

SCI

S3
V.81
1978
n/c

PAMPHLET BOX

Physics Abstracts

Science Abstracts Series A
July-December 1978

Author Index



inspec
The Institution of Electrical Engineers

CONTENTS

Title page	i	'Small' indexes	LI1
Errata	ii	List of Journals	LJ1
Author index	A697		

SIX-MONTHLY INDEXES TO SCIENCE ABSTRACTS

Cumulative indexes to Science Abstracts are published twice a year covering the period January-June and July-December. They comprise author and subject indexes and some specialised or 'small' indexes. For Physics Abstracts and Electrical & Electronics Abstracts the Author Index and Subject Index are published as separate volumes. In this case the Small Indexes are included in the Author Index volume.

Author index

This lists in alphabetical order all authors of papers abstracted in the abstracts journal during the six months covered by the index, together with the title of the paper. Where there are co-authors of a paper the title of the paper is given only under the name of the first author. The serial number of the paper in the abstracts journal is in the form 8-12345, ie 1978—abstract no. 12345.

'Small' indexes

These are specialised indexes which allow the user to find quickly particular types of information which might be difficult to find using the subject or author indexes.

Bibliography index

In this index reference is made to articles which contain a significant list of references or bibliography on the subjects listed.

Book index

This gives details of books received and abstracted by the abstracts journal.

Conference index

This index lists conferences for which published proceedings have been received and abstracted. Reference is given to the individual papers and their serial numbers in the abstracts journal.

Corporate author index

This is an index to those items where a corporate organisation rather than an individual person is the agent primarily responsible for the publication. Such publications typically include reports of industrial firms or of government departments or research establishments. This index replaces the previous Report and Patent assignee indexes.

Author Index

© 1979: THE INSTITUTION OF ELECTRICAL ENGINEERS



INSPEC

The Institution of Electrical Engineers

Physics Abstracts

Science Abstracts Series A

July-December 1978

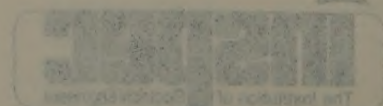
Errata

Physics Abstracts

Entries 16662, 16703, 16725, 16735/6, 16764, 16971, 17554, 17586, 17588, 17594, 17610, 17628, 18009, 18366, 18369, 18396, 18421, 18428 and 18450 of 1st March 1978, journal reference should read 1977 *not* 1978

Entries 22019, 22377, 22500, 22712, 22778, 22833, 22858, 22883, 22890, 22925, 22930, 22953/4, 23014/5, 23021, 23034/5, 23038, 23145/6, 23192/3, 23207, 23210, 23217, 23229, 23285, 23303, 23327, 23356, 23394, 23451, 23549 and 24022 of 15th March 1978, journal reference should read 1977 *not* 1978

Entry 85354 of 1st November 1978, please amend author to read M. Goldsmith *not* Godsmith



Author Index

- Aaberge, T.** Systems of two quantal Einstein relativistic particles 8-62347
- Aaland, K.** DPF capacitor bank systems design 8-54889
- Aamodt, L.C., Murphy, J.C.** Size considerations in the design of cells for photoacoustic spectroscopy. II. Pulsed excitation response 8-65977
- Aaran, R.-K.** Response of leucoagglutinin stimulated human lymphocytes to cobalt-60 radiation in vitro 8-57041
- Aarons, J.** Introduction to radio wave propagation effects on systems 8-92954
- Aarons, J.** Ionospheric scintillations: an introduction 8-93047
- Aarons, J., Buchau, J., Basu, S., McClure, J.P.** The localized origin of equatorial F region irregularity patches 8-77404
- Aarons, J.** see Mikkelsen, I.S. 8-61660
- Aaronson, H.I., Plichta, M.R., Franti, G.W., Russell, K.C.** Precipitation at interphase boundaries 8-52815
- Aaronson, H.I.** see Chan, K.S. 8-84765
- Aaronson, H.I.** see Plichta, M.R. 8-84795
- Aaronson, H.I.** see Shiflet, G.J. 8-84763
- Aaronson, M., Cohen, J.G., Mould, J., Malkan, M.** Calibration of metallicity effects on the integrated colors of globular clusters and early-type galaxies 8-89227
- Aaronson, M.** see Mould, J.R. 8-65617
- Aarseth, S.J., Binney, J.** On the relaxation of galaxies and clusters from aspherical initial conditions 8-96538
- Aarts, H.J.M.** see Eggenhuisen, H.H. 8-58250, 8-89787
- Aarts, H.J.M.** see Maas, J.W. 8-66206
- Aarts, J.F.M.** The Renner effect in π electronic states of linear triatomic molecules. I. Theory of vibronic interaction modified by spin-orbit coupling 8-70758
- Aartsen, J.J.** Van see Van Aartsen, J.J.
- Aas, B.** see Eichler, R. 8-66695
- Aase, D.T., McCann, R.A.** Preconceptual evaluation of a helium cooled molten salt hybrid blanket 8-62614
- Aase, D.T.** see Perry, R.T. 8-66406
- Aashamar, O., Amundsen, P.A., Kochbach, L.** Proton-induced L-shell ionization at large scattering angles 8-90283
- Aslid, R.** see Brubakk, A.O. 8-80903
- Abad, J., Humpert, B.** Perturbative QCD corrections in ep scattering 8-74263
- Abad, J.** see Barger, V. 8-93870
- Abae, G.G.** see Tselishchev, P.A. 8-75057
- Abae, G.N.** see Ivanov, V.P. 8-92580
- Abakarov, D.I.** see Oleinik, V.P. 8-79945
- Abakirov, V.A., Yushkov, M.R.** Non-linear oscillation of rectangular plates with unisplaceable contour 8-55586
- Abakumov, B.M., Baikova, N.D., Gnatyuk, L.N., Gurari, M.L., Ibaev, Yu.K., Marchenko, S.N., Rukman, G.I., Stepanov, B.M.** Recording holograms of diffusively scattering objects on MnBi magnetic film 8-74862
- Abakumov, B.M., Baikova, N.D., Gnatyuk, L.N., Gurari, M.L., Marchenko, S.N., Rukman, G.I., Stepanov, B.M.** Analogue characteristics of a MnBi film for recording optical information 8-50716
- Abakumov, B.M., Granovskii, A.B.** Two-dimensional model of the distribution of magnetisation in films with a striped domain structure 8-88149
- Abakumov, G.A., Antipov, A.I., Baldenkov, G.N., Simonov, A.P., Fadeev, V.V.** Influence of induced reduction in the relaxation time of an absorber on the dynamics of formation of ultrashort light pulses 8-59093
- Abakumov, G.A., Antipov, A.I., Simonov, A.P., Sinityn, A.B., Fadeev, V.V.** Generation of picosecond pulses under conditions of induced reduction in the relaxation time of a saturable absorber 8-71131
- Abakumov, G.A., Vorob'ev, S.A., Simonov, A.P.** Induced pump absorption, lasing threshold, and efficiency of organic compound lasers 8-50773
- Abakumov, V.N.** Cross section for carrier capture by attractive Coulomb centres in semiconductors under piezoelectric scattering conditions 8-72170
- Abaliev, M.A., Bakhvalov, N.S., Volyak, K.I., Zhileikin, Ya.M., Lyakhov, G.A.** Nonstationary interaction of opposite waves in quadratically nonlinear medium-numerical experiment 8-83026
- Abarbanel, H.D.I., Bartels, J.** Questions of quark confinement and ambiguities in Coulomb gauge of Yang-Mills fields 8-62297
- Abarbanel, Z.I., Kovalenko, V.S.** Theory of centrifugal sedimentation of large particles 8-59462
- Abarenkov, I.V., Antonova, I.M.** Cluster expansion of the density matrix and energy of an ionic crystal in the one-electron approximation 8-87952
- Abasbegovic, N., Colombo, L., Le Postollec, M.** Low-frequency vibrational spectrum of p-nitrotoluene single crystals 8-56484
- Abasov, S.A.** see Bagirov, M.A. 8-76386
- Abayawardana, S.A.K.** see Anderson, G.H. 8-90648
- Abayev, G.G.** see Tselishchev, P.A. 8-75042
- Abbakumov, V.G., Gropyanov, V.M.** The inhomogeneous temperature field of the specimen as a factor in kinetic investigations by the nonisothermal method 8-59287
- Abbas, D.C., Aton, T.J., Slichter, C.P.** Ionic model for Cr, Mn and Fe impurities in Cu 8-68399
- Abbas, D.C., Aton, T.J., Slichter, C.P.** Ionic model for Cr, Mn, and Fe impurities in Cu 8-84488
- Abbas, M.A., El-Nesr, M.K.** Relation between sunshine duration and mean daily solar radiation on a horizontal surface in Iraq 8-81337
- Abbas, M.M., Kostiuik, T., Mumma, M.J., Buhl, D., Kunde, V.G., Brown, L.W.** Stratospheric ozone measurement with an infrared heterodyne spectrometer 8-61494
- Abbas, P.J.** Effects of stimulus frequency on two-tone suppression: comparison of physiological and psychophysical results 8-85317
- Abbaschian, G.J., Mehrabian, R.** Effect of aluminum on the solidification kinetics and morphology of gallium 8-56628
- Abbaschian, G.J.** see Levi, C.G. 8-76616
- Abbaschian, G.J.** see Ramati, S.D.E. 8-80569, 8-84793
- Abbaschian, G.J.** see Tokisue, H. 8-72890
- Abbasov, T.F.** see Bagirov, M.A. 8-76386
- Abbate, G., Bernini, U., Ragazzino, E., Somma, F.** The temperature dependence of the refractive index of water 8-56448
- Abbate, M.** see Lolich, J. 8-62592
- Abbati, I., Braicovich, L., De Michelis, B.** Sputtering of zinc-copper system during atomic diffusion 8-92159
- Abbati, I., Braicovich, L., De Michelis, B., Fasana, A.** Zn (0001) water interaction: an ultraviolet photoelectron spectroscopy investigation 8-76585
- Abbati, I.** see Cerrina, F. 8-56569
- Abbey, L.E.** see Moran, T.F. 8-64813
- Abbondanno, U., Demaninis, F., Malisan, M.R., Nardelli, G.** A study of the $^{75}\text{As}(n,n'\gamma)^{75}\text{As}$ reaction 8-89869
- Abbott, E.A.** see Peebles, W.J. 8-85868
- Abbott, G.D.** see Hirayama, S. 8-74693
- Abbott, K.W.** see Baker, R.D. 8-70404
- Abbott, L.F.** Calculating quantum corrections to the mass of a soliton without collective coordinates 8-78069
- Abbott, L.F., Barnett, R.M.** Determination of the weak neutral-current couplings 8-54603
- Abbott, L.F., Grisaru, M.T.** Local supersymmetry transformations and fermion solutions in the presence of instantons 8-74177
- Abbott, M.M., Van Ness, H.C.** An extension of Barker's method for reduction of VLE data 8-79735
- Abbott, P.L.** Effect of Balcones Faults on groundwater movement, south central Texas 8-53672
- Abbott, P.L.** On the state of saturation of groundwater with respect to dissolved carbonates, Edwards artesian aquifer, south-central Texas 8-73416
- Abbott, S.M., Muska, W.M., Lee, T.P., Dentai, A.G., Burrus, C.A.** 1.1 Gb/s pseudorandom pulse-code modulation of 1.27 μm wavelength c.w. InGaAsP/InP d.h. lasers 8-55390
- Abbs, J.H., Stivers, D.** New cephalostat for speech physiology research 8-65140
- Abbondi, R., Clar, A.E.** Low temperature magnetization and magnetostriction of single crystal TmFe_2 8-64249
- Abbondi, R.** see Clark, A.E. 8-91862
- Abbondi, R.** see Savage, H.T. 8-68348, 8-91918
- Abd El Wahab, F.M., Shams El Din, A.M.** Effect of gelatin on the pitting corrosion of iron in acid and alkaline solutions 8-95838
- Abd El-Malek, M.M.** see Ghanem, N.A. 8-64746
- Abd-El-Fattah, A.M., Henderson, L.F.** Shock waves at a fast-slow gas interface 8-51194
- Abdalian, A.T., Moch, P.** Electronic Raman scattering from magnetically ordered Ni compounds 8-68492
- Abdel Rehim, S.S.** see Azzam, A.M. 8-76871
- Abdel-Khalik, A.** see Al Taweel, A.M. 8-79339
- Abdel-Khalik, S.I., Conn, R.W., Moses, G.A., Cheng, E.T., Larsen, E.M., Lovell, E.G., Maynard, C.W., Sviatoslavsky, I.N., Wolfer, W.G.** Engineering design aspects for SOLASE 8-58425
- Abdel-Khalik, S.I., Hunter, T.O.** Assessment of surface-heating problems in laser-fusion reactors 8-89979
- Abdel-Khalik, S.I., Li, H.-W., Randall, K.R.** Natural convection in compound parabolic concentrators—a finite-element solution 8-90634
- Abdel-Khalik, S.I.** see Conn, R.W. 8-50315, 8-58424
- Abdel-Khalik, S.I.** see Howard, J.E. 8-58491
- Abdel-Khalik, S.I.** see Moses, G.A. 8-58426
- Abdel-Latif, A.I.A., Tressler, R.E., Bradt, R.C.** Fracture mirror formation in single crystal alumina 8-68824
- Abdel-Monem, S.A.** see Rockenbauer, A. 8-62831
- Abdel-Raouf, H., Topper, T.H., Plumtree, A.** Cyclic plasticity and mising behaviour in metals and alloys 8-64616
- Abdel-Rohman, M.** see Cohn, M.Z. 8-51091
- Abdel-Salam, M.** The predischage-stabilised breakdown voltage in air and SF_6 8-63608
- Abdel-Salam, M., Khalifa, M.** Onset voltage of corona in bipolar fields 8-67580
- Abdel-Wahed, R.M., Bligh, T.P., Eckert, E.R.G.** An instrument for measuring the thermal penetration property pck 8-70120
- Abdel-Wahed, R.M., Pfender, E., Eckert, E.R.G.** A transient method for measuring thermal properties of soils 8-61619
- Abdel-Wahed, R.M.** see Sparrow, E.M. 8-90881
- Abdelmessih, A.H.** see Neumann, A.W. 8-71273
- Abdelmoula, K., Pardo, B., Renard, D.** Study by electron microscopy of some twinned gold crystals with variations in thickness 8-91566
- Abdinov, A.Sh., Kyazym-zade, A.G., Akhmedov, A.A.** Low frequency oscillations of the current in indium selenide single crystals 8-56187
- Abdinov, E.T., Akhmedov, Z.M., Gurbanov, R.S., Rustamov, K.E.** Rheodynamics of nonlinearly viscoplastic liquids 8-83265
- Abdvaliev, A., Beshliu, K., Garsevanishvili, V.R., Gasparyan, A.P., Grui, S.G., Ierusalimov, A.P., Kopylova, D.K., Kotorobai, F., Mirianashvili, D.G., Moroz, V.I., Nikitin, A.V., Nioradze, M.S., Troyan, Yu.A.** On comparison with experiment of an automatic law in process of spallation of relativistic deuteron 8-58290
- Abdo, K.M.** see Badawy, O.E. 8-86530

- Abdo, S.**, Howe, R.F., Hall, W.K. Formation of O⁻ from O₂ on molybdena-alumina catalysts 8-85197
- Abdou, M.A.** Radiation considerations for superconducting fusion magnets 8-50294
- Abdou, M.A.** Wall load and lifetime goals for Tokamak power plants 8-58408
- Abdou, M.A.** see Turner, L.R. 8-50375
- Abdrakhmanov, R.S.**, Ivanova, T.A. The influence of quadrupole effects on Cu(II) ESR spectra in glasses 8-64265
- Abdul Jawad, S.**, Ward, I.M. The transverse compression of oriented nylon and polyethylene extrudates 8-68728
- Abdullahi, R.S.**, Chato, J.C. Flow and heat transfer in convectively cooled underground electric cable systems. II. Temperature distributions and heat transfer correlations 8-71262
- Abdullahi, R.S.** see Chato, J.C. 8-71330
- Abdullaev, A.A.**, Belyaev, L.M., Dobrzanski, G.F., Kalgin, Yu.A. Determination of the optical characteristics of V₂O₅ crystals through the transmission spectra in the far IR region 8-72525
- Abdullaev, A.G.**, Carnaukhov, A.M. Investigation of tunnelling junctions of Al-Al₂O₃-Al structures 8-60232
- Abdullaev, G.B.**, Agaev, V.G., Nani, R.Kh., Salaev, E.Yu. Electrophotographic properties of pure and Au doped CdGa₂Se₄ 8-59100
- Abdullaev, G.B.**, Bagirov, A.G., Salaev, E.Yu. New infrared luminescence band of GaSe at 77K 8-72607
- Abdullaev, G.B.**, Dzhuvary, Ch.M., Vechkhaizer, G.V., Leonov, P.V., Shteinshtreiber, V.Ya. Density of electrons captured at traps and liberated to the conduction band of noncrystalline insulators 8-87946
- Abdullaev, G.B.**, Iskender-Zade, Z.A., Akhundov, M.R., Badalov, A.Z., Dzhabarova, E.A., Ragimov, S.N., Mamedov, R.M. Switching and memory effects in Al-Si-SiO₂-Al structures 8-95385
- Abdullaev, G.B.**, Tagiev, B.G., Mustafaeva, S.N. Conductivity of amorphous GaSe films in strong electric fields 8-56248
- Abdullaev, G.B.**, Tagiev, B.G., Mustafaeva, S.N. Relay model of charge transport in GaSe thin films 8-60233
- Abdullaev, G.K.** Crystal structure of the double metaborate of neodymium and cobalt NdCo(BO₂)₃ 8-63735
- Abdullaev, G.K.**, Mamedov, Kh.S., Amirasanov, I.R., Magerramov, A.I. Crystal structure of lithium praseodymium orthoborate Li₃Pr₂(BO₃)₃ 8-87655
- Abdullaev, N.** see Arifov, U.A. 8-52110
- Abdullaev, S.S.** see Deryugin, I.A. 8-59145
- Abdullah, M.** see Nowak, R.J. 8-78213
- Abdullayev, B.** see Pugacheva, T.S. 8-55900
- Abdullin, R.S.**, Pen'kov, I.N., Nizamutdinov, N.M., Grigas, I., Safin, I.A. Influence of temperature on nuclear quadrupole resonance spectra of ^{121,123}Sb in Sb₂S₃ 8-60354
- Abdulnur, S.** see Dougherty, D. 8-77005
- Abdulov, R.Z.** see Syutkina, V.I. 8-92298
- Abdurakhmanov, I.M.**, Alibekov, B.G. Effect of periodic system of narrow inclusions on a plane steady temperature field 8-63265
- Abdurakhmanov, K.P.**, Mirakhmedov, Sh., Teshabaev, A.T. Tunnel spectroscopy of degenerate p-type GaAs with an additional manganese impurity 8-72252
- Abdurazakov, A.A.**, Saied, M.Kh., Skvortsov, V.V. Preparation of NaCl, KBr, and CsI crystals 5-30 μ thick for channelography 8-80658
- Abdusalamova, M.N.** see Kovenskaya, B.A. 8-91453
- Abdusalyamova, M.N.** see Kovenskaya, B.A. 8-91453
- Abduzhamilov, Sh.** see Azimov, S.A. 8-54655
- Abduzhamilov, Sh.** see Boos, E.G. 8-62530
- Abe, H.**, Ito, M. Raman intensities of charge transfer complexes of benzene and halogen molecules 8-56485
- Abe, H.**, Nakata, H. Surface treatment technology by gas plasma 8-92386
- Abe, H.** see Ito, M. 8-78709
- Abe, H.** see Kitajima, K. 8-71760
- Abe, H.** see Minowa, J. 8-90603
- Abe, H.** see Ogata, H. 8-51744
- Abe, H.** see Shimizu, M. 8-56375
- Abe, H.** see Tsubouchi, N. 8-83830
- Abe, K.** see Hayakawa, S. 8-95230
- Abe, K.** see Sakurai, S. 8-52843
- Abe, K.** see Sato, M. 8-56355
- Abe, K.** see Shimizu, H. 8-71940
- Abe, K.** see Whitmore, J. 8-74289
- Abe, K.** see Yamashita, S. 8-66170
- Abe, K.** see Yukawa, T. 8-95486
- Abe, M.**, Fujiwara, A. Plastic instability related to grain-boundary failure in an Al-Zn-Mg alloy at low temperatures 8-56702
- Abe, M.**, Kaneta, K., Uchino, K. Mossbauer study of FeMo₂S₄ 8-60360
- Abe, M.**, Miyake, S. Remarks on the conserved chiral charge in Schwinger model 8-49961
- Abe, M.**, Miyake, S. On the breaking of chiral symmetry in the Schwinger model 8-62307
- Abe, M.**, Miyake, S. Chiral symmetry breaking and vacuum structure in Schwinger model 8-89615
- Abe, M.** see Hasegawa, O. 8-83086
- Abe, M.** see Kido, K. 8-66992
- Abe, M.** see Tanie, K. 8-53573
- Abe, R.** 1/n expansion for weakly random system 8-62173
- Abe, R.** Scaling function for equation of state. Weakly random system in the limit $n \rightarrow \infty$ 8-73953
- Abe, R.**, Masutani, M. Note on ϵ expansion for critical amplitude ratio R 8-65896
- Abe, R.** see Okabe, Y. 8-89412
- Abe, S.**, Fujioka, R., Nagashima, A. Viscosity of gaseous D₂O at high pressures 8-63527
- Abe, S.** see Kaneko, T. 8-68058
- Abe, T.**, Goto, E., Kodama, M. Experimental accuracy of alpha particle pressure gauge 8-58537
- Abe, T.**, Ohnishi, F. Bauschinger effect of polycrystals and mutual restriction between grains 8-52895
- Abe, T.** see Hirohata, Y. 8-92190
- Abe, T.** see Ishiguro, R. 8-94698
- Abe, T.** see Kanda, Y. 8-95828
- Abe, T.** see Ohtsuka, H. 8-95633
- Abe, Y.**, Fujii, K., Iwata, K., Honda, K., Hoshino, Y., Okubo, S., Sato, K., Matsuda, M., Matumoto, K. Charmed- n meson decays and some evidence for ($\bar{c}s$), current 8-58167
- Abe, Y.**, Hoshino, Y., Iwata, K., Hirano, M., Murota, T. A difficulty of charm scheme. Abnormal $\psi' \rightarrow \psi \pi \pi$ spectrum 8-74250
- Abe, Y.**, Kestin, J., Khalifa, H.E., Wakeham, W.A. The viscosity and diffusion coefficients of the mixtures of four light hydrocarbon gases 8-94883
- Abe, Y.**, Kondo, Y., Matsuse, T. A new evidence for a band crossing model: Resonances in high energy ¹²C-¹²C scattering 8-66305
- Abe, Y.** see Honda, K. 8-62398
- Abe, Y.** see Kanda, Y. 8-95828
- Abe, Y.** see Kondo, Y. 8-66303
- Abe, Y.** see Matsuse, T. 8-62561, 8-62562, 8-89898
- Abe, Y.** see Uegaki, E. 8-62511
- Abe, Z.** Tanimoto, H. 8-70168
- Abe Zen-ueemon** see Zen-ueemon Abe
- Abebe, M.** see Wafraen, G.E. 8-68499
- Abedinzadeh, Z.**, Farzad, G.H., Moatar, F. Non-destructive neutron activation analysis of the Naragh meteorite 8-77522
- Abegg, R.**, Hutton, J.D., Williams-Norton, M.E. Study of the reaction ⁴⁸Ca(d,p)⁴⁹Ca with vector polarized deuterons 8-78391
- Abegg, R.** see Davis, C.A. 8-74305
- Abegg, R.** see McIlwain, A. 8-70660
- Abel, A.** see Lorenz, L. 8-52829
- Abel, B.D.** FTIR vacuum system 8-70625
- Abel, G.** see Terreaux, B. 8-95089
- Abel, J.E.** see Vezzoli, G.C. 8-52782
- Abela, R.** see Poth, H. 8-70979
- Abeles, B.** Optical properties of composite materials 8-56496
- Abeles, B.**, Ping Sheng Minimum metallic conductivity in granular metal films 8-56241
- Abeles, B.** see Sichel, E.K. 8-80430
- Abeles, F.** see Lafait, J. 8-76418
- Abeles, F.** see Lopez-Rios, T. 8-60178
- Abell, C.J.** see Hunt, J.C.R. 8-51157
- Abell, G.O.** see Eastmond, T.S. 8-86028
- Abell, S.** see Hudson, J.L. 8-51172
- Abel'skii, Sh.Sh.** see Irkhin, Yu.P. 8-72134
- Aben, Kh.K.**, Veigel', M.O., Idnurm, S.I. Photoelectric magnetopolarimeter for studying inhomogeneous optically anisotropic media 8-77964
- Abercrombie, R.F.** Single-file diffusion in biological membranes 8-54127
- Aberdam, D.** Electron diffraction in the medium-energy range 8-83682
- Aberg, S.** An investigation of Yrast traps in some prolate Hf isotopes 8-93923
- Aberg, T.** see Cooper, J.W. 8-54725
- Aberg, T.** see Howat, G. 8-50520
- Abermann, R.**, Kramer, R., Maser, J. Structure and internal stress in ultra-thin silver films deposited on MgF₂ and SiO substrates 8-91572
- Abernathy, J.** see Ross, M. 8-66859
- Aberson, J.A.**, Anderson, J.M., King, W.W. A finite-element analysis of an impact test 8-68806
- Abesalashvili, L.N.**, Amaglobeli, N.S., Akhobadze, L.T., Garsevanishvili, V.R., Kutsidi, N.K., Terzadze, Yu.V., Chargeishvili, M.S. A scale-invariant variable in the description of hadron-hadron interactions 8-82227
- Abhyankar, K.D.** A survey of the solar atmospheric models 8-69764
- Abhyankar, K.D.** see Kulkarni, A.G. 8-69837
- Abijaoudé, M.T.** see Munk, P. 8-67843
- Abildskov, J.A.** see Lux, R.L. 8-57111
- Abitbol, C.** Computer controlled optical plotter for filters generation 8-90538
- Abiamunets, I.G.**, Shaternikov, V.E. Parameters of eddy-current transducers placed above a moving plate 8-60938
- Ables, J.G.** see McCulloch, P.M. 8-65642
- Abulisimov, G.A.**, Divisenko, I.F., Zemlyankin, V.A., Konin, M.K. Experimental instrument for studying thermoemission properties of metals and alloys 8-74025
- Ablov, A.V.** see Gerasimov, V.I. 8-95040
- Ablov, A.V.** see Malinovskii, S.T. 8-83803
- Ablow, C.M.**, Schechter, S. Campylootropic coordinates 8-65757
- Ablowitz, M.J.** Lectures on the inverse scattering transform 8-57795
- Abou-El-Ata, M.M.** Irradiation effects on the behavior of structural materials at elevated temperature 8-92309
- Abou-Zena, A.M.** Radiation from a finite cylindrical explosive source 8-61340
- Abouaf, J.A.** see Koblika, R.J. 8-91881
- Abouelfotoh, M.O.** Epitaxy of MgO on alkali halides with NaCl-type structure 8-67920
- Abolin'sh, Ya.Ya.**, Karpov, S.V., Shultin, A.A. Raman spectra of low-temperature phases of ammonium nitrate 8-92081
- Aboltin, I.E.**, Grabovskis, V.J., Kangro, A.R., Vitol, I.K., Zirap, V.E., Lushchik, Ch., O'Konnel-Bronin, A.A. Thermally stimulated and tunnelling luminescence and Frenkel defect recombination in KCl and KBr at 4.2 to 77K 8-72606
- Abonyi, I.** Propagation of surfaces of weak discontinuity as behaviour of broken extremals in classical field theory 8-93541
- Abou el-leil, M.**, Heasley, J., Omar, M.H. A mixed isotope effect in lithium borate glasses 8-95182
- Abou Sekkina, M.M.** Further studies on the sintering characteristics of zirconium dioxide 8-76617
- Abou Sekkina, M.M.**, Tawfik, A., El-Nimr, M.K. Electrical resistivity and pyroelectricity of potassium acetyl-acetate polycrystals 8-76392
- Abou-Chakra, R.**, Chamoun, E., Homaidan, N. Localisation of electrons in binary alloys 8-60088
- Abou-Chakra, R.** see Chamoun, E. 8-64009
- Abou-Chakra, R.** see Homaidan, N. 8-58771
- Abou-el-Leil, M.**, Cooper, A.R. Fracture of soda-lime glass tubes by field-assisted ion exchange 8-68771
- Abou-Khalil, M.A.** see Ghanem, N.A. 8-64746
- Abou-Sayed, A.S.**, Brechtel, C.E., Clifton, R.J. In situ stress determination by hydrofracturing: a fracture mechanics approach 8-81435
- Abouaf, R.**, Huber, B.A., Cosby, P.C., Saxon, R.P., Moseley, J.T. Photofragment spectroscopy and potential curves of Kr₂⁺ 8-55207
- Abouaf, R.** see Tadjeddine, M. 8-82794
- Aboudi, J.** see Benveniste, Y. 8-56717, 8-87301
- Abovskii, V.A.** Second-order perturbation theory for a simple fluid 8-79516
- Abovyan, E.S.**, Myasnikova, R.M., Kitaigorodskii, A.I. The molecular system durenep-dibromobenzene. I. Phase diagram and X-ray measurements 8-79774
- Abowitz, G.** Vacuum deposition from a strip source onto an arbitrarily oriented rotating cylinder 8-95696
- Abraham, A.**, Bacchella, G.L., Bouffard, V., Goldman, M., Meriel, P., Pinot, M., Roinel, Y., Roubeau, P. First observation of a nuclear antiferromagnetic structure by neutron diffraction 8-88226
- Abraham, A.**, Goldman, M. Principles of dynamic nuclear polarisation 8-64297
- Abragimov, I.A.**, Kocharov, G.E. Nuclear reactions in the solar atmosphere 8-57527
- Abraham, D.B.** n-Point functions for the rectangular Ising ferromagnet 8-76250
- Abraham, F.**, Trehoux, J., Thomas, D. The metal-metal bonding in M₂O₃ clusters. II. Preparation and structural study of the La₂RuO₁₁ phase 8-91325
- Abraham, F.F.** The interfacial density profile of a Lennard-Jones fluid in contact with a (100) Lennard-Jones wall and its relationship to idealised fluid/wall systems: a Monte Carlo simulation 8-67901
- Abraham, F.F.** On the fluctuation theory for the liquid-vapor interface 8-95204
- Abraham, F.F.**, Singh, Y. Comment on 'The structure of a hard sphere fluid in contact with a soft repulsive wall' 8-67632
- Abraham, M.** see Abraham, M.-C. 8-68908
- Abraham, M.** see Sangster, J.M. 8-51655
- Abraham, M.-C.**, Abraham, M., Sangster, J.M. Vapour pressures of aqueous solutions of (Ag, Tl, Cd)NO₃ at 98.5°C. II. Henry's law and excess free energy 8-68908
- Abraham, M.-C.** see Sangster, J.M. 8-51655

- Abraham, M.H.**, Liszi, J. Calculations on ionic solvation. I. Free energies of solvation of gaseous univalent ions using a one-layer continuum model 8-95944
- Abraham, M.M.** see Boatner, L.A. 8-52337
- Abraham, M.M.** see Young, R.T. 8-95080
- Abraham, N.B.** see Rockower, E.B. 8-58964
- Abraham, P.M.**, Elleman, T.S., Verghese, K. Diffusion and trapping of tritium in grain boundaries of 304L stainless steel 8-51738
- Abraham, S.** see Pena, J.L. 8-68085
- Abrahams, E.**, Gor'kov, L.P., Kharadze, G.A. The one-dimensionalization of three-dimensional organic chain conductors by impurities 8-91681
- Abrahams, M.S.**, Blanc, J., Buiochi, C.J., Ham, W.E. Shear strain at corners and edges of epitaxial silicon on sapphire 8-51835
- Abrahamson, E.W.** see Fager, R.S. 8-64926
- Abrahamyan, M.G.**, Oganessian, R.S. The gravitational stability of the rotating interput disks 8-61915
- Abrahao, S.M.** see Doria, F.A. 8-78065
- Abrahmanov, R.S.**, Ivanova, T.A., Petukhov, V.Yu. The ESR of Ti (III) in titanium aluminophosphate glasses 8-88181
- Abramchuk, G.A.**, Alekhin, V.A., Dergacheva, V.G. Filamentary silicon piezoresistor for measurement of pulsed processes 8-57980
- Abramchuk, G.A.**, Alekhin, V.A., Vashchenko, A.P., Sandulova, A.V., Stepanov, G.V. Characteristics of semiconductor strain gauge resistors in elastic waves 8-85097
- Abramenko, A.N.**, Gershberg, R.E., Pavlenko, E.P., Prokof'eva, V.V., Lewin, W.H.G., van Paradijs, J.A., Hoffman, J.A., Li, F.K. Optical monitoring of X-ray burst sources 8-77622
- Abramenko, A.N.** see Prokof'eva, V.V. 8-57697
- Abramenko, A.N.** see Vasiliev, L.L. 8-94526
- Abramenko, B.** The warping of the galactic plane and changes of ellipticity 8-69847
- Abramenko, P.V.** see Bronnikov, V.K. 8-73005
- Abrami, A.**, Koren, U. Pulsating structures in type IV solar radio events 8-96455
- Abramov, A.A.** see Afanas'ev, V.K. 8-52817
- Abramov, D.I.**, Slavyanov, S.Yu. The two Coulomb centres problem at small inter-centre separations 8-70892
- Abramov, R.V.** Basic factors of the diurnal regime of the near-water-surface layer of air at the equator [GATE results] 8-61527
- Abramov, V.A.**, Baryshnikov, F.F., Lisitsa, V.S. Change in spectral line intensity on multiply-charged ions as result of charge exchange on atomic hydrogen 8-58814
- Abramov, V.A.**, Vikhrev, V.V., Pogutse, O.P. The formation of a current profile in a Tokamak by means of a magnetic diaphragm 8-71520
- Abramov, V.N.**, Ivanov, B.G., Kuznetsov, A.I., Meriloo, I.A., Musatov, M.I. On the vacuum ultraviolet transparency of sapphire 8-84605
- Abramov, V.V.**, Petrushevich, I.V., Slobodchikova, R.L., Kozlov, F.N., Rivkin, M.N., Ul'yanov, V.P. Mathematical description of the condensation of niobium from a gaseous phase on a hot strip 8-80476
- Abramov, Yu.N.** see Fafurin, A.V. 8-63426
- Abramov, Yu.V.**, Devyatkin, E.V., Sokolov, Yu.Ya. Edge and radial dependence of gas multiplication factor in cylindrical proportional counters 8-78560
- Abramovici, F.**, Gal-Ezer, J. Numerical seismograms for a vertical point-force in a layered solid 8-92784
- Abramowicz, H.** see Moriyasu, K. 8-66165
- Abrams, C.F., Jr.** see Wood, L.A. 8-92663
- Abrams, G.** see Gidal, G. 8-58201
- Abrams, G.S.** see Gelfand, N. 8-74274
- Abrams, G.S.** see Heile, F.B. 8-74238
- Abrams, G.S.** see Himel, T. 8-78157
- Abrams, G.S.** see Jaros, J.A. 8-50042
- Abrams, G.S.** see Peruzzi, I. 8-74252
- Abrams, G.S.** see Tanenbaum, W. 8-66113
- Abrams, R.L.**, Lind, R.C. Degenerate four-wave mixing in absorbing media 8-71138
- Abramson, G.A.**, Sukhovei, A.G. Information and measuring complex for experimental research on radiobrightness radiation of sea water 8-65427
- Abramson, N.** Light-in-flight recording by holography 8-94379
- Abramson, N.H.** Three-dimensional information 8-78973
- Abramson, P.B.** see Sienicki, J.J. 8-74454
- Abramyan, G.L.** Lunar occultations of radio sources as a technique for investigating their angular structure. IV 8-65712
- Abramzon, A.A.** see Mohamed, S.M. 8-53274
- Abramzon, B.M.**, Fishbein, G.A. Some problems of convective diffusion to a spherical particle with $Pe \leq 1000$ 8-55683
- Abbrani, A.** Solar radio emission associated with chromospheric flares 8-96457
- Abranin, E.P.**, Bazelyan, L.L., Goncharov, N.Yu. Radio structure of the Cygnus Loop at 25 MHz 8-54027
- Abranin, E.P.**, Bazelyan, L.L., Goncharov, N.Yu., Zaitsev, V.V., Zinichev, V.A., Rapoport, V.O., Tsybko, Ya.G. Angular sizes of stria-burst sources in the range 24-26 MHz 8-65597
- Abrikosov, A.A.** Spin glass with short-range interaction in the neighbourhood of a 'junction' 8-68282
- Abrikosov, A.A.**, Mukhin, S.I. Spin glass with nonmagnetic defects 8-60298
- Abrikosov, A.A.**, Ryzhkin, I.A. Conductivity of quasi-one-dimensional metal systems 8-60112
- Abrikosov, N.Kh.** see Poretskaya, L.V. 8-52017
- Abritalin, V.L.**, Andreyanova, T.G. Developing characteristics of 4-aminopyrazolone-5 and 5-aminobarbituric acid mixture 8-49931
- Abronin, I.A.**, Burshtein, K.Ya., Gagarin, S.G., Zhidomirov, G.M. Some aspects of the application of semiempirical SCF MO LCAO methods to the study of the structure of protonated benzene 8-82638
- Abrosimov, N.V.** see Tatarchenko, V.A. 8-52655
- Abrukov, S.A.** see Davydov, A.E. 8-94851
- Abrukov, V.S.** see Davydov, A.E. 8-94851
- Abruzov, V.I.**, Przhdevskii, A.K., Tolstoi, M.N. Kinetic description of the excitation spectra of neodymium glasses 8-68557
- Abzar, I.** see Smith, V.H., Jr. 8-70731, 8-71637
- Abshier, J.O.** Automatic reseau measurement with a simple optical correlator 8-69496
- Abstreiter, G.**, Bauser, E., Fischer, A., Ploog, K. Raman spectroscopy—a versatile tool for characterization of thin films and heterostructures of GaAs and $Al_xGa_{1-x}As$ 8-76439
- Abstreiter, G.**, Pinczuk, A., Tromm er, R., Cardona, M. Raman scattering studies of coupled plasmon-LO phonon modes in n -GaAs 8-60472
- Abstreiter, G.** see Trommer, R. 8-64367
- Abt, H.A.** Radial velocities of the Cepheid X Cygni 8-73723
- Abt, H.A.**, Levato, H. Spectral types in the Pleiades 8-57601
- Abt, H.A.**, Levy, S.G. Evidence for the duplicity of the anomalous Cepheid Y Ophiuchi 8-53990
- Abt, H.A.**, Levy, S.G. Binaries among B2-B5 IV, V absorption and emission stars 8-57551
- Abt, H.A.** see Levato, H. 8-85984
- Abu-Eid, R.M.**, Langer, K. Single-crystal UV-spectra of olivine (Fayalite) up to 37000 cm^{-1} at elevated pressures 8-85545
- Abu-Sitta, A.M.M.** see Obada, A.-S.F. 8-94215
- Abuaf, N.**, Jones, O.C., Jr., Zimmer, G.A. Optical probe for local void fraction and interface velocity measurements 8-83505
- Abuku, S.** see Iwayanapi, J. 8-59352
- Abulkaev, B.** see Kovenskaya, B.A. 8-91453
- Aburakawa, H.** A calorimeter for measuring snow melt 8-88934
- Accetta, J.S.**, Shea, R.F. Sources of optical distortions in high energy laser systems 8-83018
- Aceto, H., Jr.** see Jolly, R.K. 8-56941
- Achar, B.N.N.**, Barsch, G.R. CDW instability and anharmonicity in V_3Si 8-79734
- Achard, J.C.** see Leger, J.M. 8-85192
- Achard, M.-F.** see Hardouin, F. 8-95139
- Achari, R.M.** see Misra, J.C. 8-67045
- Acharia, K.M.** Applications of stereo photography in technical education [fracture visualisation] 8-54140
- Acharjee, D.K.**, Mitra, A.K., Roy, A.N. Co-current flow liquid-liquid binary mass transfer in ejectors 8-75185
- Acharya, A.**, Mashekar, R.A., Ulbrecht, J. Motion of liquid drops in rheologically complex fluids 8-75184
- Acharya, A.**, Ulbrecht, J.J. Note on the influence of viscoelasticity on the coalescence rate of bubbles and drops 8-67248
- Acharya, B.S.** see Gartia, R.K. 8-75663, 8-75664
- Acharya, D.**, Sengupta, P.R. Magnetothermoelastic plane Lamb's problem in an initially stressed conducting medium 8-67077
- Acharya, M.** see Yajnik, K.S. 8-90860
- Acharya, R.T.** see Purohit, A. 8-86597
- Achasov, N.N.**, Shestakov, G.N. Mixing effects and the study of the dynamics of vector meson production 8-58191
- Achatz, M.** see Seger, G. 8-92686
- Achatz, M.** see Turke, B. 8-92749
- Achaval, E.M.** see de Achaval, E.M.
- Ache, B.W.** see Johnson, B.R. 8-53431
- Ache, H.J.** see Jiann-long Wu 8-73031
- Ache, H.J.** see Yan-ching Jean 8-72635
- Achenbach, J.D.** Elastodynamic effects on crack branching 8-67113
- Achenbach, J.D.**, Harris, J.G. Ray method for elastodynamic radiation from a slip zone of arbitrary shape 8-73322
- Achenbach, J.D.** see Gautesen, A.K. 8-79161
- Achenbach, J.D.** see Petroski, H.J. 8-55591
- Achiam, Y.** A real space time-dependent renormalisation group of the one-dimensional Ising model 8-49774
- Achiam, Y.** Time-dependent real-space renormalisation group for the Ising system on a triangular lattice 8-60289
- Achiam, Y.**, Kosterlitz, J.M. Real-space renormalization group for critical dynamics 8-70070
- Achiba, Y.** see Kimura, K. 8-90131
- Achil'deva, E.S.**, Valiev, M.M., Kaganov, Z.G., Kusimov, S.T. Quality control of the case hardening of steel products made from steel 45 8-53151
- Achilov, M.F.**, Kasymdzhanov, M.A., Krindach, D.P., Trunilina, O.V., Khabibulaev, N.K. Nondirectional glow of transparent dielectrics under the action of laser radiation 8-52575
- Achiman, Y.**, Stech, B. Quark-lepton symmetry and mass scales in an E_6 unified gauge model 8-86434
- Achiwa, N.**, Yamamoto, N., Kawano, S. The hydrogen bond in boehmite (γ -AlO $_3$): neutron profile refinement of the structure 8-71701
- Achkasov, Yu.M.**, Mazurov, V.K., Potekhin, Yu.I. Recording of information on a metallic carrier—a new field of use for electric erosion 8-61563
- Achmedzhanov, Z.I.**, Loshmanov, A.A., Yamzin, I.I. Anharmonicity vibrations and correlation effects in fluorites: neutron diffraction study of BaF $_2$ 8-55915
- Achterberg, O.** see Berger, Ch. 8-62414, 8-89725
- Achwal, S.K.**, Diggory, P.J., Richardson, R.J., Stepanek, J.B. Use of magnetic recording and computer processing in transient response analysis in residence time measurements 8-81953
- Acerno, D.**, La Mantia, F.P., Iorio, G., Marrucci, G. Surface instabilities arising in drawing cylindrical specimens of low-density polyethylene melts 8-71305
- Acerno, D.** see de Cindio, B. 8-63457
- Acerno, D.** see La Mantia, F.P. 8-84226
- Acioli, J.L.** see Monteiro, A.M.M. 8-54651
- Ackenhusen, J.G.**, Steel, D.G. Optical alignment procedure for an unstable resonator high-power laser 8-50826
- Acker, A.** A new synthetic distance scale for planetary nebulae 8-89240
- Acker, A.** see Fehrenbach, C. 8-69875
- Acker, F.**, Huguenin, R. High field susceptibility of Ni-based alloys 8-52230
- Acker, R.C.** see Owen, H.M. 8-66393
- Ackerberg, R.C.**, Patel, R.D., Gupta, S.K. The heat/mass transfer to a finite strip at small Peclet numbers 8-51163
- Ackerberg, R.C.** see Whiting, W.B., II. 8-67306
- Ackerhalt, J.R.**, Flicker, H., Galbraith, H.W., King, J., Person, W.B. Analysis of $3\nu_3$ in SF $_6$ 8-90161
- Ackerhalt, J.R.**, Galbraith, H.W. Collisionless multiple photon excitation of SF $_6$: a comparison of anharmonic oscillators with and without octahedral splitting in the presence of rotational effects 8-86845
- Ackerhalt, J.R.** see Galbraith, H.W. 8-86927, 8-94297
- Ackerman, J.P.** see Kinoshita, K. 8-80488
- Ackerman, M.C.** see Duffey, R.B. 8-59451
- Ackerman, M.W.** see Ho, C.Y. 8-95284
- Ackermann, H.**, Azemoon, T., Gabriel, W., Mertens, H.D., Reich, H.D., Specht, G., Janata, F., Schmidt, D. Determination of the longitudinal and the transverse part in π^+ electroproduction 8-66126
- Ackermann, H.** see Berger, Ch. 8-62412
- Ackermann, H.** see Stockmann, H.-J. 8-59842
- Ackermann, H.** see Winnacker, A. 8-91994
- Ackermann, R.A.** see Heinrich, J.P. 8-50391
- Ackermann, R.J.**, Garg, S.P., Rauh, E.G. The lower phase boundary of ZrO $_2$ -x 8-76638
- Ackerson, B.J.** Correlations for interacting Brownian particles. II 8-82911
- Ackerson, B.J.**, Straty, G.C. Rayleigh scattering from methane 8-88317
- Ackerson, K.L.** see Coroniti, F.V. 8-77436
- Ackerson, K.L.** see Frank, L.A. 8-85801
- Ackerson, K.L.** see Hones, E.W., Jr. 8-89012
- Ackerson, K.L.** see Lui, A.T.Y. 8-96357
- Ackroyd, J.A.D.** On the steady flow produced by a rotating disc with either surface suction or injection 8-71308
- Ackroyd, R.** see Yarwood, J. 8-84560
- Acquarone, M.** Magnetic configurations in a two-sublattice system with strong antisymmetric exchange and fourth order uniaxial anisotropy in vanishing external field 8-68167
- Acrivellis, M.** Hot-wire measurements in flows of low and high turbulence intensity 8-59511
- Acrivellis, M.** Finding the spatial flow field by means of hot wire anemometry 8-59512
- Acivos, A.**, Lo, T.S. Deformation and breakup of a single slender drop in an extensional flow 8-67250
- Acivos, A.** see Chen, H.S. 8-65773, 8-67037

- Acrivos, J.V.** *see* Beal, A.R. 8-71981
- Actis, A.** *see* Crovini, L. 8-73995
- Acton, E.** A modelling of large eddies in an axisymmetric jet 8-90957
- Adachi, A.** *see* Kato, I. 8-90123
- Adachi, G.,** Tonomura, F., Shibata, Y., Shio-kawa, J. Phase transformations of rare earth dicarbide solid solutions 8-51672
- Adachi, H.** Relativistic molecular orbital theory in the Dirac-Slater model 8-66480
- Adachi, H.,** Honda, I., Hariu, T., Shibata, Y. Debye-like dielectric dispersion properties of evaporated silicon oxide films at very low frequencies 8-56421
- Adachi, H.,** Sakamoto, M., Shibata, Y. The detection of the self-diffusing of ionic charges in thin insulating films using the surface potential decaying method 8-72295
- Adachi, H.,** Tsukada, M., Satoko, C. Discrete variational $X\alpha$ cluster calculations. I. Application to metal clusters 8-90332
- Adachi, H.,** Yamazaki, Y., Hariu, T., Shibata, Y. DC-bias-dependent dielectric dispersion properties of evaporated silicon oxide films 8-76178
- Adachi, H.** *see* Tanabe, T. 8-72002
- Adachi, H.** *see* Zaima, S. 8-92168
- Adachi, M.,** Eguchi, W., Tsukada, R. Effect of carbon dioxide upon partition equilibrium of iodine between air and aqueous sodium hydroxide solutions 8-78474
- Adachi, M.,** Takeuchi, N. ESR study of copper (II) ions in NaCl X-irradiated at room temperature 8-52343
- Adachi, M.** *see* Ikegami, H. 8-50065
- Adachi, M.** *see* Kikuchi, S. 8-52917
- Adachi, M.** *see* Takada, J. 8-52876
- Adachi, N.** *see* Takeuchi, Y. 8-86116
- Adachi, S.,** Hamaguchi, C. Resonant Brillouin scattering by mode converted TA phonons in CdS 8-72535
- Adachi, S.,** Hamaguchi, C. Resonant Brillouin scattering in CdS by piezoelectrically inactive TA phonon domains 8-84593
- Adachi, S.,** Yoshida, S. Calculation of widths of giant monopole resonances in ^{16}O and ^{40}Ca 8-93984
- Adachi, S.** *see* Ohnaka, T. 8-91119
- Adachi, S.** *see* Yokogawa, M. 8-68526
- Adachi, T.,** Inagaki, T. Eikonal type approximations for potential scattering 8-89635
- Adachi, T.** *see* Hamasaki, M. 8-75954
- Adachi, Y.** *see* Ikoma, T. 8-91759
- Adachi, Y.** *see* Yasuda, H. 8-69660
- Adair, R.K.** *see* Morse, W.M. 8-89858
- Adair, R.T.** *see* Sullivan, D.B. 8-57995
- Adalduev, B.V.** *see* Bol'shakov, A.F. 8-52614
- Adam, A.** Geothermal effects in the formation of electrically conducting zones and temperature distribution in the Earth 8-85519
- Adam, C.M.,** Wolfenden, A. The influence of microstructure on the energy stored in deformed aluminium and aluminium alloys 8-84894
- Adam, D.,** Windhorst, J., Inbar, G.F. The effects of recurrent inhibition on the cross-correlated firing patterns of motoneurons (and their relation to signal transmission in the spinal cord-muscle channel) 8-80861
- Adam, D.** *see* Windhorst, U. 8-85303
- Adam, E.** Trends in energy technology and nuclear power plant safety 8-50282
- Adam, E.,** Gregory, E., Marancik, W. Fabrication of the conductor for the mirror fusion test facility for Lawrence Livermore Laboratory 8-62642
- Adam, E.** *see* Sanger, P. 8-50394
- Adam, Gh.** Phenomenology of the domain walls in thin ferromagnetic films 8-60324
- Adam, I.,** Batsev, S., Vlyov, Ts., Enikova, M., Zhelev, Zh., Penev, I., Stoyanov, Ch., Fominykh, M. Properties of nuclear states in the transition region of neutron-deficient samarium isotopes. IV. ^{148}Sm levels excited by ^{148}Eu decay 8-78261
- Adam, J.,** Bonnal, J.F., Bresson, A., Breton, C., Breton, J., Brossier, P., Bussac, J.P., Cano, R., Chatelier, M., Cotsaftis, M., Cranga, M., Crenn, J.P., Dei-Cas, R., De Michelis, C., Druaux, J., Ginot, P., Girard, J.P., Gravier, R., Hennion, F., How, J., Jacquinet, J., Koehlin, F., Kuus, H., Lasalle, J., Launois, D., Lecoustey, P., Lelegard, J., Maschke, E., Mattioli, M., Mercier, C., Moriette, P., Oberson, R., Platz, P., Plinate, P., Ramponi, G., Renaud, C., Samain, A., Schram, R., Siakavelas, N., Siedziewski, Z., Soule, J.L., Tachon, J., Torossian, A., Touche, J., Veron, D., Werkoff, F., Zarfagna, B. Ion-cyclotron instability in the TFR Tokamak 8-71473
- Adam, J.,** Gromov, K.Y., Honusek, M., Khmildov, A.S., Prazak, F., Siebert, H.-U. Levels in ^{165}Tm excited by the decay of $9.8\text{ min }^{165}\text{Yb}$ 8-74334
- Adam, J.,** Kuklik, A., Spalek, A., Venos, D., Kuznecova, M.J. Gamma radiation from the $^{209}\text{Bi}(\text{He}, 3n\gamma)^{209}\text{At}$ reaction 8-74377
- Adam, J.A.** Magnetohydrodynamic wave-energy flux in a stratified compressible atmosphere with shear 8-93053
- Adam, J.A.** *see* Craik, A.D.D. 8-81852
- Adam, J.D.** *see* Patterson, R.W. 8-68099
- Adam, L.** Computerized brain impedograph 8-77139
- Adam, M.Y.,** Wuilleumier, F., Krummacker, S., Schmidt, V., Mehlhorn, W. Correlation satellites in the outer-shell photoelectron spectrum of argon 8-78671
- Adam, N.,** Collins, G.I. Late components of the visual evoked potential to search in short-term memory 8-61172
- Adam, T.** *see* Roulston, J.E. 8-88743
- Adam, W.E.** *see* Stauch, M. 8-80962
- Adamec, D.** *see* O'Brien, J.J. 8-88837
- Adamenko, A.A.,** Strikhar', O.L., Summovskii, V.V. Linearization of the curve of weakening of the intensity of a beam of β particles in the working portion of a β thickness gauge 8-89440
- Adamenko, A.A.** *see* Summovskii, V.V. 8-76811
- Adameski, R.A.,** Gel'd, P.V., Chuprikov, G.E., Yushkov, V.I. Texture formation during cold rolling of yttrium and gadolinium 8-92275
- Adamiak, K.** Method of the magnetic field synthesis on the axis of cylinder solenoid 8-74814
- Adamik, V.** *see* Suchomel, J. 8-66352
- Adamov, M.N.,** Ivanov, A.I. Calculation of the forces acting on the nuclei in a molecule 8-86774
- Adamovich, I.S.,** Rikards, R.B. Optimizing the mass of shells of revolution with variable geometry and variable reinforcement structure. I. Optimization of shells of revolution with respect to stability under external pressure 8-67030
- Adamovich, M.I.** *see* Boos, E.G. 8-62530
- Adamovich, M.I.** *see* Shabratova, G.S. 8-82359
- Adamowicz, L.,** Sadlej, A.J. Perturbation calculation of molecular correlation energy using Gaussian-type geminals. Second-order pair energies of the first-row diatomic hydrides from minimal Gaussian geminal basis sets 8-78629
- Adamowicz, R.F.** *see* Hercher, M. 8-65973
- Adams, A.** *see* Cvejjanovic, D. 8-50594
- Adams, A.C.** *see* Mogab, C.J. 8-72908, 8-75363
- Adams, A.R.** *see* Ahmad, C.N. 8-87976
- Adams, A.T.** *see* Farrar, A. 8-86999
- Adams, A.T.** *see* Singh, J. 8-62983
- Adams, C.A.,** Kusters, J.A. Deeply etched SAW resonators 8-59248
- Adams, C.N.,** Kattawar, G.W. Radiative transfer in spherical shell atmospheres. I. Rayleigh scattering 8-85872
- Adams, C.T.** *see* Middleton, R. 8-55070
- Adams, D.F.,** Miller, A.K. The influence of material variability on the predicted environmental behavior of composite materials 8-90733
- Adams, D.J.** *see* Hough, J.H. 8-96534
- Adams, D.M.,** Sharma, S.K. Vibrational spectroscopy at very high pressures. XX. Raman and far-IR study of the phase transition in paratellurite 8-80328
- Adams, E.** *see* Weber, C. 8-63464
- Adams, E.D.,** Delrieu, J.M., Landesman, A. Thermodynamic study of magnetically ordered solid ^3He 8-60003
- Adams, E.R.,** Byford, G.H. A dynamic evolutionary spectral analysis for the EEG 8-57102
- Adams, F.** *see* Bartosek, J. 8-86749
- Adams, F.** *see* van Hove, E. 8-68962
- Adams, G.G.** A steadily moving load on an elastic strip resting on a rigid foundation 8-87264
- Adams, G.G.,** Bogy, D.B. The plane symmetric contact problem for dissimilar elastic semi-infinite strips of different widths 8-55615
- Adams, J.A.S.** *see* Gentry, R.V. 8-57210
- Adams, J.B.** Progress on the CERN super proton synchrotron 8-78529
- Adams, J.B.,** Head, J.W., III, McCord, T.B., Pieters, C., Zisk, S. Mare Crisium: regional stratigraphy and geologic history 8-61765
- Adams, J.C., Jr.,** Hodge, B.K. Extended mixing-length applications to compressible turbulent boundary layers 8-94655
- Adams, J.L.,** Botten, L.C., McPhedran, R.C. The crossed lamellar transmission grating 8-59139
- Adams, J.M.,** Attinger, E.O., Attinger, F.M. Cluster analysis of respiratory time series 8-56959
- Adams, J.M.,** Pritchard, R.G. The crystal structure of $4\text{Na}_2\text{SO}_4 \cdot 2\text{H}_2\text{O} \cdot \text{NaCl}$ 8-55841
- Adams, L.M.** *see* Ullrich, R.L. 8-65091
- Adams, M.,** Sines, G. A statistical, micromechanical theory of the compressive strength of brittle materials 8-64618
- Adams, M.,** Sines, G. Crack extension from flaws in a brittle material subjected to compression 8-95812
- Adams, M.C.,** Sibbett, W., Bradley, D.J. Linear picosecond electron-optical chronoscopy at a repetition rate of 140 MHz 8-78019
- Adams, M.J.,** Beadle, B.C., Kirkbright, G.F., Menon, K.R. Optoacoustic spectrometry of surfaces: dielectric coatings for laser mirrors 8-87085
- Adams, M.L.** *see* Szeri, A.Z. 8-51170
- Adams, M.T.,** Coleman, G.D., Stockman, H.S., Strittmatter, P.A., Williams, R.E. The spectrum of Markarian 132 8-89248
- Adams, N.G.** *see* Glosik, J. 8-92443
- Adams, N.G.** *see* Smith, D. 8-81305
- Adams, N.J.,** Munro, H.G., Neale, B.K. The influence of specimen configuration on yield zone formation and fracture resistance 8-68817
- Adams, P.A.,** Sheppard, J.G., Ridler, G.M., Ridler, P.F. New three-parameter empirical extension of the Arrhenius equation suitable for the precise evaluation of pseudo-thermodynamic activation parameters in chemical kinetics 8-85127
- Adams, R.D.,** Coppendale, J., Peppiatt, N.A. Stress analysis of axisymmetric butt joints loaded in torsion and tension 8-63397
- Adams, R.R.** *see* Deepak, A. 8-77321
- Adams, S.** *see* Garrett, S. 8-79831
- Adams, W.H.** Direct calculation of interaction energies with configuration-interaction wavefunctions 8-66477
- Adams, W.H.** Open shell self-consistent-field theory 8-94179
- Adams, W.M.** A triggering digital seismograph utilizing micro-processor with memory for preserving first-motion information 8-96308
- Adamski, J.L.** *see* Copeland, R.L. 8-58506
- Adamski, P.,** Klimczyk, S. The crystallisation rate constant and Avrami index for cholesterol pelargonate 8-94994
- Adamson, M.E.,** Pedersen, L.G. The interaction of charged disks in a dielectric medium 8-66706
- Adamson, T.C., Jr.** *see* Chan, J.S.-K. 8-71366
- Adamushko, A.V.,** Belokon', M.V., Rubinov, A.N. An intraresonator spectrometer based on a continuous jet laser on dyes 8-70197
- Adamyan, V.E.,** Davtyan, A.A., Zakaryan, G.G., Markosyan, A.S., Melikyan, M.A. Magnetic properties of $\text{Gd}_2\text{La}_{1-x}\text{Zn}$ intermetallic solid solutions 8-88101
- Adanu, K.G.,** Grassie, A.D.C. The anomalous low-temperature resistivity of thin films of manganese 8-91789
- Adar, F.** Resonance Raman spectra of ferric cytochrome c. A probe of low-lying electronic levels of the iron ion 8-53335
- Adati, K.,** Kubota, Y., Miyahara, A., Obayashi, H., Sato, T., Watanabe, T., Ohsaki, O., Ishii, E., Watanabe, M., Ito, S. Design, fabrication, and testing of the RFC-XX coil system 8-55007
- Adati, K.** *see* Hiroe, S. 8-59656
- Adati, K.** *see* Watanabe, N. 8-59629
- Adati, K.** *see* Watari, T. 8-83604
- Addepalli, V.** Buddha *see* Buddha Addepalli, V.
- Addington, J.D.** *see* Smith, A.Y. 8-81257
- Addison, J.V.** *see* Gardner, J.W. 8-84028
- Addy, S.K.** *see* Dey, S. 8-55581, 8-79248
- Ade, G.** *see* Hansen, K.-J. 8-70232
- Adeboye, E.A.,** Seth, I.D. The semi-infinite flat plate in a non-homogeneous fluid 8-94639
- Adelberger, E.G.** *see* Dickey, P.A. 8-78315
- Adelberger, E.G.** *see* Freedman, S.J. 8-78304
- Adelberger, E.G.** *see* McDonald, A.B. 8-66198
- Adelberger, E.G.** *see* Osborne, J.L. 8-89870
- Adelberger, E.G.** *see* Robertson, R.G.H. 8-66211
- Adelberger, E.G.** *see* Snover, K.A. 8-70443
- Adeli, H.,** Herrmann, G., Freund, L.B. Effect of axial force on dynamic fracture of a beam or plate in pure bending 8-63385
- Adelman, N.T.** Annular piezoelectric displacement generators 8-62185
- Adelman, S.,** Heynau, H., Levinson, S., Slonim, A., Weindling, F., Lowrey, D.O. Autonomous space rendezvous and docking with a 10.6- μm lidar: recent measurements and results 8-57428
- Adelman, S.J.** Spectrophotometry of B, A, and F stars 8-57546
- Adelman, S.J.** *see* Hill, I. 8-81621
- Adelmann, P.J.,** Helbig, H.F., Czanderna, A.W. Yields of H^+ and He^+ at the energy for elastic scattering from $\text{H}_2^+ + \text{He}^+$ incident on Ag and Pd 8-88394
- Adelstein, S.J.** *see* Mee, L.K. 8-77003
- Ademollo, M.,** Napolitano, E., Sciuto, S. A further pathology of the Coulomb gauge in the non-Abelian Yang-Mills theories 8-49971
- Aden, T.,** Dahlgren, S., Ekelof, T., Grafstrom, P., Gustavsson, K., Hagberg, E., Hallgren, A., Holmgren, B., Jonsson, S., Kulander, S., Moberg, H.O. A shift register read-out system for multiwire proportional chambers 8-86736

- Aden, V.G.**, Asmolov, V.G., Blagovestova, T.I., Kapustin, V.A., Kobzar, L.L., Kudriavtzev, Yu.V., Osmachkin, V.S., Riabov, A.N., Philippov, V.N. The study of heat exchange enhancement in models of fuel elements bundles at the coolant boiling 8-94086
- Adler, J.P.**, Clavelli, L. Diffractive dissociation in the dual model 8-82175
- Aderholz, M.** see Lehraus, I. 8-82577
- Ades, S.**, Champness, C.H. Intermediate infrared optical absorption in intrinsic tellurium 8-84562
- Adgey, A.A.J.**, Campbell, N.P.S., Webb, S.W., Kennedy, A.L., Pantridge, J.F. Transthoracic ventricular defibrillation in the adult 8-57049
- Adhav, R.S.** see Liu, P. 8-83037
- Adhikari, B.M.** see Chakraborty, A.K. 8-90380
- Adhikari, S.K.** Minimal four-body equations 8-66254
- Adhikari, S.K.**, Coelho, H.T., Bezerra Coutinho, F.A., Nogami, Y. Nucleon-nucleon interaction in nuclear matter 8-54714
- Adinberg, R.Z.** see Dil'man, V.V. 8-67179
- Aditya, S.**, Das, R.C. Thermodynamic equilibrium constants of metal complexes: Activity correction 8-56912
- Adjabshirzadeh, A.**, Koutchmy, S. Bright points in sunspot umbra: morphology and intensities 8-89146
- Adkins, R.R.**, Turner, A.G. CNDO/2 localized molecular orbital studies on disulfur dinitride and tetrasulfur dinitride 8-62727
- Adler, C.G.**, Coulter, B.L. Galileo and the Tower of Pisa experiment 8-49582
- Adler, D.** Electronic correlations, defects, and the metal-insulator transition 8-63960
- Adler, D.**, Henisch, H.K., Mott, N. The mechanism of threshold switching in amorphous alloys 8-76122
- Adler, D.** see Ovshinsky, S.R. 8-51882
- Adler, H.I.**, Weinberg, A.M. An approach to setting radiation standards 8-80972
- Adler, J.**, Aharony, A., Oitmaa, J. Renormalisation group studies of the Blume-Emery-Griffiths model in two dimensions 8-54311
- Adler, J.G.**, Konklin, M.K., Magno, R. The technology of IETS 8-90261
- Adler, J.G.** see Konklin, M.K. 8-56235, 8-76139, 8-84356
- Adler, J.G.** see Magno, R. 8-84049
- Adler, L.**, McCathern, D.A. Reflection of a Gaussian ultrasonic beam from Al_2O_3 layer-stainless steel in water at the Rayleigh angle 8-67896
- Adler, L.** see Demer, J.L. 8-77146
- Adler, M.**, Moser, J. On a class of polynomials connected with the Korteweg-de Vries Equation 8-69991
- Adler, M.S.** A new noncapacitive method of determining net surface charge densities using floating field ring devices 8-88037
- Adler, P.M.**, Mills, P.M., Quemada, D.C. Application of a self-consistent model to the permeability of a fixed swarm of permeable spheres 8-67260
- Adler, P.M.** see Amadou, H. 8-90941
- Adler, P.N.**, Schulte, R.L. Stress-induced hydrogen migration in β -phase titanium 8-87823
- Adler, S.** see Ohring, G. 8-81347
- Adler, S.L.** Classical algebraic chromodynamics 8-78144
- Adler, S.L.**, Lieberman, J. Trace anomaly of the stress-energy tensor for massless vector particles propagating in a general background metric 8-86200
- Adler, T.A.**, Houska, C.R. Integrated intensities and lattice parameters for MoSi_2 8-63733
- Adler, W.F.** Rain erosion mechanisms for optical materials 8-83049
- Adler, W.F.**, Hooker, S.V. Rain erosion behaviour of polymethylmethacrylate 8-53001
- Adler, W.F.**, Hooker, S.V. Water drop impact damage in zinc sulfide 8-88543
- Adler, W.F.** see Evans, A.G. 8-52893
- Adlhart, W.**, Frey, F., Schneider, J. A diffractometer using extremely short wavelengths (γ rays) at the FRM reactor 8-54514
- Adlington, M.G.** see Andrews, J.T.S. 8-75603
- Adnot, A.**, Carette, J.D. Superelastic electron scattering in an adsorbed layer 8-56039
- Adnot, A.**, Carette, J.D. Adsorption of CO on W (001) by high resolution electron spectroscopy 8-71999
- Adolf, E.M.** see Timan, B.L. 8-72208
- Adolfs, F.**, Muller, F., Schulte, E. Simple flash X-ray tubes with a new type of cathode 8-58101
- Adolphi, B.**, Mussig, H.-J. LEED-AES investigation of the oxidation of austenitic Cr-Ni steels on the (100)-plane 8-68841
- Adonkin, V.T.** see Dekhtyar, I.Ya. 8-76549
- Adonts, G.G.** see Arutyunyan, V.M. 8-71145
- Adrain, R.S.**, Airey, D.R., Ormerod, E.J. Spectrochemical analysis of steels with laser initiated plasmas 8-88691
- Adrian, F.J.**, Jette, A.N. Valence band study of hyperfine interactions and structure of the noble gas monohalides 8-66473
- Adrian, F.J.** see Jette, A.N. 8-79611
- Adrian, F.J.** see Monchick, L. 8-66567
- Adrian, H.** see Ischenko, G. 8-52131
- Adrova, N.A.** see Sidorovich, A.V. 8-75571
- Adu-Gyamfi, D.** On the electric quadrupole density of an isotropic non-polar fluid 8-94956
- Adunka, F.** Physical and technological properties of DC standards 8-54400
- Advani, S.H.** see Pamidi, M.R. 8-80910
- Advokatov, V.R.** see Dorzhiyev, V.S. 8-88796
- Adzhemyan, L.Ts.** see Adzhemyan, L.V. 8-83881
- Adzhemyan, L.V.**, Adzhemyan, L.Ts., Romanov, V.P., Solov'ev, V.A. High-frequency sound absorption in the vicinity of the critical separation point 8-83881
- Adzhyan, G.S.** see Vartanyan, Yu.L. 8-65646
- Adzie, R.**, Yeager, E., Cahan, B.D. Specular reflectance studies of bromide adsorption on gold 8-61047
- Aebersold, P.** see Stuessi, E. 8-88723
- Aebersold, P.M.** see D'Ambrosio, S.M. 8-77085
- Aebischer, B.** see Pernger, J. 8-50047
- Aegerter, M.** see Mori, Y. 8-60358
- Aegerter, M.A.** see von der Weid, J.P. 8-56504, 8-91952
- Aeppli, G.**, Donelon, J.J., Eastman, D.E., Johnson, R.W., Pollak, R.A., Stolz, H.J. Addition of monochromated UV discharge lamp to X-ray photoemission spectrometer 8-89601
- Aerts, A.Th.M.** see Mulders, P.J.G. 8-74210
- Aeschliman, D.P.** see Cummings, J.C. 8-58999
- Aeschliman, D.P.** see Mulac, A.J. 8-89549
- Afanas'ev, A.A.** see Apanasevich, P.A. 8-88330
- Afanas'ev, A.A.** see Asinovsky, E.I. 8-71564
- Afanas'ev, A.M.**, Litterst, F.J., Gierisch, W. Determination of the ^{57}Co hyperfine field in Pd^{57}Co from Mossbauer emission spectra in the regime of fast relaxation 8-60362
- Afanas'ev, A.M.** see Yalamov, Yu.I. 8-68935, 8-68936
- Afanas'ev, A.Ya.** see Samokhvalov, A.A. 8-88109
- Afanas'ev, I.I.**, Berezhnoi, A.A., Bushneva, T.S., Prokof'ev, S.V. Growth crystals of lead magnoniobate and magnetotantalate 8-88418
- Afanas'ev, N.D.** see Schchelukhin, E.M. 8-75222
- Afanas'ev, N.G.** see Gol'dshtein, V.A. 8-54748
- Afanas'ev, N.G.** see Nemashkalo, A.A. 8-58264, 8-78349
- Afanas'ev, N.G.** see Polishchuk, V.N. 8-54746
- Afanas'ev, V.A.** Programmed unit for atom-absorption analyzers with nonflame atomization 8-54462
- Afanas'ev, V.A.** see Aleksandrov, K.A. 8-86646
- Afanas'ev, V.K.**, Abramov, A.A. Structure of Al-Mg alloys with titanium and zirconium 8-52817
- Afanas'ev, Yu.V.**, Prishchepo, V.A., Porfirov, V.P., Prishchepo, V.A., Gubanova, L.N. Vector magnetometer 8-77355
- Afanasijev, A.A.** see Asinovsky, E.I. 8-87551
- Afanasjev, A.A.**, Pakhomov, E.P. Helical arc column model 8-71593
- Afanasjev, A.A.** see Asinovsky, E.I. 8-71594
- Afanasov, M.I.** see Perfilov, Y.D. 8-80775
- Afanas'yeva, T.B.**, Katsenelenbaum, B.Z. Light propagation in a large-aperture bundle of homogeneous glass fibers, tied together by a helix of metal of glass filament 8-87154
- Afanas'yev, V.N.** see Leont'yev, A.I. 8-83370
- Afaujo, C.B.** de see de Afaujo, C.B.
- Afek, Y.**, Berlad, G., Dar, A., Eilam, G. Multipion production in relativistic heavy-ion collisions 8-89902
- Afek, Y.**, Berlad, G., Dar, A., Eilam, G. Is the criticism of the tube model by Azimov et al. credible? 8-93980
- Affeld, K.** see Clevert, H.-D. 8-88763
- Affolter, K.**, Luthy, W., von Allmen, M. Properties of laser-assisted doping in silicon 8-79621
- Afgan, N.H.**, Jovic, L.A. Intermittent phenomena in the boiling two-phase boundary layer 8-51222
- Afonas'ev, Yu.V.**, Gamalii, E.G., Lebo, I.G., Rozanov, V.B. Laser-plasma parameters near the physical threshold of a thermonuclear reaction 8-83593
- Afonikova, N.S.** see Belash, I.T. 8-88145
- Afonin, I.P.**, Babykin, M.V., Bajgarin, K.A., Bartov, A.V., Gavrin, P.P., Korop, E.D., Mizhiritsky, V.L., Pasechnikov, A.M., Rudakov, L.I. High power beam focusing in a diode and target irradiation at Angara-I accelerator 8-54911
- Afraimovich, E.L.**, Vugmeister, B.O., Zakharov, V.N., Kalikhman, A.D., Korolev, V.A. Experimental investigation of Doppler frequency and angle fluctuations of radiosignal arrival at vertical sounding of the F2 ionospheric region 8-61651
- Afremov, L.L.**, Belokon, V.I. Calculation of the critical field of single domain grains [rock magnetism] 8-61404
- Africano, J.**, Quigley, R. A new nova-like variable-LS55° -8-8-57565
- Africano, J.** see Quigley, R. 8-85956
- Afrikanov, S.A.** see Kazakov, V.A. 8-79089
- Afrosimov, V.V.**, Basalae, A.A., Leiko, G.A., Panov, M.N. Formation of He^+ ions in various electron states in $\text{He}^{+2} + \text{He}$ collisions 8-58815
- Afsar, M.N.** Submillimetre wave measurements on liquid dielectrics 8-95568
- Afzal, N.**, Banthiya, N.K. Mixed convection over a semi-infinite vertical flat plate 8-55646
- Ag, A.** Comments on the dispersion equation of a turbulent plasma-inhomogeneous, magnetoactive case 8-75337
- Ag, A.** see Paris, G. 8-75304
- Agababov, S.G.**, Agababov, V.S. Calorimetric method for experimental determination of emissivity of solids 8-62201
- Agababov, V.S.** see Agababov, S.G. 8-62201
- Agababyan, K.Sh.**, Aroyan, A.A., Mina, R.T. The measurement of helium-air mixture thermoconductivity 8-71421
- Agae, V.G.** see Abdullaev, G.B. 8-59100
- Agafonov, A.V.**, Lebedev, A.N. Stability of a high-current electron beam in a magnetic field 8-66742
- Agafonov, E.A.**, Neumin, G.G., Sorokina, N.A. Variability of hydroptic structure of sea water in some South Atlantic regions 8-77262
- Agalarov, D.G.**, Nuriev, B.R. Numerical solution of the problem of cross blow by the cone over the thread involving the friction 8-55612
- Agapkin, V.M.** see Krivoshein, B.L. 8-83223
- Agapov, P.P.**, Biryukov, S.V., Dzhus, A.S., Kozlovich, L.A., Safroshkin, Yu.V., Chirgadze, Yu.N. SK-2 instrument to resolve complex spectral curves into their components 8-73980
- Agard, M.** see Tsan Ung Chan 8-74313
- Agaronov, B.S.** see Lebedeva, N.N. 8-92121
- Agarwal, A.K.** see Tripathi, H.B. 8-76510
- Agarwal, B.K.**, Johri, R.K. X-ray K-absorption structure of zirconium metal and its compounds 8-76558
- Agarwal, D.C.** see Kist, R. 8-59608
- Agarwal, G.C.**, Gottlieb, C.L. Compliance of the human ankle joint 8-57034
- Agarwal, G.S.**, Narducci, L.M., Gilmore, R., Da Hsuan Feng Optical bistability: A self-consistent analysis of fluctuations and the spectrum of scattered light 8-94383
- Agarwal, G.S.**, Saxena, R. Quantum theory of resonance fluorescence with recoil effects 8-78660
- Agarwal, G.S.** see Narducci, L.M. 8-71067
- Agarwal, G.S.** see Sriram Shastri, B. 8-80117
- Agarwal, M.S.**, Holmes, R. Current distribution in high current vacuum arcs with superimposed axial magnetic fields 8-87572
- Agarwal, R.** see Makhija, I.J. 8-52112
- Agarwal, R.C.** A new least-squares refinement technique based on the fast Fourier transform algorithm 8-91197
- Agarwal, R.C.** see Isaacs, N.W. 8-92595
- Agarwal, R.P.**, Gupta, D.P. An improved stability criterion of third-order non-linear differential equations 8-81801
- Agarwal, S.C.**, Herman, H. Early-stage phase separation in liquid-quenched Al-7 at.% Zn 8-68698
- Agarwal, S.C.**, Potter, D.I., Taylor, A. Effects of oxygen addition on the void-swelling behaviour of vanadium 8-63795
- Agarwal, S.C.**, Taylor, A., Nolfi, F.V., Jr. Swelling in dual-ion-irradiated Fe-15-Cr-20 Ni alloy 8-86600
- Agarwal, S.C.** see Shanker, J. 8-63693, 8-72454
- Agarwal, S.K.** see Sethi, V.C. 8-63945
- Agarwal, U.P.**, Jagannath, H., Ramachandra Rao, D., Rao, C.N.R. Dynamical behaviour of excimers 8-58729
- Agarwal, V.K.** Present status and future potential of monomolecular and multimolecular built-up films 8-71906
- Agarwal, V.K.** On surface waves in generalized thermoelasticity 8-87291
- Agarwal, V.K.**, Arora, V.P., Mansingh, A. Dielectric studies in solid phase EBBA 8-60390
- Agarwal, V.K.**, Krishna, B. Torsional vibrations of spherical shells 8-59322
- Agarwal, V.K.** see Arora, V.P. 8-72456
- Agarwala, U.** see Bhaskara Rao, P. 8-90148
- Agarwala, U.C.** see Nigam, A.N. 8-74676
- Agashkova, N.N.**, Antonenko, A.L., Grigorov, S.N., Lyulichev, A.N., Udovenko, V.F., Khrushch, B.I. Electron microscopic study of photostimulated oxidation of silver films 8-95850
- Agasiev, A.A.**, Lebedeva, N.N., Mamedov, A.M. Luminescence of some oxygen-octahedric ferroelectrics exposed to an electron beam 8-84665

- Agassi, D., Ko, C.M., Weidenmuller, H.A. Calculation of Kr and Xe induced deeply inelastic heavy-ion collisions with the help of a transport equation 8-82380
- Agasyan, E.O., Aleksanyan, A.S., Asatiani, T.L., Gasparyan, A.O., Ivanov, V.A., Megrabyan, G.K., Mkrtchyan, G.G., Pikh-telev, R.N. Separation of electron-photon cascades with the aid of a scintillation counter system 8-78563
- Agee, E.M., Sheu, P.J. MCC and gull flight behavior 8-81269
- Ageenko, I.S. see Il'yasov, S.G. 8-58004, 8-65985
- Ageev, L.A., Miloslavskii, V.K., Shklyarevskii, I.N. Herschel effect in thin granular AgI-Ag films 8-82063
- Ageev, M.N. see Ivanov, A.N. 8-76667
- Ageev, V.A., Shirokanov, A.D., Yankovskii, A.A. An investigation of processes leading to a shift in the capillary charge torch 8-83539
- Ageeva, L.E., Brachovskaya, N.B., Lunter, S.G., Przhnevskii, A.K., Tolstoi, M.N. Determination of the stimulated emission cross section of neodymium glasses by measurement of the absorption from the thermally populated $^4I_{11/2}$ levels 8-71107
- Ageeva, V.S., Pugina, L.I., Fedorchenko, I.M., Paderno, V.N., Korkh, L.M., Berezovskaya, O.A. Sintering and formation of the structure of low-porosity iron-base materials 8-60601
- Agekyan, T.A., Pit'ev, N.P. Gradient of field of directions normal to a trajectory and forms of the potential 8-65662
- Agekyan, T.A., Pit'ev, N.P., Saginashvili, M.G., Yakimov, S.P. A method for determination of a complete class of potentials forming the velocity field of given multiplicity 8-69665
- Ageron, P., Mame, W., Golub, R., Pendel-bury, J.M. Measurement of the ultra cold neutron production rate in an external liquid helium source 8-70678
- Aggarwal, A.K. see Gupta, P.C. 8-49922
- Aggarwal, B.K. see Majumdar, N.C. 8-81273
- Aggarwal, G.C., Sharma, P.K. Measurement of blocked air pore volume in soils (porous media) 8-57231
- Aggarwal, J.K. A directionally insensitive thin-film shear-stress gauge 8-55702
- Aggarwal, M. see Singh, M.P. 8-69124
- Aggarwal, M.M., Mitttra, I.S., Singh, J.B., Sood, P.M., Bhowmik, B., Sengupta, P.K., Singh, S. Characteristics of fireballs in 400 GeV/c proton-nucleon collisions 8-58173
- Aggarwal, R.K., Bhatia, G. Physical characteristics of baked carbon mixes employing coal tar and petroleum pitches [as binder] 8-80483
- Aggarwal, R.L. see Stoeltinga, J.H.M. 8-87996
- Aggarwal, R.L. see Weiler, M.H. 8-68383
- Aggson, T.L. see Heppner, J.P. 8-85807
- Aghahosseini, H., Parkinson, J.B. Two spin deviation states in a spin-1 system with Heisenberg and biquadratic exchange 8-84378
- Aglik, E.V., Boiko, V.A., Faenov, A.Ya., Korneev, V.V., Krutov, V.V., Mandelstam, S.L., Pikuz, S.A., Sazonova, U.I., Sylwester, J.A., Urnov, A.M., Vainshtein, L.A., Zhitnik, I.A. New satellite structure of the solar and laser plasma spectra in vicinity of the $L\alpha$ (Mg XII) line 8-53912
- Agmon, P. see Shellan, J.B. 8-66882
- Agnew, D.C., Farrell, W.E. Self-consistent equilibrium ocean tides 8-96218
- Agnihotri, C.P. see Gopala Rao, U.V. 8-81434
- Agnihotri, O.L., Gupta, B.K., Sharma, A.K. Optical-absorption edge in cadmium stannate selective coatings 8-83046
- Agnihotri, O.P. see Gupta, B.K. 8-71713
- Agnoux, D., Augard, J.M., Escanyé, J.M., Gerl, M. Electrodiffusion and electroconvection in SnIn and SnSb dilute liquid alloys 8-87802
- Agostinelli, C. On a particular solution of the problem of the motion of a rigid asymmetric body in a Newtonian force field 8-81822
- Agostini, P., Wheatley, S.E., Levenson, M.D., Georges, A.T., Lambropoulos, P. Saturation effects in resonant three-photon ionisation of sodium with a non-monochromatic field 8-58632
- Agostini, P. see Wheatley, S.E. 8-90137
- Agrafenin, Yu.V., Getalov, V.S., Zaitin, V.M., Kravchenko, A.F., Terekhov, A.S. Dynamic optically controlled transparencies using gallium arsenide MIS structures 8-90523
- Agraives, B.C., Combet, M., Di Piazza, L., Haurie, Y., Pagny, C. Angle detector for tribometric measurements 8-92434
- Agrawal, B.K., Talwar, D.N., Singhai, D., Tripathi, S., Ram, P.N., Tiwari, M.D. Impurity modes and infrared absorption in doped semiconductors 8-76506
- Agrawal, B.K., Talwar, D.N. Impurity lattice modes due to single and paired defects in germanium 8-75780
- Agrawal, B.K. see Indu, B.D. 8-51699
- Agrawal, G.G., Shanker, J. Theory of short range interactions and static polarizabilities of alkali halides 8-71702
- Agrawal, G.G. see Shanker, J. 8-80274, 8-83767
- Agrawal, H.M. E_2 -transition probabilities and Davydov-Rostovsky model 8-74330
- Agrawal, M.C. see Pirjola, R. 8-85334
- Agrawal, R., Sandler, S.I., Narten, A.H. The structure of liquid bromine. II. Theory and computer simulation 8-59734
- Agrawal, R. see Narten, A.H. 8-59733
- Agrawal, R.C. The GH branch of PKP from deep-focus earthquakes 8-61341
- Agrawal, R.C. S times for deep-focus Indian earthquakes 8-77188
- Agrawal, R.C. see Suresh Chandra 8-76876
- Agrawal, S.C., Sharma, L.P., Shanker, J. Correlation between ionic radii, electronic polarizabilities and effective nuclear charges of ions 8-63694
- Agrawal, S.C. see Shanker, J. 8-79559
- Agrawal, S.P., Lanzerotti, L.J., Venkatesan, D. Solar-polar coronal holes and the north-south cosmic ray gradient 8-89019
- Agrawal, V.K. Rotation twinning in cadmium iodide crystals 8-51557
- Agrawal, V.K. see Beniere, F. 8-79627
- Agrawal, V.K. see Sharma, S.D. 8-92268
- Agren, H., Nordgren, J., Selander, L., Nordling, C., Siegbahn, K. Multiplet structure in the high-resolution X-ray emission spectrum of neon 8-82678
- Agren, H. see Nordgren, J. 8-50558
- Agren, J., Johansson, H. Fracture toughness of 18Cr-2Mo ferritic stainless steel subjected to '475°C embrittlement' 8-84982
- Agrest, E.M., Korets, V.L. Large-scale spatial oscillations of a cavity in a sound field 8-94775
- Agrest, R.I. Analysis of construction capabilities of perfectly compensated measuring transducers 8-89469
- Agron, P.A. see Carlson, T.A. 8-74959
- Agroskin, L.S. see Averkiev, S.A. 8-88342
- Agu, M., Teramachi, Y. Prediction of catastrophes in bistable systems using externally applied random force 8-77823
- Agu, M. see Kuzuta, N. 8-55287
- Agudin, J.L., Platzcek, A.M. Fermat's principle and evanescent waves 8-58902
- Agudin, J.L., Platzcek, A.M. Trajectories of the reflected and transmitted beams in the oblique tunnel effect 8-78903
- Agudin, J.L., Platzcek, A.M. On the limit for $\beta \rightarrow 0$ of the Toraldo di Francia expansion 8-82881
- Aguliar, J., Nakamura, H. Variable-screening model for diatomic molecules 8-74587
- Aguliar, M., Jaque, F., Cabrera, J.M. On the influence of coloration on the intrinsic luminescence in NaCl 8-80399
- Aguliar, M., Mateos, F., Pardo, M., Quintana, J.A. Effect of object beam depolarization on the light flux of the holographic image 8-50733
- Aguliar-Benitez, M., Cerrada, M., Gonzalez-Arroyo, A., Rubio, J.A., Yndurain, F.J., Cooper, A.M., Gurtu, A., Malhotra, P.K., Raghavan, R., Subramanian, A., Hamatsu, R., Montanet, L., Defoix, C., Dobrzynski, L., Nacasch, R. Study of a K^0 K^0 threshold enhancement observed in the final states $pp \rightarrow K^0 K^0$ + pions at 700-760 MeV/c 8-82228
- Aguliar-Benitez, M. see Cooper, A.M. 8-62465, 8-78205
- Aguliar-Benitez, M. see Nacasch, R. 8-54646
- Agular, S., Jr. see Nevin, J.H. 8-91352
- Agullo-Lopez, F. see Pascual, J.L. 8-95604
- Ahalpara, D.P. Collective bands of the positive parity states in $f_{7/2}$ shell nuclei 8-54677
- Ahalpara, D.P., Bhatt, K.H. Enhanced isospin dependence of the empirical particle-hole effective interaction 8-78274
- Aharoni, A. Limits of validity of the one-dimensional wall theory for bubble materials 8-56361
- Aharoni, C., Ungarish, M. Kinetics of activated chemisorption. IV. Differential heat of adsorption 8-84062
- Aharoni, S.M. Segmental distribution in amorphous polymers as elucidated from crystallization and relaxation times 8-51443
- Aharoni, S.M. Segmental distribution in amorphous polymers: review of light-, neutron-, and X-ray scattering results, stress-optical and dielectric measurements 8-51444
- Aharoni, S.M. Instantaneous shape and segmental density of flexible linear macromolecules. I. Direct observation of tagged poly(cis-isoprene) molecules in untagged matrix 8-62966
- Aharonov, Y. see Knight, J.M. 8-66795
- Aharony, A. Critical phenomena in disordered systems 8-52269
- Aharony, A. Renormalized critical behavior of constrained dipolar Ising ferromagnets 8-52272
- Aharony, A. Low-temperature phase diagram and critical properties of a dilute spin glass 8-60291
- Aharony, A., Imry, Y. Phase diagrams and dimensionality shift in 'random site' spin glasses 8-52282
- Aharony, A., Imry, Y. Electron localization and the mobility edge as a spin glass problem 8-52283
- Aharony, A. see Adler, J. 8-54311
- Aharony, A. see Bergman, D.J. 8-52273
- Ahearn, J.S., Mills, J.J., Westwood, A.R.C. Effect of bias voltage on the hardness of {1010} ZnO surfaces immersed in an electrolyte 8-52078
- Ahern, F.J. Photoelectric spectrophotometry of compact nebulae 8-89236
- Ahern, T.K. see Russell, R.D. 8-64907
- Ahlberg, L. see Evans, A.G. 8-67772
- Ahlberg, P. see Bohman, O. 8-50584
- Ahlborn, B. see Roberts, W. 8-52852
- Ahlborn, B., Dean, D., Bressler, B.H. Measurement of the position and displacement of a light beam with spiral scanner 8-96120
- Ahlborn, B. see Ariga, S. 8-55397
- Ahlen, S.P. Z_1^2 stopping-power formula for fast heavy ions 8-59846
- Ahlen, S.P. see Tarle, G. 8-89024
- Ahlers, G. Thermal conductivity of ^4He vapor as a function of density 8-55712
- Ahlers, G. Critical phenomena and the superfluid transition in ^4He 8-59989
- Ahlgren, G. see Asbrink, L. 8-92452
- Ahlgren, W.L., Sari, S.O. Optical and electrical experiments at some transition-metal oxide foil-electrolyte interfaces 8-88644
- Ahlmas, K. see Solomon, H. 8-81182
- Ahlrichs, R., Hoffmann-Ostenhof, M., Hoffmann-Ostenhof, T. Bounds for the long-range behavior of electronic wavefunctions 8-50459
- Ahlquist, A.J., Umbarger, C.J., Stoker, A.K. Recent developments for field monitoring of alpha-emitting contaminants in the environment 8-70646
- Ahlrichs, R. see Hoffmann-Ostenhof, T. 8-94191
- Ahlrichs, R. see Rupp, M. 8-78640
- Ahlstrom, H.G. see Boyle, M.J. 8-75422
- Ahlstrom, H.G. see Slivinsky, V.W. 8-59672
- Ahlstrom, H.G. see Storm, E.K. 8-58312, 8-74471
- Ahmad, C.N., Adams, A.R. Uniaxial stress measurements on n-type GaAs 8-87976
- Ahmad, I., Sjolom, R.K., Friedman, A.M., Yates, S.W. Proton states in the $Z=99$ nucleus ^{251}Es excited by ^{251}Fm electron capture decay and $^{250}\text{Cf}(\alpha, t)$ reaction 8-78268
- Ahmad, I. see Griffin, H.C. 8-78314
- Ahmad, N., Day, M.C. The solvation number of the sodium ion 8-95987
- Ahmad, S.N. see Perry, E.C., Jr. 8-81155
- Ahmad, T., Heinsohn, J., Straitz, J.F., III Using electric fields to detect and control smoke in industrial flare flames 8-81360
- Ahmad-Bitar, R. see Pritchard, D.E. 8-86871
- Ahmadi, G. On functional methods for studying heat conduction in solids with random conductivity 8-83210
- Ahmadi, G., Shahinpoor, M. Decay of the energy of a first order Cosserat fluid with heat and mass transfer 8-94524
- Ahmadi, G., Tadjbakhsh, I., Farshad, M. On the response of nonlinear plates to random loads 8-94604
- Ahmadi, G. see Shahinpoor, M. 8-51203, 8-65194
- Ahmed, A., Porstendorfer, J., Robig, G. Dry deposition of monodisperse particles on simulated grass surfaces 8-81396
- Ahmed, A. see Robig, G. 8-81395
- Ahmed, A.A. see El-Shamy, T.M. 8-64752
- Ahmed, A.S.A. see Nicol, A.A. 8-94550
- Ahmed, F. see Kumar, A. 8-58320
- Ahmed, K. see Ijaz-ur-Rahman 8-72283
- Ahmed, M. Fluctuation conductivity of a single-impurity Kondo system 8-76064
- Ahmed, M.U., Shanley, P.E. Pole positions of ^3He resonances from various models of the n- ^4He interaction 8-70530
- Ahmed, N.A., El-Kordy, M.A., El-Khooly, E. Diamagnetic susceptibility of some organic compounds 8-80123
- Ahmed, S. Systems of nonlinear equations for the zeros of Hermite polynomials 8-69961
- Ahmed, S. Novel properties of the zeros of Laguerre polynomials 8-69962
- Ahmed, S., Bruschi, M. On the zeros of combinations of Laguerre polynomials 8-57772
- Ahmed, S., Bruschi, M. On the zeros of combinations of Jacobi polynomials 8-57773
- Ahmed, S., Calogero, F. On the zeros of Bessel functions. IV 8-49639
- Ahmed, S., Calogero, F. On the zeros of Bessel functions 8-49640
- Ahmed, S., Schlenker, C., Buder, R. Metal-insulator transitions in $(\text{Ti}_{1-x}\text{V}_x)_2\text{O}_5$ 8-51895
- Ahmed, S.A.S. see Deka, P.K. 8-53928
- Ahmedli, G.T. see Aliguliev, R.M. 8-60640

- Ahner, H.F.** Two-trial examination system in a general physics course 8-49612
- Ahner, H.F., Moose, A.E.** Corrigendum to 'covariant inverse problem of the calculus of variations' 8-77773
- Ahner, H.F.** see Fisher, K. 8-86407
- Ahnert, C.** see Velarde, G. 8-50231
- Ahonen, A.L., Alvesalo, T.A., Haavasoja, T., Veuro, M.C.** Surface-induced ferromagnetism in ^3He 8-79844
- Ahouse, D.R.** see Yoder, M.J. 8-71074
- Ahrenkiel, R.K.** Properties of CoCr_2S_4 applicable to Faraday rotators for CO_2 laser systems 8-95579
- Ahrenkiel, R.K., Weiss, P., Watkins, D., Gulati, S.K., Grannemann, W.W.** The Faraday effect in $\text{Hg}_{1-x}\text{Cd}_x\text{Te}$ at CO_2 laser wavelengths 8-64348
- Ahrens, H.** see Schadel, M. 8-78408
- Ahrens, H.** see Zipp, P. 8-85405
- Ahrens, K., Schaack, G.** Observation of magnetic field and concentration dependent scattering of optical phonons by rare-earth ions in a paramagnetic crystal 8-68518
- Ahrens, T.J.** see O'Keefe, J.D. 8-61769
- Ahrens-Botzong, R., Kadibelban, R., Hess, P.** Characteristic behavior of molecules at low temperatures: vibrational self-relaxation of CHF_3 and CF_4 8-63529
- Ahsan, Z., Husain, S.I.** Invariants of curvature tensor and gravitational radiation in general relativity 8-57836
- Ahuja, A.S., Dubuque, G.L., Hendee, W.R.** Output factors and scatter ratios for radiotherapy units 8-92708
- Ahuja, A.S., Hendee, W.R.** Effects of particle shape and orientation on propagation of sound in suspensions 8-59171
- Ahuja, A.S., Hendee, W.R.** Thermal design of a heat exchanger for heating or cooling blood 8-92744
- Ahuja, A.S., Hendee, W.R., Carson, P.L.** Transport phenomena in laminar flow of blood 8-92669
- Ahuja, H.N.** see Cheema, P.S. 8-81200
- Ahuja, K.K.** see Dosanjh, D.S. 8-63468
- Ai, B., Destruel, P., Hoang** The Giam Theoretical and experimental analysis methods of the piezostimulated current curves for the determination of the dielectric relaxation time versus pressure and temperature 8-92020
- Ai Guo-Xiang** see Wang Jian-Min 8-69680
- Aibara, T.** see Murakami, K. 8-96039
- Aicardi, J.P.** see Masse, G. 8-68567
- Aida, I.** Simulations of large tsunamis occurring in the past off the coast of the Sanriku District 8-65199
- Aida, I.** Numerical experiments for inundation of tsunamis. Susaki and Usa, in Kochi Prefecture 8-96150
- Aida, K.** see Ito, T. 8-79108
- Aida, M.** see Sakuma, Y. 8-56886
- Aidagulov, R.R., Khabeev, N.S., Shagapov, V.Sh.** Shock structure in a liquid containing gas bubbles with nonsteady interphase heat transfer 8-83424
- Aiello, S., Guidi, I., Perinotto, M.** Is gas in the Orion Nebula depleted? 8-69854
- Aiello, S., Melchiorri, F., Mencaraglia, F.** The Zel'dovich effect and the intergalactic dust in galaxy clusters 8-54041
- Aiello, W.P.** see Anderson, K.A. 8-85787
- Aifantis, E.C., Beskos, D.E., Gerberich, W.W.** Diffusion in dislocation fields 8-63766
- Aifantis, E.C., Gerberich, W.W.** Gaseous diffusion in a stressed-thermoelastic solid. I. The thermomechanical formulation 8-51064
- Aifantis, E.C., Gerberich, W.W.** Gaseous diffusion in a stressed-thermoelastic solid. II. Thermodynamic structure and transport theory 8-51065
- Aifantis, E.C., Gerberich, W.W.** A path independent integral for symmetric stress-diffusion fields surrounding line cracks 8-67130
- Aihara, M.** Transient polarization characteristics associated with resonant light scattering by a degenerate two-level system 8-94382
- Aihara, W.** see Imai, S. 8-83624
- Aiken, S.** see Holly, S. 8-59044
- Aiki, K.** see Chinone, N. 8-82968
- Aikin, A.C., Maier, E.J.R.** Balloon-borne photoionization mass spectrometer for measurement of stratospheric gases 8-85732
- Ailawadi, N.K.** see Bansal, R. 8-59728
- Ailion, D.C.** see Stokes, H.T. 8-88213
- Aiman, W.R.** see Stephenson, D.A. 8-64837
- Aime, C.** A morphological interpretation of the spatial power spectrum of the solar granulation 8-65581
- Aime, C.** The influence of scanning rate in sequential analysis of fringes produced by a Michelson interferometer 8-77976
- Aime, J.P., Ern, V., Fave, J.L., Schott, M.** Triplet excitons in crystalline trans-stilbene. I. Spectroscopy of the $S_0 \rightarrow T_1$ transition 8-76518
- Ainbinder, S.B., Andreeva, N.G.** Effect of character of counterbody roughness on the wear resistance of composites based on polyethylene 8-68826
- Ainbinder, S.B., Tyunina, E.L.** Polymer friction. V. Calculation of the coefficient of friction for contact of isotropic surfaces 8-64716
- Ainbinder, S.B., Tyunina, E.L.** Calculation of the contact area under a nonuniformly distributed load 8-67155
- Ainscough, J.B., Weldon, S.C., Butler, G.G.** The relationship between intercept length and grain diameter in sintered uranium dioxide pellets 8-52743
- Ainshtein, V.G.** see Gel'perin, N.I. 8-59461
- Ainsworth, J.E., Herman, J.R.** An analysis of the Venus thermal infrared temperature maps 8-89094
- Ainsworth, R.A., Goodall, I.W.** Estimating the creep life of structures subjected to arbitrary cyclic loading 8-90722
- Ainsworth, W.A.** Perception of speech sounds with alternate formants presented to opposite ears 8-65043
- Ainsworth, W.A.** Some effects of adaptation on phoneme boundaries 8-80884
- Aints, M., Haljaste, A., Kudu, K.** Investigation of HF point-discharge formation by electron-optical technique 8-67581
- Aints, M., Haljaste, A., Kudu, K.** Sequence of the primary-secondary streamer in short point-to-plane air gaps 8-87569
- Aird, P.J., Cherry, B.W.** Frictional properties of branched polyethylene. I. The true area of contact 8-64735
- Airey, D.R.** Simple convection-loop dominated model for optically thick SF_6 arcs 8-87519
- Airey, D.R.** Time dependent energy balance of a 20 kA SF_6 arc contaminated with electrode vapour 8-87525
- Airey, D.R.** see Adrain, R.S. 8-88691
- Airo, P.** On the superstructure of the alloy Au-18 at. % Mg 8-75630
- Aisaka, T.** see Haga, E. 8-64017
- Aishima, A., Yokoo, K., Ono, S.** Monte Carlo calculation of diffusion coefficient in n-type GaAs 8-56152
- Aisin, R.G.** see Mel'gui, M.A. 8-60913
- Aitchison, I.J.R., Brehm, J.J.** Unitary analytic isobar model for the reaction nucleon-meson to nucleon-meson-meson 8-78114
- Aitken, D., Tyler, S.K., Goodhew, P.J.** A technique for the preparation of thin foils from regions near to a metal surface 8-57919
- Aitken, D.K.** see Rank, D.M. 8-96522
- Aitken, J.M., Young, D.R., Pan, K.** Electron trapping in electron-beam irradiated SiO_2 8-72268
- Aitken, M.J.** Archaeological involvements of physics 8-58104
- Aitken, M.J.** see Huxtable, J. 8-92808
- Aitken, R.G., Kouvel, J.S.** Low-temperature specific heat of a Ni-Cu alloy in various magnetic fields 8-68262
- Aitken, T.W., Goodall, I., Spurling, K.** Stabilisation of an electrostatic generator using a digital computer 8-82004
- Aitkenhead, W.** see Cutts, D. 8-89746
- Aiton, E.J.** Kepler's path to the construction and rejection of his first oval orbit for Mars 8-62027
- Ait'yan, S.Kh., Chizmadzhev, Yu.A.** Reduced flow diagrams in the theory of single-file ionic transport 8-69022
- Ait'yan, S.Kh.** see Malev, V.V. 8-69023
- Aivazov, M.I., Rezhikova, T.V., Gurov, S.V.** Scandium nitride in its region of homogeneity 8-52018
- Aivazova, L.S.** Photoelectromotive force on microtwinning lamella in cubic single crystals of silicon carbide 8-60165
- Aivazova, L.S., Gorin, S.N., Sidiyakin, V.G., Shvarts, I.M.** Electrical properties of cubic silicon carbide 8-51996
- Aivazyann, T.M., Aivazyann, Yu.M., Khachoyan, A.V.** Effect of anharmonic ultrasonic vibrations excited in crystals on Mossbauer emission and absorption spectra 8-72443
- Aivazyann, Yu.M., Bolotovskii, B.M.** Vavilov-Cherenkov radiation as a threshold effect 8-82895
- Aivazyann, Yu.M.** see Aivazyann, T.M. 8-72443
- Aiyar, A.S., Alexander, K.C.** Radiation-induced alterations in mitochondrial protein synthesis in rat liver 8-80925
- Aizawa, N., Teshima, T., Umemura, I.** 'x' particles and their radiative interactions 8-62395
- Aizawa, T.** see Nakamura, H. 8-66416
- Aizawa, Y.** Stochastic process of nucleation in the early stage 8-70060
- Aizawa, Y.** see Okajima, Y. 8-88390
- Aizenman, M., Goldstein, S., Lebowitz, J.L.** Conditional equilibrium and the equivalence of microcanonical and grandcanonical ensembles in the thermodynamic limit 8-93596
- Aizenman, M., Lebowitz, J., Marro, J.** Time-displaced correlation functions in an infinite one-dimensional mixture of hard rods with different diameters 8-54287
- Aizenman, M., Lieb, E.H.** On semi-classical bounds for eigenvalues of Schrodinger operators 8-70010
- Aizu, K.** Theory of possible incommensurate phases, their ferroelectricity and their effect on the real incommensurate transition in ammonium Rochelle salt 8-52455
- Aizu, K.** Theory of the induction of incommensurate condensations of hard modes by an incommensurate condensation of the soft modes in a substance like K_2SeO_4 8-55931
- Aizu, K.** A note on the relationship between the soft mode and the temperature of setting the prototype 8-63833
- Aizu, K.** A further study of stirrability and unstirrability among soft modes 8-87759
- Aizu Ko** see Ko Aizu
- Ajayi, S.O., Wigwe, F.E.W.** The standard potential of copper amalgam electrode and the activity coefficient of copper sulphate in aqueous solution 8-76874
- Ajello, J.M.** An interpretation of Mariner 10 helium (584 Å) and hydrogen (1216 Å) interplanetary emission observations 8-65475
- Ajello, J.M.** see Chun, S.F.S. 8-85883
- Ajinenko, I.V., Bryzgalov, V.V., Chliapnikov, P.V., Gorbunov, P.A., Manyukov, B.A., Perevozchikov, V.M., Rybin, A.M., Tchikilev, O.G., De Wolf, E., Gysen, M., Tavernier, S., De Beer, M., Loret, M., Saudraix, J., Scheuer, J.C., Blumenfeld, H., Strachman, Z., Dujardin, C., Laurent, J., Windmolders, R.** An analysis of K^+p interactions at 32 GeV/c in terms of 'principal-axis' variables 8-58206
- Ajinenko, I.V.** see Granet, P. 8-93913
- Ajro, Y., Endoh, Y., Terata, N., Matsurra, M.** A field induced antiferromagnetic order in $\text{Cu}(\text{HCOO})_2 \cdot 4\text{D}_2\text{O}$ above T_N 8-84389
- Ajro, Y., Hamashima, M., Kubo, T.** Observation of a field-suppression of spin fluctuations in TMMC by nuclear magnetic resonance 8-91971
- Ajro, Y.** see Hamashima, M. 8-60333, 8-91970
- Ajro, Y.** see Shimizu, M. 8-56375
- Ajmera, R.C.** see Lee, C.S. 8-54339
- Ajo, D., Casarin, M., Granozzi, G., Tondello, E.** Effects of assumed electronic configuration on the electronic band calculations of second series transition metals 8-51883
- Ajovalasit, A., Bambina, N., Martorana, V.** Determination of absolute retardations by vectorial reconstruction 8-87315
- Ajzenberg-Selove, F.** Energy levels of light nuclei A=18-20 8-62478
- Ajzenberg-Selove, F., Flynn, E.R., Hansen, O.** (tp) reactions on ^4He , ^6Li , ^7Be , ^{10}B , ^{11}B , and ^{12}C 8-70544
- Ajzenberg-Selove, F., Flynn, E.R., Sunier, J.W., Hanson, D.L.** States of ^{122}In and ^{124}In 8-66290
- Ajzenberg-Selove, F.** see KeKelis, G.J. 8-78245
- Akabane, K., Hata, S.** Measurement of the aperture efficiency of 6m mm-wave antenna 8-89061
- Akabane, K.** see Hata, S. 8-89095
- Akaboshi, M.** see Kanemochi, S. 8-63811, 8-76687
- Akaboshi, M.** see Kawai, K. 8-53449
- Akaev, A., Ivanov, V.S., Romanov, Yu.F., Starodubtsev, E.V.** Reflection-phase-hologram storage system 8-78966
- Akagi, K., Kukimoto, H., Nakayama, T.** Low-voltage red cathodoluminescence of ZnSe single crystals 8-80423
- Akagi, K.** see Oda, S. 8-52585
- Akagun, M.** Concentration dependence of the relaxation frequency and activation energy of $(\text{MnSO}_4 \cdot \text{H}_2\text{O})$ solutions 8-55913
- Akagun, M.** Concentration dependence of the third ultrasonic relaxation frequency and activation energy of $(\text{MnSO}_4 \cdot \text{H}_2\text{O})$ solutions 8-63814
- Akahoshi, S.** see Miyakawa, K. 8-75535
- Akai, H.** see Kanamori, J. 8-95254
- Akai, K., Ohnishi, Y., Mizobe, H.** Bearing capacity of weathered rock mass determined by graphical solution of pole trial method 8-56706
- Akaike, N., Fishman, H.M., Lee, K.S., Moore, L.E., Brown, A.M.** The units of calcium conduction in Helix neurones 8-77041
- Akaïke, S.** see Satow, T. 8-79519
- Akaishi, K.** see Hiroe, S. 8-59656
- Akaishi, S.** see Murakami, K. 8-96039
- Akaishi, Y., Sato, M., Tanaka, H.** Effects of three-body force on the energy levels of the alpha particle 8-54692
- Akaishi, Y.** see Nakachi, S. 8-94349
- Akama, K., Chikashige, Y., Matsuki, T.** Unified model of the Nambu-Jona-Lasinio type for the gravitational and electromagnetic forces 8-65850
- Akama, K.** see Terazawa, H. 8-62345

- Akamatsu, K.** see Komatsu, S. 8-84831
Akamatsu, T. see Fujikawa, S. 8-67231
Akao, F. see Miyasato, T. 8-59863
Akao, M. see Hata, M. 8-95019
Akao, Y. see Kondo, K. 8-75003
Akaogi, M. see Toriumi, K. 8-51481
Akap'ev, G.N. see Tret'yakova, S.P. 8-86714
Akashi, T., Sawaoka, A., Saito, S. Effect of TiB₂ and boron additions on the stability of wurtzite-type boron nitride at high temperatures and pressures 8-80542
Akashi, Y. see Kitajima, K. 8-71760
Akasofu, S.-I. The interaction between a magnetized plasma flow and a magnetized celestial body: A review of magnetospheric studies 8-65496
Akasofu, S.-I. Magnetospheric substorms 8-69613
Akasofu, S.-I. The aurora: an electrical discharge process around the Earth 8-77386
Akasofu, S.-I., Lui, A.T.Y., Meng, C.I., Haurwitz, M. Need for a three-dimensional analysis of magnetic fields in the magnetotail during substorms 8-61666
Akasofu, S.-I. see Caan, M.N. 8-89007
Akasofu, S.-I. see Falthammar, C.-G. 8-93051
Akasofu, S.-I. see Horwitz, J.L. 8-77431
Akasofu, S.-I. see Lui, A.T.Y. 8-61665, 8-96357
Akasofu, S.-I. see Perreault, P. 8-85771
Akatkin, O.A. Determination of effective absorption coefficient for soft X-rays 8-49950
Akatov, L.L., Gantsevich, S.V., Katilyus, R., Rysakov, V.M. Collision-controlled scattering of light by free electrons in semiconductors and influence on scattering of electric field 8-64375
Akatsuka, K., Yasuda, Y., Matsuura, T. International time and frequency comparison via Loran-C 8-81951
Akay, A., Hodgson, T.H. Sound radiation from an accelerated or decelerated sphere 8-50966
Akay, A., Saibel, E. Fracture time of composites under tensile loading 8-88521
Akay, G. Numerical solutions of some unsteady laminar flows of viscoelastic fluids in concentric annuli with axially moving boundaries 8-79295
Akaya, I. Modal electromagnetic field solutions for axially symmetrical, linear, homogeneous media 8-78857
Akazaki, M., Tsuneyasu, I. Breakdown process of a rod to plane air gap under negative impulse voltage 8-67563
Akazaki, M. see Hara, M. 8-78853
Akazaki, M. see Kudo, K. 8-55753
Akbar, R.A. see Khan, H.A. 8-66454
Akbari, R.P. see Patel, L.K. 8-93565
Akbarov, U., Uzakov, U., Umirbekov, K. Activation of elements in (γ , γ') reaction by ¹⁶N γ rays 8-88689
Akdemir, B. Ultrasonic velocities and absorption measurements in argon (Ar), dichlorodifluoromethane (CCl₂F₂), monochlorodifluoromethane (CHClF₂) gases, and the mixture of monochlorodifluoromethane + argon 8-63530
Akebi, M. see Shima, S. 8-86675
Aked, A. see Kurimoto, A. 8-67572, 8-87583
Akent'ev, L.G. see Balashkand, M.I. 8-53752
Akers, L.A. see Soukup, R.J. 8-80053
Akgaev, A. see Vasileva, R.P. 8-51973
Akhiezer, A.I., Boldyshev, V.F., Shul'ga, N.F. Theory of the radiation of relativistic channeled particles 8-83859
Akhiezer, I.A., Davydov, I.N., Spol'nik, Z.A. On the effect of subvoltage electrons on the stopping of fast ions 8-55901
Akhiezer, I.T. Metamagnetic dielectrics at finite temperatures 8-88118
Akhmadiev, F.G. see Kafarov, V.V. 8-63485
Akhmadullin, I.Sh. see Saburova, R.V. 8-71801
Akhmanov, S.A., Bunkin, A.F., Ivanov, S.G., Koroteev, N.I. Polarization coherent active Raman spectroscopy and coherent Raman ellipsometry 8-55414
Akhmanov, S.A., Emel'yanov, V.I. Nonlinear effects in generation of optical and acoustic phonons by infrared resonance radiation 8-50865
Akhmanov, S.A., Zhdanov, B.V., Kovrigin, A.I., Kuznetsov, V.I., Pershin, S.M., Kholodnykh, A.I. Pulse-periodic tunable (0.63-3.4 μ) optical parametric oscillator for nonlinear spectroscopy 8-59083
Akhmed-sade, K.A., Zakrevskii, V.A., Yudin, D.M. An ESR study of the paramagnetic centers formed during the mechanical destruction of borate glasses 8-88188
Akhmediev, N.N., Yatsishen, V.V. On the boundary conditions in crystal optics with spatial dispersion 8-92040
Akhmedov, A.A. see Abdinov, A.Sh. 8-56187
Akhmedov, G.M. see Pikaikin, V.M. 8-86564
Akhmedov, R.B., Balagula, T.B., Gol'dberg, I.M. Calculation of intermixing of gas streams with a transverse swirled air flow in a burner with diffusive control 8-87418
Akhmedov, Sh.A., Gabrielyan, A.G., Fokeeva, E.V., Yurganov, L.N. N₂O amount determination in the total thickness of the atmosphere 8-96265
Akhmedov, S.Sh., Belozero, V.N., Karasik, V.R., Shukrinov, Yu.M. Annular current and a diamagnetic sphere [magnetic suspension model] 8-66714
Akhmedov, Z.M. see Abdinov, E.T. 8-83265
Akhmetkeree, S.Kh., Dergachev, V.A. Time variations of the content of stable isotopes in organic matter 8-61692
Akhmetov, V.D., Bolotov, V.V., Vasil'ev, A.V., Karpov, Yu.A., Shakhovtsov, V.I., Shindich, V.L. Formation of radiation defects in gadolinium-doped silicon 8-71764
Akhmetova, L.A. see Pechenyi, B.G. 8-57939
Akhobadze, L.T. see Abesalashvili, L.N. 8-82227
Akhtar, P. see Mamourian, M. 8-82494
Akhundov, M.R. see Abdullaev, G.B. 8-95385
Akhundov, M.R. see Iskender-zade, Z.A. 8-60195
Akhunov, N.Kh., Khakimov, E.A., Vasil'yeva, L.M., Panfilovich, K.B., Usmanov, A.G. Pressure dependence of emissivities of pure steam and of gas mixtures 8-90673
Akhutin, V.M., Shtein, L.B. Investigation of the distribution laws of the biopotentials of the heart 8-65142
Akhverdiev, K.S. On the unstable motion of the viscous fluid between the concentric spheres with the source and outlet 8-55649
Aki, K., Chouet, B., Fehler, M., Zandt, G., Koyanagi, R., Colp, J., Hay, R.G. Seismic properties of a shallow magma reservoir in Kilauea Iki by active and passive experiments 8-73338
Aki, K. see Chouet, B. 8-92783
Aki, T. see Koga, H. 8-85037
Akiba, S., Itaya, Y., Sakai, K., Yamamoto, T., Suematsu, Y. Measurement of carrier lifetimes in InGaAsP/InP double heterostructure lasers 8-66828
Akihiro, M. see Chikazumi, S. 8-93739
Akihiro, M. see Kido, G. 8-89509
Akimchenko, I.P., Kazdaev, Kh.R., Krashopevtsev, V.V. Infrared absorption in β -SiC synthesized by implantation of C ions in Si 8-56492
Akimchenko, I.P., Krasnopevtsev, V.V., Paiaova, L. Optical properties of germanium dioxide with implanted silicon ions 8-84619
Akimitsu, J., Ito, Y. Orbital ordering in K₂CuF₄ 8-76224
Akimoto, H. see Aoki, S. 8-94097
Akimoto, H. see Washida, N. 8-53204, 8-92531
Akimoto, K., Sakisaka, Y., Nishijima, M., Onchi, M. Electron energy-loss spectroscopy of UHV-cleaved NiO (100), CoO (100), and UHV-cracked MnO clean surfaces 8-72652
Akimoto, S. see Wilburn, D.R. 8-85539
Akimoto, Y., Ohi, M. Stability evaluation of frequency stabilized laser 8-90437
Akimov, A.V., Basun, S.A., Kaplyanskii, A.A., Titov, R.A. Effect of heat pulses on fluorescence of organic impurity molecules in crystalline n-paraffin matrices 8-88360
Akimov, A.V., Basun, S.A., Kaplyanskii, A.A., Titov, R.A., Shekhtman, V.L. Resonance trapping of 0.87×10^{12} Hz acoustic phonons in ruby subjected to a magnetic field 8-91400
Akimov, B.A., Chudinov, S.M., Moshchalkov, V.V. Band structure model parameters of bismuth in the deformation theory 8-56067
Akimov, I.A. see Demidov, K.B. 8-49932
Akimov, I.S. see Sallam, O.H. 8-50230
Akimov, S.V., Stolpakova, T.M., Dudnik, E.F., Sinyakov, E.V. Photoelastic properties of NaBi(MoO₄)₂ 8-60420
Akimov, Yu.D. see Rozanov, L.N. 8-71398
Akin, J.E. Finite element formulations of flows with singularities 8-90822
Akin, J.E., Stoddart, W.C.T. Magnetoelastic energy calculations for finite element analysis of superconductors 8-55002
Akin, J.E. see Gray, W.H. 8-55010, 8-55012
Akinbiyi, T. see Burke, P.E. 8-91891
Akin, M. see Martin, D.M. 8-92283
Akinfiyev, P.P. see Zakharov, I.S. 8-51987
Akin'yan, S.T., Chertok, I.M. Determination of the parameters of solar protons in the vicinity of the Earth from radio bursts. III. Temporal reference functions 8-73591
Akishev, S.N., Izotova, E.M. Determination of sodium with the KRF-16 X-ray fluorescence quantumeter 8-61589
Akishev, Yu.S., Pashkin, S.V. A glow discharge in an air flow with a transverse magnetic field 8-71562
Akishov, Yu.S., Pashkin, S.V., Sokolov, N.A. Contraction dynamics of a stationary glow discharge in an air flow 8-87511
Akita, K. see Kotani, T. 8-60589
Akita, M., Cohen, J.D., Osaka, N., Ejima, Y. Recovery of hue response following chromatic adaptation 8-53404
Akitaya, E., Endo, Y. Regional characteristics of the snow cover in Ishikari and Sorachi district, Hokkaido 8-88858
Akitaya, E. see Endo, Y. 8-88857
Akitaya, E. see Shimizu, H. 8-88859
Akiyama, M. see An, S. 8-88742
Akkas, N. Dynamic response of a submerged hemispherical shell to earthquake motions 8-51110
Akkas, N. Dynamic instability phenomenon in cavitation bubbles 8-59434
Akkerman, A.F. Calculation of profiles of hydrogen ions with energies up to 100 keV implanted in silicon 8-55889
Akkerman, A.F. Reflection of slow hydrogen and helium ions from solid surfaces 8-76572
Akkerman, A.F., Chernov, G.Ya. Mean free paths by [inelastic interactions], [stopping powers], and [energy straggling] for electrons of energies [up to 20 keV] in various solids 8-91367
Akkermann, G. see Radushev, A.V. 8-61115
Akkushkarova, K.A. see Pimenov, V.N. 8-55990
Aklonis, J.J. see Wu-Nan Huang 8-52920
Aknaev, R.F. see Rozhdestvenskaya, T.B. 8-93734
Akoh, H., Tasaki, A. Appearance of magnetic moment in vanadium metal fine particles 8-68152
Akolkar, S.P. see Soundalgekar, V.M. 8-91018
Akopian, A.V., Tsytoich, V.N. Bremsstrahlung of relativistic electrons in plasmas 8-75376
Akopyan, S.Ts., Zharkov, V.N., Lyubimov, V.M. Formulas for derivatives of group velocity of surface waves with regard to the wave number and material parameters of the Earth 8-61349
Akovali, G., Diamant, J., Shen, M. Polyblends of poly(styrene-b-butadiene-b-styrene) and polystyrene. I. Mechanical properties 8-52919
Akovali, G. see Niinomi, M. 8-51442
Akramov, Kh.T. see Umarov, G.Ya. 8-80043
Akridge, J.R., Srour, B., Meyer, C., Gros, Y., Kennedy, J.H. Determination of coordination site and oxidation states of iron in sodium β -alumina through the use of Mossbauer, absorption, and emission spectroscopy, and magnetic susceptibility 8-68431
Aksahin, E. see Yalcin, C. 8-70372
Aksamit, J., Westwanski, B. Elementary excitations in spin systems with the three-atom exchange 8-84404
A.K.Sarychev see Sarychev A.K.
Akse, J.R., Whitehurst, H.B. Diffusion of titanium in slightly reduced rutile 8-79799
Aksela, H. see Vayrynen, J. 8-52603
Aksela, S. see Vayrynen, J. 8-52603
Aksel'rud, L.G., Yarmolyuk, Ya.P., Gladishevskii, E.I. Crystal structures of U₃Re₅Si₆ and U₄(Re_{0.17}Si_{0.83})₁₃ 8-83773
Aksenov, A.V., Fel'zenbaum, A.I., Yushmanova, O.O. Concerning stable wind currents in a two-layer ocean at the equator 8-61427
Aksenov, I.I., Belous, V.A., Padalka, V.G., Khoroshikh, V.M. Transport of plasma streams in a curved plasma optical system 8-87439
Aksenov, M.S., Baskin, L.M., Zhukov, V.M., Fursey, G.N., Fedorov, N.F., Sharkova, O.P. Critical field emission currents initiating vacuum breakdown for metals cooled up to liquid-helium temperatures 8-75459
Aksenov, V.I., Kas'yan, O.K., Komrakov, G.P., Modestov, A.P., Popkov, I.V., Khanash, Ya. The sporadic radioemission of the Sun and the parameters of the Earth's ionosphere on the Interkosmos-Kopernik 500 satellite. II. Debye screening and nonuniformity of electron concentration 8-69563
Aksenov, V.V., Petrov, V.M. Special kind of disorder in 'tetrahedral' semiconducting glasses 8-51423
Aksenov, Yu.A. see Bogatov, A.A. 8-68726
Aksenov, Yu.P., Levitov, V.I., Lyapin, A.G. Breakdown of compressed nitrogen at cryogenic temperatures 8-51368
Aksenov, Yu.P., Levitov, V.I., Lyapin, A.G. Breakdown in compressed nitrogen at cryogenic temperatures 8-67448
Aksanova, L.A. see Leonov, A.I. 8-52735, 8-52736
Aksanova, O.V. see Silonov, V.M. 8-63696
Aksanova, T.P. see Getsov, L.B. 8-60743
Akshentsev, Yu.N. see Volkov, V.V. 8-68678
Aksienov, V.L. see Stamenkovic, S. 8-68461
Aksionov, V.L., Schreiber, J., Konvent, H. Commutator and anticommulator Green functions in the Ising model with transverse field 8-76211
Aksionov, L.I. see Cihal, V. 8-60875
Aksnes, K., Franklin, F.A. Mutual phenomena of Jupiter's five inner satellites in 1979 8-53866

- Aksnes, K., Franklin, F.A. Mutual phenomena of Saturn's satellites in 1979-1980 8-53868
- Aksogan, O. Numerical solutions for a class of multi-part mixed boundary value problems 8-62056
- Aksogan, O. The stress intensity factors FOR X-formed arrays of cracks 8-67121
- Aksyonova, E.S., Diev, M.D., Mironov, B.M. Internal characteristics of squeezed boiling 8-90655
- Aktsipetrov, O.A., Kitaeva, G.Kh., Penin, A.N. Spontaneous parametric scattering of light by polaritons and polariton Fermi resonance in a potassium pentaborate crystal 8-87923
- Akulichev, S.V., Shilov, V.M. Possibility of observing giant resonances with high multipolarities in inelastic scattering of fast protons 8-78350
- Akulintsev, V.M., Gorshunov, N.M., Neshchimenko, Yu.P. Calculation of probabilities of vibrational-translational and vibrational-vibrational exchanges between isotopic variants of nitrogen molecules at low temperatures 8-90270
- Akulov, A.I. see Gladkov, E.A. 8-83628
- Akulov, V.P., Volkov, D.V., Soroka, V.A. Generally covariant theories of gauge fields on superspace 8-54568
- Akutin, M.S., Prokunin, A.N., Proskurnina, N.G., Sabsai, O.Yu. Extrusion of polymer melts at a constant deformation rate 8-68744
- Akuzawa, H. see Sato, S. 8-68760, 8-72835
- Akylas, V.K., Vogel, P. Muonic atomic cascade program 8-90323
- Al Jarallah, M.I., Archer-Hall, J.A., Francois, P.E. Correlations in bone mineral measurement using polychromatic X-rays 8-53478
- Al Jarallah, M.I., Archer-Hall, J.A., Francois, P.E. Positioning errors in bone mineral measurement 8-96084
- Al Jumaily, A.M., Faulkner, L.L. Vibration characteristics of hollow symmetrical blades based on thin shell theory 8-59341
- Al Rikabi, A. see Malugani, J.P. 8-79805
- Al Taweel, A.M., Sedahmed, H.G., Abdel-Khalik, A., Farag, H.A. Mass transfer between solid surfaces and drag-reducing fluids 8-79339
- Al-Amiedy, D.H.H., Laine, D.C. Ring-type state selector and space focuser for molecules with a positive induced dipole moment 8-54503
- Al-Azawi, F.N. see Al-Jallo, H.N. 8-86870
- Al-Baghdadi, S.M. NMR in biological systems 8-56952
- Al-Baidhawi, K., Howes, M.J., Morgan, D.V. The modelling of edge current in Schottky barrier devices 8-56227
- Al-Bassam, T.S. see Al-Mousawy, A.H. 8-91778
- Al-Chorachi, G. Wadei see Wadei Al-Chorachi, G.
- Al-Dargazelli, S.S., Ariyaratne, T.R., Breare, J.M., Nandi, B.C. A study of a gas scintillation multiwire proportional counter 8-82575
- Al-Edani, M.C., Dubey, K.S. Phonon conductivity of InSb and GaAs 8-51755
- Al-Edani, M.C., Dubey, K.S. Boundary scattering and phonon conductivity: Application to GaAs 8-63888
- Al-Jadir, M.N., Fortune, H.T., Pullen, D.J. Study of ^{31}P with the $^{29}\text{Si}(\text{He}, p)^{31}\text{P}$ reaction 8-82361
- Al-Jallo, H.N., Al-Azawi, F.N. Study of Fermi resonance in ethylene carbonate by the method of isotopic substitution 8-86870
- Al-Mousawy, A.H., Al-Bassam, T.S. The effect of dysprosium dopant on the electron transport mechanisms and the barrier height of thin Al_2O_3 films 8-91778
- Al-Naimiy, H.M.K. Synthetic light curves of two eclipsing binary systems, U Sge and AW UMa 8-77578
- Al-Naser, A.M., Behbehani, A.H., Green, L.L., James, A.N., Lister, C.J., Nolan, P.J., Rammo, N., Sharpey-Schafer, J.F., Zybert, L., Zybert, R. Gamma-ray spectroscopy of high-spin levels in ^{67}Ga 8-93960
- Al-Naser, A.M. see Lister, C.J. 8-62588
- Al-Noaimi, G.F. see Moore, M.A. 8-87607
- Al-Obaidi, S.J., Birks, J.B., Birch, D.J.S., Hallam, A., Imhof, R.E. Energy transfer in organic systems. XII. Mixed crystals 8-76515
- Al-Rawi, K.M. see Melville, D. 8-84471
- Al-Shahib, A.G.R. see Dunn, A.S. 8-92479
- Al-Shamma, S.H., Kleinpoppen, H. Near threshold polarisation and excitation functions of Xe atoms 8-66665
- Alabichev, A.I. see Ivanov, B.N. 8-76977
- Alabuzhev, Yu.A., Bobrovskii, A.P. Peak detector extensor 8-74096
- Alad'ev, I.T., Vas'yanov, V.D., Kafengauz, N.L., Lebedeva, A.G., Timakov, A.V. Characteristics of self-excited thermoacoustic oscillations in heat transfer to n-heptane 8-79186
- Aladjadjian, A.G. On a possibility of complex measurement of R , σ , α , Q under isothermal conditions 8-56160
- Alaee, M.S., Rouhani, M.D. Preparation and characterization of sprayed CdS films 8-64492
- Alakanandapaul ELF resonance line-splitting in the Earth-ionosphere cavity 8-77416
- Alam, M.S., Baggett, N., Baglin, C., Bonamy, P., Brabson, B., Fieguth, T., Fowler, E.C., Hood, D., Jones, S.E., Kreymer, A., Paik, H., Panvini, R., Poucher, J.S., Rogers, A.H., Stone, S. Search for charge -2 mesons in the reaction $\pi^- d \rightarrow (p, X)^- p$ forward at 13.2 GeV/c 8-66167
- Alam, M.S. see Heile, F.B. 8-74238
- Alam, M.S. see Himel, T. 8-78157
- Alam, M.S. see Jaros, J.A. 8-50042
- Alam, M.S. see Peruzzi, I. 8-74252
- Alam, M.S. see Tanenbaum, W. 8-66113
- Alameddine, O., Huang, P.V. Ring puckering motion of 2-5-dihydrofuran in liquid phase 8-92068
- Alamgir, M., Lienhard, J.H. The temperature dependence of surface tension of pure fluids 8-91512
- Alamo, A., Lefebvre, J.M., Soullard, J. Plastic deformation of uranium dioxide: dislocation substructure observation 8-78461
- Alanaky, Yu.R. Self-localized electromagnetic fields in dense gas 8-75350
- Alanaky, Yu.R. On free plasma column in gas at high pressure 8-75477
- Alarcon, C., Puparello, M., Boquet, R. Spectral analysis of periodic waves using a programmable pocket calculator 8-86121
- Alarich Weiss see Zwilling, M. 8-72539
- Alasafi, K.M., Chattopadhyay, T., Schubert, K. On the mixture PdZn_x 8-60654
- Alasio, B. see Wio, H.S. 8-52193
- Alavi, H., Filippi, P.J.T. On the resolvent of the Pekeris operator with a Dirichlet condition 8-90575
- Alazraki, N.P. see Taylor, A. 8-85388
- Albanese, A. An automatic bias control (ABC) circuit for injection lasers 8-71110
- Albanese, J.P., Arvieux, J., Boschitz, E., Ingram, Q., Pflug, L., Jansen, J., Zichy, J. Elastic and inelastic pion scattering by complex nuclei 8-54802
- Albanese, J.P. see Ingram, Q. 8-62579
- Albanese, J.P. see Jansen, J. 8-86552
- Albano, A.M. On the symmetry of friction coefficients for particles moving in fluids with spin 8-87350
- Albany, J.H. see Leloup, J. 8-72171
- Albarede, F. see Stettler, A. 8-65513
- Albella, J.M. see Climent, A. 8-76373
- Alben, J.O., Bare, G.H. Fourier transform infrared spectroscopic study of molecular interactions in hemoglobin 8-96007
- Alben, R., Becker, J.J., Chi, M.C. Random anisotropy in amorphous ferromagnets 8-68223
- Alben, R. see Mely Chen Chi 8-64217
- Alben, R. see Radhakrishna, P. 8-76289
- Alber, L.E. The effects of randomness on the stability of two-dimensional surface wavetrains 8-90923
- Alberg, M.A., Henley, E.M., Miller, G.A., Walker, J.F. Field-theory treatment of the $pp \rightarrow d\pi^+$ reaction 8-93898
- Alberi, G., Baldracchini, F. Exotic final-state interaction in deuteron break-up and ΔN threshold parameters 8-50043
- Alberi, G., Baldracchini, F. Inelastic shadow correction for hadron-deuteron elastic scattering 8-70347
- Alberi, G., Rosa, L.P., Thome, Z.D. NN resonances and pd dynamics 8-62431
- Alberi, G. see Goggi, G. 8-89739, 8-89740
- Alberico, W.M., Cenni, R., Molinari, A. The response function of the infinite nuclear matter 8-70480
- Albernhfe, F., Chabaud, J.P., Frabel, P., Vedrenne, G., Boclet, D., Claisse, J., Durouchoux, Ph., Olivier, E., da Costa, J.M., Pagnier, P., Rochia, R. Recent measurements with a balloon borne Ge(Li) spectrometer in gamma-ray astronomy 8-93107
- Albers, C., Walkowiak, C., Schafer, P., Rechenberg, I. Time dependent negative weak-field magnetoresistance in n-type lead telluride epitaxial films 8-64151
- Albers, E., Krause, K., Schluter, H. Experimental study of parametric decay close to the upper hybrid frequency 8-59590
- Albers, H., Van Der Wal, W.J.J., Gijzeman, O.L.J., Bootsma, G.A. Ellipsometry-LEED study of oxygen absorption and the carbon monoxide-oxygen interaction on Ag (110) 8-91542
- Albers, J. see Muser, H.E. 8-95564
- Albers, R.C., Gubernatis, J.E. AC conductivity of a one-dimensional site-disordered lattice 8-84199
- Albers, W. see Cense, W.A. 8-72755
- Albert, J. see Ballhaus, W.F. 8-94759
- Albert, L. see Leger, J.M. 8-85192
- Alberti, G., Casciola, M., Constantino, U., Levi, G. Inorganic ion exchange membranes consisting of microcrystals of zirconium phosphate supported by Kynar 8-76915
- Albertini, C., Montagnani, M. Dynamic material properties of several steels for fast breeder reactor safety analysis 8-60966
- Albertini, G., Corinaldesi, M., Melone, S., Ponzi-Bossi, M.G., Mazkedian, S., Rustichelli, F. Evidence for cybotactic cluster pre-transition formation in TBBA liquid crystal 8-95138
- Albertini, G., Lagomarsino, S., Rustichelli, F., Volino, F. Neutron diffraction study of the smectic C-smectic A phase transition of TBBA 8-91428
- Albertini, G., Lagomarsino, S., Rustichelli, F., Volino, F. Neutron diffraction study of the smectic C-smectic A phase transition of TBBA 8-95143
- Alberts, H.W., Friedland, E. Angular correlation measurements of the reaction $^9\text{Be}(d, p_1 \gamma)^{10}\text{Be}$ at 1.5 MeV 8-94015
- Alberts, W.G. Measurements with filtered neutron beams of 24.5 and 2 keV 8-58529
- Alberts, W.G. Calibration of neutron monitors for radiation protection at 24.5 keV and 2 keV 8-89983
- Albertsen, J.F., Aydin, M., Knudsen, J.M. Mossbauer effect studies of taenite lamellae of an iron meteorite Cape York (III. A) 8-65575
- Albertsen, J.F., Knudsen, J.M., Jensen, G.B. Structure of taenite in two iron meteorites 8-61820
- Albertsen, N.C., Christiansen, P.L. Hybrid diffraction coefficients for first and second order discontinuities of two-dimensional scatterers 8-82892
- Albertsen, P. see Jorgensen, P. 8-62781
- Albery, W.J., Compton, R.G., Hillman, A.R. Ring-disc electrodes. XVIII. Collection efficiency for high frequency a.c. 8-64853
- Albeverio, S. see Emch, G.G. 8-54297
- Albinati, A., Rouse, K.D., Thomas, M.W. Neutron powder diffraction analysis of hydrogen-bonded solids. I. Refinement of the structure of deuterated acetic acid at 4.2 and 12.5 K 8-75649
- Albinati, A., Rouse, K.D., Thomas, M.W. Neutron powder diffraction analysis of hydrogen-bonded solids. II. Structural study of formic acid at 4.5 K 8-75650
- Albinet, G. see Firpo, J.L. 8-51795
- Albissier, A.M. see Koreska, J. 8-57066
- Albiston, C. see Bondyby, V.E. 8-58711
- Albon, N. see Levelut, A.-M. 8-91436
- Albony, G., Auger, G., Lagrange, J.M., Pautrat, M., Richel, H., Roulet, C., Sergolle, H., Vanhorenbeeck, J. The E2 transition probability and effective charge for the neutron $i_{13/2}$ subshell in lead isotopes 8-78309
- Albony, G. see Richel, H. 8-78316
- Albramo, M.C., Caccamo, C., Pizzimenti, G., Parrinello, M., Tosi, M.P. Ionic radii and diffraction patterns of molten alkali halides 8-59732
- Albrecht, H., Lerach, L. Distinction between avalanche and tunneling breakdown in one-sided abrupt junctions 8-56211
- Albrecht, H., Matschoss, V., Wild, H. Investigation of activity release during light water reactor core meltdown 8-82469
- Albrecht, H., Muller, R. Analytical solution of the breakdown condition for one-sided abrupt plane, cylindrical and spherical pn-junctions 8-56210
- Albrecht, H. see Darden, C.W. 8-62415, 8-93895
- Albrecht, L., Munchow, W., Rumpf, J. Aims of a measurement programme to detect unplanned radioactive discharges from nuclear power stations equipped with light-water reactors, and requirements for the measuring instruments 8-89995
- Albrecht, M.G., Evans, J.F., Creighton, J.A. The nature of an electrochemically roughened silver surface and its role in promoting anomalous Raman scattering intensity 8-84587
- Albrecht, P. see Yamada, K. 8-64682
- Albrecht, P. see Ho, H. 8-54786
- Albrecht, R.W. see Crowe, R.D. 8-94058
- Albrecht, W.G., Coufal, H., Haberkorn, R., Michel-Beyerle, M.E. Excitation spectra of exciton fission in organic crystals 8-92116
- Albregtsen, F., Maltby, P. New light on sunspot darkness and the solar cycle 8-69773
- Albright, C.H., Shrock, R.E., Smith, J. Implications of the Y (9.5) for gauge theories of weak interactions 8-70271
- Albright, C.H., Smith, J. How to extract heavy quark and heavy lepton signals in neutrino-induced dilepton events 8-74243
- Albright, C.H., Smith, J., Vermaseren, J.A.M. Comparison of trimuon production mechanisms 8-82199
- Albright, D.C., Bari, R.A. Primary pipe rupture accident analysis for the Clinch River Breeder Reactor 8-70621

- Albright, J.**, Martin, R., Flohr, R. Automatic image analysis of the bone biopsy: variations in rib architecture 8-61253
- Albright, J.R.** *see* Harris, R. 8-82242
- Albright, L.** *see* Brecher, A. 8-65564
- Albrigtsen, R.** *see* Leer, E. 8-87452
- Albritton, D.L.**, Moseley, J.T., Cosby, P.C., Tadjeddine, M. The dissociation energy of $O_2(X^3\Sigma_g^-)$ 8-70957
- Albritton, D.L.** *see* Davidson, J.A. 8-56879
- Albritton, D.L.** *see* Dotan, I. 8-76829, 8-76850
- Albritton, D.L.** *see* Fehsenfeld, F.C. 8-57251
- Albritton, D.L.** *see* Lindinger, W. 8-60985
- Albrow, M.G.**, McCubbin, N.A., Almed, S., Booth, P.S.L., Xe Bourard, X., Bogdli, H., Carroll, L.J., Catz, P., Dahl-Jensen, E., Dahl-Jensen, I., Damgaard, G., Von Dardel, G., Davidson, M., Elverhaug, N., Guillerminet, B., Hansen, K.H., Herbsleb, P., Hooper, J.E., Jackson, J.N., Jancso, G., Jarlskog, G., Jensen, H.B., Jonsson, L., Klovning, A., Lillethun, E., Lohse, E., Lu, A., Lornstad, B., Miettinen, H.E., Morris, J.V., Moller, R., Nielsen, S.O., Petersen, J.O., Skard, J.A.J., Smith, D.B., Villeneuve, P. Studies of proton-proton collisions at the CERN ISR with an identified charged hadron of high transverse momentum at 90° . I. On forward particles in high- p_T reactions 8-58214
- Albrow, M.G.** *see* Singh, J. 8-93910
- Albuquerque, E.L.**, Tilley, D.R. Mode mixing and dielectric function 8-80275
- Albuquerque, E.X.**, Eldefrawi, A.T., Mansour, N.A., Ming-Cheng Tsai Amantadine: neuromuscular blockade by suppression of ionic conductance of the acetylcholine receptor 8-64975
- Albuquerque Maranhao, V.** *de see* de Albuquerque Maranhao, V.
- Alburger, D.E.** Comment on a search for a $0^- \rightarrow 0^+$ pair transition in ^{16}O 8-86508
- Alburger, D.E.**, Balamuth, D.P., Lind, J.M., Mulligan, L., Young, K.C., Jr., Zurmuhle, R.W., Middleton, R. Core excited $T=2$ levels in $A=12$ from studies of ^{12}Be 8-66210
- Alburger, D.E.** *see* Calaprice, F.P. 8-50131
- Alburger, D.E.** *see* Wilkinson, D.H. 8-82318
- Alburger, J.R.** An integrated overview of 'CRISP' recyclable materials and systems 8-76799
- Alcaino, G.** The globular cluster NGC 6266 8-61894
- Alcaino, G.** NGC 6256 probably a galactic globular cluster 8-77583
- Alcaino, G.** The metal-poor globular cluster NGC 7099 8-77584
- Alcaino, G.** *see* West, R.M. 8-54044
- Alcaras, J.A.C.** On the higher approximations of the K-harmonics method 8-78287
- Alcaras, J.A.C.**, Da Silveira, H.V. Application of the first approximation of the K-harmonics method to the 0^+ states of ^{16}O 8-54685
- Alcayde, D.**, Bauer, P., Hedin, A., Salah, J.E. Compatibility of seasonal variations in mid-latitude thermospheric models at solar maximum and low geomagnetic activity 8-57376
- Alchalaby, K.** *see* Fillard, J.P. 8-77982
- Alchudzhyan, S.V.** *see* Asatiani, T.L. 8-73598
- Alcock, A.J.** *see* Corkum, P.B. 8-79041
- Alcock, A.J.** *see* Taylor, R.S. 8-58992
- Alcock, C.**, Hatchett, S. The effects of small-angle scattering on a pulse of radiation with an application of X-ray bursts and interstellar dust 8-57433
- Alcock, C.**, Paczynski, B. The effect of the heavy element abundance on the evolution of stars 8-89167
- Alcock, G.A.**, Cartwright, D.E. Some experiments with 'orthotides' 8-85565
- Alcock, N.W.**, Holt, S.L. Tetramethylammonium manganese(II) tribromide (TMMB) at 235 and 115K 8-63745
- Alcorn, J.** *see* Sager, P. 8-54977
- Aldag, J.E.** *see* Park, J.T. 8-66651, 8-82832
- Aldaya, V.**, de Azcarraga, J.A. Variational principles on rth order jets of fibre bundles in field theory 8-86168
- Aldaya, V.**, de Azcarraga, J.A. Vector bundles, rth order Noether invariants and canonical symmetries in Lagrangian field theory 8-86409
- Aldeen, I.H.K.**, Allison, A.C., Jamieson, M.J. Comparison of methods for calculating A doubling. The C_{II} states of H_2 8-90227
- Aldeen, K.A.** Mohi *see* Mohi Aldeen, K.A.
- Aldefeld, B.** A numerical solution of transient nonlinear eddy-current problems including moving iron parts 8-90340
- Alden Mead, C.**, Ruch, E., Lesche, B. Comment on 'Information extent and information distance' [and reply] 8-77687
- Alder, B.J.**, Alley, W.E., Beams, J.W., Hildebrand, J.H. Effect of centrifuging on fluctuations in the critical liquid-liquid region 8-63850
- Alder, B.J.** *see* Pollock, E.L. 8-89149, 8-91214
- Alder, J.C.**, Dahme, W., Gabioud, B., Hering, W., Joseph, C., Loude, J.F., Morel, N., Panke, H., Perrenoud, A., Perroud, J.P., Renker, D., Strassner, G., Tran, M.T., Truol, P., Winkelmann, E., Zupancic, C. The n-n scattering length from the γ spectrum of the reaction $\pi^- + d \rightarrow 2N + \gamma$ 8-62576
- Alder, J.F.**, Das, B.C. Determination of low levels of uranium by an indirect flame and electrothermal AAS procedure after ion-exchange preconcentration 8-85231
- Alder, V.A.**, Johnstone, B.M. A new approach to the guinea pig auditory nerve 8-85455
- Alderliesten, C.** *see* Budzanowski, A. 8-82363
- Alderman, D.W.** *see* Zilm, K.W. 8-89516
- Alderson, J.C.**, Hart, G.A., Huffman, R.W., Lamphere, D.A. Photoconductor drum [electrophotographic copier] 8-62245
- Alderson, P.O.**, Doppan, J.L., Diamond, S.S., Mendenhall, K.G., Barron, E.L., Girtton, M. Ventilation-perfusion lung imaging and selective pulmonary angiography in dogs with experimental pulmonary embolism 8-65113
- Alderson, P.O.**, Gaudiani, V.A., Watson, D.C., Mendenhall, K.G., Donovan, R.C. Quantitative radionuclide angiocardiology in animals with experimental atrial septal defects 8-85362
- Alderson, P.O.** *see* Bradley, W.P. 8-65081
- Alderson, P.O.** *see* Qureshi, S. 8-65110
- Aldica, G.V.** *see* Jaklovsky, J.J. 8-91677
- Aldinger, F.** *see* Dreizler, W. 8-88447
- Aldred, A.T.** *see* Brodsky, M.B. 8-68182
- Aldred, A.T.** *see* Hafstrom, J.W. 8-68110
- Aldred, A.T.** *see* Majewski, R.E. 8-68149
- Aldrich, C.H.**, III, Pines, D. Polarization potentials and elementary excitations in liquid 3He 8-91502
- Aldrich, H.** *see* McGlynn, S.P. 8-65156
- Aldridge, D.** 5 MHz digital frequency measuring instrument 8-62206
- Aldridge, J.A.** *see* Othmer, H.G. 8-85296, 8-88701
- Aldridge, J.P.** *see* McDowell, R.S. 8-90162
- Aldridge, R.V.** *see* Raeburn, S.J. 8-64146, 8-91786
- Aldrovandi, R.**, Goto, M. On the random geometry of a symmetric matter-antimatter universe 8-86046
- Aldzhanov, M.A.** *see* Mamedov, K.K. 8-87796
- Aleev, R.S.** *see* Rafikov, S.R. 8-51449
- Alefeld, B.** *see* Tili, K.J. 8-75742
- Aleix, G.** *see* Rigal, A. 8-89346
- Alekhnin, V.A.**, Gushko, Yu.P. Calculation of the value of the luminous efficiency when reproducing relief recordings by schlieren optics with circular irises 8-83095
- Alekhnin, V.A.** *see* Abramchuk, G.A. 8-57980, 8-85097
- Alekhnin, V.P.**, Bulychev, S.I. Calculating mechanical characteristics in indentation testing taking into account elastic strains 8-95863
- Alekhnin, Yu.K.**, Ryabova, N.A. Non-linear theory of interaction of quasi-monochromatic wave packets with energetic plasma electrons 8-71464
- Aleklett, K.**, Lund, E., Rudstam, G. Total β -decay energies and masses of strongly neutron-rich indium isotopes ranging from ^{120}In to ^{129}In 8-86512
- Aleksakhin, I.S.**, Bogachev, G.G., Zapesoch-nii, I.P., Ugrin, S.Yu. On radiative decay of some autoionization states of Ca, Sr, Ba atoms and ions 8-82682
- Aleksakhin, I.S.**, Bogachev, G.G., Ugrin, S.Yu. Investigation of the Ba emission spectra in the 50-90-nm region with electron impact excitation of atoms 8-82846
- Aleksakhin, Yu.I.** *see* Aleksandrov, V.S. 8-66436
- Aleksandrov, A.A.**, Gribkov, V.A., Kushin, V.V., Lyapidevskii, V.K., Semenov, O.G., Sklizkov, G.V. Investigation of the energy distribution of the plasma-focused X-rays with the aid of nuclear emulsions 8-83620
- Aleksandrov, A.A.** *see* Grigor'ev, A.K. 8-56655
- Aleksandrov, A.B.**, Vasil'ev, I.A., Nechaev, A.F. Anion exchange in the pressing of tablets in IR spectroscopy practice 8-95927
- Aleksandrov, A.G.**, Glazkov, Yu.A. Contact recording of flaw patterns in magnetic powder flaw detection 8-53102
- Aleksandrov, A.G.** *see* Shelikhov, G.S. 8-60942
- Aleksandrov, A.L.**, Bazarnyi, E.M., Brylov, V.M., Pososhenko, L.Z. Programmed temperature regulator RTP-3M [for resistance furnace] 8-86256
- Aleksandrov, A.N.** *see* Gladkov, E.A. 8-83628
- Aleksandrov, E.B.**, Mamyrin, A.B., Naumov, A.P. HES-magnetometer for absolute measurement of magnetic induction of weak magnetic fields 8-77949
- Aleksandrov, E.B.**, Zapasskii, V.S. Optical recording of Tm^{3+} -ion ESR in fluorite-type crystals in weak magnetic fields 8-68376
- Aleksandrov, G.G.** *see* Shnulin, A.N. 8-95047
- Aleksandrov, G.N.**, Ivanov, V.L., Kadzov, G.D., Parfenov, V.A. Effect of a laser-produced ionization channel on a long discharge in air 8-67468
- Aleksandrov, G.V.** *see* Olevskii, S.S. 8-92581
- Aleksandrov, K.A.**, Afanas'ev, V.A., Gataullin, N.G., Golushko, V.V. Detection of start of boiling of liquid metal coolant 8-86646
- Aleksandrov, K.S.**, Aleksandrova, I.P., Anistratov, A.T., Shabanov, V.F. Phase transitions and physical properties of the $LiNH_4SO_4$ crystal 8-76399
- Aleksandrov, K.S.**, Anistratov, A.T., Beznosikov, B.V. Acousto-optical properties of mixed-metal chlorides $ABCl_3$ 8-60419
- Aleksandrov, K.S.**, Kokorin, Yu.I., Zaitseva, M.P. Relation between nonlinear electromechanical coefficients of a piezoelectric medium 8-80292
- Aleksandrov, K.S.**, Moskalev, A.K., Serebrennikov, V.L., Buznik, V.M., Beznosikov, B.V. Phase transition under pressure in $ABCl_3$ crystals 8-51664
- Aleksandrov, K.S.**, Vtyurin, A.N., Shabanov, V.F. Second optical harmonic generation in unmatched phases of crystals 8-79073
- Aleksandrov, K.S.** *see* Anistratov, A.T. 8-76396
- Aleksandrov, L.N.** Transition regions in epitaxially grown semiconductor films and devices 8-72294
- Aleksandrov, L.N.**, Lovyagin, R.N., Pusep, Yu.A., Simonov, P.A., Sinyukov, M.P. Detectivity of p-n junctions made by high-temperature etching of n-type silicon in vacuum 8-95355
- Aleksandrov, L.N.**, Zolotov, V.D., Morduk, V.S. Dislocation structure in calcium fluorapatite 8-63770
- Aleksandrov, V.G.** *see* Averkiev, S.A. 8-88342
- Aleksandrov, V.I.**, Voron'ko, Yu.K., Ignat'ev, B.V., Lomonova, E.E., Osiko, V.V., Sobol', A.A. Raman scattering investigation of structural transformations in solid solutions based on zirconium and hafnium dioxides 8-88312
- Aleksandrov, V.I.** *see* Katsnel'son, A.A. 8-71728
- Aleksandrov, V.M.**, Kovalenko, E.V. Orthogonal functions in mixed continuous mechanical medium problems 8-49659
- Aleksandrov, V.N.**, Gershenzon, E.M., Zayots, V.A., Mel'nikov, A.P., Rabinoch, R.I., Serebryakova, N.A., Tovmach, Yu.V. Spectra of H^-H^+ -type impurity complexes and pseudointersections of molecular energy levels in semiconductor 8-92100
- Aleksandrov, V.S.**, Aleksakhin, Yu.I., Barabash, L.S., Golutvin, I.A., Kazarinov, N.Yu., Perel'shtein, E.A., Sarantsev, V.P., Shchinov, B.G. Distortion of the magnetic field of a ring compressor by the disconnected multiturn coils 8-66436
- Aleksandrov, V.V.**, Boldyrev, V.V., Marusin, V.V., Morozov, V.G., Solovjev, V.S., Rozhentseva, T.M. Effect of heating rate on the thermal decomposition of lead dioxide 8-92473
- Aleksandrov, V.V.**, Danilychev, V.A., Marchenko, V.G., Pustovalov, V.V., Romanov, A.B., Savchenko, M.A., Soroka, A.M., Suchkov, A.F., Shipilin, A.V. Thermal force draft in electroionization lasers 8-94401
- Aleksandrov, V.V.** *see* Belkind, A.I. 8-80456
- Aleksandrov, Yu.A.**, Kozlov, V.A., Pavlovskaya, V.V. Photoproduction of neutral pions on hydrogen in the forward hemisphere at energies 350 MeV 8-86527
- Aleksandrov, Yu.A.**, Kozlov, V.A., Pavlovskaya, V.V. Study of neutral pion photoproduction on hydrogen in $\Delta(1232)$ vicinity 8-89852
- Aleksandrov, Yu.V.**, Lupishko, D.F., Lupishko, T.A. Integral photometry of Mars 8-61780
- Aleksandrov, I.P.** *see* Aleksandrov, K.S. 8-76399
- Aleksandrova, I.P.** *see* Shirokov, A.M. 8-52453
- Aleksandrova, S.P.** *see* Kirov, K.I. 8-88430
- Aleksandrovich, K.V.**, Berezin, I.A. Determination of electron density from the self-reversed deuterium D_α line 8-55746
- Aleksandrovskii, A.A.** *see* Kafarov, V.V. 8-63485
- Aleksanyan, A.G.**, Mirzabekyan, E.G. Density of electron states of a semiconductor placed into magnetic and ultrasonic wavefields 8-72056
- Aleksanyan, A.S.** *see* Agasyan, E.O. 8-78563
- Aleksanyan, A.S.** *see* Ayunts, Yu.Kh. 8-69449
- Alekseenko, D.V.** *see* Bezrodnyi, M.K. 8-67017
- Alekseenko, M.F.** *see* Utkina, A.N. 8-52989
- Alekseenko, S.V.** *see* Nakoryakov, V.E. 8-79299
- Alekseev, A.V.**, Kopvillem, U.Kh. The dislocation superradiance collapse 8-79706

- Alekseev, A.V.**, Kopvillem, U.Kh., Pavloff, A.N., Choodnovsky, V.M. Theory of cosmical coherent avalanche catastrophes 8-85844
- Alekseev, B.F.**, Zhuravlev, A.V., Babkin, A.F. Free nuclear induction in non-equilibrium spin systems 8-64278
- Alekseev, B.N.**, Dianov, D.B., Karuzo, S.P. Composite tapered piezoceramic bar transducer 8-90620
- Alekseev, E.I.**, Bazarov, E.N., Grigor'yants, V.V., Detinich, V.A., Ivanov, G.A., Koreneva, N.A., Sverchkov, E.I., Telegin, G.I., Chamorovskii, Yu.K. Fiber-waveguide laser interferometers 8-49892
- Alekseev, G.A.** Improved formulae for determining average watershed and river gradients 8-61448
- Alekseev, G.A.** Determining estimated snow water equivalents and melting characteristics on river drainage basins 8-96249
- Alekseev, G.D.**, Kalinina, N.A., Karpukhin, V.V., Khazins, D.M., Kruglov, V.V. On a high-current mode of wire-chamber performance 8-70701
- Alekseev, G.V.**, Ibragimov, M.G., Nevstrueva, E.I., Ryabitshev, V.A., Sabelev, G.I., Tyutyayev, V.V. Some spectral characteristics of two-phase non-equilibrium flows 8-94854
- Alekseev, N.V.** see Drugovskii, A.I. 8-52716
- Alekseev, N.V.** see Ronova, I.A. 8-87660
- Alekseev, O.L.** see Boiko, Yu.P. 8-53249
- Alekseev, V.A.**, Malyugin, A.V. Influence of the hyperfine structure on the frequency reproducibility of an He-Ne laser with a methane absorption cell 8-50864
- Alekseev, V.A.**, Malyugin, A.V. Influence of collisions on the saturation of a Doppler line profile 8-70792
- Alekseev, V.A.** see Filippov, L.P. 8-51696
- Alekseev, V.A.** see Vargafik, N.B. 8-55903
- Alekseev, V.K.**, Bodryshev, V.V., Denisov, Yu.D., Perelman, R.G. Strength with pulsed drop-impact loading 8-84944
- Alekseev, V.V.**, Kazakov, V.N., Murumyants, S.O., Nezmetdinov, T.K., Ushakov, V.N., Filippov, V.L., Semenov, L.S. Specialized pulse amplitude analyzer for the Quant-type aerosol classifier 8-61587
- Alekseev, V.V.** see Bartenev, G.M. 8-76698
- Alekseev, Yu.S.**, Levin, E.S., Gel'd, P.V. Electron-diffraction investigation of the structure of short-range order in amorphous films of the chromium germanides $\text{Cr}_{11}\text{Ge}_8$, CrGe and $\text{Cr}_{11}\text{Ge}_{19}$ 8-56050
- Alekseev-Popov, A.V.** Effect of relief-phase modulation on the diffraction efficiency of thin unbleached holograms 8-66789
- Alekseeva, I.P.**, Karapetyan, G.O., Maksimov, L.V. Segregation of Yb^{3+} ions and the structure of sodium germanate glasses 8-87620
- Alekseeva, O.K.**, Bykov, V.N., Levdi, V.A., Miron, N.F., Shantarovich, V.P. Positron study of electron-irradiated vanadium 8-76555
- Alekseeva, O.K.**, Mikhailov, V.I., Chernov, A.P., Shantarovich, V.P. Investigation of point structure defects in chalcogenide semiconductors by the positron annihilation method 8-72637
- Alekseeva, O.K.**, Mikhailov, V.I., Shantarovich, V.P. Positron annihilation in point defects of the glassy As-Se system 8-88380
- Alekseeva, Z.D.**, Galakhov, F.Ya. The region of metastable phase separation in the $\text{Li}_2\text{O}-\text{Na}_2\text{O}-\text{B}_2\text{O}_3-\text{SiO}_2$ system 8-88450
- Alekseeva, Z.M.**, Vyatkin, A.P., Karavaev, G.F., Krivorotov, N.P. Effect of pressure on hole effective masses in GaAs 8-75986
- Aleksenko, E.N.** see Grinberg, N.M. 8-68789
- Aleksenko, I.V.** see Pugachev, M.S. 8-56611
- Alekseyev, A.I.**, Basharov, A.M. On ultrahigh resolution spectroscopy based on light echo 8-70774
- Alekseyev, V.I.** see Nigmatulin, B.I. 8-75189
- Alekseyeva, L.M.** Generation of acoustic-gravity waves in the atmosphere by ionospheric pressure oscillations 8-77296
- Aleksieva, I.V.** Approximate solution of the three-dimensional problems of plasticity 8-75079
- Aleksin, V.F.**, Volkov, E.D., Sebko, V.P., Tyupa, V.I. Angles of rotational transition with a longitudinal current in a plasma and a poloidal magnetic field 8-51339
- Aleman, A.**, Moreau, R. Flow of an electrically conducting fluid in the presence of a rotating magnetic field 8-51248
- Aleman, A.** see Moreau, R. 8-94845
- Alemi, A.A.**, Renaud, R. Preparation and investigation of three strontium antimonates 8-88292
- Alenius, G.** see Barker, J.H. 8-82311
- Alent'ev, A.N.**, Shibaev, I.G. Inhomogeneity in light collection in large scintillation counter 8-82573
- Aleonard, S.**, Guitel, J.C., Roux, M.T. Crystal structure of the phase $\beta\text{-Ker}_2\text{F}_{10}$ 8-51500
- Aleonard, S.** see Durand, J. 8-52507
- Aleshin, A.N.**, Bokhshtein, B.S., Shvindlerman, L.S. Diffusion of zinc along (100) tilt boundaries in aluminum 8-91475
- Aleshin, I.V.**, Bonch-Bruевич, A.M., Imas, Ya.A., Libenson, M.N., Rubanova, G.M., Salyadinov, V.S. Laser-induced evaporation of nonlinearly absorbing dielectric 8-80438
- Aleshin, N.P.**, Mogil'ner, I.Yu. Determination of optimal angles of inclination for the piezoelectric plates of wedge-block combination double transceiver probes used in pipe weld inspection 8-76808
- Aleshin, V.A.**, Dubrov, M.N. Laser interferometers with a path difference up to 1 km [geophysical applications] 8-61616
- Aleshin, V.G.** see Nemoshkalenko, V.V. 8-52639, 8-64445
- Aleshin, V.I.**, Bakalyarov, A.M., Balysh, A.Ya., Lebedev, V.I., Malinovskaya, S.A., Vetrnenko, L.P., Pelepyagina, L.E. Plastic scintillator of high transparency containing gadolinium 8-78567
- Aleshin, Yu.D.**, Arutyunyan, G.A., Varlamov, L.I., Kiselevich, I.L., Melnichenko, I.A., Mikhailichenko, V.I., Nikitin, S.Ya., Shkarlet, V.D. Topological cross sections of $\pi+\pi$ interactions at the momentum of 4.2 GeV/c 8-89732
- Aleshkevich, N.I.**, Voitenko, A.I., Red'ko, V.P. Fabrication of optical waveguides by solid-state diffusion of Ag and Cu in barium crown and flint glasses 8-59166
- Alessandrini, E.I.**, Laibowitz, R.B., Tsuei, C.C. Structural analysis of RF and DC sputtered Nb_3Ge thin films containing oxygen 8-72022
- Alessi, J.G.** see Baktash, C. 8-82269
- Alessi, P.**, Kikic, I., Papo, A. Correlation of activity coefficients at infinite dilution with the Wilson and UNIQUAC equations 8-64875
- Aleszka, J.C.** Low energy impact behavior of composite panels 8-72845
- Aleszka, J.C.** see Beaumont, P.W.R. 8-80626
- Alevra, A.**, Duma, M., Dumitrescu, R., Lukas-Koch, I.R., Magda, M.T. Preequilibrium emission of neutrons induced by 12.5 MeV protons on ^{107}Ag , ^{197}Ag and ^{209}Bi nuclei 8-62542
- Alex, V.**, Hansch, C., Naumann, E. X-ray topography with extreme-value guidance. I. Guidance and image recording principles 8-63637
- Alexander, A.J.**, Kroto, H.W., Maier, M., Walton, D.R.M. The microwave spectra of symmetric top polyacetylenes. 1,3,5-Heptatriene, $\text{CH}_2(\text{C}=\text{C})\text{H}$ and 1-cyano-2,4-pentadiene, $\text{CH}_2(\text{C}=\text{C})\text{CN}$ 8-58676
- Alexander, C., Jr.** see Cooke, D.W. 8-72615
- Alexander, C.A.** see Bauer, A.A. 8-86612
- Alexander, E.** see Roath, S. 8-53599
- Alexander, E.C., Jr.** see Saito, K. 8-96167
- Alexander, G.**, Criegee, L., Dehne, H.C., Derikum, K., Devenish, R., Flugge, G., Franke, G., Gerke, Ch., Hackmack, E., Harms, P., Horlitz, G., Kahl, Th., Knies, G., Lehmann, E., Schmitz, R., Thompson, R.L., Timm, U., Waloschek, P., Winter, G.G., Wolff, S., Zimmermann, W., Wagner, W., Blobel, V., Garfinkel, A.F., Koppitz, B., Lohrmann, E., Luhrsens, W., Backer, A., Burger, J., Grupe, C., Zech, G., Meyer, H., Rossler, M., Wacker, K. Measurement of the $f^2(1270)$ polarisation in the $J/\psi \rightarrow \pi^0 \gamma$ decay 8-74251
- Alexander, G.**, Criegee, L., Dehne, H.C., Derikum, K., Devenish, R., Flugge, G., Franke, G., Gerke, Ch., Hackmack, E., Harms, P., Horlitz, G., Kahl, Th., Knies, G., Lehmann, E., Schmitz, R., Timm, U., Waloschek, P., Winter, G.G., Wolff, S., Zimmermann, W., Wagner, W., Blobel, V., Boesten, L., Garfinkel, A.F., Koppitz, B., Lohrmann, E., Luhrsens, W., Spitzer, H., Backer, A., Burger, J., Grupe, C., Zech, G., Meyer, H., Rossler, M., Wacker, K. Observation of the decay $\tau \rightarrow \pi \nu$ 8-89766
- Alexander, G.** see Berger, Ch. 8-62414, 8-89725
- Alexander, G.** see Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Alexander, G.** see Gidal, G. 8-58201
- Alexander, G.W., Jr.** see Silberstein, E.B. 8-65112
- Alexander, J.A.**, Leason, L.J., Clancy, J. The locus of unique green in deuteranomalous trichromats 8-53400
- Alexander, J.B.** see Jones, J.S. 8-73734
- Alexander, J.M.** see Delagrang, H. 8-66325
- Alexander, J.M.** see Fleury, A. 8-66326
- Alexander, J.M.** see Miller, J.M. 8-50220
- Alexander, K.C.** see Aiyar, A.S. 8-80925
- Alexander, K.F.** see Hintze, W. 8-75374
- Alexander, L.J.** Use of 'black light' in assessing pupillary responses 8-64977
- Alexander, M.H.**, Dagdigan, P.J. Statistical and dynamical influences on electronic branching in reactions of ground- and excited-state alkaline earth atoms with molecular oxidants 8-92451
- Alexander, P.W.**, Pickett, G.R. Pressure and temperature dependence of the positive ionic mobility in normal liquid ^3He 8-91504
- Alexander, S.** Hamiltonian formulation of bond percolation: an alternative derivation 8-81926
- Alexander, S.**, Bernasconi, J., Orbach, R. Spectral diffusion in a one-dimensional percolation model 8-80411
- Alexander, S.**, Holstein, T. Lattice diffusion and the Heisenberg ferromagnet 8-88090
- Alexander, S.**, McTague, J. Should all crystals be BCC? Landau theory of solidification and crystal nucleation 8-83761
- Alexander, S.** see Balberg, I. 8-68004
- Alexander, S.** see Bernasconi, J. 8-72114
- Alexander, T.K.** see Beene, J.R. 8-70485
- Alexander, T.K.** see Horn, D. 8-54792
- Alexander, Y.**, Moffa, P.J. Quasifree scattering of kaons 8-50214
- Alexandrakis, G.C.** Determination of molecular size and Avogadro's number: A student experiment 8-81741
- Alexandrakis, G.C.** see Allen, J.W. 8-88194
- Alexandre, F.** Study of the surface segregation of alkali metal impurities implanted in gallium arsenide 8-60544
- Alexandrov, A.F.**, Savichev, A.T. On distribution of conductivity in high current discharge channel in air 8-71589
- Alexandrov, I.V.**, Khairutdinov, R.F., Zamarayev, K.I. Electron tunneling in solid phase redox reactions. Experimental values of parameters characterizing the rate of tunneling and theoretical models for long range electron transfer 8-76844
- Alexandrovskii, A.N.**, Kokshenev, V.B., Manzheli, V.G., Tolkaev, A.M. Thermal expansion of solid methane and conversion processes 8-95163
- Alexandrowicz, Z.** Detailed balance and intensive parameters for the Ising model at non-equilibrium. I. Computer simulation results 8-76208
- Alexandrowicz, Z.** Detailed balance and intensive parameters for the Ising model at non-equilibrium. II. Theoretical estimation 8-76209
- Alexandru, Gr.** Sommerfeld-Watson transformation for nuclear fission 8-86526
- Alexanian, M.** Scale-breaking model of the renormalization group 8-49972
- Alexanian, M.**, Brito, R.A. Excitation spectrum of a system of interacting bosons 8-71897
- Alexeev, B.V.**, Vaulin, E.P., Nesterov, G.V. Mathematical simulation of transferring processes in the cathode region of a gas discharge 8-71600
- Alexeev, V.I.**, Emelianov, B.A., Egorov, A.I., Kabina, L.P., Kaminker, D.M., Khazov, Yu.L., Kondurov, I.A., Leushkin, E.K., Loginov, Yu.E., Martynov, V.V., Rumiantsev, V.L., Sakharov, S.L., Sushkov, P.A., Borner, H.G., Davidson, W.F., Pinston, J.A., Schreckenbach, K. The level structure of ^{122}Sb 8-54721
- Alexeff, I.**, Ishihara, O. Landau damping for students 8-57723
- Alexopoulos, K.** see Varotsos, P. 8-75872
- Alexopoulos, K.** see Varotsos, P.A. 8-79800
- Alexopoulos, N.G.** see Kerner, S.R. 8-63199
- Alexopoulos, N.G.** see Uzunoglu, N.K. 8-62972
- Alfano, R.R.** see Ho, P. 8-59768, 8-67636
- Alfano, V.** De see De Alfano, V.
- Alfassi, Z.B.** Preparation of carrier-free short-lived radioisotopes using a 14 MeV neutron generator. IV. The preparation of radioactive manganese 8-50178
- Alfassi, Z.B.** A suggestion for a $V=3$ to $V=2$ only HCl laser 8-71095
- Alfassi, Z.B.**, Biran-Izak, T., Mantel, M. The removal of beta particles in the measurement of X-rays with a $\text{Si}(\text{Li})$ detector 8-55091
- Alfassi, Z.B.**, Giniger, R., Huler, E., Reisler, H. Spectroscopy and energy distribution study of the $\text{Cl}+\text{HI}$ chemical laser 8-71096
- Alfassi, Z.B.** see Mantel, M. 8-74101
- Alfness, R.C.**, Schmidt, R.V. Tunable optical waveguide directional coupler filter 8-79144
- Alferov, V.A.** see Kesler, Ya.A. 8-51703
- Alferov, V.N.**, Zarucheskii, V.G., Kotov, V.I., Lyamin, V.N., Chernyi, S.A., Yampol'skii, I.R. Power recovery in an RF charged-particle separator 8-66440
- Alferov, Zh.I.** Semiconductor heterostructures 8-72250
- Alferov, Zh.I.**, Andreev, V.M., Egorov, B.V., Konnikov, S.G., Lantratov, V.M., Tadzhibaev, F.M. Al-Ga-As heterostructure with confined current flow 8-68081
- Alferov, Zh.I.**, Andreev, V.M., Egorov, B.V., Syrbu, A.V. Heterojunction light-emitting Al-Ga-As diodes formed by negative profiling of the substrate 8-56523

- Alferova, L.K.** The problems of measuring ultraviolet radiation in agricultural production 8-65969
- Alfeyev, V.N., Kolesnikov, A.N.** Critical Josephson current in superconductor-degenerate semiconductor-superconductor structures 8-52162
- Alfintsev, G.A.** see Ovsienko, D.E. 8-71692
- Alfonso, G.C., Pia Verdona, M., Wasiak, A.** Crystallization kinetics of oriented poly(ethylene terephthalate) from the glassy state 8-75579
- Alfonso, P.J.** see Christensen, J.M. 8-77070
- Alford, R.M., Kelly, K.R., Whitmore, N.D.** Acoustic wave propagation by finite-difference techniques 8-73326
- Alford, W.P.** see Fielding, H.W. 8-89890
- Alford, W.P.** see Vold, P.B. 8-74374
- Alfrey, G.F., Borchers, P.H., Hall, R.L.** Measurement of the polarisation of the second order Raman spectrum of gallium phosphide 8-64368
- Alfriend, K.T., Dasenbrock, R., Pickard, H., Deprit, A.** The extended phase space formulation of the Vinti problem 8-53801
- Alfriend, K.T., Lindberg, R.E., Jr.** Geomagnetic field effects on the design of a magnetic attitude control system 8-65484
- Alfthan, C.** von see von Alfthan, C.
- Alfthan, E.** see de Ruvo, A. 8-95144
- Alfven, H.** Double radio sources and the new approach to cosmical plasma physics 8-69898
- Alfven, H., Carlqvist, P.** Interstellar clouds and the formation of stars 8-73744
- Alfven, H.** see Falthammar, C.-G. 8-93051
- Algazin, Yu.B., Arkhipenko, A.V., Baklanov, M.R., Blyumkina, Yu.A., Svita-shev, K.K., Semenenko, L.V., Stepanov, S.A.** Performance characteristics of an automated ellipsometric device: study and analysis 8-49885
- Alge, E.** see Lindinger, W. 8-64834
- Alger, S.R., Rees, J.A.** Transport properties of mass-identified ions in oxygen, nitrogen, carbon monoxide and carbon dioxide 8-87435
- Alger, S.R., Stefansson, T., Rees, J.A.** Measurements of the lateral diffusion of O_2^+ ions in oxygen, N_3^+ and N_4^+ ions in nitrogen, and CO^+ ions in carbon monoxide 8-91055
- Algie, S.H.** Kinetic theories of evaporation 8-79755
- Algra, A.J.** see Luitjens, S.B. 8-87854
- Alguard, M.J., Ash, W.W., Baum, G., Bergstrom, M.R., Clendenin, J.E., Cooper, P.S., Coward, D.H., Ehrlich, R.D., Hughes, V.W., Kondo, K., Lubell, M.S., Miller, R.H., Miyashita, S., Palmer, D.A., Raith, W., Sasao, N., Schuler, K.P., Sheridan, D.J., Souder, P.A., Zeller, M.E.** Deep-inelastic e-p asymmetry measurements and comparison with the Bjorken sum rule and models of proton spin structure 8-70376
- Alguard, M.J.** see Wainwright, P.F. 8-66689
- Alhassid, Y., Levine, R.D.** Connection between the maximal entropy and the scattering theoretic analyses of collision processes 8-81888
- Ali, A., Grant, W.A., Grundy, P.J.** A microstructural study of some amorphous transition metal-metalloid surface alloys formed by ion implantation 8-67730
- Ali, A.** see Turner, D.A. 8-65111
- Ali, A.A., Podus, G.N., Sirenko, A.F.** Determination of the internal stresses in plastically deformed copper single crystals and polycrystals using the relaxation measurement data 8-79615
- Ali, A.A.** see Murthy, S.N. 8-55697
- Ali, A.** Jawad see Jawad Ali, A.
- Ali, A.R.** see Kamel, R. 8-52848
- Ali, A.W.** Theory of $He_2^+ + O_2$ charge exchange laser 8-50759
- Ali, A.W.** see Golden, J. 8-78998
- Ali, A.W.** see Greig, J.R. 8-71568
- Ali, A.W.** see Hammer, D.A. 8-51334
- Ali, E.M.** see Goodyear, J. 8-79578
- Ali, E.S.M.I., Barsoum, M.W., Ishaq, M.H., Merchant, H.D.** Effect of Sb, Sn and Pb on the recrystallization of bismuth 8-52841
- Ali, H., Patel, K.** A simple Permalloy proximity transducer 8-7929
- Ali, M., Bradley, D., Gupta, M.L.** A theoretical study of energy transfer at a negative electrostatic probe 8-79464
- Ali, M.P.** see Tove, P.A. 8-91769
- Ali, N.** see Clouter, M.J. 8-55179
- Ali, R., Saucier, W.** Effect of ultraviolet irradiation and postirradiation incubation on heterogeneous nuclear RNA size in murine cells 8-69139
- Ali, S.M.J., Sarna, S.I.** Stress trajectories and stress contours in tapered beams 8-63305
- Ali, S.P.** see Hird, B. 8-78806
- Ali, S.** Twareque see Twareque Ali, S.
- Ali, T.A.** see Cornely, R.H. 8-80072
- Ali Alpar, M.** Relaxation of rotating He II following a spin-up of its container: A superfluid Ekman time? 8-75897
- Ali Khan, I., Dietz, K.J., Waelbroeck, F., Wienhold, P.** Plasma cooling by metal snow. I. Origin of the effect and elimination procedures 8-71494
- Ali Sarwar Syed** see Sarwar Syed Ali
- Ali Shah, G.** see Manson, N.B. 8-60496
- Ali-Khan, I., Dietz, K.J., Waelbroeck, F., Wienhold, P.** Plasma cooling by metal snow. II. Discussion of experimental evidence 8-71495
- Ali-Khan, I., Dietz, K.J., Waelbroeck, F.G., Wienhold, P.** The rate of hydrogen release out of clean metallic surfaces 8-95187
- Ali-Khan, I., Dietz, K.J., Waelbroeck, F.G., Wienhold, P.** Embrittlement of stainless steels by low energy atomic hydrogen particles 8-95809
- Alibegova, Zh.D., Elizbarashvili, E.Sh.** The statistical structure of the cloud field over Transcaucasia 8-92942
- Alibekov, B.G.** see Abdurakhmanov, I.M. 8-63265
- Alibran, P., Blondel, A., Bourotte, J., Degrange, B., Gillespie, J., Jacquet, F., Nguyen-Khac, J., Armenise, N., Bellotti, E., Blum, D., Bonetti, S., Bonneaud, G., Carnesecchi, G., Cavalli, D., Conforto, G., Erriquez, O., Fiorini, E., Fogli-Muciaccia, M.T., Haguenaier, M., Heusse, P., Lundborg, P., Lutz, A.M., Matteuzzi, C., Musset, P., Natali, S., Nuzzo, S., Pascaud, C., Pattison, B., Pullia, A., Rollier, M., Romano, F., Sleeman, J., Vialle, J.P., Willutzky, M., Zanotti, L.** Observation and study of the $\nu_e e \rightarrow \nu_e e$ reaction in Gargamelle at high energy 8-50026
- Alic, J.A.** Fracture resistance of adhesively-bonded 7075-T6 aluminum alloy laminates 8-76754
- Alic, J.A., Danesh, A.** Fracture of laminates combining 2024-T3 and 7075-T6 aluminum alloys 8-56722
- Alic, J.A.** see Pfeiffer, N.J. 8-92345
- Alicki, R.** Generalised electrodynamics 8-81863
- Alidzhanov, F.N., Vakhobov, A.V., Dzuraev, T.D.** Constitution diagrams of the systems Ba-Ti and Sr-Ti 8-80513
- Aliev, A.A.** see Kidin, I.N. 8-56823
- Aliev, D.F.** see Chirkov, V.N. 8-59753, 8-94993
- Aliev, F.K.** see Azimov, S.A. 8-58217
- Aliev, G.B., Verdier, I.A.** On the solution of the bootstrap equations in conformal invariant field theory 8-58142
- Aliev, G.M.** see Aliguliev, R.M. 8-60640
- Aliev, T.M., Dzhaupov, R.G., Yakubov, R.A., Alieva, L.G.** Some aspects of the design of ultrasonic time-coordinate converters 8-77857
- Aliev, T.M., Mirsalimov, R.M., Ibragimov, V.B.** A measuring transducer of a selsyn rotor angle 8-65915
- Aliev, T.M., Saligov, S.G., Damirov, D.I.** One possibility of high-precision measurement of ratio of two voltages 8-70089
- Aliev, T.M., Saligov, S.G., Damirov, D.I.** Increasing the speed of operation of instruments with additive-iterative error correction 8-89423
- Alieva, L.G.** see Aliev, T.M. 8-77857
- Alievsky, M.Ya.** Relaxation absorption of the low-frequency sound waves in neutral and partially ionized atmospheric molecular gas 8-65356
- Alig, R.C., Bloom, S.** Secondary-electron-escape probabilities 8-72651
- Aliguliev, R.M., Zelenev, Yu.V., Aliev, G.M., Kerimov, D.A., Ahmedli, V.I.** The effect of fillers and processing factors (moulding) on the strength properties of high-density polyethylene and the revealment of an optimum 8-60640
- Alikhanov, R.A., Begoulev, V.B., Bendeliani, N.A.** Neutron diffraction study of the high-pressure phase of FeOOH 8-52212
- Alikhanyan, A.S., Steblevskii, A.V., Kalinnikov, V.T., Aminov, T.G., Lazarev, V.B., Grinberg, Ya.Kh., Gorgoraki, V.I.** Mass-spectrometric investigation of evaporation of $CdCr_2Se_4$ 8-53238
- Alikhashkin, Ya.I.** see Smirnov, A.I. 8-51115
- Alikov, B.A., Budzynski, M., Wawrzyszczuk, J., Gromov, K.Ya., Ion-Michai, R., Krupa, E., Luzurei, G.I., Malikov, M.M., Muminov, T.M., Stegailov, V.I., Tanska-Krupa, V., Fominykh, V.I., Fominykh, M.I., Kholbaev, I., Tsupko-Sitnikov, V.M.** Automated correlation spectrometer with two Ge(Li) detectors 8-82562
- Alikov, B.A., Muminov, T.M., Ormandzhiev, S.I., Salikhbaev, U.S., Usmanov, R.R.** Adjustable current-supply stabilizer for magnetic-lens beta spectrometers 8-74528
- Alimov, V.I.** Exoemission defectoscopy of the initial stages of fatigue fracture 8-53126
- Alimov, V.I., Mints, R.I.** Exoemission diagnostics and prediction of the fatigue strength of metals 8-76807
- Alimov, Yu.A., Tikalovich, E.A.** Change in the structure of quenched steel KhVG under the influence of cyclic loads 8-56676
- Alimova, I.A., Ryskin, G.Ya.** Influence of isotopic composition on the density and molecular volume of solid crystalline lithium nitrate hydrates 8-87733
- Alimpiev, S.S., Karlov, N.V., Sartakov, B.G., Khokhlov, E.M.** The spectral structure of the low level excitation in the process of the collisionless dissociation of polyatomic molecules 8-74714
- Alinhac, M.** Energy forecasting in the preparation of French plan VII 8-49628
- Alipieva, E.A., Boyarskii, K.K., Kotlikov, E.N.** Relaxation of the alignment and population of the 6^3P_1 level of cadmium 8-70795
- Alipieva, E.A., Kotlikov, E.N.** Alignment of HgI levels in the plasma of the positive column of a discharge 8-83639
- Alippi, A., Palma, A., Palmieri, L., Socino, G., Verona, E.** Detection of colour components in the scanning of images through acoustic surface waves 8-59149
- Alippi, A., Palma, A., Palmieri, L., Socino, G., Verona, E.** Lensless acousto-optical convolver 8-79170
- Alisauskas, S.I.** Some isoscalar factors of non-canonical bases of classical Lie groups 8-81797
- Alissandrakis, C.E., Kundu, M.R.** 6 centimeter observations of solar bursts with 6" resolution 8-53897
- Alitti, J.** see Erriquez, O. 8-78170
- Aliverti, G., Cinquini, G.** The conditions of the front of the Lys glacier (Monte Rosa) for the years 1971, 1975, 1976 8-85610
- Alix, A.J.P.** High and low frequency separation method: pseudo exact force constants, compliances and mean square amplitudes 8-50539
- Alkemade, C.Th.J.** see Van Dijk, C.A. 8-74625
- Alker, G.J., Jr.** see Panaro, V.A. 8-88739
- Alkhazov, G.D., Belostotsky, S.L., Vorobyov, A.A.** Scattering of 1 GeV protons on nuclei 8-70536
- Alkhazov, G.D.** see Birbrair, B.L. 8-89783
- Alkier, K.W.** Underwater acoustic backscattering and echo structure characteristics for a thin stiffened plate 8-55492
- Alksnis, A.F.** see Kragis, I.Zh. 8-68743
- Allaart, K., Muther, H.** Hermitian operator method calculation in the pf shell 8-54702
- Allaart, K.** see van Gunsteren, W.F. 8-93953
- Alladin, S.M., Parthasarathy, M.** Tidal disruption and tidal coalescence in binary stellar systems 8-93330
- Allahdadi, F.** see Freymuth, P. 8-94653
- Allakhverdiev, K., Sardarly, R., Wondre, F., Ryan, J.F.** Raman and infrared spectra of $TiGaSe_2$ 8-76462
- Allakhverdiev, K.R., Nizametdinova, M.A., Sardarly, R.M., Vinogradov, E.A., Zhizhin, G.N.** Optical phonons in III-VI and III-III-VI compounds 8-59903
- Allakhverdiev, K.R., Vinogradov, E.A., Melnik, N.N., Nizametdinova, M.A., Salaev, E.Yu., Sardarly, R.M.** Vibrational properties of $TiSe_2$ 8-71800
- Allakhverdiev, K.R.** see Mavrin, B.N. 8-68513
- Allam, S.H.** see El-Kheshin, M. 8-61878
- Allamandola, L.J., Lucas, D., Pimentel, G.C.** Synchronized flash photolysis and pulse deposition in matrix isolation experiments 8-73120
- Allamandola, L.J., Norman, C.A.** Infra-red molecular line emission from grain surfaces in dense clouds 8-61905
- Allan, C.J.** Response characteristics of self-powered flux detectors in CANDU reactors 8-82594
- Allan, D.W., Hellwig, H., Jarvis, S., Jr., Howe, D.A., Garvey, R.M.** Some causes and cures of frequency instabilities (drift and noise) in cesium beam frequency standards 8-57912
- Allan, D.W.** see Hellwig, H. 8-57908
- Allan, D.W.** see Hellwig, H.W. 8-54345
- Allan, G.** Surface electronic structure of antiferromagnetic chromium 8-64090
- Allan, G.** see Lagersie, D. 8-59885
- Allan, H.R.** see Atrashkevich, V.B. 8-93061
- Allan, H.R.** see Crannell, C.J. 8-85779
- Allan, L.E., McCormick, G.C.** Measurements of the backscatter matrix of dielectric spheroids 8-66716
- Allan, P., Bevis, M., Low, A., Vesely, D.** The microstructure and micromechanisms of deformation in polyethylene single crystals and spherulites 8-83758
- Allaniyazov, Kh.A., Kremlevskii, P.P., Gonen, N.F.** Application of correction factors for blunting of diaphragm input rim [flowmeters] 8-75240
- Allard, P., Le Guern, F., Sabroux, J.C.** Thermodynamic and isotopic studies in eruptive gases 8-69316
- Allario, F.** see Peyton, B.J. 8-57369

- Allas, R.G., Beach, L.A., Bondelid, R.O., Myers, L.T., Petersen, E.L., Lambert, J.M., Treado, P.A., Slaus, I. Two-spectator quasifree processes 8-86539
- Allasia, D. *see* Enriquez, O. 8-82195
- Allavena, M. *see* Tapia, O. 8-62713
- Allawadhi, K., Verma, S.L., Ghuman, B.S., Sood, B.S. Determination of integral Compton-scattering cross-sections of 662 keV γ rays from K-shell electrons in intermediate Z elements 8-58643
- Allawadhi, K.L., Arora, S.K., Sood, B.S. Measurement of L-shell photoelectric cross sections in high Z elements at 60 keV 8-58636
- Allawadhi, K.L., Arora, S.K., Sood, B.S. Average L shell fluorescence yields following K to L transfer of vacancies in some high Z elements 8-74606
- Allawadhi, K.L. *see* Verma, S.L. 8-90128
- Aldritt, M., Foord, R., Jones, R., O'Shaughnessy, J.O., Pomeroy, W.R.M., Vaughan, J.M., Watson, D. Carbon dioxide laser velocimetry techniques 8-61623
- Allebach, J.P. Random nucleated half-tone screen 8-62192
- Allee, P.A. *see* Parungo, F.P. 8-81284
- Allegra, G. Elasticity of a real polymer chain for different modes of motion 8-66696
- Allegra, G., Bassi, I.W., Meille, V.S. Crystal powder statistics. I. Lorentzian line profiles in diffraction spectra of Bernoullian samples 8-91188
- Allegre, C.J., Minster, J.F. Quantitative models of trace element behavior in magmatic processes 8-65214
- Allegre, C.J. *see* Birck, J.L. 8-65561
- Allegre, C.J. *see* Bottinga, Y. 8-65237
- Allegre, C.J. *see* Manhès, G. 8-65560
- Allegre, J., Averous, M., Joulie, A. Photoluminescence studies on $\text{Al}_x\text{Ga}_{1-x}\text{Sb}$ alloys 8-95602
- Allegrini, M., Johns, J.W.C., McKellar, A.R.W. The ν_3 and ν_6 fundamental bands of HDClO in the 9-11 μm region 8-70827
- Allelein, H.J. *see* Stover, D. 8-55399
- Allen, A. *see* Gelles, R. 8-50839
- Allen, B.J. *see* Musgrove, A.R.de L. 8-50161
- Allen, C.J. *see* Allen, D.A. 8-81687
- Allen, D.A. Classification spectra of Sanduleak and Stephenson emission-line stars 8-93273
- Allen, D.A., Longmore, A.J., Hawarden, T.G., Cannon, R.D., Allen, C.J. Compact galaxies on UK Schmidt plates 8-81687
- Allen, D.A. *see* Wright, A.E. 8-93274
- Allen, D.G., Blinks, J.R. Calcium transients in aequorin-injected frog cardiac muscle 8-61149
- Allen, D.M., Cristy, M. Thiourea does not block visual pigment responses to prolactin in trout 8-69065
- Allen, D.M., Horne, D.F., Stevens, G.W.W. Preparation of specimens for microscopic examination of edge profiles 8-57921
- Allen, F.S. *see* Sun, L.K. 8-68471
- Allen, G., Tanaka, T. A small-angle neutron scattering study on poly(ethylene oxide) crystals 8-51447
- Allen, G. *see* Richards, R.W. 8-50671
- Allen, G.C., McMeeking, R.F. Deconvolution of spectra by least-squares fitting 8-64897
- Allen, G.D. Vowel duration measurement: A reliability study 8-65052
- Allen, G.R., Owens, D.K., Seiler, S.W., Yamada, M., Ikezi, H., Porkolab, M. Parametric lower-hybrid instability driven by modulated electron-beam injection 8-91127
- Allen, J.A. *see* Van Allen, J.A.
- Allen, J.D., Jr. *see* Vick, D.O. 8-50575
- Allen, J.E. *see* Johnson, P.C. 8-83585, 8-87499
- Allen, J.E. *see* Wickens, L.M. 8-71513
- Allen, J.S., Kundu, P.K. On the momentum, vorticity and mass balance on the Oregon Shelf 8-69356
- Allen, J.W., Alexandrakis, G.C. Phonon propagation in ferromagnetic resonance 8-88194
- Allen, J.W., Martin, R.M., Batlogg, B., Wachter, P. Mixed valent SmB_6 and gold-SmS: metals or insulators? 8-68029
- Allen, J.W., Rice, S.A. On the existence of a nonmonotone surface ion density in liquid metals: Perturbative introduction of discrete ions into jellium 8-72222
- Allen, J.W. *see* Hayes, T.M. 8-55815
- Allen, J.W. *see* Lucovsky, G. 8-59904
- Allen, J.W. *see* Van Allen, J.W.
- Allen, K.W. *see* Balamuth, D.P. 8-50132
- Allen, K.W. *see* Watt, F. 8-55076
- Allen, L. *see* Marx, B.R. 8-86836
- Allen, L.J., Fiedelney, H. Would the peak value of the electromagnetic quadrupole form factor of the deuteron determine the percentage D-state? 8-93950
- Allen, M.D., Briant, J.K. Characterization of LMFBR fuel-sodium aerosols 8-94104
- Allen, N.L., Allibone, T.E., Dring, D. The ion density in a high-voltage laboratory resulting from repeated operation of an impulse generator 8-65913
- Allen, N.L., Allibone, T.E., Dring, D. The influence of background ionisation on negative impulse corona and sparkover 8-87540
- Allen, N.L., Barraclough, W.A. Density dependence of electron drift velocities in compressed argon and ammonia 8-63534
- Allen, N.L. *see* Allibone, T.E. 8-87541
- Allen, P.B. New method for solving Boltzmann's equation for electrons in metals 8-72127
- Allen, P.B., Pickett, W.E., Ho, K.M., Cohen, M.L. Anomalous resistivities of A 15 metals—insights from band theory 8-60106
- Allen, P.B. *see* Pinski, F.J. 8-80085
- Allen, P.C., Lazarus, D. Effect of pressure on ionic conductivity in rubidium silver iodide and silver iodide 8-51733
- Allen, P.H.G. *see* Szpiro, O. 8-90895
- Allen, P.S., Taylor, D.G. An analytical determination of the proton second moment from tunnelling methyl groups, together with a numerical estimate of its modification due to the experimental signal-to-noise ratio 8-70766
- Allen, R. *see* Kruer, M. 8-90443
- Allen, R.E. A general Green function method for calculating electronic structure and vibrational modes at surfaces 8-88012
- Allen, S.D., Harrington, J.A. Optical absorption in KCl and NaCl at infrared laser wavelengths 8-71160
- Allen, S.D. *see* Garmire, E. 8-79145
- Allen, S.H., Kin-Ping Wong. Conformational prediction and circular dichroism studies on ribosomal protein S4 from *Escherichia coli* 8-96003
- Allen, S.J., Jr., Cooper, A.S., DeRosa, F., Remeika, J.P., Ulasi, S.K. Far-infrared absorption and ionic conductivity of Na, Ag, Rb, and K β -alumina 8-72512
- Allen, S.J., Jr. *see* Tsui, D.C. 8-60230, 8-68062
- Allen, V.H., Shorey, W.R.J., Stirling, A.J. The development of irradiated fuel bundle counters for 600 MW CANDU reactor safeguards systems 8-94119
- Allender, D.W., Doane, J.W. Biaxial order parameters in liquid crystals: their meaning and determination with nuclear quadrupole resonance 8-59750
- Aller, L.H., Czyzak, S.J. Chemical composition of gaseous nebula NGC 6302 8-96525
- Aller, L.H., Keyes, C.D., Czyzak, S.J. Chemical compositions of Magellanic Clouds' H II regions based on photoelectric spectrophotometry 8-77607
- Allergre, C.J. *see* Stettler, A. 8-61443
- Allery, M.B.P. The fracture toughness of ferritic/pearlitic medium carbon/manganese steels 8-56762
- Alles, A. *see* Blachnik, R. 8-91450
- Alley, D.M., Barker, R.E., Jr. An electromechanical system for diagnosis of spinal abnormalities 8-73286
- Alley, W.E. *see* Alder, B.J. 8-63850
- Algaier, R.S., Houston, B., Restorff, J.B. Weak-field magnetoresistance symmetry in epitaxial films and bulk crystals of p-type SnTe 8-84236
- Algaier, R.S. *see* Brown, R.W. 8-80077
- Allia, P., Ferro-Milone, A., Montalenti, G., Soardo, G.P., Vinai, F. Theory of negative magnetostriction in grain oriented 3% SiFe for various inductions and applied stresses 8-91917
- Allia, P., Vinai, F. Crystal field theory and magnetic properties of transition metal ions in amorphous compounds 8-72318
- Allia, P., Vinai, F. Theory of directional order and induced anisotropy energy in ferromagnetic amorphous systems 8-95431
- Allibert, C., Bernard, C., Valignat, N., Dombre, M. Co-Cr binary system: Experimental re-determination of the phase diagram and comparison with the diagram calculated from the thermodynamic data 8-76631
- Allibone, T.E. Velocities of leader-strokes to lightning and spark discharges 8-94947
- Allibone, T.E., Dring, D. Sparkover of a rod/rod gap stressed with a non-standard impulse voltage: effect of added radiation 8-67564
- Allibone, T.E., Dring, D., Allen, N.L. Impulse corona development in rod/plane gaps—negative polarity 8-87541
- Allibone, T.E. *see* Allen, N.L. 8-65913, 8-87540
- Alliez, J., Lafargue, C. Electrification of drops of aqueous saline solution by evaporation or by water vapour condensation 8-61511
- Allinikov, S. *see* Crane, R.L. 8-95880
- Allison, A.C. *see* Aldeen, I.H.K. 8-90227
- Allison, A.C. *see* Raptis, A. 8-49694
- Allison, D.A. *see* Cavell, R.G. 8-78749
- Allison, G.M. *see* Balakrishnan, P.V. 8-58335
- Allison, J. *see* Jones, S.R. 8-60172
- Allison, T. *see* Wicke, J.D. 8-69245
- Allison, W.W.M., Bunch, J.N., Cobb, J.H. Relativistic charged particle identification by ionisation loss counters 8-70696
- Allkofer, O.C., Carstensen, K., Dau, W.D., Jokisch, H. Sea-level muon charge ratio of cosmic rays at high energies 8-89029
- Alman, D.J. A theory for elastic stresses in adhesive bonded lap joints 8-55563
- Alman, S.L. *see* Hurst, G.S. 8-90025
- Almen, M. *see* von Almen, M.
- Alnnatt, A.R. *see* Kin-Chue Ng 8-87771
- Alloin, D., Chelli, A. Nitrogen overabundance in the interstellar gas of the nucleus of the galaxy NGC 6946 8-89257
- Alloul, H. *see* Wada, S. 8-80096
- Alfred, J.C., Bradbury, J.N., Rosen, L., Hungerford, E.V., Kidder, H.R., Osborne, W.Z., Phillips, G.C. Pion radiotherapy: studies with nuclear emulsions 8-73219
- Alfred, J.C. *see* Hudomalj-Gabitzsch, J. 8-70385
- Alfred, J.C. *see* Mutchler, G.S. 8-70387
- Alfred, R.E., Guess, T.R. Efficiency of double-lapped composite joints in bending 8-68870
- Allsopp, N.J. A neutral-hydrogen survey of the dwarf irregular galaxy Leo A 8-81688
- Allum, D.R., McClintock, P.V.E. Nucleation of negatively charged vortex rings in superfluid helium-4 near its solidification pressure 8-55997
- Allwood, R.L. *see* Burdett, J.K. 8-92492
- Allyn, C.L., Gustafsson, T., Plummer, E.W. Analyzer system capable of determining energy and direction of charged particles in ultrahigh vacuum 8-86750
- Alm, A. *see* Lindgren, L.J. 8-50219
- Almaev, R.Kh., Semenov, L.P. Broadening of a radiation beam propagating in a randomly inhomogeneous clearing cloudy medium 8-58911
- Almagor, E., Belfort, G. Relaxation studies of adsorbed water on porous glass. I. Varying coverages and pore size at constant temperature 8-84053
- Almairac, R., Sauvajol, J.L., Benoit, C., Bon, A.M. Dielectric properties of crystals with rutile structure. II. Experimental results (neutron-Raman) and model discussion 8-79684
- Almairac, R. *see* Rousseau, M. 8-75794
- Almairac, R. *see* Sauvajol, J.L. 8-56471, 8-64369
- Alman, D.H. Errors of the standard photometric system when measuring the brightness of general illumination light sources 8-58005
- Almasy, M.Y. A phenomenological model for mixed-oxide fuel pin cladding breaches 8-82451
- Almasy, M.Y. *see* Weber, J.W. 8-82450
- Almasy, R.J., Reynolds, D.C., Litton, C.W., Bajaj, K.K., Look, D.C. Sharp line emission spectra from GaAs FET like structures 8-72248
- Almaula, N.R. *see* Kotadia, K.M. 8-69603
- Almazov, L.A. Odd magnetoresistance of p-type germanium at low temperatures 8-72178
- Almehed, S. *see* Alsbrow, M.G. 8-58214
- Almeida, A.A.de *see* de Almeida, A.A.
- Almeida, A.B. *see* Caprihan, A. 8-81012
- Almeida, J.R.L.de *see* de Almeida, J.R.L.
- Almeida, N.S., Miranda, L.C.M. Light scattering from magnons in ferromagnetic semiconductors under strong fields 8-84554
- Almeida, N.S. *see* Skeff Neto, K. 8-84456
- Almeida, S.P., Case, S.K., Dallas, W.J., Lai, P.J., Fournier, J.M., Cairns, J., Jr., Dickson, K.L., Pryogle, P. Pattern recognition of biological specimens via matched spatial filtering [water pollution monitoring] 8-69261
- Almeida, W.A. *see* Gonzales, W.D. 8-57408
- Almond, D.P., Rayne, J.A. A review of the ultrasonic attenuation in the one-dimensional antiferromagnet CsNiCl_2 8-88156
- Almond, E.A., Roebuck, B. The precracking of fracture toughness specimens of ceramics by a wedge-indentation technique 8-85087
- Almond, P.R. *see* Smathers, J.B. 8-96098
- Alms, G.R., Patterson, G.D. Depolarized Rayleigh scattering from benzonitrile 8-68522
- Almstrom, C., Herberts, P. Individually adapted control system for a multifunctional prosthetic hand 8-57127
- Alnot, M. *see* Ducros, R. 8-85194
- Alonso, E.V. *see* Baragiola, R.A. 8-80446
- Alonso, J.A., Girifalco, L.A. Nonlocal approximation to the exchange potential and kinetic energy of an inhomogeneous electron gas 8-72096
- Alonso, J.D., Hakim, R. Thermodynamical properties of the relativistic quantum scalar plasma 8-75410
- Alonso, S. *see* Gallardo, F.S. 8-88846
- Alloyan, A.E. *see* Yordanov, D.L. 8-88882
- Alp, C. Calculations on a checkerboard pool core 8-74424
- Alpar, M.Ali *see* Ali Alpar, M.

- Alpen, U.** *see* Hofer, H.H. 8-75870
- Alpen, U.** *see* Von Alpen, U.
- Alper, A.** *see* Liu, J.T.C. 8-94671
- Alper, B.,** Aston, D., Clark, A.G., Duke, P.J., Evans, W.M., Gee, C.N.P., Gray, R.J., Groves, E.S., Holloway, L.E., Jackson, J.N., Morris, J.V., Ott, R.J., Rock, S.E., Shah, T.P., Shave, A.J., Thresher, J.J., Wenzel, W.A. Multiplicity distributions associated with charged hadron production over a range of transverse momentum and production angle at ISR energies 8-70414
- Alper, J.S.,** Carroll, M.A., Gelb, A. Classical trajectory study of rotationally inelastic scattering of two HF molecules 8-82819
- Alperin, H.** *see* Rhyne, J. 8-68174
- Alperovich, L.L.,** Komarova, A.I., Narziev, B.N., Pushkarev, V.N. Optical constants of petrels in the 0.25-25 μ m region 8-76976
- Alperovits, E.,** Shamir, U. Design of optimal water distribution systems 8-61457
- Alpers, W.,** Hasselmann, K. The two-frequency microwave technique for measuring ocean-wave spectra from an airplane or satellite 8-77336
- Alpers, W.** *see* Hasselmann, K. 8-81418
- Alpenson, Z.** *see* Wolfson, R. 8-92920
- Alpert, N.M.** *see* Subramanyam, R. 8-65108
- Alphen, G.W.H.M.** *see* van Alphen, G.W.H.M.
- Alphonse, G.A.** *see* Burke, W.J. 8-82929
- Alqasbi, R.,** Knauth, H.-D., Rohlack, D. Determination of standard enthalpies of formation of ClNO_3 , Cl_2O and ClO 8-53235
- Alquie, C.,** Lewiner, J. Electret ultrasonic transducers 8-59244
- Alquie, G.,** Kreisler, A., Burger, J.P. ESR in the Pd-Mn system: some evidences of a bottlenecked relaxation for the Mn^{2+} ion 8-72401
- Alroy, S.,** Christiansen, W.H. Observation of electron-neutral inverse bremsstrahlung in an electron-beam-sustained discharge 8-63604
- Als-Nielsen, J.,** Birgeneau, R.J., Kaplan, M., Litster, J.D., Safinya, C.R. High resolution X-ray studies of the smectic A-nematic transition 8-94984
- Alsaigh, J.,** Christiano, P. Instability of an elastically restrained column subjected to a fol-lower force 8-63299
- Alschner, G.** *see* Ehrl, A. 8-64854
- Alsem, W.H.M.,** Bronsveld, P.M., Van Royen, E.W. Superlattice dislocations in Cu_2NiZn 8-83816
- Alsenz, R.** *see* Lee, B.W. 8-51807
- Al'shabouri, S.M.** Solution to the problem of translatory-rotary motion of two gravitating spheroids 8-73841
- Al'shits, I.M.** *see* Golubkov, A.G. 8-53267
- Al'shits, V.I.,** Indenbom, V.L., Rusakova, I.A. The iconic approximation in the theory of the electron-microscopic image, and its generalization 8-79509
- Al'shits, V.I.** *see* Lothe, J. 8-67898
- Alsmiller, F.S.** *see* Alsmiller, R.G., Jr. 8-61550
- Alsmiller, R.G., Jr.,** Alsmiller, F.S., Bertini, H.W., Begovich, C.L. Monte Carlo simulation of turbulent atmospheric transport: comparison with experimental data 8-61550
- Alsmiller, R.G., Jr.,** Gabriel, T.A., Barish, J. Photon dose rate from induced activity in the beam stop of a 400 GeV proton accelerator 8-94144
- Alspach, S.D.** *see* Bearman, G.H. 8-82833
- Alster, J.** *see* Freedom, B.M. 8-70571
- Alston-Garnjost, M.,** Kenney, R.W., Pollard, D.L., Ross, R.R., Tripp, R.D., Nicholson, H., Ferro-Luzzi, M. Total cross section of the reaction $\text{K}^+p \rightarrow \text{K}^0n$ from 515 to 1065 MeV/c 8-66152
- Alston-Garnjost, M.,** Kenney, R.W., Pollard, D.L., Ross, R.R., Tripp, R.D., Nicholson, H. Differential cross section of the reaction $\text{K}^+p \rightarrow \text{K}^0n$ from 515 to 956 MeV/c 8-66153
- Alstrup, O.** Pendellosing effects as a tool for examining minute strains with a triple-crystal X-ray spectrometer 8-55773
- Aht, E.O.,** Sandhas, W., Ziegelmann, H. Coulomb effects in three-body reactions with two charged particles 8-78331
- Al'taie, M.B.** Bose-Einstein condensation in an Einstein universe 8-77797
- Altamore, A.** *see* Baratta, G.B. 8-61866
- Altanhan, T.** A theoretical study of the electronic properties of metallic VO_2 8-84195
- Altarelli, G.,** Martinelli, G. Transverse momentum of jets in electroproduction from quantum chromodynamics 8-62367
- Altarelli, G.,** Parisi, G., Petronzio, R. Transverse momentum in Drell-Yan processes 8-62374
- Altarelli, G.,** Parisi, G., Petronzio, R. Transverse momentum of muon pairs produced in hadronic collisions 8-62375
- Altena, D.,** Binnenkade, P. Air pollution monitoring using continuous point sources. X. Miscellaneous (conclusion). (iii). Environmental study using an aircraft 8-81366
- Altena, W.F.** *see* van Altena, W.F.
- Altena, W.F.** *see* Van Altena, W.F.
- Altenberger, A.R.** On the theory of generalized diffusion processes in many-particle systems 8-73942
- Alterkop, B.A.,** Volokitin, A.S., Rosinskij, S.E., Rukhadze, A.A., Tarakanov, V.P. Interaction of the relativistic electron beam with the electrostatic wave in the bounded plasma 8-75375
- Alterkop, B.A.,** Volokitin, A.S., Tarakanov, V.P. Langmuir turbulence driven by a constant pump 8-75341
- Alterkop, B.A.,** Volokitin, A.S., Tarakanov, V.P. Influence of the modulation instability on a beam relaxation in a plasma 8-75367
- Alterovitz, S.A.,** Woollam, J.A. Critical current and scaling laws in evaporated two-phase $\text{Cu}_2\text{S}/\text{MoS}_2$ 8-91831
- Alterovitz, S.A.,** Woollam, J.A., Kammerdiner, L., Huey-Lin Luo Critical currents in sputtered PbMo_2S_8 8-84369
- Alterovitz, S.A.** *see* Woollam, J.A. 8-91660, 8-91783, 8-95400
- Alterowitz, R.,** Dannemiller, F.J., Devall, R.A. Use and acceptance of automated monitoring systems in the intensive care unit 8-81057
- Altes, J.** *see* Kroger, W. 8-82429
- Althaus, H.L.,** Weiser, G., Nagel, S. Optical spectra and band structure of As_2Se_3 8-63979
- Althoff, K.H.,** Gies, M., Herr, H., Hilger, E., Kadansky, V., Kaul, O., Konigsmann, K., Menze, D., Meyer, W., Miczaika, T., Schwill, W.J., Wolf, D. Photoproduction of $\text{K}^+\Lambda^0$ on polarised protons 8-66125
- Althouse, W.E.,** Cummings, A.C., Garrard, T.L., Mewaldt, R.A., Stone, E.C., Vogt, R.E. A cosmic ray isotope spectrometer 8-85797
- Altick, P.L.,** Shin, H.K. A model calculation of vibration-translation energy transfer 8-66634
- Altiero, N.J.,** Sikarskie, D.L. Chip formation in anisotropic rock 8-61407
- Altman, D.E.,** Taylor, H.F. An eight-terminal fiber optics data bus using tee couplers 8-59129
- Altman, J.A.,** Beddard, G.S., Porter, G. A theoretical investigation of the dynamics of energy trapping in a two-dimensional model of the photosynthetic unit 8-88697
- Altmann, K.,** Klunker, E., Roske, W. Noise-level measurement at a 500-MW power station unit 8-55517
- Altmann, S.,** Zeidler, H., Hartmann, F. Rheology of pathological synovial fluid 8-57032
- Altmann, S.L.,** Barton, W. The cellular method for non-spherical potentials 8-56063
- Altmeld, M.,** Champness, C.H. Fabrication and characteristics of a Te-Se-CdO structure 8-76106
- Altmeyer, O.** Mixing rule of Hall carrier mobility in mixed powder materials 8-52008
- Altmeyer, O.,** Euler, K.-J. Mixing rules concerning Hall effect and Hall mobility in compressed powder combinations 8-84234
- Alton, G.D.** *see* Laubert, R. 8-84692
- Alton, G.D.** *see* Moak, C.D. 8-55066
- Alton, G.D.** *see* Pegg, D.J. 8-78797
- Alton, G.D.** *see* Suter, M. 8-78796
- Alton, G.D.** *see* Vane, C.R. 8-55222
- Alts, T.** A simple method for the consideration of thermo-kinematic constraints in the thermodynamics of elastic bodies 8-83255
- Altschuler, M.D.,** Herman, G.T., Lent, A. Fully three-dimensional image reconstruction from cone-beam sources 8-77111
- Altschuler, S.J.** *see* Anders, O.U. 8-61135
- Al'tshuler, A.M.,** Vekilov, Yu.Kh., Kacherets, T.I. Approximation of nearly free electrons and the pseudopotential method 8-60047
- Al'tshuler, A.M.,** Vekilov, Yu.Kh., Kacherets, T.I. Microscopic theory of the crystal lattice dynamics 8-87746
- Al'tshuler, A.M.,** Vekilov, Yu.Kh., Umarov, G.R. Crystal structure stability and band structure 8-51886
- Al'tshuler, B.L.,** Aronov, A.G. Influence of electron-electron correlation on the conductivity of impure metals 8-68010
- Al'tshuler, G.B.** Nonlinear aberration of optical systems 8-58921
- Altstetter, C.** *see* Steckel, G.L. 8-68673
- Altstetter, C.J.,** Behrisch, R., Scherzer, B.M.U. Trapping of deuterium implanted into stainless steel at low temperatures 8-71751
- Al'tudov, Yu.K.** *see* Zharkov, G.F. 8-60255
- Altukhov, E.V.** *see* Kosmodamians'kii, O.S. 8-83246
- Altukhov, P.D.,** Pikus, G.E., Rogachev, A.A. Orientation of nonequilibrium carriers in electron-hole drops and of free and bound excitons in silicon in a magnetic field 8-88362
- Altukhova, F.O.** Tunnel luminescence in CaS phosphors 8-72577
- Altunyan, S.A.,** Minaev, V.S. Structural changes in semiconductor chalcogenide glasses of Si-Te system and their relation to the 'memory' effect 8-71679
- Altus, E.,** Rotem, A. The characteristics of acoustic emission pulse from fiber-reinforced composite 8-80691
- Altwein, M.,** Finkenrath, H., Gerhardt, D. Temperature dependence of the magnetoresistance in CdO 8-93306
- Aludauri, A.Sh.,** Glagolevskii, V.G. Device for measuring the period of low-frequency oscillations 8-93676
- Aluinerie, J.,** Caralp, M., Latouche, C., Moyes, J., Vigneaux, M. Contribution to the knowledge of the paleohydrology of the north-east Atlantic during the terminal Quaternary period 8-65343
- Alujevic, A.,** Kavkler, M. Neutron flux computation by a finite element code 8-50449
- Alujevic, A.,** Skerget, P., Head, J.L., Eysink, B.J. Finite element heat conduction in reactor solids 8-62593
- Alvarado, S.F.,** Bagus, P.S. Fractional spin polarization in the model of photoemission from localized shells 8-92172
- Alvarado, S.F.,** Eib, W. Surface magnetism in magnetite single crystals by spin-polarized photoemission 8-52622
- Alvarado, S.F.,** Eib, W., Meier, F., Siegmann, H.C., Zurcher, P. Photoemission of spin polarised electrons 8-95675
- Al'vares, O.,** Yurovskii, Yu.F. Diffraction and reflection of radiowaves from the limb of the Moon during solar eclipses 8-65586
- Alvarez, E.,** Arnesen, A., Bengtson, A., Hallin, R., Niburg, M., Nordling, C., Noreland, T. Optical isotope shifts in Ba II even isotopes with Lamb-dip technique 8-78666
- Alvarez, E.** *see* Ishii, K. 8-78798
- Alvarez, O.** Dynamical symmetry breakdown in the super-symmetric nonlinear σ model 8-54549
- Alvarez, R.E.** *see* Stonestrom, J.P. 8-80955
- Alvarez, W.,** Lowrie, W. Upper Cretaceous palaeomagnetic stratigraphy at Moria (Umbrian Apennines, Italy): verification of the Gubbio section 8-96132
- Alvarez, W.** *see* Channell, J.E.T. 8-96129
- Alvarez Rivas, J.L.** *see* Mariani, D.F. 8-84669
- Alvarez-Estrada, R.F.,** Calvo, M.L. Diffraction of a classical electromagnetic wave by a thin periodic slab: a rigorous approach 8-82890
- Alvarino, J.M.** On the complete reduction of representations of infinite point groups 8-94206
- Alvegard, C.,** Eriksson, K.-E., Hogfors, C. Soft gravitation radiation 8-49746
- Alvesalo, T.A.** *see* Ahonen, A.I. 8-79844
- Alwani, Z.** Optoelectrical method for the measurement of pressure and for the investigation of the phase equilibrium of deeply colored or turbid mixtures under high pressures 8-70152
- Alwani, Z.** *see* Schneider, G.M. 8-51648
- Alward, J.F.,** Fong, C.Y., Sridhar, C.G. Electronic and optical properties of Nb 8-91612
- Alwitt, R.S.,** Dyer, C.K. Electrical instability of composite aluminium oxide films 8-68452
- Alwitt, R.S.** *see* Dyer, C.K. 8-67918
- Alwitt, R.S.** *see* Kudo, T. 8-67917
- Alworali, H.M.H.** *see* Malik, S.R. 8-94145
- Aly, J.J.** Matter-antimatter hydrodynamics: computation of the annihilation rate 8-73780
- Alyab'ev, B.V.,** Matsveiko, A.A. Optical module based on injection semiconductor laser connected to a light guide 8-59023
- Alyab'ev, B.V.,** Sergeev, A.B. Fiber-optics connectors 8-59136
- Alyab'ev, V.M.,** Pavlov, V.A. Structural singularities of the transition of α -iron from thermally activated to force-induced fracture 8-56731
- Alyabina, N.A.,** Loginova, R.G., Ovsyannikov, M.I., Shamov, S.A. The impurity distributions in silicon thin-film structures produced by vacuum sublimation 8-95354
- Alyamovskii, S.I.** *see* Zainulin, Yu.G. 8-91454
- Alybina, A.N.** *see* Besspal'kova, I.A. 8-60598
- Alyushin, Yu.A.,** Bazaikin, V.I., Milinis, O.V., Pomel'nikov, G.A., Kuznetsov, S.G. Determination of residual stresses in thin sheet of low-carbon steels 8-60708
- Alyushin, Yu.A.** *see* Volodin, V.L. 8-60917
- Alzona, J.E.** *see* Roy, J.N. 8-86478
- Amada, S.,** Yang, W.H. Non-linear elastic thermal stress analysis with phase changes 8-79218
- Amadou, H.,** Adler, P.M., Piau, J.-M. Converging radial flow of dilute polymer solutions 8-90941
- Amaglobeli, N.S.,** Budagov, Yu.A., Vinogradov, V.B., Volodko, A.G., Gavasheli, A.Sh., Dzhelepov, V.P., Karamyan, Zh.K., Lomakin, I.B., Rumyantsev, V.S., Rusakovich, N.A., Salukvadze, R.G., Flyagin, V.B., Kharzheev, Yu.N., Chladze, B.G., Shandor, L., Shoshiashvili, Sh.S. Investigation of inclusive distributions of I^0 and K^0 particles produced in $\pi\pi$ interactions of 5 GeV/c 8-54652
- Amaglobeli, N.S.** *see* Abesalashvili, L.N. 8-82227

- Amakawa, H.**, Mori, A., Yazaki, K. Two-step process in proton inelastic scattering 8-62537
- Amakawa, H.** see Kubo, K. 8-70528
- Amaldi, E.**, Beneventano, M., Borgia, B., Capone, A., de Notaristefani, F., Dore, U., Ferroni, F., Longo, E., Luminari, L., Pistilli, P., Sestili, I., Dell, G.F., Yuan, L.C.L., Kantardjian, G. Search for single photon direct production in p-p collisions at $\sqrt{s}=53.2$ GeV 8-78222
- Amals, H.** see Rosen, I. 8-53506
- Amamchyan, R.G.** see Raigorodskii, A.I. 8-79828
- Amamiya, T.** see Yamada, H. 8-76446
- Aman, E.G.** see Ivanenko, D.D. 8-86043
- Amand, R.St.** see St. Amand, R.
- Amann, J.F.** see Zeidman, B. 8-58308, 8-58309
- Amano, H.** see Kubota, M. 8-78486
- Amano, J.**, Lawson, R.P.W. Thin film deposition using low-energy ion beams. IV. Ion source modification 8-52687
- Amano, M.** Study of the behaviour of hydrogen in niobium with particular relation to the mechanical properties 8-80572
- Amano, M.** see Kono, Y. 8-77200
- Amano, Y.** see Ogino, Y. 8-84973
- Amar, V.**, Dozzio, U., Oleari, C. Weight multiplicity for unitary groups 8-74166
- Amar Nath Nigam, Ratna Rani** Surface states and thermo EMF of hydrogenated nickel foils 8-91674
- Amaral, L.Q.**, Vinhas, L.A. Molecular dynamics of tert-butanol studied by neutron inelastic scattering 8-75599
- Amari, S.**, Takeuchi, A. Mathematical theory on formation of category detecting nerve cells 8-80859
- Amari, S.** see Lieblch, I. 8-53378
- Amasovich, E.S.** see Peletskii, V.E. 8-95282
- Amati, D.**, Petronzio, R., Veneziano, G. Relating hard QCD processes through universality of mass singularities 8-82101
- Amazawa, T.** see Oikawa, H. 8-80073
- Ambardar, A.**, Ferris, C.D. Wave propagation in a piezoelectric two-layered cylindrical shell with hexagonal symmetry: some implications for long bone 8-55487
- Ambardar, A.** see Ferris, C.D. 8-83201
- Ambartsumyan, A.S.**, Yan Shi X-ray radiation emitted by atom and diatomic molecule interacting with ultrarelativistic charged particle 8-70776
- Ambartsumyan, R.V.**, Makarov, G.N., Puret'skii, A.A. Experimental determination of proportion of captured particles and excitation level in multiple-photon excitation of molecules by IR laser radiation 8-90248
- Ambartzumian, R.V.**, Gorokhov, Yu.A., Makarov, G.N., Puretzy, A.A., Furzikov, N.P. Dissociation of matrix-isolated molecules by infrared laser radiation 8-90245
- Ambartzumian, R.V.**, Letokhov, V.S., Makarov, G.N., Puretzy, A.A. Characteristics of multiple-photon dissociation of OsO_4 molecule by two frequency tunable CO_2 -laser pulses 8-50606
- Ambartzumian, R.V.**, Makarov, G.N., Puretzy, A.A. Selective dissociation of polyatomic molecules by two infrared pulses 8-82798
- Ambartzumian, R.V.**, Makarov, G.N., Puretzy, A.A. Multiphoton absorption of OsO_4 under two- CO_2 -laser pulse excitation 8-86925
- Ambastha, A.**, Varma, R.K. Accretion-induced overabundance of density waves in a self-gravitating disk 8-73752
- Amberger, E.**, Polborn, K., Grimm, P., Dietrich, M., Obst, B. Superconductivity in the Nb cluster compounds $\text{Nb}_3(\text{X}, \text{Y})_4$ with $\text{X}, \text{Y} = \text{S}, \text{Se}, \text{Te}$ 8-84341
- Amberger, H.-D.** On the electron structure of highly symmetric bindings of the lanthanides and actinides. IX. The luminescence Raman spectra—a means of localization of binding energy levels of europium (III) 8-88304
- Amblard, J.**, Froment, M., Georgoulis, C., Papanastasiou, G. On the role of tartaric acid and tartrates in the inhibition of dendritic growth for silver electrodeposits obtained from acidic aqueous nitrate solutions 8-87894
- Amblar, E.** CIPM meeting report [photometry] 8-86315
- Ambrasevicius, A.**, Slovetsky, D., Stasiukaitis, V., Todesaite, R. Effect of heavy particles in argon-arc on its deviation from Saha-Boltzmann equilibrium 8-67596
- Ambrasevicius, A.**, Zukauskas, A., Virbaitis, R. Heat transfer experiments in channel flows of high-temperature gases 8-94722
- Ambrasevicius, A.B.**, Valatkevicius, P.J., Kezelis, P.M. Effect of the temperature factor on heat transfer in turbulent flow of high-temperature gas in an inlet region of a tube 8-83483
- Ambridge, T.** see Elliott, C.R. 8-59827
- Ambrose, D.** Correlation and estimation of vapour-liquid critical properties. I. Critical temperatures of organic compounds 8-91421
- Ambrose, J.G.** see Myers, G.D. 8-82837
- Ambrosi, P.**, Schwink, C. Slip line length of copper single crystals oriented along [100] and [111] 8-76664
- Ambrosini, R.**, Tomassetti, G. Optimisation of the sensibility of a [radiotelescope] radio receiver system: the coefficient of deterioration Df 8-85845
- Ambrosio, A.** see Sylvester, J.G. 8-68307
- Ambrović, P.** see Matisova-Rychla, L. 8-68893
- Ambroz, L.** see Janca, J. 8-80479
- Ambroz, A.** Noise models for the investigation of defects in materials 8-87661
- Ambruster, C.** Parallax and orbit of ADS 8887 8-57593
- Ameda, M.** see Yamanishi, M. 8-82977, 8-83007
- Amelinckx, S.** see Corne Lissens, T. 8-79589
- Amelinckx, S.** see Van Goethem, L. 8-83817
- Amelinckx, S.** see Van Landuyt, J. 8-51515
- Amelinckx, S.** see Van Sande, M. 8-83777
- Amelinckx, S.** see van Tendeloo, G. 8-71707
- Amelinckx, S.** see Van Tendeloo, G. 8-63697, 8-71708
- Amelinckx, S.** see Wolf, R. 8-63698, 8-75512
- Ameling, W.** see Jensch, P. 8-88752
- Amemiya, H.**, Nakamura, Y. Suppression of the plasma oscillation in a beam-plasma interaction of feedback type 8-75368
- Amemiya, Y.**, Hashizume, H., Kohra, K., Mase, K. Techniques for rapid data acquisition of X-ray diffraction using a position sensitive counter 8-88774
- Amemiya, Y.** see Hashizume, H. 8-62283
- Amemiya, Y.** see Jimbo, T. 8-58036
- Amemiya, Y.** see Kumano, M. 8-60197
- Amemiya, Y.** see Sugi, H. 8-80906
- Amemiya, Y.** see Yamashita, M. 8-87801
- Amenda, W.**, Kruger, P., Lohner, H., Schmitter, K.H., Soll, M. Testing of a 0.8 m free bore NbTi prototype magnet 8-54923
- Amende, I.** see Hood, W.P., Jr. 8-80963
- Amenomiya, Y.** High temperature infrared spectroscopy of adsorbed species during catalytic reaction 8-88655
- Amenson, J.L.** see Rosauer, E.A. 8-82082
- Amenzade, Y.A.**, Ibragim El'Takher, Mukhammad, M. Definition of stresses in an infinite strip with elliptical hole 8-55562
- Amer, N.M.** see Thomas, L.J., III 8-62228
- Amerio, C.L.** On the motion of a string vibrating through a moving ring with a continuously variable diameter 8-81823
- Amernan, J.D.** see Parnell, M. 8-65056
- Amersfoort, J.** Van see Van Amersfoort, J.
- Ames, E.E.**, Graneau, P., Silevitch, M.B. Self-maintained high-voltage AC vacuum system 8-93713
- Ames, L.L.** Rapid measurement of emittance and brightness 8-58522
- Amesbury, M.G.** Large format film transport 8-62260
- Ametani, K.** Compositional analysis of single crystals of flux-grown magnetic garnets by atomic absorption spectrophotometry 8-92585
- Ametistov, Ye.V.** see Grigor'ev, V.A. 8-90662
- Ameziane, E.L.**, Merle, P., Camassel, J., Mathieu, H. Composition dependence of phonon frequencies in GaAsP and GaInP alloys 8-75764
- Ami, S.**, Maki, K. Fluctuation-induced diamagnetism in type II superconductors above H_{c2} 8-80097
- Amiel, S.** see Izak-Biran, T. 8-74410, 8-89923
- Amiel, S.** see Mantel, M. 8-74101
- Amiell, J.** see Flandrois, S. 8-64032
- Amiell, J.** see Keryer, G. 8-76059
- Amiell, J.** see Merle, A.-N. 8-91928
- Amiet, J.-P.** Optical approach to hadron-nucleus scattering 8-89838
- Amiet, R.K.** Refraction of sound by a shear layer 8-90556
- Amiet, R.K.** Effect of the incident surface pressure field on noise due to turbulent flow past a trailing edge 8-90865
- Aminov, T.A.** see Samokhvalov, A.A. 8-87981
- Aminov, T.G.** see Alikhanyan, A.S. 8-53238
- Aminov, T.G.** see Anzina, L.V. 8-68488
- Aminov, T.G.** see Golik, L.L. 8-60130
- Aminti, P.**, Lamberti, A. Probabilistic model of homogeneous incoherent sediment erosion 8-53665
- Amiot, C.**, Effantin, C., D'Incan, J., Verges, J. High resolution Fourier spectroscopy of P_2 infrared emission spectrum—analysis to two new systems $b^1\Pi_g \rightarrow w^3\Delta_g$ and $A^1\Pi_g \rightarrow W^1\Delta_g$ 8-94244
- Amiranoff, F.** see Garban, C. 8-59676
- Amiraslanov, I.R.** see Abdullaev, G.K. 8-87655
- Amirkhanov, I.V.**, Grusha, G.V., Mir-Kasimov, R.M. Three-dimensional formulation of the relativistic two-body problem in terms of rapidities 8-49985
- Amirkhanov, Kh.I.**, Magomedov, Ya.B., Ismailov, Sh.M. Thermal conductivity of $\text{As}_2(\text{Se}_{1-x}\text{Te}_x)_3$ solid solutions and their melts 8-67874
- Amirov, A.M.** see Guseinov, M.Sh. 8-89467
- Amirova, G.S.** see Shnulin, A.N. 8-95047
- Amith, A.** Thickness dependence of structural and electrical properties of CdS films for solar cells 8-72289
- Amith, A.**, Mark, P. Schottky barriers on ordered and disordered surfaces of GaAs(110) 8-95360
- Amitin, E.B.**, Kovalevskaya, Yu.A., Lebedeva, E.G., Paukov, I.E. Heat capacity of ammonium chloride near order-disorder transformation under high pressure 8-51697
- Amitin, E.B.**, Lebedeva, E.G., Paukov, I.E. Molar heat capacity of water under high pressures near the solidification point 8-51695
- Ammann, W.W.** see Vaknine, R. 8-61252
- Amme, R.C.** see Olson, J.R. 8-69497
- Amme, R.C.** see Rothwell, H.L., Jr. 8-68879
- Amme, R.C.** see Van Zyl, B. 8-94313
- Ammer, S.A.** see Postnikov, V.S. 8-86255
- Ammerlaan, C.A.J.**, Wolfrat, J.C. Extended-Huckel-theory calculations for the positive divacancy in silicon 8-87938
- Ammerlaan, C.A.J.** see van der Linde, R.H. 8-80216
- Ammeter, J.H.** EPR or orbitally degenerate sandwich compounds 8-86893
- Ammeter, J.H.**, Burgi, H.-B., Thibault, J.C., Hoffmann, R. Counterintuitive orbital mixing in semiempirical and ab initio molecular orbital calculations 8-90078
- Ammons, J.M.** see Braman, R.S. 8-92535
- Ammou-Chokroum, M.**, Steinmetz, D., Malve, A. An electrochemical study of chalcopyrite oxidation in acidic chloride medium 8-95817
- Amols, H.I.**, Bradbury, J.N., Dicello, J.F., Holland, J.A., Kligerman, M.M., Lane, T.F., Paciotti, M.A., Roeder, D.L., Schillaci, M.E. Dose outside the treatment volume for irradiation with negative pions 8-53508
- Amols, H.I.** see Raju, M.R. 8-85337, 8-85379
- Amorebieta, V.** see Castro, E.A. 8-49599
- Amorin Da Costa, A.M.** Molecular reorientation of urea and aqueous solution—a study by Raman spectroscopy 8-64354
- Amos, A.T.** Padé approximants and Rayleigh-Schrodinger perturbation theory 8-65806
- Amos, A.T.**, Beck, D.R., Cooper, I.L. Methods for improving spin densities obtained from unrestricted Hartree-Fock wavefunctions 8-62688
- Amos, K.**, Faessler, A., Morrison, I., Smith, R., Muther, H. Self-consistent models of collective and single-particle structures and the r test by inelastic scattering: The case of ^{56}Fe 8-82300
- Amos, K.**, Morrison, I., Morton, J., Smith, R. Inelastic proton scattering to high spin states of unnatural parity 8-54753
- Amos, K.** see Morrison, I. 8-70452
- Amos, R.D.** MCSCF calculations of the properties of hydrogen fluoride 8-70965
- Amouric, M.**, Baronnet, A., Finck, C. Polytropy and disorder in synthetic dioctahedral micas: study by lattice imaging 8-79587
- Amouroux, J.**, Tran, M., Goldman, M. Applications of corona discharges to the improvement of the adhesive properties of polyethylene films 8-92438
- Amov, B.G.**, Baldjieva, T.T., Gadjeva, T., Lilov, P. Age and genesis of the ore mineralisations in the Erma River Area according to lead-isotope and potassium-argon data 8-81115
- Amrein, W.O.**, Jauch, J.M., Sinha, K.B. Scattering theory in quantum mechanics 8-49573
- Amritkar, R.E.**, Kumar, N. Coherence factors in excitonic insulators 8-76338
- Amsden, A.A.**, Goldhaber, A.S., Harlow, F.H., Nix, J.R. Relativistic two-fluid model of nucleus-nucleus collisions 8-78298
- Amsler, C.**, Bugg, D.V., Axen, D., Beveridge, J., Clough, A.S., Dubois, R., Edgington, J.A., Gibson, D., Keeler, R., Ludgate, G.A., Oram, C.J., Richardson, J.R., Robertson, L.P., Stewart, N.M. The normalisation of pp polarisation between 200 and 520 MeV 8-70397
- Amsler, C.** see Bugg, D.V. 8-70396
- Amsler, C.** see Waters, G. 8-82599
- Amstutz, H.** see Seeger, T. 8-63390
- Amtén, L.** see Sundqvist, B. 8-82342
- Amundsen, P.A.** On the role of dipole transitions in the semiclassical approximation for K-shell ionisation 8-90281
- Amundsen, P.A.** see Aashamar, O. 8-90283
- Amusia, M.Y.** The dispersion relation for the forward elastic electron-atom scattering amplitude 8-90263
- Amusia, M.Ya.** see Kuchiev, M.Yu. 8-58823
- Amus'ya, M.Ya.**, Sheinerman, S.A., Shef'mel', S.I. Generalized oscillator strengths of inner atomic shells with outer-shell effects 8-50507

- Amzallag, C.**, Rabbe, P., Gallet, G., Lieurade, H.P. Influence of stressing conditions on the low-cycle fatigue behaviour of austenitic stainless steels 8-68776
- Amzallag, C.**, Rabbe, P., Truchon, M. Failure on stainless steels by corrosion-fatigue 8-64787
- An, S.**, Furuhashi, A., Akiyama, M., Oka, Y., Kuga, H. Development study of epithermal neutron radiation field for medical irradiation purpose in YAYOI 8-88742
- An, S.** see Oka, Y. 8-88327
- An Cao Xuan** see Cao Xuan An
- An Chih-sheng** see Liu Tung-sheng 8-81156
- an der Heiden, U.** Equations in nerve physiology 8-92620
- An Ing** see Chu Chung-Yuan 8-82180
- An-Chich Chou** on the precipitation of η' phase in an Al-Zn-Mg alloy 8-68699
- Anachkova, E.** see Shklyarevskii, I.N. 8-84672
- Anagnostakis, D.** see Dacou-Voutetakis, C. 8-69138
- Anagnostatos, G.S.** Angular structure of unique spherical shells 8-73873
- Anagnostatos, G.S.** The isomorphic model as applied to lighter nuclei 8-78277
- Anagnostopoulos, T.** see Ikononou, P.F. 8-60283
- Anand, G.V.** see Raghunandan, C.R. 8-90580
- Anand, K.V.**, Singh, S. Analysis of stored charge volatility in an MAOS memory element 8-52100
- Anand, K.V.** see Singh, S. 8-52099
- Anand, S.**, Guha, S.K. Mechanics of transport of the ovum in the oviduct 8-80905
- Anand, S.C.**, St. John, K.R., Moyle, D.D., Williams, D.F. Stress distribution in porous surfaces medullary implants 8-69256
- Anand, S.C.**, Shaw, R.H.H. Use of LST elements in elastic-plastic solutions 8-90719
- Anand, S.C.**, Weisgerber, F.E. Usage of the Tresca yield condition in finite element plane strain analysis 8-83263
- Anand, S.C.** see Weisgerber, F.E. 8-59312
- Ananda Rao, S.** see Pappu, S.V. 8-55323
- Anan'ev, Yu.A.**, Shorokhov, O.A. Excitation energy conversion efficiency in laser cavities 8-90432
- Anan'ev, Yu.F.**, Blaivas, A.S. Effect of average temperature variations of a flow on readings of a constant-resistance hot-wire anemometer 8-88925
- Anani, A.B.**, Ikeda, K., Korner, L.M. Prosthesis sensory feedback: properties of afferent nerve stimulation in below-elbow amputees 8-57125
- Anania, R.** see Lipsky, L. 8-62736
- Ananikov, S.V.**, Talantov, A.V., Azizov, B.M. Motion of a drop in a flow with varying velocity 8-59457
- Ananin, S.I.**, Vikhrev, V.V., Filippov, N.V. The structure of the current sheath in a Z-pinch 8-59645
- Ananth, A.G.** see Kulkarni, P.V. 8-69795
- Ananthakrishna, G.** see Ramakrishnan, J. 8-71874
- Anantharaman, T.R.** see Suryanarayana, C. 8-52772
- Anastas, M.Y.**, Lynn, R.E., Brodkey, R.S. A visual study of the dynamics of polymer extrusion 8-94625
- Anastasijevic, P.** see Mirjana Djuric 8-94568
- Anastasova, N.** see Burov, J. 8-84527
- Anastassakis, E.** see Grimditch, M.H. 8-91399
- Anastassakis, E.** see Guntherodt, G. 8-60458
- Anastassakis, E.** see Iliev, M.N. 8-52496
- Anatyshuk, L.I.**, Mel'nik, A.P., Nikirsa, D.D. Investigation into thermoelectric microrefrigerators with limited heat transfer 8-70129
- Anayama, T.** see Yagi, M. 8-95477
- Anazawa, Y.** see Kato, S. 8-74443
- Anbar, M.** see Schnitzer, R. 8-50612
- Ancelle, B.**, Rafinejad, P., Sabonnadiere, J.C. An improved implementation of boundary integral equation method to compute two-dimensional magnetic field 8-94355
- Ancsin, J.** Intercomparison of triple points of argon and oxygen of INM, IMGC and MRC 8-73996
- Ancsin, J.** Note concerning the suitability of xenon as temperature fixed point 8-77838
- Ancsin, J.** Vapour pressures and triple point of neon and the influence of impurities on these properties 8-79756
- Anda, E.** see Majlis, N. 8-56102
- Andac, M.** see Newesely, H. 8-65257
- Andeen, C.** see Fontanella, J. 8-72460
- Andel, J.** see Matal, O. 8-50264
- Anderegg, J.W.** see Anderson, L.W. 8-69373
- Anderegg, M.** see Moorwood, A.F.M. 8-93353
- Anderle, F.**, Frey, H., Lerch, G. Cryogenic recovery system for the removal of krypton 85 and xenon 133 from the gaseous wastes of nuclear plants 8-50268
- Anders, E.** see Palme, H. 8-57208
- Anders, E.** see Srinivasan, B. 8-65570
- Anders, E.** see Takahashi, H. 8-69756
- Anders, O.U.**, Bartel, J.F., Altschuler, S.J. Determination of the leachability of solids 8-61135
- Andersen, G.R.**, Wheeler, J.C. Directionality dependence of lattice models for solutions with closed loop coexistence curves 8-95158
- Andersen, H.** see Lading, L. 8-69469
- Andersen, H.H.** A note on neutron-sputtering measurements 8-95621
- Andersen, J.B.**, Solodukhov, V.V. Field behavior near a dielectric wedge 8-66712
- Andersen, J.D.**, Gymoese, E., Sandoe, E. Interactive analysis techniques with RAMSES (Random Access Mass Storage ECG-Analysis System) 8-81034
- Andersen, J.R.**, Bechgaard, K., Jacobsen, C.S., Rindorf, G., Soling, H., Thorup, N. The crystal and molecular structure of the organic conductor 2,3,6,7-tetramethyl-1,4,5,8-tetrasete-nafulvalenium 2,5-dimethyl-7,7,8,8-tetracyano-p-quinodimethanide (TMTSF-DMTCNQ) 8-63742
- Andersen, J.R.** see Engler, E.M. 8-91680
- Andersen, J.R.** see Jacobsen, C.S. 8-91683
- Andersen, J.U.** see Laegsgaard, E. 8-62898
- Andersen, J.U.** see Norton, P.R. 8-71916
- Andersen, N.**, Vedder, M., Russek, A., Pollack, E. Experimental test of a scaling law for ion-molecule collisions: $\text{Ne}^+ \cdot \text{D}_2$, 1.5-3.5 keV 8-82812
- Andersen, N.** see Horsdal Pedersen, E. 8-58794
- Andersen, N.** see Nielsen, S.E. 8-90280
- Andersen, O.** see Kilebu, M. 8-60731
- Andersen, O.K.** One-electron theory of transition metal systems 8-91584
- Andersen, O.K.**, Klose, W., Nohl, H. Electronic structure of Chevrel-phase high-critical-field superconductors 8-51871
- Andersen, O.K.** see Jepsen, O. 8-87899
- Andersen, O.K.** see Muller, J.E. 8-92144
- Andersen, O.K.** see Skriver, H.L. 8-72065
- Andersen, S.Kjaer** see Kjaer Andersen, S.
- Andersen, T.**, Boving, E., Hedegaard, P., Ostgaard Olsen, J. Production of 2s vacancies in collisions of 0.3-400 keV Ne^0 , Ne^+ and Ne^{2+} with Ne 8-50623
- Andersen, T.**, Ramanujam, P.S., Bahr, K. Lifetimes of excited states in Y I, Y II, and Zr I by beam-foil and beam-sputtering excitation 8-86815
- Andersen, T.** see Horsdal Pedersen, E. 8-58794
- Andersen, T.** see Nielsen, S.E. 8-90280
- Anderson, A.** see Pasternak, A. 8-55919, 8-79692
- Anderson, A.B.** Ni (100) with chalcogen overlayers: Theory for structures, force constants, binding energies, photoemission spectra; importance of final-state multiplet splittings 8-71966
- Anderson, A.B.** Structures and electronic properties of copper clusters and bulk 8-95592
- Anderson, A.B.** see Rhodin, T.N. 8-84050
- Anderson, A.C.** see Matej, J.R. 8-87756
- Anderson, A.C.** see Reynolds, C.L., Jr. 8-51757
- Anderson, A.C.** see Roth, E.P. 8-67795, 8-73999
- Anderson, A.C.** see Smith, T.L. 8-83851
- Anderson, A.C.** see Steinback, M. 8-65934
- Anderson, A.N.**, Cameron, J.M., Hutcheon, D.A., Kallne, J., Koene, B.K.S., Murdoch, B.T., van Oers, W.T.H., Stetz, A.W. $p_{\text{pol}} + d$ backscattering at 316 and 516 MeV 8-74368
- Anderson, A.N.** see Beveridge, J.L. 8-62446
- Anderson, B.E.** see Bogges, A. 8-96382
- Anderson, C.E.**, Crayton, R.B. Use of interactive graphics in editing and validating scientific data [in meteorology] 8-77330
- Anderson, C.J.**, Lawler, J.E., Anderson, L.W., Holley, T.K., Filippelli, A.R. Radiative-decay-induced four-level crossover signals in saturation spectroscopy 8-77997
- Anderson, C.W.**, Lanzerotti, L.J., MacLennan, C.G. Local time variation of geomagnetic induction vectors 8-85477
- Anderson, D.** Stationary self-trapped laser beams in plasma 8-79438
- Anderson, D.**, Bondeson, A., Lisak, M. A variational approach to perturbed soliton equations 8-89366
- Anderson, D.**, Bondeson, A., Lisak, M., Nakach, R., Wilhelmsson, H. Nonlinear interaction involving zero energy waves 8-63559
- Anderson, D.**, Faulkner, J., Wilhelmsson, H., Nishikawa, K., Tange, T. Study of similarity flows of two component laser produced plasmas 8-83591
- Anderson, D.** see Daywitt, J. 8-71367
- Anderson, D.B.**, August, R.R. Fourier transform signal processing in an integrated optical format 8-50950
- Anderson, D.B.**, August, R.R. Progress in waveguide lenses for integrated optics 8-66950
- Anderson, D.B.** see Boyd, J.T. 8-59163
- Anderson, D.B.** see Yao, S.K. 8-87132
- Anderson, D.E.**, Graf, D.L. Ionic diffusion in naturally-occurring aqueous solutions: use of activity coefficients in transition-state models 8-57224
- Anderson, D.L.**, Brenner, D.S., Meyer, R.A. Collective excitations in ^{158}Dy as populated in radioactive decay of $^{158}\text{He}^{\text{em}}$ 8-82270
- Anderson, D.L.**, Hart, R.S. Attenuation models of the Earth 8-61367
- Anderson, D.L.** see Butler, R. 8-85522
- Anderson, D.M.**, Schwarz, M.J., Tice, A.R. Water vapor adsorption by sodium montmorillonite at -5°C [Martian regolith application] 8-65540
- Anderson, E.C.**, Perrings, J.D. Production and properties of radioactive microspheres for localized irradiation of lung tissue 8-53445
- Anderson, E.E.** see Aaraj, S. 8-68153
- Anderson, F.A., Jr.** see Peura, R.A. 8-61238
- Anderson, G.B.** see Hassanein, O.R. 8-77103
- Anderson, G.H.**, Abayawardana, S.A.K. Bubble dynamics in nucleate boiling 8-90648
- Anderson, G.K.**, Le, J.T. Heterogeneous condensation of BCl_3 in the presence of CO_2 laser irradiation 8-70953
- Anderson, G.L.** Natural frequencies of a cantilever with an asymmetrically attached tip mass 8-63350
- Anderson, G.L.** Natural frequencies of two cantilevers joined by a rigid connector at their free ends 8-83298
- Anderson, G.M.**, Basine, J.M. A numerical method for generating three-impulse minimum-time orbital transfers 8-73607
- Anderson, G.P.** see Williams, M.L. 8-60773
- Anderson, H.L.**, Matis, H.S., Myrianthopoulos, L.C. Determination of the quark and gluon moments of the nucleon 8-50036
- Anderson, H.L.** see Gordon, B.A. 8-82216
- Anderson, I.S.**, Ross, D.K., Carlile, C.J. The 50K transition in β -phase palladium deuteride observed by neutron scattering 8-55942
- Anderson, J.**, Lapeyre, G.J., Smith, R.J. Symmetry-related polarization effects in angle-resolved synchrotron photoemission from W (001) and W (001)+H 8-56566
- Anderson, J.** see Dede, M. 8-83316
- Anderson, J.** see Smith, R.J. 8-95678
- Anderson, J.B.**, Shoemaker, G.L., Kostiner, E. The crystal structure of $\text{Cu}_2(\text{PO}_4)_2 \cdot \text{O}$ 8-55855
- Anderson, J.C.** see White, W.P. 8-95862
- Anderson, J.D.** see Grimes, S.M. 8-50171
- Anderson, J.E.**, Tallman, D.E., Chesney, D.J., Anderson, J.L. Fabrication and characterization of a Kel-F-graphite composition electrode for general voltammetric applications 8-92489
- Anderson, J.G.**, Trifunac, M.D. Uniform risk functions for characterization of strong earthquake ground motion 8-92789
- Anderson, J.H.** see Kaufman, H.H. 8-85363
- Anderson, J.H.** see Prelas, M.A. 8-58445
- Anderson, J.L.**, Evans, N., Soha, J.M., Belton, M.J.S., Danielson, G.E. Venus in motion 8-57479
- Anderson, J.L.**, Kincaid, J.R. Coupled resonance Raman, visible absorption and electrochemistry—applications of a novel circulating cell to multispectral and redox investigations of the heme proteins carboxyhemoglobin and cytochrome c 8-76832
- Anderson, J.L.** see Anderson, J.E. 8-92489
- Anderson, J.M.**, Chu, C.S., McGee, W.M. Growth characteristics of a fatigue crack approaching and growing beneath an adhesively bonded doubler 8-92348
- Anderson, J.M.**, Hayashi, T., Wong, M., Barenberg, S., Sigler, G., Geil, P.H., Walton, A.G., Hiltner, A. Solid-state structure and mechanical properties of block copolypeptides 8-91264
- Anderson, J.M.** see Abernson, J.A. 8-68806
- Anderson, J.P.** see Schaible, P.M. 8-72923
- Anderson, J.R.**, Heimann, P., Bauer, W., Schipper, R., Stone, D. Analysis of dHVA signals in transition metals by means of linearly recursive approximations 8-91603
- Anderson, J.R.** see Tomkiewicz, Y. 8-51979
- Anderson, J.S.**, Boughtflower, R.A.C. Measurement of the energy dissipated in the hand and arm whilst using vibratory tools 8-96116
- Anderson, K.A.**, Kane, S.R., Primbsch, J.H., Weitzmann, R.H., Evans, W.D., Klebesadel, R.W., Aiello, W.P. X-ray spectrometer experiment aboard the ISEE-C (Heliocentric) spacecraft 8-85787
- Anderson, K.A.**, Lin, R.P., Paoli, R.J., Parks, G.K., Lin, C.S., Reme, H., Bosqued, J.M., Martel, F., Cotin, F., Cros, A. An experiment to study energetic particle fluxes in and beyond the Earth's outer magnetosphere 8-85799
- Anderson, K.A.**, Lin, R.P., Potter, D.W., Heeter, H.D. An experiment to measure interplanetary and solar electrons 8-85786
- Anderson, K.R.** Automatic analysis of microearthquake network data 8-81412
- Anderson, L.** see Nagamiya, S. 8-54790
- Anderson, L.W.**, Anderegg, J.W., Lawler, J.E. Model geysers 8-69373
- Anderson, L.W.** see Anderson, C.J. 8-77997
- Anderson, L.W.** see Hennies, D. 8-55078

- Anderson, M.G.**, Burt, T.P. Analysis of spatial water quality and stream networks in the southern Cotswolds during and after the drought of 1976 8-73409
- Anderson, M.S.**, Swenson, C.A. Characteristics of germanium resistance thermometers from 1 to 35K and the ISU magnetic temperature scale 8-81970
- Anderson, N.**, Arthurs, A.M. Dual extremum principles for heat-transfer problems with variable thermal properties 8-66999
- Anderson, O.A.** see Poulsen, P. 8-66378
- Anderson, O.L.** see Litov, E. 8-61362
- Anderson, P.W.** Recent developments in the theory of spin glasses 8-68264
- Anderson, P.W.** Local moments and localized states 8-72327
- Anderson, P.W.** see Fleishman, L. 8-56086
- Anderson, P.W.** see Fukuyama, H. 8-60005
- Anderson, P.W.** see Stein, D.L. 8-56014
- Anderson, R.** see Henry, R.C. 8-65726
- Anderson, R.** see Yang, K.H. 8-83952
- Anderson, R.A.**, Hanko, L., Davis, S.J. Time resolved fluorescence of the $A^2\Sigma^+$ state of GeF 8-58732
- Anderson, R.A.** see Kepler, R.G. 8-60399, 8-84529
- Anderson, R.C.** Simulation and calibration of low-level pulses [tracking system evaluation] 8-59074
- Anderson, R.C.**, Weiler, E.J. Copernicus observations of interstellar matter in the direction of HR 1099 8-93358
- Anderson, R.C.** see Brune, W.H. 8-81482
- Anderson, R.D.** Underwater radiance scanner 8-61609
- Anderson, R.E.** see Fielding, H.W. 8-89890
- Anderson, R.E.** see Kluger, B.M. 8-86479, 8-93993
- Anderson, R.E.** see Shastry, S. 8-82338
- Anderson, R.H.** see Conder, T.M. 8-66890
- Anderson, R.L.** see Christie, W.H. 8-57957
- Anderson, R.L.** see Thompson, W.G. 8-52070
- Anderson, R.N.**, Hobart, M.A., Von Herzen, R.P., Fornari, D.J. Geophysical surveys on the East Pacific Rise-Galapagos Rise system 8-73331
- Anderson, R.N.** see Karig, D.E. 8-53640
- Anderson, R.N.** see Selvadurav, G. 8-89965
- Anderson, R.W.** see Bigelow, R.W. 8-90084
- Anderson, T.** see McHugh, R. 8-69164
- Anderson, T.F.** see Yund, R.A. 8-57204
- Anderson, T.L.**, Newham, R.E., Cross, L.E. Coercive stress for ferroelastic twinning in quartz 8-59854
- Anderson, W.A.** see Sternberg, R.L. 8-63256
- Anderson, W.J.** A model for reciprocity failure in photographic materials and its asymptotic behavior at low and high intensities 8-89573
- Anderson, W.J.**, Park, Y.S. Flux and fluence dependence of implantation disorder in GaAs substrates 8-83833
- Anderson, W.J.** see Dede, M. 8-63363
- Anderson, W.T., Jr.**, Christou, A., Davey, J.E. Smooth and continuous Ohmic contacts to GaAs using epitaxial Ge films 8-68086
- Anderson, W.T., Jr.**, Christou, A., Davey, J.E. Development of ohmic contacts for GaAs devices using epitaxial Ge films 8-88027
- Andersson, R.S.** see Wang, C. 8-71783
- Andersson, B.**, Gustafson, G., Peterson, C. A statistical model for quark fragmentation into mesons with emphasis on vector meson contributions 8-54639
- Andersson, G.**, Asghar, M., Emsallem, A., Hagberg, E., Jonson, B., Tiedemand-Petersson, P. Study of the reaction $^{76}\text{Br}(n_{th}, p)^{76}\text{Se}$ 8-89878
- Andersson, L.P.**, Ewvaray, A.O. Electrical characteristics of sputtering-induced defects in n-type silicon 8-51941
- Andersson, P.** see Magnusson, G. 8-86535
- Andersson, P.** see Ross, R.G. 8-67871, 8-75893
- Andersson, T.** see Norrman, S. 8-84673
- Andlauer, B.**, Diehl, R., Skolnick, M.S. Investigation of the optical absorption of Fe_2BO_6 after oxygen annealing and under the influence of strong magnetic fields 8-68493
- Ando, K.**, Kohno, M. New formulas for isoscalar giant monopole and quadrupole resonances 8-93925
- Ando, K.**, Matsumura, K. Current efficiency in the plasma anodization of aluminium 8-91797
- Ando, K.** see Kasai, T. 8-92208
- Ando, K.** see Krenciglowa, E.M. 8-66219
- Ando, K.** see Yokogawa, M. 8-68526
- Ando, M.**, Bailey, D., Hart, M. A simple Bragg-spacing comparator 8-75489
- Ando, M.** see Kohra, K. 8-62277, 8-83651
- Ando, R.** see Enomoto, T. 8-64749
- Ando, T.** Electron-electron interaction and electronic properties of space-charge layers on semiconductor surfaces 8-60210
- Ando, T.**, Ikeda, K., Tohsaki-Suzuki, A. Nucleus-nucleus interaction and nuclear saturation properties, microscopic study of $^{16}\text{O}+^{16}\text{O}$ case 8-89899
- Ando, T.** see Tohsaki-Suzuki, A. 8-54780
- Ando, Y.** Research on structural integrity of pressure boundary in light water reactor designs 8-66334
- Ando, Y.**, Fukada, E., Glimcher, M.J. Piezoelectricity of chitin in lobster shell and apodeme 8-64929
- Ando, Y.**, Kanemoto, S., Takigawa, Y., Tanabe, A. BWR simulation diagnosis by noise analysis 8-94062
- Ando, Y.** see Tanabe, A. 8-50279
- Ando, Z.** see Tokaji, K. 8-64625, 8-92332
- Andor, J.A.** The influence of the ratio of the lipophilic parts on the stabilization effects of methacrylic acid-methyl methacrylate statistical copolymers in suspension polymerization 8-85157
- Andouze, J.** see Vidal-Madjar, A. 8-93352
- Andra', G.C.** see Bonamini, R. 8-57110
- Andra, H.J.** Quantum beats in atomic and nuclear physics 8-70772
- Andrade, S.** Leite de see Leite de Andrade, S.
- Andrade, T.L.**, Hahn, E.L. Principles of NQR double resonance detection-Application to deuterium 8-76354
- Andrassy, R.J.** see Feldtman, R.W. 8-57121
- Andre, J.J.** see Weill, G. 8-52358
- Andre, J.M.** see Pireaux, J.J. 8-52630
- Andre, J.N.**, Clifton, J.R. Corrosion of metallic pipes transporting potable water-laboratory testing methods 8-92409
- Andre, J.-P.** see Van Oirschot, T.G.J. 8-52616
- Andre, P.** Diffusion processes of small spots of electrostatically charged molecules in subsonic grid turbulence 8-87410
- Andrae, M.O.** Distribution and speciation of arsenic in natural waters and some marine algae 8-81210
- Andreani, A.-M.** see Berthod, J. 8-70214
- Andreani, R.** see Minier, M. 8-88220
- Andree, P.J.** The effect of cross relaxation on the longitudinal relaxation times of small ligands binding to macromolecules 8-78723
- Andreeff, A.**, Kaun, L.P., Lippold, B., Matz, W., Walther, K., Moreva, N.I. Crystal field levels of Pr^{3+} in PrAl_3 studied by inelastic neutron scattering 8-67996
- Andreeff, A.** see Brauer, G. 8-72629
- Andrescu, M.** see Grosu, Cs. 8-67509
- Andreev, A.A.** see Suslina, L.G. 8-56071
- Andreev, A.I.**, Arkhipov, V.V., Kuznetsov, A.I. Electrodynamic drive system for a Fourier spectrometer 8-82059
- Andreev, A.M.**, Ivanov, V.V., Karasev, B.G., Kirillov, I.R., Metlin, V.V., Nemchinov, Yu.K., Semikov, G.T., Sergeeva, L.M. Some results of development and design studies for a series of cylindrical linear induction pumps 8-94839
- Andreev, A.S.** see Prokhorov, A.M. 8-79106
- Andreev, A.V.** see Deryagin, A.V. 8-60284
- Andreev, Ch.** see Kamenova, Ts. 8-53304
- Andreev, E.G.** see Skorokhvatov, N.A. 8-81206
- Andreev, G.A.**, Klimov, V.A. Flotation study of Ca^{2+} and Sr^{2+} precipitation in KCl crystals 8-51690
- Andreev, G.A.**, Vinogradov, V.S., Povolotskaya, I.G., Uslavtsev, D.M. Instrument to measure small deformations on transparent bodies 8-77898
- Andreev, G.M.**, Kiselev, M.I. Possibility of using gas gravimeters for measuring variable linear accelerations 8-77875
- Andreev, G.Ya.**, Tikhonov, V.F., Arpent'ev, B.M. Increasing the supporting capacity of joints with interference by electro-physical methods of working the contracting surfaces 8-85055
- Andreev, I.V.**, Chernov, A.V. Interaction of heavy relativistic nuclei 8-89908
- Andreev, M.N.** see Tarantov, Yu.A. 8-68082
- Andreev, N.E.**, Nickles, D., Sunder, D. Parametric phonon turbulence in underdense plasmas 8-75342
- Andreev, N.E.**, Silin, V.P. Dynamics of the non-linear absorption of intense radiation by a moving plasma 8-91111
- Andreev, N.E.**, Zynder, A. Parametric Langmuir turbulence, excited by two waves of radiation in a transparent plasma 8-83565
- Andreev, R.B.**, Volosov, V.D., Krylov, V.N. Temperature stabilization of ADP and KDP crystals in cascade UV generation 8-66868
- Andreev, V.I.** see Vikulin, I.M. 8-72263
- Andreev, V.M.** see Alferov, Zh.I. 8-56523, 8-68081
- Andreev, V.M.** see Molodiyakova, L.P. 8-53008
- Andreev, V.N.**, Chudnovskii, F.A., Petrov, A.V., Terukov, E.I. Thermal conductivity of VO_2 , V_2O_5 , and V_2O_3 8-87831
- Andreev, V.N.**, Danilov, M.N., Ermakov, O.N., Nedopekin, V.G., Rogov, V.I. P-odd neutron emission asymmetry in ^{240}Pu fission 8-74413
- Andreev, Yu.G.**, Devchenko, L.N., Shelkchov, E.V., Shtremel', M.A. Packing of martensite crystals in a single-crystal pseudomorph 8-79565
- Andreeva, A.F.** see Tyagai, V.A. 8-72625
- Andreeva, E.A.**, Khutorskaya, O.E. Spectral analysis of electromyogram envelopes and its use to study control of muscles (under normal and pathological conditions). I. Normal conditions 8-92750
- Andreeva, G.T.** see Kovalev, A.V. 8-68465, 8-72331
- Andreeva, I.B.**, Galybin, N.N., Shatova, L.I. Backscattering of sound by the sea surface under shadowing conditions 8-94473
- Andreeva, I.N.**, Obukhov, A.A. Influence of the dimensions of magnetostrictive cores on the internal friction and shear modulus 'defect' 8-95506
- Andreeva, N.G.** see Ainbinder, S.B. 8-68826
- Andreeva, T.L.**, Birich, G.N., Sobel'man, I.I., Sorokin, V.N., Struk, I.I. Continuously pumped continuous-flow iodine laser 8-59027
- Andreevsky, A.A.** see Borishansky, V.M. 8-90987
- Andreikiv, A.E.** see Panasyuk, V.V. 8-63383
- Andrejeva, A.V.**, Salnikov, G.I., Fionova, L.K. Grain boundary faceting in niobium of high purity 8-83826
- Andrejscheff, W.**, Hagemann, U., Kaubler, L., Prade, H., Schilling, K.D., Schneider, L., Stary, F. In-beam gamma-spectroscopic investigations of nanosecond isomers 8-86506
- Andrejscheff, W.** see Schilling, K.D. 8-62505
- Andreocci, M.V.**, Cauletti, C., Furlani, C. Bond ionization energies: thiophosphoryl compounds 8-82782
- Andreocci, M.V.**, Furlani, C. Electronic structure of the valence shell of SPF_3 8-82781
- Andreoni, I.** see Losch, W. 8-76741
- Andreoni, W.**, Crescenzi, M.De., Tosatti, E. Dead layer effects in the ultraviolet reflectance of excitons in solid rare gases 8-72553
- Andreotti, G.**, Loria, A., Mazzega, E., Valeri, S. Dehydration kinetics of a natural montmorillonite 8-76857
- Andreou, D.** Construction and performance of a 20-pps unstable Nd:YAG oscillator 8-66845
- Andres, K.** see Ott, H.R. 8-84178
- Andres, R.P.** see Avedisian, C.T. 8-61056
- Andresen, A.F.** see Urnes, S. 8-79533
- Andresen, H.G.** see Wohlfahrt, H.D. 8-54679
- Andresen, K.**, Ottl, D., Ritter, R. The hysteresis of tension and bend-loaded screw connections 8-87312
- Andrew, B.H.**, Avery, L.W., Broten, N.W. Observations of CH in the direction of Sgr B2 8-65671
- Andrew, B.H.**, MacLeod, J.M., Harvey, G.A., Medd, W.J. A ten-year study of extragalactic variable sources at centimeter wavelengths 8-89267
- Andrew, E.R.** Zeugmatography 8-74043
- Andrew, E.R.**, Green, T.J., Hoch, M.J.R. Solid-state proton relaxation of biomolecular components 8-68998
- Andrew, E.R.** see Bottomley, P.A. 8-73189
- Andrew, K.L.** see Davis, D.S. 8-62746, 8-62750
- Andrew, K.L.** see Palmer, B.A. 8-82042
- Andrew, R.C.**, Weston, G.M. The effect of overheating on the toughness of low sulphur ESR steels 8-52860
- Andrew, R.C.**, Weston, G.M. The effect of the interaction between overheating and tempering temperature on the notch toughness of two low sulphur steels 8-52970
- Andrews, A.J.** see Tomlinson, W.J. 8-55904
- Andrews, A.M.** see Longo, J.T. 8-77991
- Andrews, A.M.** see Rode, J.R. 8-72745
- Andrews, B.W.** see Feldon, S.E. 8-56974
- Andrews, B.W.** see Pollen, D.A. 8-69057
- Andrews, C.W.** Volume fraction determination in cast superalloys and directionally solidified eutectic alloys by a new manual point count practice 8-53052
- Andrews, D.** The discovery of the Raman effect 8-49627
- Andrews, D.G.**, McIntyre, M.E. Generalized Eliassen-Palm and Charney-Drazin theorems for waves on axisymmetric mean flows in compressible atmospheres 8-81306
- Andrews, D.G.** see Mohan Rao, P.K. 8-90664
- Andrews, D.G.** see Pai, H.L. 8-70517
- Andrews, D.J.** Coupling of energy between tectonic processes and earthquakes 8-73321
- Andrews, D.L.** Representation of the pulsed output from a mode-locked laser using quantum field theory and an application in multiphoton ionisation 8-79054
- Andrews, D.L.**, Thirunamachandran, T. The hyper-Raman effect: A new approach to vibrational mode classification and assignment of spectral lines 8-58703
- Andrews, D.P.** A stimulus sequence with uniform frequency of ordered pairs 8-56966
- Andrews, D.P.**, Miller, D.T. Acuity for spatial separation as a function of stimulus size 8-69087
- Andrews, E.H.**, Reed, P.E., Williams, J.G., Bucknall, C.B. Failure in polymers. Molecular and phenomenological aspects 8-92361

- Andrews, E.H.**, Stevenson, A. Fracture energy of epoxy resin under plane strain conditions 8-80624
- Andrews, E.H.** *see* King, N.E. 8-56743
- Andrews, G.A.** *see* Hubner, H.F. 8-53522
- Andrews, H.R.** *see* Brown, B.A. 8-93936
- Andrews, H.R.** *see* Khoo, T.L. 8-89778
- Andrews, J.B.** *see* Enderlein, R. 8-76491
- Andrews, J.G.** *see* Crowninshield, R.D. 8-69130
- Andrews, J.R.**, Hudson, B.S. Environmental effects on radiative rate constants with applications to linear polyenes 8-66587
- Andrews, J.R.**, Hudson, B.S. Polyene spectroscopy: vibronic evidence for a forbidden transition in deca-2,4,6,8-tetraene 8-82764
- Andrews, J.T.**, Retherford, R.M. A reconnaissance survey of late Quaternary sea levels, Bella Bella/Bella Coola region, central British Columbia coast 8-73377
- Andrews, J.T.** *see* Miller, G.H. 8-61536
- Andrews, J.T.** *see* Nichols, H. 8-57262
- Andrews, J.T.S.**, Carpenter, R.E., Martinko, T.M., Fort, R.C., Jr., Flood, T.A., Adlington, M.G. Transition and fusion thermodynamics of heteroadamantanes 8-75603
- Andrews, K.J.**, Bhatnagar, R., Dyer, P.E., Salvetti, G. Studies of a high performance TE CO₂ laser using additives 8-78991
- Andrews, L.**, Duley, W.W., Brewer, L. Optical spectra of calcium atoms in inert matrices: a new red absorption for Ca₂ 8-58712
- Andrews, L.**, Prochaska, E.S., Ault, B.S. Matrix reactions of magnesium atoms with ozone. Infrared spectra of MgO, MgO₂, and MgO₃ in solid nitrogen 8-80736
- Andrews, L.** *see* Ault, B.S. 8-58735
- Andrews, L.** *see* Grzybowski, J.M. 8-66585
- Andrews, L.** *see* Miller, J.C. 8-50567, 8-78744, 8-82744, 8-94273
- Andrews, L.** *see* Prochaska, F.T. 8-74710, 8-76893, 8-80767
- Andrews, L.T.** *see* Wilson, J. 8-92740
- Andrews, M.K.** Non-ducted whistler-mode signals at low latitudes 8-61658
- Andrews, M.L.** *see* Darrah, R.C. 8-71410
- Andrews, P.T.**, Weightman, P. Evidence for the influence of L_{2,3}M Coster-Kronig processes on the L_{2,3}MM Auger spectrum of gallium 8-72681
- Andreyanova, T.G.** *see* Abritalin, V.L. 8-49931
- Andreyeshchev, E.A.**, Kilin, S.F. Measurements of radioluminescence absolute output of plastic scintillators Excited by gamma rays of Co⁶⁰ 8-92124
- Andreyev, P.A.**, Boryshanski, V.M., Volkov, D.J., Ivashchenko, N.J., Khrektoonov, O.P. The heat transfer investigation of vapour condensation in rectangular shaped channels with partial cooling over perimeter 8-94557
- Andreyeva, A.F.**, Gilman, I.Y. Certain optical properties of oxide films of rare earth metals 8-76544
- Andreyeva, M.N.**, Persiantsev, I.G., Pismenny, V.D., Polushkin, V.M., Rakhimov, A.T., Timofeyev, M.A., Treneva, E.G. A study of ionization instabilities of the plasma of a non-self-sustained discharge in air 8-71609
- Andreyeva, M.N.**, Persiantsev, I.G., Pismenny, V.D., Polushkin, V.M., Rakhimov, A.T., Timofeyev, M.A., Treneva, E.G. A study of ionization instabilities of a non-self-sustained discharge in molecular mixtures N₂+CO₂ 8-71610
- Andreyeva, N.Ye.**, Barashkov, B.I., Zakharova, G.V., Shubin, V.V., Chibisov, A.K. Nature of the electron-excited state in redox reactions of the pigments. I. Photooxidation of chlorophyll a by p-benzoquinone 8-76991
- Andriamonje, S.** *see* Chemin, J.F. 8-74750
- Andrianov, A.M.**, Sinitsyn, V.I. Erosion-discharge model for ball lightning 8-81322
- Andrianov, K.A.**, Slonimskii, G.L., Zhdanov, A.A., Kvachev, Yu.P., Levin, V.Yu., Ivanov, N.V., Makarova, N.N., Rabkina, A.Yu. Influence of γ -irradiation on the properties of ladder organo-silicon polymers 8-76891
- Andrianov, V.G.** *see* Nasirov, S.-M. 8-79602
- Andriashek, L.D.** *see* Babcock, E.A. 8-65347
- Andrick, D.**, Langhans, L. Measurement of the free-free cross section of e⁻-Ar scattering 8-74762
- Andriesse, C.D.** Platt particles in M17? 8-61907
- Andriesse, C.D.**, de Vries, J. Distribution of stars and dust near the galactic centre—a reappraisal 8-86010
- Andriessen, J.**, van Ormond, D., Ray, S.N., Das, T.P. Relativistic configuration interaction using many-body techniques. Hyperfine interaction in Gd³⁺ 8-78638
- Andrieux, A.** *see* Miljak, M. 8-84201
- Andrievskaya, N.F.**, Kurilo, Yu.P., Somov, A.I., Tortika, A.S. Directional solidification and microstructure of copper-niobium alloys 8-76596
- Andrievskii, B.V.**, Romanyuk, N.A. Optical characteristics of the Rochelle salt crystals in the 4-22 eV region 8-84550
- Andrievskii, B.V.** *see* Romanyuk, N.A. 8-68469
- Andrievskii, R.A.**, Klimenko, V.V., Mitrofanov, V.I., Poltoratskii, N.I. Effect of structural vacancies in interstitial phases on their sintering shrinkage 8-60630
- Andrievskii, R.A.** *see* Solodinin, A.M. 8-56616
- Andrikanis, L.L.**, Bernashevskiy, G.A., Bleyvas, I.M., Bunina, N.S., Galitskaya, I.I., Chursin, A.G. The problem of optimizing a CEE electron-optical system with strong deceleration of electrons in the collector region 8-74106
- Andrillat, Y.** *see* Fehrenbach, C. 8-61859
- Andritsopoulos, G.** *see* Cindro, N. 8-74384
- Andriyakhin, A.M.**, Zherebtsov, V.A., Kiryushchenko, A.I., Lebedev, M.A. Growth of a low-voltage arc discharge in caesium vapour. III. Oscillations 8-51386
- Andriyashik, M.V.** *see* Marchenko, V.I. 8-84576
- Andro, P.** *see* Baixeras, J. 8-56183, 8-64155
- Andronenko, M.N.**, Sinogeev, I.N., Solyakin, G.E., Chestnov, Yu.A., Shashmin, V.A. Measuring system of instrument for multiparametric analysis of kinematics of fission-fragment scattering 8-78551
- Andronenko, M.N.**, Sinogeev, I.N., Solyakin, G.E., Chestnov, Yu.A., Shashmin, V.E. Instrument for multiparametric analysis of kinematics of fission-fragment scattering 8-78550
- Andronenko, M.N.** *see* Sinogeev, I.N. 8-78547
- Andronic, V.V.** *see* Chernobai, V.A. 8-61876
- Andronov, A.A.**, Nozdin, Yu.N., Shastin, V.N. Distribution function and line profile of the cyclotron resonance of nonequilibrium photoelectrons in p-type InSb at low temperatures 8-60336
- Andrushchenko, N.S.** *see* Leonov, A.I. 8-52735
- Andrushchenko, V.A.** Onset of a ring-shaped whirlwind caused by a rising heated air mass in stratified atmosphere 8-77298
- Andryukhina, L.A.** *see* Postnikov, V.S. 8-86255
- Andryushin, A.I.**, Belyaev, R.A., Vavilov, Yu.V., Kvashnevskaya, M.S., Lishanskaya, R.S. Influence of nonstoichiometry on the thermal conductivity of boron carbide 8-63887
- Andryushin, A.I.** *see* Kiparisov, S.S. 8-52731
- Andryushkevich, M.B.** *see* Zbrodskii, S.S. 8-79371
- Andzel, J.**, Piela, L. Ab initio calculation of cohesion energy, compressibility and density of the NaF crystal 8-71782
- Anedda, A.** *see* Grill, E. 8-84549
- Anelli, E.F.**, Chiaradia, M.T., De Marzo, C., Distante, A., Favuzzi, C., Ferorelli, R., Germinario, G., Guerriero, L., La Vopa, P., Maggi, G., Perchiazzi, M., Posa, F., Sacchetti, A., Selvaggi, G., Spinelli, P., Waldner, F. Multiwire proportional chamber system of the Fermilab single arm spectrometer 8-82585
- Anfimov, I.S.** *see* Verkhoturov, A.D. 8-95849
- Angel, E.S.**, Jain, A.K. Restoration of images degraded by spatially varying pointspread functions by a conjugate gradient method 8-78920
- Angel, G.C.**, Sewell, E.C., Dunn, K.F., Gilbody, H.B. Charge transfer and ionisation in fast H⁺-He⁺ collisions: further measurements using a coincidence technique 8-50634
- Angel, J.R.P.** *see* Liebert, J. 8-96478
- Angel, J.R.P.** *see* Maza, J. 8-93406
- Angelescu, N.** On some boundary value problems in quantum statistical mechanics 8-86219
- Angelie, C.**, Deutsch, C. Semi-classical approach to the strongly magnetized hydrogen atom 8-90055
- Angelie, C.**, Deutsch, C. Relativistic hydrogen atom in superstrong magnetic fields 8-90095
- Angelier, J.** Tectonic evolution of the Hellenic Arc since the late Miocene 8-96185
- Angelilli, T.**, Taccone, N., Brieux de Mandirola, O. Interpretation of the infrared spectra of antimony trifluoride in relation to the structure 8-78692
- Angelini, J.-J.** *see* Dat, R. 8-75095
- Angelino, H.** *see* Khemangkorn, V. 8-71385
- Angelino, H.** *see* Molinier, J. 8-55686
- Angelis, B.A.** *see* De Angelis, B.A.
- Angelis, G.F.** *see* De Angelis, G.F.
- Angelis, R.J.** *see* De Angelis, R.J.
- Angell, C.A.** *see* Hodge, I.M. 8-52423
- Angell, C.A.** *see* Kanno, H. 8-51649
- Angell, C.A.** *see* Smedley, S.I. 8-84000
- Angeloni, L.**, Marzocchi, M.P., Detoni, S., Hadzi, D., Orel, B., Sbrana, G. Infrared and Raman spectra of potassium hydrogen malonate single crystals 8-60444
- Angelov, A.** *see* Petroff, B. 8-91238
- Angelov, A.M.**, Losaberdiz, S.I., Morozov, V.S., Pashin, M.M. The motion of charged particles of minerals in the electrostatic field of a free-fall precipitator 8-71020
- Angelov, B.M.** f-d interaction in doubly ionised lanthanides 8-90102
- Angelov, D.A.**, Kircheva, P.P. Absorption-edge structure in the stimulated fluorescence spectra of organic dyes 8-55350
- Angelov, N.**, Anoshin, A.I., Lyubimov, V.B., Solov'ev, M.I., Suleimanov, M., Tuvden-dorzh, D. Total disintegration of carbon nuclei induced by 40-GeV/c π^- mesons 8-89920
- Angelov, N.S.**, Batskovich, S., Grishin, V.G., Nad, Yu., Kanarek, T. Multiplicities of secondary particles as functions of the number of π^- meson collisions with nucleons of the carbon nucleus at 40 GeV/c 8-89922
- Angelov, S.A.** *see* Mayer, I. 8-91861
- Angelova, B.** *see* Gatev, V. 8-61163
- Angely, L.**, Bonoel, G., Peslerbe, G. Hexagonal phase in nickel obtained by vacuum deposition 8-63944
- Anger, C.D.**, Moshup, M.C., Wallis, D.D., Murphree, J.S., Brace, L.H., Shepherd, G.G. Detached auroral arcs in the trough region 8-88965
- Anger, C.D.** *see* Hays, P.B. 8-77385
- Anger, C.D.** *see* Murphree, J.S. 8-77384, 8-81491
- Anger, C.D.** *see* Whitteker, J.H. 8-77400
- Angerer, G.** Rheological behaviour of mixtures of rubber and crumb from scrap pneumatic tyres 8-55619
- Angerer, H.** *see* Ibl, N. 8-64489
- Angerstein-Kozłowska, H.** *see* Conway, B.E. 8-84059
- Anghel, A.L.** *see* Crisan, M. 8-60293
- Anglin, A.E.** Cleaning process for contaminated superalloy powders 8-84735
- Angress, J.F.**, Gledhill, G.A., Clark, J.D., Chambers, W.G., Smith, W. Infrared reflection spectra of some mixed alkali halides 8-76474
- Angress, J.F.** *see* Gledhill, G.A. 8-75776
- Angsirikul, T.** *see* Cheng, S. 8-59306
- Anh Vo Hong** *see* Vo Hong Anh
- Anhol, R.** Analysis of Doppler broadened Bi K α X-ray lines observed in 460 MeV Xe+Bi collisions 8-62759
- Anholt, R.** Theoretical investigation of electronic relativistic effects on K-vacancy production by charged particles 8-58600
- Anholt, R.** Electronic relativistic and Coulomb deflection effects on 1sr vacancy production 8-58801
- Anicin, B.A.**, Fazlic, R., Kopric, M. Theoretical evidence for negative Goos-Haenchen shifts 8-78865
- Anikieva, A.P.**, Merzhievskii, L.A., Titov, V.M. Piercing of a barrier under the impact of glass particles simulating stony meteorites 8-89043
- Anikin, A.A.**, Malinovskii, V.K. Spectral properties of statistical systems of non-interacting ellipsoidal silver particles of small size 8-60483
- Anikin, A.A.**, Malinovskii, V.K., Tsekhomskii, V.A. Spectral investigation of silver halide photochromic glasses 8-60490
- Anikin, G.V.** *see* Pikaikin, V.M. 8-86564
- Anikin, V.I.**, Deryugin, L.N., Polovinkin, A.N., Sotin, V.E. Fabrication of plane Ta₂O₅ optical waveguides by reactive cathode sputtering 8-71221
- Anikin, V.I.**, Osadchev, L.A. Planar optical waveguide using titanium oxide 8-90524
- Anikin, V.K.**, Skvortsov, I.M., Lapidus, I.I., Kolokolov, L.A. Low-temperature growth of epitaxial layers of germanium from monogermane 8-51833
- Anil Jain** *see* Guenther, B.D. 8-71053
- Anil Kumar** *see* Ernst, R.R. 8-74044
- Anile, A.M.**, Motta, S. Long-wavelength gravitational waves and the fine-scale anisotropy of the cosmic microwave background 8-81535
- Animalu, A.O.E.** *see* MacLain, A.P. 8-91579
- Animalu, A.O.E.** *see* Upadhyaya, J.C. 8-59872
- Aniol, K.A.**, Gebbie, D.W., Hollas, C.L., Nurzynski, J. The ^{50,52,54}Cr(α, p)^{53,55,57}Mn reactions at E_p=18 and 26 MeV 8-78397
- Aniol, R.** *see* Bechtold, V. 8-55065
- Anis, H.**, El-Zein, A. Discharge zones in air gaps of varying configurations 8-67582
- Anishchenko, N.M.** *see* Yun'kov, A.A. 8-85466
- Anishchenko, V.S.** The variance of the energies of the electrons emitted by a semiconductor cathode for the case of a penetrating electric field 8-88402
- Anisimov, A.M.**, Vasil'ev, V.F., Karasev, B.G., Lavrent'ev, I.V. Interaction of a moving conducting ribbon with a ferromagnetic inductor field. I 8-94359
- Anisimov, A.V.**, Miftakhutdinova, F.G. Distribution of the size of cells and intracellular structures of biosystems from measurements of the diffusion of water by the method of the pulsed gradient of n.m.r. spin echo 8-77159
- Anisimov, B.F.**, Emel'yanchenko, V.G. Criterion of coalescence of drops of inverse-type emulsion in a uniform electric field 8-53265

- Anisimov, S.D.**, Svetashev, S.S. An electromagnetic device for quality inspection of heat-treated steel products 8-53104
- Anisimov, S.P.**, Volodin, V.P., Orlovskii, I.Yu., Fedorov, Yu.N. Thermoelectric effects in crystalline polymers 8-88491
- Anisimov, V.I.**, Kozlov, A.G., Lanin, V.P., Polunin, A.K., Fedotova, L.N., Shurmel', V.A. Anion-exchange refinement of plutonium and neptunium separated during extraction reprocessing of VVER fuel elements 8-70624
- Anisimov, V.Ya.**, Sotskii, B.A. Maximum entropy of fields with given degrees of higher order coherence 8-50697
- Anisimova, E.P.**, Dobrokloonskii, S.V., Lesnikov, B.M., Speranskaya, A.A. On transformation of wind velocity profiles and drift current along the profile of a wind-generated wave 8-61429
- Anisimova, I.D.** see Rudov, T.V. 8-95353
- Anisovich, V.V.** Fragmentation processes and quark combinatorics 8-89671
- Anistratov, A.T.**, Shabanov, V.F., Kabanov, I.S., Zamkov, A.V., Aleksandrov, K.S. Nonlinear optical properties of the ferroelectric crystals $\text{Me}^*\text{NH}_4\text{RO}_4 \cdot n\text{H}_2\text{O}$ 8-76396
- Anistratov, A.T.** see Aleksandrov, K.S. 8-60419, 8-76399
- Anistratov, A.T.** see Vasil'ev, G.G. 8-91442
- Anitoff, O.E.**, Leicknam, J.-P. First kinetical analysis of a photoinduced dielectric constant shift in chloroplasts 8-61147
- Ankem, S.** see Jinoch, J. 8-84924
- Anker, D.**, Freeman, N.C. Interpretation of three-soliton interactions in terms of resonant triads 8-67207
- Ankiewicz, A.** Comparison of wave and ray techniques for solution of graded index optical waveguide problems 8-59140
- Anklam, H.J.**, Kapustin, V.A. Magnetic susceptibility of a magnetoexciton semiconductor with nonmagnetic impurities 8-68147
- Annale, R.V.** Hybrid cryogenic cooler for space flight applications 8-89484
- Annaev, R.G.**, Mel'nikova, L.L. On the properties of the chalcogenide spinel CdCr_2Se_4 8-79905
- Annapurna Sarkar** Spectrum of a Schrodinger operator with a class of damped oscillating potentials 8-77748
- Anne, R.**, Lefol, A., Milleret, G., Perret, R. A low-matter beam profile secondary emission monitor 8-70665
- Annenkov, Yu.M.**, Galanov, Yu.I., Frangul'yan, T.S. Nature of optical absorption bands in thermally processed crystals of alkali metal bromides 8-76513
- Annersten, H.** see Haggstrom, L. 8-68415
- Anni, R.**, Renna, L., Taffara, L. Contributions from reflected and refracted trajectories in heavy-nucleus elastic scattering 8-50200
- Annino, R.**, Jordan, W.E. The use of relative time programming in a gas chromatograph breath analyser 8-61268
- Annyuk, F.M.** The field geothermal station GS-1 using thermomagnetic resonators 8-93000
- Anokhin, B.G.** see Semiletov, S.A. 8-72039
- Anokhin, V.M.** see Shirokova, N.I. 8-60618
- Anokhov, S.P.**, Galich, G.A., Kravchenko, V.I., Khanin, Ya.I. Sweep-laser on dynamic modes 8-66851
- Anokhov, S.P.**, Zhupan, Yu.Yu., Kravchenko, V.I., Opanasyuk, Y.D., Tarabov, V.V. Dynamics of the emission spectrum of a neodymium-glass travelling wave sweep laser 8-50829
- Anoshin, A.I.** Acoustic radiation produced by ionizing particles in water 8-71793
- Anoshin, A.I.**, Lyubimov, V.B., Solov'ev, M.I., Suleimanov, M., Tuvdendorzh, D. Interaction of π^- mesons with carbon nucleus at $p_{\pi^-}=40$ GeV/c and the effect of 'nuclear transparency' for high-energy hadrons 8-54805
- Anoshin, A.I.** see Angelov, N. 8-89920
- Anosov, M.D.** Interaction between an atom and strong classical radiation 8-49697
- Anosova, I.A.** see Timofeeva, V.G. 8-49929
- Ansara, I.**, Bernard, C., Kaufman, L., Spencer, P. A comparison of calculated phase equilibria in selected ternary alloy systems using thermodynamic values derived from different models 8-60646
- Ansari, A.** see Dey, J. 8-62491
- Ansari, A.** see Satpathy, M. 8-74300
- Ansari, A.K.**, Verma, P.K. Vibrational spectra of o-methyl aniline, m-methyl aniline, N-methyl aniline and dimethyl aniline 8-62797
- Ansari, S.M.** Razaullah see Razaullah Ansari, S.M.
- Anschutz, A.**, Reis, A., Kirmaier, N. Respiration calorimetry determination of the oxygen-calorie equivalence of patients with thyroid diseases and normal persons 8-85412
- Ansel, D.**, Debuigne, J. Manganese-platinum system. Metallurgical study of alloys rich in manganese 8-92259
- Ansel, D.**, Debuigne, J., Denes, G., Pannetier, J., Lucas, J. About SnF_2 stannous fluoride. V. Conduction characteristics 8-75867
- Ansel, R.** see Pearsall, T.P. 8-56591
- Ansell, G.S.** see Brofman, P.J. 8-80553
- Ansell, G.S.** see Carr, M.J. 8-80546
- Ansell, G.S.** see Pradhan, R. 8-80545
- Ansell, J.H.** On the scattering of SH waves from a point source by a sphere 8-77185
- Ansell, J.H.** The location and mislocation of subcrustal earthquakes 8-85498
- Ansell, R.O.**, Dickinson, T., Povey, A.F. An X-ray photo-electron spectroscopic study of the films on coloured stainless steel and coloured 'Nilomag' alloy 771 8-64899
- Ansley, S.P.**, Merz, G.H., Simpson, W.R. The development of a liquid helium cooled cryopumping system for hydrogen pumping service in neutral beam injection systems 8-74495
- Ansorge, R.E.** see Bust, C.P. 8-93909
- Antanasijevic, R.** see Grabez, B. 8-89925
- Antanovich, A.A.** Density of gaseous nitrogen up to 200 K and 6 kbar 8-51266
- Antanovich, A.A.**, Plotnikov, M.A. Investigation of the thermodynamic properties of nitrogen at pressures up to 8 kbar and temperatures up to 1800K 8-81947
- Antar, A.** see Moak, C.D. 8-55066
- Antesberger, A.** see Wienhold, P. 8-63792
- Antesberger, G.** see Rinneberg, H. 8-55892
- Antesberger, G.** see Sharma, B.D. 8-87962
- Antholine, W.E.**, Hyde, J.S., Swartz, H.M. Use of Dy^{3+} as a free-radical relaxing agent in biological tissues 8-81090
- Anthony, K.H.** Continuum approach of physical line structures with applications to high polymers and to flux line lattices of superconductors 8-81859
- Anthony, M.**, Wickham, J. Finite-element simulation of asymmetric folding 8-77222
- Anthony, P.J.** see Smith, T.L. 8-83851
- Anthony, P.J.** see Steinback, M. 8-65934
- Anthony, T.R.**, Cline, H.E. On the uniformity of amorphous metal ribbon formed by a cylindrical jet impinging on a flat moving substrate 8-52718
- Anthony, T.R.**, Cline, H.E. Surface normalization of sensitized stainless steel by laser surface melting 8-60869
- Anthony, T.R.** see Cline, H.E. 8-67870, 8-68077, 8-71378
- Antia, H.M.**, Chitre, S.M. Invalidity of the linearized theory for a complete polytrope 8-77553
- Antikain, P.A.** The effect of restorative heat treatment on the structure and properties of the metal of steamline bends 8-68716
- Antila, K.-J.**, Arstila, M., Valimaki, I.A.T. Computer interpretation of heart-rate variation during ergometric test; a potential access to the analysis of cardiac control in exercise 8-85430
- Antimirov, M.Ya.** Nonstationary flow of a conducting fluid in a tube in a nonuniform magnetic field 8-75219
- Antimirov, M.Ya.**, Kolyshkin, A.A. Nonstationary MHD convection in a vertical circular channel 8-94833
- Antimirov, M.Ya.**, Liepinya, V.P. On the beginning of a surface-tension driven convection in a cylindrical slab of fluid in weightlessness condition 8-90872
- Antinenko, M.V.** see Lukachina, E.N. 8-52737
- Antiochos, S.K.**, Underwood, J.H. Comments on the 'minimum flux corona' concept 8-81611
- Antipenko, B.M.**, Lubimov, E.I., Nikolayev, V.B., Privvalova, T.A., Spesivtsev, B.I. Cooperative processes in liquid media 8-90116
- Antipin, M.Yu.** see Kravets, M.A. 8-71641
- Antipov, A.A.** see Gedeonov, L.I. 8-86699
- Antipov, A.B.**, Sapozhnikova, V.A. An optical-acoustic method in high resolution laser spectroscopy 8-74663
- Antipov, A.I.** see Abakumov, G.A. 8-59093, 8-71131
- Antipov, V.V.**, Davydov, B.I. Combined effect of flight factors 8-53537
- Antipov, Yu.M.**, Bessubov, V.A., Budanov, N.P., Gorin, Yu.P., Denisov, S.P., Klimenko, S.V., Lebedev, A.A., Mikhailov, Yu.V., Petrukhin, A.I., Polovnikov, S.A., Roinishvili, V.N., Stoyanova, D.A., Yotch, F.A. The A-dependence of $3\mu/\mu$ -particle inclusive distributions 8-62581
- Antipova, L.I.** On the circumstellar envelope around Nova Delphini 1967 8-77564
- Antoci, S.**, Mihich, L. Self-consistent calculation of the electronic structure of silicon and germanium using the intersecting-spheres model 8-51888
- Antokol'skii, G.L.** see Iolin, E.M. 8-52338
- Antoku, S.** see Okajima, S. 8-85393
- Antolovich, S.D.** Notch fatigue life predictions using smooth bar fatigue data 8-63387
- Antolovich, S.D.** see Bartos, J. 8-64686
- Antomonov, Yu.**, Kotova, A. Discrete-dynamic equations of onset and propagation of mono-synaptic potentials (PSP) 8-77040
- Anton, D.R.** see Eaton, H.E. 8-53303
- Antonangeli, F.** see Balzarotti, A. 8-63974
- Antone, T.A.** Integral form of energy matrix element 8-70435
- Antonello, E.**, Arienti, F., Fracassini, M., Pasinetti, L.E. Spectrographic observations of three suspected delta Scuti variables 8-61867
- Antonenko, A.Kh.** see Dvurechensky, A.V. 8-87702
- Antonenko, A.L.** see Agashkova, N.N. 8-95850
- Antonenko, V.A.** see Tolubinskii, V.I. 8-55552, 8-59273, 8-75055, 8-83234
- Antonenko, V.A.** see Tolubinsky, V.I. 8-90656
- Antonenko, V.O.** see Tolubinskii, V.I. 8-90639
- Antonenko, Yu.N.** see Molchanov, A.A. 8-53761
- Antonets, M.A.** The classical limit for Weyl quantization 8-54219
- Antoni, B.**, Delvaux, J., Rioux-Damidaou, F. Study of cutouts in exploding foils adapted for rapid transfers of energy 8-91135
- Antoni, L.** see Fellstrom, B. 8-92738
- Antoni, L.** Degli see Degli Antoni, L.
- Antonia, R.A.**, Chambers, A.J., Rajagopalan, S., Sreenivasan, K.R., Friehe, C.A. Measurements of turbulent fluxes in Bass Strait 8-69357
- Antonia, R.A.**, Danh, H.Q. A local similarity model for the heat flux equation in a turbulent boundary layer 8-75142
- Antonia, R.A.**, Van Atta, C.W. Accuracy of structure functions of temperature in turbulent shear flows 8-71380
- Antonia, R.A.** see Sreenivasan, K.R. 8-90955, 8-92891
- Antoniadis, D.A.**, Gonzalez, A.G., Dutton, R.W. Boron in near-intrinsic (100) and (111) silicon under inert and oxidizing ambients-Diffusion and segregation 8-75882
- Antonides, E.**, Sawatzky, G.A. The electron-electron interaction in 3d transition metals 8-91631
- Antoniewicz, P.R.** The depolarization interaction of adsorbed non-polar molecules 8-51820
- Antonini, B.**, Borghese, C., Menegalli, S., Paroli, P., Tappa, R., Tesi, E., Toni, M. Numerical display element exploiting 'rag-domains' garnet films 8-68339
- Antonini, B.**, Lagomarsino, S., Paoletti, A., Paroli, P., Tappa, R., Tucciarone, A., Scarinci, F. Investigation of increasing Fe^{4+} concentrations in Ca-doped YIG films 8-95595
- Antonini, D.**, Moiola, P., Pedretti, E., Scafe, R., Visentin, A. Measurement of neutron activation cross sections by generalized intermittent irradiation 8-85283
- Antonini, G.**, Guiffant, G., Geiger, D. Periodic fluctuation of free convection mass transfer from horizontal surfaces 8-87344
- Antoniou, N.G.**, Viassopoulos, S.D.P. Asymptotic behavior of multiplicities in theories with Koba-Nielsen-Olesen scaling 8-78083
- Antonir, I.**, Tamir, A. The effect of surface suction on condensation in the presence of a noncondensable gas 8-90691
- Antoniuk, T.H.** see Onn, D.G. 8-68274
- Antonoff, M.M.** Properties of antiferromagnetic metals containing paramagnetic impurities 8-86232
- Antonov, A.N.**, Garistov, V.P., Petkov, I.Zh. Simultaneous analysis of high-energy electron and proton elastic scattering on atomic nuclei 8-54738
- Antonov, A.S.**, Papazyan, Kh.T., Petrova, A.P., Yuskesseliya, L.G. Some aspects of the process of sedimentation of artificial aerosols 8-85619
- Antonov, A.S.** see Yuskesseliya, L.G. 8-83920
- Antonov, A.V.** see Markelis, A.V. 8-88152
- Antonov, B.D.** Structure of molten individual alkali metal halides. II. Intensity of scattered X-radiation 8-87609
- Antonov, E.E.**, Korchevov, Yu.P., Lukashenko, V.I. Inversion of excited atom states in cesium and nitrogen-cesium plasma 8-71460
- Antonov, E.I.** see Pronman, I.M. 8-88671
- Antonov, G.S.** see Kiselevskii, L.I. 8-75395
- Antonov, N.A.** Aspects of reactor noise analysis in power reactor systems 8-82488
- Antonov, S.N.** see Proklov, V.V. 8-83082
- Antonov, S.V.** see Baksh, F.G. 8-67418, 8-67419, 8-79473
- Antonov, V.A.**, Arsenev, P.A., Petrova, D.S. Analysis of spectral and structural regularities of neodymium ions in garnet monocrystals 8-51948
- Antonov, V.A.**, Kholchevnikov, K.V. Multi-dimensional inequality by Bernstein and evaluations of gravity potential derivatives 8-93081
- Antonov, V.A.**, Nuritdinov, S.N. Stability of nonlinear nonradial oscillations in two-dimensional models of rotating stellar systems 8-53992

- Antonov, V.E.**, Belash, B.K., Ponomarev, B.K., Ponyatovskii, E.G., Tissen, V.G. Ferromagnetism of hydrides of nonferromagnetic iron-nickel-manganese alloys 8-88144
- Antonov, V.E.**, Belash, I.T., Ponyatovskii, E.G. Phase transformation in nickel-cobalt alloys under high hydrogen pressures 8-60645
- Antonov, V.E.** see Thiessen, V.G. 8-84452
- Antonov, V.F.** see Ivanov, A.S. 8-69024
- Antonov, V.N.** see Nemoshkalenko, V.V. 8-75991
- Antonov, V.N.** see Nemoshkalenko, V.V. 8-75991
- Antonov, V.S.**, Knyazev, I.N., Letokhov, V.S., Matiuk, V.M., Movshev, V.G., Potapov, V.K. Stepwise laser photoionization of molecules in a mass spectrometer: a new method for probing and detection of polyatomic molecules 8-78840
- Antonov-Romanovskii, V.V.** Recombination decay kinetics in the diffusion approximation in the presence of particles pair correlation 8-80398
- Antonov-Romanovskii, V.V.** Recombination kinetics in the diffusion approximation for pair correlation of particles under decay conditions 8-91702
- Antonova, G.S.** Modeling heterogeneous chemical reactions under the action of a turbulent jet 8-64885
- Antonova, G.S.** Diffusion in a laminar boundary layer of a turbulent jet incident on a plate 8-67242
- Antonova, I.M.** see Abarenkov, I.V. 8-87952
- Antonovskii, A.A.**, Blinov, V.N. Electrometer amplifier 8-77933
- Antonsen, T.M., Jr.** Stability of bound eigenmode solutions for the collisionless universal instability 8-71472
- Antonucci, E.** Cosmic rays during solar flares 8-96461
- Antonucci, L.**, Bramati, L., Boeri, G., Brofferio, C., Nardi, A. Considerations on some district emergency exercises held around nuclear power stations in Italy 8-55052
- Antoon, M.K.** see Koenig, J.L. 8-58870
- Antoshchuk, A.I.** see Kirichok, P.P. 8-52305
- Antoshchuk, V.V.**, Milenin, V.V., Primachenko, V.E., Snitko, O.V. Nonequilibrium population of electron states and photometry of surface potential of Au-doped Si at 77K 8-56206
- Antov, B.Z.** see Popova, L.I. 8-84309
- Antrack, D.** see Melzner, F. 8-93075
- Antropov, L.I.**, Sribnyi, L.E., Donchenko, M.I. Investigation of the electrolytic deposition of copper from sulfate solutions. 1. Use of the isosurface concentration voltamperometry method for studying the discharge of copper ions 8-61022
- Antropov, V.I.** see Potapov, A.V. 8-71459
- Antsiferov, V.N.**, Cherepanova, T.G., Gubareva, E.M. Effect of calcium fluoride upon the structural heterogeneity of sintered chromium-molybdenum steels 8-60611
- Antsiferov, V.N.**, Lyudagovskii, A.V., Rabinovich, A.I. Equipment for testing elongation of high-strength and high-tensile fibers (exchange of experience) 8-56844
- Antsiferov, V.N.** see Degtyarev, I.S. 8-68643
- Antsupov, S.M.**, Slezov, V.V. Homogeneous nucleation in solutions 8-67833
- Antsupov, S.M.** see Slezov, V.V. 8-91444
- Antsygina, T.N.**, Slyusarev, V.A. Three-dimensional analogue of the Tomonaga model for interacting Fermi systems 8-71900
- Anttila, A.**, Hirvonen, J. Annealing behavior of nitrogen-implanted proton-irradiation molybdenum 8-91362
- Anttila, A.** see Bister, M. 8-93967
- Anttila, A.** see Hautala, M. 8-55069
- Anttila, A.** see Hirvonen, J. 8-63779
- Anttila, K.** see Lakosi, L. 8-92576
- Antufeva, R.N.**, Bondarenko, V.S., Gorbach, I.V., Deptsova, L.A., Tokarev, A.I. Effect of temperature instability of the matching layer on the amplitude-frequency characteristic of acoustic devices 8-59220
- Antypas, G.A.**, Houng, Y.M., Hyder, S.B., Escher, J.S., Gregory, P.E. The incorporation of Ga during LPE growth of $\text{In}_{0.53}\text{Ga}_{0.47}\text{As}$ on (111)B and (100) InP substrates 8-91557
- Antypas, G.A.** see Gregory, P.E. 8-95651
- Anufriev, B.F.**, Balandin, A.A., Baranov, V.M., Miloserdin, Yu.V. Facility for intrareactor investigations of an aggregate of physicochemical properties of materials by a pulsed ultrasonic spectroscopic method 8-70591
- Anufriev, V.G.** EPR in magnesium-manganese spinel Mg_2MnO_4 8-91936
- Anufriev, A.P.**, Braginskii, S.I. Effect of irregularities of the boundary of the Earth's core on the speed of the fluid and on the magnetic field. III 8-73333
- Anurova, E.N.** see Savinkov, A.I. 8-88549
- Anyas-Weiss, N.**, Strotman, D. Influence of non-central interactions on 1s-0d nuclei 8-93949
- Anyzh, F.** see Levkov, L. 8-96279
- Anzai, H.** see Kagoshima, S. 8-75795
- Anzai, H.** see Takakusa, M. 8-82962
- Anzai, I.**, Kikuchi, T. A new monitoring technique of surface contamination—the test surface method 8-50409
- Anzai, S.** Chromatic-aberration-free optics for microscopy 8-89534
- Anzelon, G.A.** see Chapman, T.C. 8-66324
- Anzer, U.** Can coronal loop transients be driven magnetically? 8-61842
- Anzin, V.B.**, Kosichkin, Yu.V., Kotlov, Yu.N., Nadezhdinskii, A.I. Cryostat with continuous helium flux for optical investigations at a fixed high pressure 8-74008
- Anzin, V.B.**, Kosichkin, Yu.V., Kotlov, Yu.N., Nadezhdinskii, A.I. A continuous flow helium cryostat for optical studies at fixed high pressure 8-81984
- Anzina, L.V.**, Veselago, V.G., Rudov, S.G., Aminov, T.G., Kalinnikov, V.T. Quenching of the photoferrromagnetic effect in magnetic semiconductor CdCr_2Se_4 8-68488
- Ao, N.** see Ohnishi, M. 8-58461, 8-59653
- Ao Chao** see Jiang Zun-fu 8-74824
- Aochi, T.**, Yasuno, T., Yasukawa, S., Miyamoto, Y., Mitake, S., Shindo, R., Muto, Y. Status of design studies on experimental multi-purpose very high-temperature reactor 8-66330
- Aoki, A.**, Kametani, H. Potential-pH diagram of the $\text{Fe-SO}_4\text{-H}_2\text{O}$ suspension system at 90°C 8-61068
- Aoki, H.** Numerical study of two-dimensional Wigner glass in strong magnetic fields 8-63993
- Aoki, H.** Transport properties of two-dimensional disordered electron systems in strong magnetic fields 8-95318
- Aoki, H.**, Ogawa, K. De Haas-van Alphen effect study of magnetic interaction in lead 8-79921
- Aoki, H.** see Hata, M. 8-95019
- Aoki, H.** see Ogawa, K. 8-63968
- Aoki, K.**, Izumi, O. On the ductility of the intermetallic compound Ni_3Al 8-56715
- Aoki, K.**, Izumi, O. Flow stress and work hardening in $\text{Ni}_3(\text{Al,Ti})$ single crystals 8-84839
- Aoki, K.** see Hayashi, Y. 8-79200
- Aoki, K.** see Sone, Y. 8-87362
- Aoki, K.** see Yano, S. 8-72457
- Aoki, K.-I.** see Masuda, Y. 8-96206
- Aoki, M.** see Ikeda, K. 8-72861
- Aoki, M.** see Ueda, Y. 8-60803
- Aoki, R.**, Tsunakawa, H., Nishizawa, T. Heat transfer in rod-like flow with pneumatic transportation of bulk solids (on wall film transfer coefficient and effective thermal conductivity) 8-87378
- Aoki, R.** see Kamiwano, M. 8-95872
- Aoki, R.** see Nakamura, S. 8-84136
- Aoki, S.** Transportation of special nuclear materials 8-86658
- Aoki, S.**, Inoue, A., Kozawa, Y., Akimoto, H. Direct contact condensation of flowing steam onto injected water 8-94097
- Aoki, S.**, Kishimoto, K., Kondo, H., Sakata, M. Elastodynamic analysis of crack by finite element method using singular element 8-55603
- Aoki, S.** see Koyama, Y. 8-74989
- Aoki, S.** see Sakata, M. 8-92352
- Aoki, T.**, Matsuda, M., Hattori, S. Parametric circuit analysis of strip-coupled varactor SAW convolvers 8-71245
- Aoki, T.**, Wada, K. Optical and anelastic absorptions and resonator frequency of electron-irradiated quartz 8-64385
- Aoki, T.** see Furuno, K. 8-50189
- Aoki, T.** see Hamajima, K. 8-89064
- Aoki, T.** see Noguchi, T. 8-89073
- Aoki, T.** see Saitoh, M. 8-59988
- Aoki, T.** see Tagishi, Y. 8-70523
- Aoki, T.** see Watari, T. 8-83604
- Aoki, Y.** Derivation of a propagator by a quantum mechanical technique 8-73886
- Aoki, Y.** see Suzuki, Y. 8-59208
- Aono, M.**, Oshima, C., Tanaka, T., Bannai, E., Kawai, S. Structure of the LaB_2 (001) surface studied by angle-resolved XPS and LEED 8-63909
- Aono, T.** Magneto-Seebeck effect of Pb-doped Bi-Sb 8-56168
- Aono, Y.** see Okazaki, K. 8-64576, 8-68722
- Aoyagi, K.**, Bell, T.N., Dunlop, P.J. Problems in cell design for the measurement of diffusion coefficients in the gas phase 8-55709
- Aoyagi, K.**, Sugano, S. Optical observation of adiabatic magnetisation in rare-earth compounds 8-88283
- Aoyagi, M.** see Okuyama, F. 8-52644
- Aoyama, H.**, Fukuda, R. Conserved flux in Yang-Mills theory—elimination of color charge of gauge field 8-89659
- Aoyama, I.**, Inoue, Y. Evaluation of radioactive contamination in aquatic organisms by means of the statistic and the information theory 8-53535
- Aoyama, K.** see Kobayashi, I. 8-90506
- Aoyama, K.** see Koyama, M. 8-90503, 8-90503
- Aoyama, S.** On the bound state of the massive Thirring model and the sine-Gordon theory 8-74141
- Aoyama, S.** see Awaka, J. 8-85670
- Aoyama, S.** see Otsu, Y. 8-85671
- Apae, B.A.**, Kikilov, Yu.V., Madyanov, S.A., Mal'tsev, G.A. Influence of ultrasound on tempering processes in chromium and manganese steels 8-52827
- Apae, B.A.** see Deich, I.S. 8-95741
- Apae, B.A.** see Gaiduchenya, V.F. 8-56698
- Apai, G.** see Shirley, D.A. 8-52633
- Apai, G.** see Stohr, J. 8-52626
- Apanasevich, P.A.**, Afanas'ev, A.A. Stimulated scattering of light from free carriers created in a semiconductor by absorption of light 8-88330
- Apel, J.** see Gudmandsen, P. 8-81419
- Apel', V.D.**, Augenstein, K., Bertoluchchi, E., Donskov, S.V., Inyakin, A.V., Kachanov, V.A., Kittenberger, W., Krasnokutskii, R.N., Kryuger, M., Leder, G., Lednev, A.A., Mannelli, I., Mikhailov, Yu.V., Uller, Kh.My., P'eratstina, G.M., Prokoshkin, Yu.D., Kval'ya, M., Schnaider, Kh., Scribano, A., Serozhamp'etri, F., Shuvalov, R.S., Sigurdsson, G., Shtoe, M., Vincelli, M.L. Observation of the reaction $\pi^+p \rightarrow \eta\eta\pi$ at the momentum of 40 GeV/c 8-78223
- Apell, P.** The electromagnetic field near a metal surface in the semi-classical infinite barrier model 8-64079
- Apfel, R.E.** see Trinh, E. 8-55535, 8-59860
- Apfelbaum, M.S.** Space charge transfer by slow flow in a dielectric fluid in a storage nonuniform electric field 8-75223
- Apfelbaum, M.S.** Plane jet of weakly conducting dielectric liquid in a strong nonuniform electric field 8-94838
- Appar, B.A.** see Iwasa, Y. 8-83219
- Appar, E.** Vacuum and surface properties of the Alcator tokamak 8-71549
- Apitz, J.** see Epple, E. 8-85432
- Apitz, J.** see Nagel, M. 8-88754
- Apollonov, V.V.** see Khmelev, A.V. 8-61052
- Apostol, A.** see Hasegan, D. 8-94167
- Apostol, D.**, Apostol, I., Cojocaru, E., Draganes, V., Mihailescu, I.N., Morjan, I., Konov, V.I. Interferometric investigation of shock waves induced by a laser produced plasma 8-75428
- Apostol, I.** see Apostol, D. 8-75428
- Apostolakis, A.** see Baland, J.F. 8-93911
- Apostolakis, G.** see Kazarians, M. 8-50269
- Apostolakis, G.E.** see Chun, J. 8-78483
- Apostolesku, S.**, Bugrov, V.N., Vertesh, P., Kamanin, V.V., Karamyan, S.A., Makrin, R., Oganessian, Yu.Ts., Titirichi, M. Measurement of life time for excited compound nucleus in the reaction $^{238}\text{U}(^3\text{He},f)$ by means of the shadow effect 8-86562
- Apostolov, A.** see Atanasov, Z. 8-83649
- Apostolov, D.** see Lazarova, M.S. 8-85280
- Apostolov, E.M.** see Letfus, V. 8-65588
- Appandairajan, N.K.**, Gopalakrishnan, J. A study of $\text{Co}_{3-x}\text{Ni}_x\text{O}_4$ ($0 \leq x \leq 1$) system 8-87972
- Apparao, K.M.V.**, Bignami, G.F., Maraschi, L., Helmken, H., Margon, B., Hjellming, R., Bradt, H.V., Dower, R.G. 4U 0241+61: a luminous low-redshift QSO 8-61940
- Apparao, K.M.V.** see Dower, R.G. 8-61938
- Apparao, K.M.V.** see Jernigan, J.G. 8-54094
- Apparao, K.M.V.** see Maraschi, L. 8-54092
- Appel, E.**, Bianchi, B., Bryant, P.J., deRaad, B., Dupin, J., Gervaise, J., Hansen, S., Jung, R., Kemp, D., Leistam, L., Oliver, S., Perrot, A., Pichler, S., Riche, J., Schnuriger, J.C., Unterlercher, W., Zotter, B. The merging of the intersecting storage rings for a 60 GeV collider with the 400 GeV proton synchrotron 8-58513
- Appel, E.**, Schulze, J. A method for automatic measurement of b-wave amplitude and peak-latency of the electroretinogram 8-80993
- Appel, J.**, Overhauser, A.W. Cyclotron resonance in two interacting electron systems with application to Si inversion layers 8-87902
- Appel, J.** see Pfuff, M. 8-95333
- Appel, R.** see Turowski, A. 8-74659
- Appel, S.H.** see Pishker, G.A. 8-80849
- Appelbaum, J.A.**, Hamann, D.R. Theory of reconstruction induced subsurface strain—application to Si (100) 8-63914
- Appelbaum, J.A.**, Hamann, D.R. Theory of reconstruction-induced subsurface strain 8-91516
- Appelbaum, J.A.**, Hamann, D.R. Electronic structure of yttrium sulphide 8-91615
- Appelblad, O.**, Lagerqvist, A., Lefebvre, Y., Pinchemel, B., Schamps, J. The spectrum of CuO : rotational analysis of some green bands 8-82747
- Appelblad, O.**, Lagerqvist, A., Lyyra, M. The spectrum of CuO : rotational analysis of a $^2\Sigma_{1/2}-^2\Pi_{1/2}$ transition 8-82748

- Appelquist, T.**, Dine, M., Muzinich, I.J. Static limit of quantum chromodynamics 8-66039
- Appelquist, T.**, Fischler, W. Some remarks on van der Waals forces in QCD 8-86441
- Appert, K.**, Vaclavik, J. Instability of coupled Langmuir and ion-acoustic solitons 8-75294
- Appl, F.J.** see Charles, J.A. 8-92356
- Applebury, M.L.**, Peters, K.S., Rentzepis, P.M. Primary intermediates in the photochemical cycle of bacteriorhodopsin 8-96011
- Appleby, P.G.** Inertial frames in classical space-time 8-81826
- Appleby, W.K.** see Kenfield, T.A. 8-79636
- Applequist, H.**, Jensen, K.O., Hammer, C. Mercury in the Greenland Ice Sheet 8-65349
- Appleton, B.R.** see Larson, B.C. 8-71747
- Appold, G.**, Pascher, H., Ebert, R., Steigenberger, U., von Ortenberg, M. Determination of the effective g -value of electrons in n -type InSb by spin-flip Raman scattering and electric-dipole-excited electron spin resonance 8-52494
- Apps, J.** see Bowman, H. 8-85746
- Appu, K.S.** see Narayanan, V. 8-85630
- Aprahamian, R.**, Jacoby, J.L., Bhuta, P.G. Acousto-optical nondestructive testing 8-53165
- Apruèse, J.P.** see Davis, J. 8-91130
- Apruzese, J.P.** see Davis, J. 8-51360
- Apryatkin, V.K.** see Mal'tsev, M.D. 8-63013
- Aptekar, L.L.**, Babayants, V.A., Shabel'nikov, L.G., Shekhtman, V.Sh. Structure mechanism of a low-temperature phase transition in the hexagonal modification of nickel sulfide 8-71855
- Aptekar, L.L.**, Raschupkin, V.I., Tonkov, E.Yu., Golubkov, A.V. Volume changes in SmS at pressures up to 20 kbar 8-71791
- Aquilano, D.** see Boistelle, R. 8-55876
- Aquilanti, V.**, Casavecchia, P., Grossi, G. Excitation of $Hg(6^3P_1)$ by low energy alkali ion impact: Optical polarisation and cross sections for magnetic sublevels 8-50619
- Ara, G.**, Basu, B., Coppi, B., Laval, G., Rosenbluth, M.N., Waddell, B.V. Magnetic reconnection and $m=1$ oscillations in current carrying plasmas 8-71463
- Arabidze, G.G.** see Kozhevnikov, A.A. 8-65063
- Arad, B.**, Eliezer, S. The significance of the distribution of hot spots on the interpretation of laser produced plasma experiments 8-55732
- Aragao, F.R.F.** see Monteiro, A.M.M. 8-54651
- Aragone, C.**, Restuccia, A. Dynamical structure of linearized GL(4) gravities 8-65846
- Aragone, C.**, Restuccia, A. A gravitating SO(3, 1) gauge field 8-86201
- Aragones, J.M.** see Velarde, G. 8-50231
- Arai, H.**, Yamaguchi, K., Mitomo, H., Kuriyama, I. Fine structure of polyethylene prepared by γ -ray-induced polymerization in various solvents. III. Selective degradation with ozone 8-72475
- Arai, I.**, Ikeda, H., Itano, A., Ohshima, E., Fujii, H., Homma, S., Hoshi, Y., Ishii, T., Maruyama, K., Okuno, H., Sasaki, A., Yamashita, N. Photoproduction of negative pions from carbon in the energy range between 510 MeV and 750 MeV 8-74347
- Arai, I.** see Kamae, T. 8-82215
- Arai, K.** see Tsuya, N. 8-92210
- Arai, K.I.**, Tsuya, N. Magnetomechanical coupling and variable delay characteristics by means of giant ΔE effect in iron-rich amorphous ribbon 8-68353
- Arai, K.I.** see Fukamichi, K. 8-91922
- Arai, K.I.** see Kikuchi, M. 8-76291
- Arai, S.** Chromian spinel lamellae in olivine from the Iwanai-dake peridotite mass, Hokkaido, Japan 8-96205
- Arai, S.**, Oka, T., Kogoma, M., Imamura, M. Near infrared absorptions of neon, argon, krypton, and xenon excited diatomic molecules 8-66547
- Arai, S.**, Tomita, Y., Sudou, K. Flow of liquid metals with a transversely applied magnetic field. VIII. Influence of channel side walls and aspect ratio on laminar and transition flows 8-63500
- Arai, S.** see Kawanishi, H. 8-82986
- Arai, T.**, Yabumoto, T., Goto, T. Mechanisms of the increase of the Cd (II) 441.6 nm laser power by the addition of iodine in a positive column He-Cd⁺ laser 8-55344
- Arai, T.** see Iliev, M.N. 8-52496
- Arai, T.** see Wakaki, M. 8-80340
- Arai, Y.** see Hino, Y. 8-89863
- Araimo, L.**, de Candia, F., Vittoria, V. Thermomechanical study of the hysteretic behaviour of natural rubber networks 8-76692
- Arajs, S.**, Anderson, E.E. Paramagnetic properties of Fe-Al alloys at high temperatures 8-68153
- Arajs, S.**, Brown, K.W. Some magnetic properties of glassy $Fe_{78}Mo_{2}B_{20}$ between 300 and 900K 8-85010
- Arajs, S.**, Moyer, C.A., Brown, K.W. Determination of the ferromagnetic Curie temperature for $Fe_{40}Ni_{40}P_{14}B_6$ (Metglas 2826) 8-64206
- Arajs, S.**, Moyer, C.A., Kote, G., Kalnins, I.L. Diamagnetic susceptibility of carbon fibre reinforced epoxy resin composites 8-84381
- Arajs, S.** see Eroglu, A. 8-64035
- Arajs, S.** see McLaughlin, J.B. 8-75210
- Arajs, S.** see Martin, C.C. 8-72132
- Arajs, S.** see Moyer, C.A. 8-68142
- Arak, T.** see Kikuchi, T. 8-65456
- Arakawa, E.T.**, Williams, M.W., Samson, J.A.R. Polarization by gratings used at grazing incidence 8-87129
- Arakawa, H.** see Ito, T. 8-52665
- Arakawa, M.** see Nishino, M. 8-95874
- Arakawa, S.** see Fukamichi, K. 8-91922
- Arakawa, S.** see Inoue, A. 8-59764
- Arakawa, Y.** see Ohara, Y. 8-54912
- Arakelov, A.G.** see Kissil', A.E. 8-56692
- Arakelyan, M.M.** Non-linear ultrasound absorption in an electromagnetic wave field under quantum size effect conditions 8-87745
- Arakelyan, S.M.**, Grigoryan, G.L., Nersisyan, S.Ts., Nshanyan, M.A., Chilingarian, Yu.S. Generation of second harmonic in liquid crystals: molecule symmetry and macroscopic nonlinearity 8-90457
- Arakelyan, V.S.**, Avedisyan, A.G., Mirzabekyan, E.G., Shaverdyan, F.M. Observation of ultrasonic wave 'freezing' effect 8-63843
- Arakelyants, M.M.** see Kruczyk, J. 8-53614
- Araki, H.**, Fujimura, Y., Kumada, K. The effect of prestrain on the σ phase formation in low carbon 25 Cr-20 Ni steels 8-92260
- Araki, H.** see Iida, S. 8-78455
- Araki, T.** see Kikuta, Y. 8-52960
- Aramaki, S.**, Hamuro, K. Geology of the Higashi-Izu monogenetic volcano group 8-96176
- Aramu, F.**, Maxia, V., De Filippo, D., Trogu, E.F. Sextet-doublet Boltzmann equilibrium in iron-III tris diiseleno chelates 8-60366
- Aranake, R.N.** see Soundalgekar, V.M. 8-90830, 8-91020
- Aranchuk, L.E.**, Kalinin, Yu.G., Kingsep, A.S., Shestakov, Yu.I., Skoryupin, V.A. Turbulent heating of dense plasma 8-75386
- Aranibar, A.**, Pfurtscheller, G. On and off effects in the background EEG activity during one-second photic stimulation 8-69047
- Aranovich, G.L.**, Vishnyakov, B.A. Porosity of thin films 8-56057
- Aranovich, G.L.** see Vishnyakov, B.A. 8-92192
- Aranovich, J.**, Fahrenbruch, A.L., Bube, R.H. High conductivity ZnSe films 8-68100
- Aranuvachapun, S.**, Brimblecombe, P. Extreme ebbs in the Thames 8-73417
- Arapov, Yu.G.**, Davydov, A.B. Waveguide methods of measuring complex dielectric constant of semiconductors at SHF 8-95542
- Aras, N.K.** see Yener, G. 8-94037
- Arastu, A.H.**, Berger, F.P. Flow data for the thermal design of gas-cooled porous fuel elements 8-94100
- Arata, Y.**, Miyake, S., Ushio, M., Yoshioka, Y. Pulsed high current heating of a microwave plasma at atmospheric pressure 8-55728
- Araujo, C.B.** see de Araujo, C.B.
- Aravamudan, K.S.** Reduction in response of an infinite beam to a periodic support system 8-83314
- Aravamudan, K.S.**, Lee, A., Harris, W.L. A simplified Mach number scaling law for helicopter rotor noise 8-83167
- Aravind, P.K.** see Gupta, A.K. 8-56099
- Arazov, G.T.**, Gabibov, S.A. On the classification of motion in the generalized two-dimensional problem of three fixed centres 8-77465
- Arbatskaya, A.N.** see Moskaleva, T.V. 8-83039
- Arber, S.L.** Study of effect of electromagnetic fields on activity of enzymes 8-61142
- Arbib, M.A.** Local organizing processes and motion schemas in visual perception 8-69086
- Arbinger, H.** see Hovestadt, D. 8-85790
- Arbman, G.**, Jarlborg, T. Trend studies of A15 compounds by self-consistent band calculations 8-79925
- Arbuzov, B.A.**, Kompaneets, V.G., Tikhonin, F.F. The $\Delta T=1/2$ rule in quark models with physical colour 8-74219
- Arbuzov, M.P.**, Golub, S.Ya., Khaenko, B.V. Lattice distortion of ordered phase on the base of cubic titanium carbonitride 8-68680
- Arbuzov, M.P.**, Pavlyukov, A.A., Krakovich, E.V., Opanasenko, O.S. Magnetic characteristics of sintered permanent magnets in alloys of the Co-Cu-Fe-Ce system 8-60312
- Arbuzov, M.P.**, Pavlyukov, A.A., Krakovich, E.V., Opanasenko, O.S. Magnetic characteristics of sintered permanent magnets in (Co, Cu, Fe)₂Ce alloys 8-60608
- Arbuzov, M.P.**, Pavlyukov, A.A., Krakovich, E.V., Opanasenko, O.S. Magnetic properties of sintered (Co,Cu,Fe)₂Ce 8-68302
- Arbuzov, S.I.** see Kobrin, M.M. 8-53911
- Arbuzov, V.I.**, Galant, R.I., Golubskaya, M.P., Przhvetskii, A.K., Tolstoi, M.N. The presence of multitype optical centers in activated vitreous silica 8-68558
- Arbuzov, V.K.** see Korotaev, A.D. 8-84836
- Arbuzov, V.L.**, Danilov, S.E., Klotzman, S.M., Matveev, V.N. Influence of heat treatments on the contributions of the size effect and grain boundaries to the residual electrical resistance of pure polycrystalline copper 8-56126
- Arbuzova, T.I.** see Bazuev, G.V. 8-72335
- Arbuzova, T.I.** see Samokhvalov, A.A. 8-88109
- Arcan, M.**, Hashin, Z., Voloshin, A. A method to produce uniform plane-stress states with applications to fiber-reinforced materials 8-85064
- Arcas, P.**, Arie, E. Absorption spectrum of CO₂ in the 4.82- μ m region 8-58868
- Arcas, P.** see Arie, E. 8-90224
- Archambault, P.**, Chevrier, J.-C., Beck, G. Optimum quench coolings of aluminium alloys 8-64562
- Archbold, E.**, Ennas, A.E., Virdee, M.S. The deformation of steel bars in a four-point bending machine measured by holographic interferometry 8-60721
- Archer, N.J.** Vapour deposition of wear-resistant surfaces 8-72938
- Archer, N.J.**, Yee, K.K. Chemical vapour deposited tungsten carbide wear-resistant coatings formed at low temperatures 8-92404
- Archer, R.R.** see Vendhan, C.P. 8-51074
- Archer, V.E.** Geomagnetism, cancer, weather and cosmic radiation 8-53615
- Archer-Hall, J.A.** see Al Jarallah, M.I. 8-53478, 8-96084
- Archetti, F.**, Betro, B. The multiple covering problem and its application to the dimensioning of a large scale seismic network 8-69540
- Archibald, L.C.**, Sanderson, G. Electrodeposition of a white gold-indium alloy from an acid cyanide electrolyte 8-80482
- Archibald, N.J.** see Groves, D.I. 8-61418
- Archie, C.N.** see Halperin, W.P. 8-75904
- Arcisz, M.** Stability of fibre-reinforced prestressed elastic cylinder 8-79234
- Arculus, R.J.**, Johnson, R.W. Criticism of generalised models for the magmatic evolution of arc-trench systems 8-65241
- Arcuri, J.** see Peura, R.A. 8-61238
- Ard, J.S.**, Susi, H. Optimum sample concentration for resonance Raman spectra 8-66555
- Ardalan, A.** see Jacquemin, J.L. 8-60173
- Ardalan, F.** Classical solutions of SO(3,1) gauge theory 8-54550
- Ardasenov, M.N.** see Kol'tsov, V.V. 8-58049
- Ardeberg, A.**, Maurice, E. Galactic structure and star formation in the Carina spiral feature 8-89256
- Ardeberg, A.**, Maurice, E. On the origin of the morphological complexity of the Small Magellanic Cloud 8-89258
- Ardeberg, A.**, Virdefors, B. The influence of interstellar absorption on measured strengths of the Balmer discontinuity 8-89238
- Ardelean, I.** Semiconductor in $XF_eO_3(1-x)[3B_2O_3.PbO]$ glasses 8-95300
- Ardelean, I.** see Burzo, E. 8-72400, 8-84503
- Ardelean, P.**, Mercea, V. The influence of the internal energy of the primary ions in the elimination of H and D atoms by dissociative charge transfer reactions in the systems $CH_4^+-CH_4$ and $CH_4^+-CH_2D_2$ 8-85141
- Ardell, A.J.** see Chen, L.J. 8-79644
- Ardill, R.W.B.**, Moriarty, K.J.M. Spherical Bessel functions j_n and y_n of integer order and real argument 8-89321
- Ardisson, G.** Intensities of γ rays associated with the decay of ^{140}La 8-58534
- Ardisson, G.** see Genoux-Lubain, A. 8-74342
- Arditi, M.** see Hirano, I. 8-74940
- Ardizzone, S.** see Visca, M. 8-85168
- Ardonceanu, J.** see Zuppiroli, L. 8-60113
- Ardouin, D.** Spectroscopy of transitional nuclei in the N=40 region (Ge) by means of transfer reactions 8-86480
- Ardran, G.M.**, Nolan, D.J., Gear, J.S.S., Fursdon, P.S., Brodribb, A.J.M. X-ray dose received by patients in a population survey for colonic diverticular disease 8-61259
- Ardron, K.H.** A two-fluid model for critical vapour-liquid flow 8-90973
- Ardron, K.H.**, Duffey, R.B. Acoustic wave propagation in a flowing liquid-vapour mixture 8-90972
- Arecchi, F.T.**, Politi, A. Optical bistability in a resonant two-photon absorber 8-90448
- Aref'ev, K.M.**, Remarchuk, B.F., Galkin, A.I. Diffusion of mercury vapour in gases 8-79403
- Aref'ev, K.P.**, Lisitsyn, V.M., Starodubov, V.G., Kalinin, M.I. Charge transitions of rare earth ions in CaF₂ studied by positron spectroscopy 8-92143
- Aref'ev, K.P.**, Prokop'ev, E.P. Thermalization of positrons in atomic semiconductors 8-84170

- Aref'ev, K.P.**, Vorob'ev, S.A., Prokop'ev, E.P., Etin, G.I. Anisotropy of momentum distribution of electrons in semiconductors from positron annihilation data 8-84676
- Aref'eva, I.Ya.** Elimination of divergences in a model of the three-dimensional n-field 8-54567
- Arefiev, K.P.**, Arefiev, V.P., Vorobiev, S.A. Irradiation damage of alkali halide crystals during positron bombardment 8-63791
- Arefiev, K.P.**, Tsoi, A.A., Vorobiev, S.A. Influence of high-temperature annealing on positron annihilation in electron-irradiated silicon 8-76552
- Arefiev, V.P.** see Arefiev, K.P. 8-63791
- Aref'yev, K.M.**, Borishanskii, V.M., Ivashchenko, N.I., Fishman, N.M., Khomchenkov, B.M., Remarchuk, B.F. Heat and mass transfer in the condensation of alkali-metal vapors from gas flows 8-75192
- Arell, A.**, Kolari, S. Experiments on a model eye 8-62003
- Arellano, M.E.**, Pinatti, D.G., Donoho, P.L. Magnetoelastic interactions in holmium 8-64252
- Arena, N.**, Cavallaro, S., Potenza, R., D'Amico, V., Fazio, G., Femino, S., Giardina, G., Jannelli, S. Prevalence of the ^8Be formation in the $^7\text{Li}(d, \alpha n)$ reaction at $E_d = 7.0$ MeV 8-82357
- Arena, N.**, Vinciguerra, D., Lattuada, M., Riggi, F., Spitaleri, C. Energy dependence of the quasi-free $^7\text{Be}(^4\text{He}, \alpha\alpha)^4\text{He}$ reaction near the Coulomb barrier 8-74381
- Arend, H.**, Kanel, H.v., Wachter, P. Magneto-optical measurements on the layer type magnet $\text{ND}_3\text{-(CH}_2)_2\text{-ND}_3\text{CuCl}_4$ 8-68483
- Arend, H.** see Arriandiaga, M.A. 8-75804
- Arend, H.** see Brinkmann, D. 8-83949
- Arend, H.** see Fluckiger, U. 8-60564
- Arend, H.** see Peraudeau, G. 8-92036, 8-92037
- Arend, H.** see Reimann, H. 8-56373
- Arendse, M.C.** Magnetic field detection is distinct from light detection in the invertebrates *Tenebrio* and *Talitrus* 8-77073
- Arendt, F.**, Dustmann, C.-H., Friesinger, G., Evans, D. An approach to the modelling of the TESPE coils for FEM calculations 8-50376
- Arenhovel, H.**, Drechsel, D., Weber, H.J. Electronuclear sum rules 8-89806
- Arenhovel, H.**, Kim, Y.E., Craver, B.A., Fabian, W., Saylor, D.P. Quasi-elastic electron-deuteron scattering and the electric form factor of the neutron 8-82210
- Arenhovel, H.** see Heinze, W. 8-66221
- Arenhovel, H.** see Horlacher, G. 8-66226
- Arenstorf, R.F.** Periodic solutions of circular-elliptic type in the planar N-body problem 8-93083
- Arenstorf, R.F.**, Cohen, J.M., Kegeles, L.S. Electromagnetic radiation near black holes and neutron stars 8-53978
- Areshev, M.P.** see Galakhov, F.Ya. 8-88451
- Arfaei, H.** A physical interpretation of the instanton degrees of freedom 8-62312
- Argan, P.**, Audit, G., Bloch, A., Bosted, P., de Botton, N., Faure, J.L., Schuhl, C., Tamas, G., Tzara, C., Vincent, E., Deutsch, J., Favart, D., Priels, R., Van Oystaeyen, B. Measurement of π^0 photoproduction in deuterium near threshold 8-82333
- Argan, P.E.**, Audit, G., Bloch, A., Faure, J.L., Laget, J.M., Martin, J., Tamas, G., Vincent, E. Reaction $D(\gamma, pp)\pi^0$ for high values of the emitted nucleon momenta 8-70512
- Argay, G.** see Simon, P. 8-91272
- Arghir, G.**, Kuczynski, G.C., Miller, A.E. Sintering of SmCo_5 8-84738
- Argon, A.S.**, Hannoosh, J.G., Salama, M.M. Initiation and growth of crazes in glassy polymers 8-60767
- Argon, A.S.** see Lau, C.W. 8-60732
- Argue, A.N.**, Riley, J.M., Pooley, G.G. Radio and optical observations of the galaxy 3C 293 8-93418
- Arguello, R.J.** Reconstruction spots for digital sampled images 8-63034
- Argunov, V.A.**, Zakharov, V.V., Ioilev, G.F., Chekhunov, E.V. Volt-ampere characteristic and transition current of a gas gap when acted upon by pulsed ionizing radiation 8-51377
- Argyle, B.E.**, Kryder, M.H., Mundie, R.E., Slonczewski, J.C. Mobility of a charged wall coupled to a bubble 8-95495
- Argyle, E.** Chance and the origin of life 8-69269
- Argyris, J.H.**, Doltisins, J.St., Kleiber, M. Incremental formulation in nonlinear mechanics and large strain elasto-plasticity—natural approach. II 8-77692
- Argyris, J.H.**, Dunne, P.C., Malejannakis, G., Scharpf, D.W. On large displacement-small strain analysis of structures with rotational degrees of freedom 8-89310
- Argyris, J.H.**, Dunne, P.C., Scharpf, D.W. On large displacement-small strain analysis of structures with rotational degrees of freedom 8-86161
- Arhan, J.** see Plougonven, C. 8-67723
- Arhan, M.**, Ezraty, R. Statistical relations between successive wave heights 8-73396
- Ariciuc, M.**, Soos, E. Continuous and discrete models of molecular crystals with complex structure 8-51625
- Arie, E.**, Lacome, N., Arcas, P. On the transition moment of the CO_2 $40^1_{11}\text{-}00^0$ band near 7740 cm^{-1} 8-90224
- Arie, E.** see Arcas, P. 8-58868
- Ariel, M.** see Daw, N.W. 8-56972
- Arieli, A.**, Bar-Cohen, Y., Blas, A. The effect of high temperature oxidation on the eddy current conductivity of Ti-6Al-4V alloy 8-76770
- Arienti, F.** see Antonello, E. 8-18687
- Arifov, U.A.**, Abcullaev, N., Daminova, M.M., Khasanov, U. Residual conductivity of $\text{Bi}_2\text{Te}_3\text{-Sb}_2\text{Te}_3$ thin films 8-52110
- Ariga, M.** see Mizuno, M. 8-53044
- Ariga, S.**, Ahlborn, B. Continuously variable filter for iodine lasers 8-55397
- Arigo, R.**, Czuhai, K., Hubbard, E., Noerdlinger, P., Wisner, K. Binary galaxy statistics. II. Observed axis ratios and position angles for galaxies in pairs 8-93430
- Arijs, E.** see Ingels, J. 8-77370
- Arijs, E.** see Nevejan, D. 8-93661
- Arik, M.**, Williams, P.G. Elastic and inelastic effects in proton-proton scattering from states of pure spin 8-62453
- Arima, A.**, Otsuka, T., Iachello, F., Scholten, O., Talmi, I. Nuclear shell model and collectivity 8-54672
- Arima, A.** see Otsuka, T. 8-62493, 8-74315
- Arima, A.** see Tomoda, T. 8-78279
- Arima, I.**, Watanabe, T. Study of predischARGE phenomena in needle to plane electrode geometry 8-67583
- Arima, J.** see Iwai, Y. 8-64620
- Arimitsui, T.**, Suzuki, M. Scaling theory of laser radiation in the transient unstable region 8-94384
- Arimondo, E.**, Glorieux, P. The observation of transients in a CO_2 or N_2O IR laser by modulation of an intracavity absorber 8-74933
- Arimondo, E.**, Glorieux, P., Oka, T. Radio frequency spectroscopy inside a laser cavity; 'pure' nuclear quadrupole resonance of gaseous CH_3I 8-66569
- Arimondo, E.**, Glorieux, P., Oka, T. Observation of infrared Lamb dips in separated optical isomers 8-90197
- Arimondo, E.**, Glorieux, P., Oka, T. RF spectroscopy in a laser cavity: 'pure' nuclear quadrupole spectra 8-90320
- Arimoto, H.** Design, construction and characteristics of blood gas sampler for gas chromatograph and a few applications 8-85458
- Arinkin, F.M.**, Batorybekov, G.A. Local control of profile and magnitude of energy release of loop channels 8-86645
- Arinkin, S.M.**, Konyukh, L.A., Yurevich, F.B., Yatskevich, G.M. Attenuation of radiant energy with gas-dust flows 8-94579
- Arino, H.**, Skrab, W.J., Kramer, H.H. A new $^{68}\text{Ge}/^{68}\text{Ga}$ radioisotope generator system 8-78536
- Arino, H.** see Skrab, W.J. 8-78535
- Aris, R.** see Chan, C.-M. 8-60022
- Arisawa, M.** Moire contouring by means of virtual moving gratings 8-73968
- Arista, N.R.** Energy loss of correlated charges in an electron gas 8-87729
- Aristarain, A.** see Delmas, R. 8-81259
- Aristodemo, M.** see Casciari, R. 8-79244
- Aristov, A.V.**, Danilov, V.V., Denisov, L.K., Levin, M.B., Makarov, V.N. Lasing of ketocyanine dyes under lamp excitation 8-82964
- Aristov, A.V.**, Kozlovskii, D.A., Levin, M.B., Cherkasov, A.S. Correspondence between the calculated and experimental generated power of flashtube-pumped rhodamine lasers 8-50772
- Aristov, A.V.**, Kozlovskii, D.A., Staselko, D.I., Strigun, V.E. Spatial coherence of the emission of a rhodamine-6G water-solution laser in an unstable cavity with lamp pumping 8-82963
- Aristov, E.M.**, Taratorkin, B.S. Investigation of metrological characteristics of modern laser flowmeters 8-75238
- Aristov, V.V.**, Polovinkina, V.I., Shmyt'ko, I.M., Shulakov, E.V. Observation of focusing of X-rays diffracted by a perfect crystal 8-75500
- Aristov, V.V.** see Korolev, M.V. 8-70108
- Aristov, V.Yu.**, Fradkov, V.E., Shvindlerman, L.S. Interaction of moving grain boundaries with the crystal surface 8-67721
- Aristova, I.M.** see Myshlyaev, M.M. 8-52934
- Ariseue, H.**, Bando, M., Torii, T. Single channel dominance in the decays of the resonances above charm threshold in e^+e^- annihilation 8-66133
- Arita, M.** see Maslov, L.I. 8-68804
- Ariyaratne, T.R.**, Breare, J.M., Stubbs, R.J. Some properties of a gridded drift chamber for X-ray detection 8-70694
- Ariyaratne, T.R.** see Al-Dargazelli, S.S. 8-82575
- Arizmendi, L.** see Pascual, J.L. 8-95604
- Arkaton, Yu.M.**, Vatsat, P.I., Voloshchuk, V.I., Gur'ev, V.N., Azdenko, V., Prokhoret, I.M. ^4He electrical quadrupole resonance studies by means of reaction $^4\text{He}(\gamma, d)^3\text{H}$ 8-66264
- Arkell, D.R.**, Williams, T.M. Void-swelling in FV607 ferritic steel. I. Irradiation with 1 MeV electrons 8-71762
- Arkhangel'skaya, V.M.** The fields of the principal mode and harmonics of Rayleigh surface waves from earthquakes of various focal depths 8-61351
- Arkhangel'skii, I.V.** see Chernova, N.A. 8-92446
- Arkhangel'skii, A.Ya.** Synthesis of models for the transport and accumulation of charge carriers in a semiconductor 8-87975
- Arkharov, V.I.**, Kisun'ko, V.Z., Novokhatskii, I.A., Khalievskii, V.P. Effect of various impurities on the viscosity of molten iron 8-95172
- Arkhinov, V.I.** see Maslov, L.A. 8-87305
- Arkhipenko, A.V.** see Algazin, Yu.B. 8-49885
- Arkhipenko, D.K.**, Bokii, G.B. On the possibility of space group refinement by vibrational spectroscopy methods 8-79507
- Arkhipenko, Yu.V.** see Kagan, V.Ye. 8-69025
- Arkhipkin, V.G.**, Popov, A.K., Timofeev, V.P. Difference-frequency conversion of $\lambda = 1.06\text{ }\mu\text{m}$ Nd:YAG laser radiation in two-photon dye-laser resonantly pumped Rb vapor 8-50854
- Arkhipkin, V.G.**, Popov, A.K., Timofeev, V.P. Upconversion of $\lambda = 3.39\text{ }\mu\text{m}$ He-Ne laser radiation in two-photon resonantly pumped Na vapor 8-55409
- Arkhipov, A.A.**, Savrin, V.I. Behavior of inclusive cross sections in the region of large transverse momenta and singularity of the interaction 8-54661
- Arkhipov, G.A.**, Golukov, E.G., Dvinyaninov, B.L., Zol'nikov, P.P., Kovyazin, Yu.A., Sukhanova, K.A. Using scattered gamma radiation for detecting subsurface defects in metal 8-85104
- Arkhipov, R.G.**, Kaganova, I.M. Optimisation of the elastic strain distribution over contacting surfaces 8-49847
- Arkhipov, S.M.**, Legkikh, N.V., Malkin, B.Z., Sherstkov, Yu.A. Electric field effect in ligand electron-nuclear double resonance cubic centers in the $\text{CaF}_2\text{:Gd}^{3+}$ crystal 8-60357
- Arkhipov, V.E.** see Karkin, A.E. 8-52142
- Arkhipov, V.I.**, Maslov, L.A. Experimental investigation of the dynamics of growth of brittle fractures 8-83347
- Arkhipov, V.I.** see Rudenko, A.I. 8-80279
- Arkhipov, V.P.**, Gaisin, N.K., Samigullin, F.M. High pressure system for nuclear magnetic resonance spin-echo apparatus 8-58002
- Arkhipov, V.V.** see Andreev, A.I. 8-82059
- Arkhipov, V.V.** see Deev, V.I. 8-87383, 8-90983
- Arkhipov, Yu.N.** see Vasil'eva, R.B. 8-76043
- Arkhipova, O.K.** see Slastinin, S.P. 8-88609
- Arkhipova, V.P.**, Dokuchaeva, O.D. The continuum of HM Sagittae 8-69814
- Arkhipova, V.P.**, Esipov, V.F. Study of the H II region NGC 5471 in the galaxy M101 8-93426
- Arko, A.J.**, Koelling, D.D. de Haas-van Alphen effect and the band structure of UGe_3 8-72068
- Arko, A.J.**, Lowndes, D.H., Muller, F.A., Roeland, L.W., Wolfrat, J., van Kessel, A.T., Myron, H.W., Mueller, F.M., Webb, G.W. de Haas-van Alphen effect in the high- T_c A15 superconductors Nb_3Sn and V_3Si 8-75985
- Arkovenko, G.I.**, Grekov, N.A., Sazonova, T.N. Heat treatment of large forgings of titanium alloy VT3-1 8-52864
- Arlauskas, K.** see Juska, G. 8-87985
- Arlinghaus, F.J.** see Smith, J.R. 8-95329
- Arlt, G.** The sensitivity of strain gauges 8-77900
- Armbruster, P.** Experiments with heavy ions at UNILAC 8-66435
- Armbruster, P.** see Behncke, H.-H. 8-94316
- Armbruster, R.** see Ndocko-Ndongue, V.B. 8-55093
- Armbruster, Th.** New solid solution series between rocksalt and spinel structure 8-51513
- Armenise, M.N.**, De Sario, M. Propagation in multi-layer optical waveguides 8-50904
- Armenise, N.** Channel separation using the transversity parameter in the $\pi^+\text{n} \rightarrow \pi^+\pi^-\pi^0$ reaction at 9 GeV/c 8-74273
- Armenise, N.** see Alibrán, P. 8-50026
- Armenteros, R.** see Dionisi, C. 8-89735

- Armenteros, R.** see Kluyver, J.C. 8-82233
- Armi, L.** Some evidence for boundary mixing in the deep ocean 8-73388
- Armiento, C.A.** see Fonstad, C.G. 8-68078
- Armitage, B.H.,** Hughes, J.D.H., Whitmell, D.S., Tait, N.R.S., Tolfree, D.W.L. The enhancement of the lifetime of carbon stripper foils under heavy ion bombardment 8-94156
- Armitage, I.M.,** Uiterkamp, A.J.M.S., Chlebowski, J.F., Coleman, J.E. ^{113}Cd NMR as a probe of the active sites of metalloenzymes 8-68999
- Armitage, S.A.,** Eastham, D.A. The optical properties of a double focusing bending magnet measured with a thin alpha source 8-55073
- Armogán, L.** see Boerio, F.J. 8-84555
- Armon, H.,** Weinman, J., Weinstein, D. A vaginal photoplethysmographic transducer 8-92733
- Armour, D.G.** see Van Den Berg, J.A. 8-70673
- Armour, E.A.G.** Justification of the absence of a positron-hydrogen-atom bound state 8-82871
- Armour, E.A.G.,** Schrader, D.M. Low-energy S-wave phaseshifts for positron-hydrogen elastic scattering using an adiabatic approximation 8-78813
- Armstead, R.L.** see Crittenden, E.C., Jr. 8-85695
- Armstrong, B.** see Bricman, C. 8-66179
- Armstrong, B.H.** see Hui, A.K. 8-57873
- Armstrong, C.,** Wright, A. The influence of ventilation upon the temperature of a heated, horizontal cylinder in an enclosure 8-94705
- Armstrong, C.M.** see Yeh, J.Z. 8-61154
- Armstrong, D.A.** see Buchanan, J.D. 8-77000
- Armstrong, D.A.** see Clement, J.R. 8-53344
- Armstrong, G.,** Greenberg, A.S., Sites, J.R. Very low temperature thermal conductivity and optical properties of Stycast 1266 epoxy 8-55992
- Armstrong, J.** see Nowak, R.J. 8-78213
- Armstrong, J.A.** see Esherick, P. 8-82703, 8-86973
- Armstrong, J.R.** see Lambert, J.D.B. 8-70588
- Armstrong, L., Jr.** Relativistic effects in highly ionized atoms 8-74588
- Armstrong, L., Jr.,** Beers, B.L. Model calculation of resonant multiphoton ionization 8-62773
- Armstrong, P.** see James, P.F. 8-88440
- Armstrong, R.,** Davies, S. Chemiluminescent studies of the $\text{A}^2\Sigma^+$ and $\text{a}^2\Sigma^-$ states of SiF 8-66816
- Armstrong, R.** see Sekuler, R. 8-56988
- Armstrong, R.A.,** Davis, S.J. Rate coefficient for the reaction $\text{Si} + \text{F}_2 \rightarrow \text{products}$ 8-80723
- Armstrong, R.D.,** Metcalfe, A.A. Two-dimensional nucleation and growth—double potential pulse response 8-51841
- Armstrong, R.L.** Nuclear quadrupole relaxation and structural phase transitions 8-76344
- Armstrong, R.L.** Line parameter variations and the profile dependence of atmospheric transmittance 8-77322
- Armstrong, R.L.** Relative velocities and the runner 8-86072
- Armstrong, R.L.,** Mintz, D., Powell, B.M., Buyers, W.J.L. Ferrorotative transition in the antiferroelectric crystal K_2OCl_6 8-51673
- Armstrong, R.R.** see Fuchs, H.V. 8-94675
- Armstrong, R.W.** Grain size: the fabric of (brittle) fracture of polycrystals 8-80651
- Armstrong, R.W.,** Wu, C.C. Lattice misorientation and displaced volume for microhardness indentations in MgO crystals 8-64617
- Armstrong, R.W.** see Stonesifer, F.R. 8-60780
- Armstrong, S.A.,** Gough, P.T. Investigations of errors in sample autocorrelation functions and their corresponding power spectra 8-63018
- Armstrong, S.A.,** Thompson, B.J. Comparison of coherent and incoherent optical spectrum analysis techniques in image evaluation 8-63031
- Armstrong, S.A.,** Thompson, B.J. Comparison of coherent and incoherent optical spectrum analysis techniques in image evaluation 8-78928
- Armstrong, T.A.,** Frame, D., Hughes, I.S., Kumar, B.R., Lewis, G.M., Macallister, J.B., McCormick, J.W.P., Sleeman, J.C., Smith, K.M., Stewart, D.T., Turnbull, R.M., Bienlein, J.K. Evidence for a narrow resonant state with strangeness +1 and charge +2 8-89744
- Armstrong, W.E.** Charge to voltage converter [for ionisation dosimeters] 8-78505
- Armstrong, W.T.** Stimulated Brillouin backscatter detection from a θ -pinch plasma 8-67359
- Arnyanov, S.,** Maksimov, M. Structure, internal stress and magnetic properties of electrodeposited Co-Ni alloys 8-95471
- Arnal, D.** Nuclearity of some spaces of C^∞ vectors in induced representations 8-86422
- Arnal, T.,** Ganivet, M., Dumesnil, P., Edeline, J.C. An application of neutrons detection in fuels fabrication and reprocessing plants 8-66362
- Arnason, B.** The hydrogen-water isotope thermometer applied to geothermal areas in Iceland 8-69384
- Arnason, B.** Hydrothermal systems in Iceland traced by deuterium 8-69386
- Arnau, J.L.** see Trevino, S.F. 8-67782
- Arnaud, J.** Use of principal mode numbers in the theory of microbending 8-94434
- Arnaud, J.,** Rousseau, M. Ray theory of randomly bent multimode optical fibres 8-79129
- Arnaud, J.** see Rousseau, M. 8-66921
- Arnaud, J.A.** Numerical evaluation of the impulse response of multimode optical fibers 8-59127
- Arnautov, G.P.** see Bulanzhe, Yu.D. 8-69274
- Arnberg, L.,** Westman, S. Crystal perfection in a non-centrosymmetric alloy. Refinement and test of twinning of the $\gamma\text{-Cu}_3\text{Al}_4$ structure 8-55834
- Arndt, D.** see Nack, P. 8-53529
- Arndt, H.,** Schmidt, G., Ivanov, N.R., Shulvalov, L.A. Electrooptic switching anomalies in ferroelectric TGS 8-52473
- Arndt, R.** Effects of recent measurements on phase shift analysis of nucleon-nucleon scattering 8-62425
- Arndt, R.** see Kindel, E. 8-67487
- Arndt, R.E.A.,** Fuchs, H.V., Michel, U. Laboratory study of jet-noise suppressors 8-59193
- Arndt, U.W.** Phase determination in X-ray crystallography by anomalous scattering techniques 8-67618
- Arndt, U.W.** Counting losses of detectors for X-rays from storage rings 8-86752
- Arndt, W.B.** see Shelton, R.L. 8-65060
- Arnell, S.-E.** see Barker, J.H. 8-82311
- Arnesen, A.** see Alvarez, E. 8-78666
- Arneson, S.H.** see Rosenfeld, R.C. 8-59246
- Arnett, D.W.** Development of modular laboratory equipment for instruction in biomedical instrumentation 8-89283
- Arnit, M.A.** see Artyukh, Yu.N. 8-77867
- Arnold, B.A.,** Bjarnagard, B.E., Eisenberg, H. Reciprocity law failure in green sensitive X-ray films 8-69199
- Arnold, E.** Comment on the frequency dependence of electron conductivity in the silicon inversion layer in the metallic and localized regimes 8-72270
- Arnold, F.,** Bohringer, H., Henschen, G. Composition measurements of stratospheric positive ions 8-88877
- Arnold, F.,** Henschen, G. First mass analysis of stratospheric negative ions 8-96274
- Arnold, G.,** Petermann, K. Self-pulsing phenomena in (GaAl)As double heterostructure injection lasers 8-66827
- Arnold, G.,** Petermann, K., Russer, P., Berlec, F.-J. Modulation behaviour of double heterostructure injection lasers with coherent light injection 8-55352
- Arnold, G.B.** Theory of tunneling in superconductors 8-68121
- Arnold, H.J.P.** METEOSAT. Europe's first weather satellite 8-53785
- Arnold, H.W.** see Cox, D.C. 8-73492
- Arnold, J.L.** Heat treatment protects steel alloys from hot gases 8-68836
- Arnold, J.O.,** Langhoff, S.R. A theoretical study of the electronic transition moment for the C_2 Swan band system 8-58746
- Arnold, K.** The spherical-harmonics expansion of the gravitational potential of the Earth in the external space and its convergence 8-81097
- Arnold, L.G.,** Bagchi, B., Mulligan, B. Comparison of two-term separable A-N potentials 8-66239
- Arnold, L.N.** A balloonborne acoustic sounder 8-57353
- Arnold, M.** see Buat-Menard, P. 8-61491
- Arnold, M.E.** Beam forming with vibrator arrays 8-61338
- Arnold, R.G.,** Chertok, B.T., Rock, S., Schutz, W.P., Szalata, Z.M., Day, D., McCarthy, J.S., Martin, F., Mecking, B.A., Sick, I., Tamas, G. Elastic electron scattering from ^3He and ^4He at high momentum transfer 8-62521
- Arnold, S.J.,** Kimbrell, G.H. Deactivation of HF ($\nu=1,2$) by fluoroethylenes 8-50615
- Arnold, T.H.** see Swanson, B.I. 8-74631
- Arnoldy, R.L.** see Morgan, B.G. 8-57386
- Arnon, O.,** Baumeister, P. Versatile high-precision multiple-pass reflectometer 8-93754
- Arnorsson, S.,** Gronvold, K., Sigurdsson, S. Aquifer chemistry of four high-temperature geothermal systems in Iceland 8-96245
- Arnott, J.A.** see Schey, J.A. 8-60727
- Arnotte, F.** see Liskien, H. 8-78372
- Arnould, M.** see Starrfield, S. 8-57555
- Arntz, H.-R.** see Leonhardt, H. 8-57031
- Arntzenius, A.C.** see Vinke, R.V.H. 8-85302
- Aroca, R.,** Mercu, N., Robinson, E.A. On the selection of sign for the observable dipole moment derivatives 8-66682
- Arodz, H.** Classical particle in external Yang-Mills field and SU(2) coherent states 8-74150
- Arodz, H.** Solutions of Yang-Mills equations with external sources 8-89624
- Aron, M.** On the physical meaning of a uniqueness condition in finite elasticity 8-57784
- Arone, R.** On the dynamic fracture toughness determination by instrumented impact tests 8-68861
- Aronishidze, S.N.** see Chilaya, G.S. 8-79529
- Aronov, A.G.** see Al'tshuler, B.L. 8-68010
- Aronov, B.I.,** Kotetishvili, V.G. Excitation of quasilongitudinal waves in a magnetized plasma waveguide by a beam of finite transverse velocity 8-87462
- Aronov, D.A.,** Knigin, P.I., Korolev, Yu.S., Torosyan, S.V. Local carrier lifetimes in case of exclusion in compensated semiconductors 8-72253
- Aronov, V.,** Yahalom, J. Studies on the behaviour of copper during friction under electrolyte immersion conditions 8-64738
- Aronowitz, S.** Square Ising ferromagnetic and antiferromagnetic lattices in a magnetic field: A new perturbation approach 8-56336
- Arons, N.** see Scharlemann, E.T. 8-53970
- Arons, R.R.,** Bohn, H.G., Fischer, K.J., Lutgemeier, H. Quadrupole coupling in EuO due to lattice imperfections 8-76347
- Aronson, E.V.,** Bida, G.V., Kamardin, V.M., Mikheev, M.N. Magnetic inspection of the mechanical properties of heavy-gauge rolled stock 8-72973
- Aronson, E.V.,** Bida, G.V., Kamardin, V.M., Mikheev, M.N., Poner, D.M. Effect of the temperature at the end of rolling and the reduction on the mechanical properties and coercive force of 3sp steel 8-72799
- Aronson, E.V.,** Bida, G.V., Kamardin, V.M., Mikheev, M.N., Poner, D.M. Magnetic testing of the mechanical properties of rolled 20K and 09G2 steel sheet 8-72972
- Aronson, M.P.,** Princen, H.M. Shape of a meniscus in a rotating vertical tube 8-51797
- Aronsson, R.,** Knape, H.E.G., Torell, L.M. Brillouin scattering and refractive index measurements in molten Li_2SO_4 8-68523
- Arora, A.** see Tendler, M. 8-59618
- Arora, D.,** Turner, J.E. Theoretical method for solving a two-level collision system 8-62893
- Arora, J.S.** see Haug, E.J. 8-90706
- Arora, P.K.,** Kulkarni, P.B., Vohra, K.G. A portable continuous monitor for ambient ozone 8-96310
- Arora, R.K.,** Wait, J.R. Refraction theories of radio wave propagation through the troposphere—a review 8-69425
- Arora, S.K.** see Allawadhi, K.L. 8-58636, 8-74606
- Arora, S.K.** see Sangwal, K. 8-85014
- Arora, S.S.,** Parsons, R.J., Kelso, I. A flexible approach for on-line computerized quantification of intra-uterine pressure data 8-85424
- Arora, V.K.** Quantum theory of electrical conductivity 8-84181
- Arora, V.M.** see Puri, B.R. 8-95225
- Arora, V.P.,** Agarwal, V.K., Mansingh, A. Dielectric behavior of solid phase OHMBBA 8-72456
- Arora, V.P.** see Agarwal, V.K. 8-60390
- Aroyan, A.A.** see Agababyan, K.Sh. 8-71421
- Arpent'ev, B.M.** see Andreev, G.Ya. 8-85055
- Arponen, J.** Exact high-density results for the positron correlation energy and annihilation rate in a homogeneous electron gas 8-92142
- Arquilla, R.** see Koch, R.H. 8-57575
- Arrawatia, M.L.** see Gupta, P.C. 8-64320
- Arrese-Boggiano, R.** see Chappert, J. 8-52401
- Arrhenius, G.,** Fitzgerald, R., Markus, S., Simpson, C. Isotope fractionation under simulated space conditions 8-73623
- Arri, E.,** Pogliano, U., Righini, G. Micro-processor controlled potentiometric system for nanovolt measurements 8-89502
- Arriandiaga, M.A.,** Tello, M.J., Fernandez, J., Arend, H., Roos, J. Calorimetric study of order-disorder phase transitions in long-chain $(\text{C}_6\text{H}_{2n+1}\text{NH}_2)_2\text{CuCl}_2$ compounds 8-75804
- Arriandiaga, M.A.** see Fernandez, J. 8-79583
- Arribart, H.,** Sapoval, B. Fast ion transport at room temperature in the mixed conductor Cu_3VS_2 8-72214
- Arridge, R.G.C.,** Barham, P.J. A fibre composite model of drawn crystalline polymers 8-76719
- Arrington, D.C.,** Eisenman, W.L. LWIR detector behaviour at very low frequencies 8-81542
- Arrington, M.** Some industrial applications of acoustic emission monitoring 8-68850
- Arrott, A.S.,** Heinrich, B. A-C response of ideally soft magnetic metals 8-64223
- Arrott, A.S.** see Heinrich, B. 8-68258
- Arrott, A.S.** see Press, M.J. 8-71670
- Arsae, I.E.,** Starokon', V.I. Conversion of a Gaussian beam in an inhomogeneous plasma 8-67364
- Arsalane, M.,** Tosser, A. Photovoltaic effects in zinc sulphide thin films under illumination from above and below 8-52031
- Arsenault, D.R.** see Das, P. 8-60969

- Arsenault, L.** see Campbell, W.J. 8-81173
- Arsenault, R.J.** Thermally-activated motion of a group of dislocations 8-87669
- Arsenault, R.J.,** Kuo, C.T.K. Multiple dislocation motion 8-51541
- Arsene, J.** see Lerebours, B. 8-51461
- Arsenev, P.A.,** Bagdasarov, Kh.S., Fenin, V.V. Spectroscopy of rare-earth elements in single-crystal films of yttrium-aluminium garnets (YAG) 8-64408
- Arsenev, P.A.,** Bagdasarov, Kh.S., Senff, I., Potemkin, A.V. The search for prospective media for the application as active laser elements 8-63160
- Arsenev, P.A.** see Antonov, V.A. 8-51948
- Arsen'ev, V.A.,** Matveev, I.N., Ustinov, N.D. Nanosecond and microsecond pulse generation in solid-state lasers 8-71130
- Arseniev, A.S.** see Bystrov, V.F. 8-88694
- Arsenin, V.V.,** Chuyanov, V.A. Suppression of plasma instabilities by the feedback method 8-63564
- Arsenin, V.Ya.,** Ziyabrev, N.B., Kudryashev, N.A. Analysis of reverse cases of convective diffusion and adsorption of radioactive gas in a porous medium 8-87387
- Arsent'ev, N.S.** see Bekeshko, N.A. 8-49837
- Arsen'yan, T.I.,** Semenov, A.A., Tishchenko, A.A. System for two-dimensional image transmission through a randomly inhomogeneous medium 8-50706
- Arshavskii, Yu.L.,** Berkinblit, M.B., Gel'fand, I.M., Yakobson, V.S. Formula for analysing the histograms of interpulse intervals of Purkinje cells 8-96042
- Arslambekov, V.A.,** Safarov, A. Some details of the mechanism and kinetics of silicon oxidation 8-95833
- Arslanov, R.A.** see Likhtsinder, M.Ya. 8-70156
- Arstila, M.** see Antila, K.-J. 8-85430
- Art, A.** see Hou, M. 8-51575
- Artamonov, E.V.** see Uteshev, M.Kh. 8-82024
- Artamonov, V.M.** Universal 18-channel light-beam oscilloscope H117/1 8-70105
- Artemenkov, L.L.,** Grodzinski, E.V., Ivanov, N.V., Kakurin, A.M., Svishchev, V.S. Experiments on control of the plasma concentration in TO-1 Tokamak 8-91160
- Artemenkov, L.L.,** Ivanov, N.V., Kakurin, A.M., Chudnovskii, A.N. The effect of a high-frequency current in a helical winding on the discharge in the TO-1 Tokamak 8-87485
- Artemenkova, L.V.,** Bachurin, A.V., Kamyshenko, V.D., Kovalenko, V.V., Saksee'v, E.K., Sotnikov, N.D. Equipment for monitoring gaseous and liquid radioactive waste 8-89998
- Artem'ev, V.P.,** Makarov, V.V., Chernyshev, I.V. Experimental investigations of energy dissipation in electron bombardment of the solids 8-87732
- Artem'ev, V.V.** see Ovsienko, A.K. 8-49824
- Artemov, K.P.,** Goldberg, V.Z., Petrov, I.P., Rudakov, V.P., Serikov, I.N., Timofeev, V.A., Volski, R., Shmider, Ya. α -cluster states of ^{17}O observed in reaction $^{13}\text{C}(^6\text{Li}, d)^{17}\text{O}(\alpha)^{13}\text{C}$ 8-86486
- Artemova, O.A.** see Orient, I.M. 8-61104
- Artemyev, A.N.,** Kabannik, V.A., Kazakov, Yu.N., Kulipanov, G.N., Meleshko, E.A., Sklyarevskiy, V.V., Skrin'sky, A.N., Stepanov, E.P., Khlestov, V.B., Chechin, A.I. Utilization of the specific characteristics of synchrotron radiation in experiments of the ^{57}Fe Mossbauer level excitation 8-66447
- Arthur, A.A.** see Franck, J.V. 8-66395
- Arthur, C.W.,** McPherron, R.L., Lanzerotti, L.J., Webb, D.C. Geomagnetic field fluctuations at synchronous orbit. I. Power spectra 8-96358
- Arthur, C.W.** see Lanzerotti, L.J. 8-96359
- Arthur, L.,** Read, A., Man Wong, Recsor, G.E. Displacement of an electromagnetic beam upon reflection from a dielectric slab 8-62973
- Arthur, R.G.,** Singhal, R.P., Brain, S.W., Gillespie, W.A., Johnston, A., Lees, E.W., Macauley, M.W.S. Vibrational states in ^{108}Pd studied by elastic and inelastic electron scattering 8-62520
- Arthur, R.G.** see Knight, E.A. 8-58525
- Arthur, R.G.** see Singhal, R.P. 8-62523
- Arthurs, A.M.** On variational principles and the hypercircle for boundary value problems 8-57749
- Arthurs, A.M.** see Anderson, N. 8-66999
- Artman, J.O.,** Charap, S.H. Ferromagnetic resonance in periodic domain structures 8-68386
- Artman, J.O.** see Charap, S.H. 8-68333
- Artsruni, A.A.** see Karagoyzyan, A.G. 8-68024
- Artun, O.** Determination of the lifetimes of the excited levels of ^{133}Cs using the retarded coincidence method 8-62507
- Artuz, I.** see Dickman, M. 8-88815
- Artyukh, A.G.,** Volkov, V.V., Gierlik, E., Gridnev, G.F., Mezentsev, A.N., Mikheev, V.L. Energy spectra of products with $Z \leq 38$ in the system $^{232}\text{Th} + ^{40}\text{Ar}$ (390 MeV) 8-89909
- Artyukh, V.S.,** Ryabov, B.P. Scintillation of ^{32}P 48, ^{32}S 273, and ^{32}Cl 295 at 25 MHz 8-65711
- Artyukh, Yu.N.,** Arnit, M.A., Gotlib, G.I., Zagurskii, V.Ya. Instrument for measuring time intervals to an accuracy of 2 nsec 8-77867
- Artyunyan, B.L.** see Vishnyakov, B.A. 8-92192
- Artyushkina, N.G.,** Evstrop'ev, K.K., Pronkin, A.A. The conductivity of alkali-free glasses in the $\text{BaO}-\text{BaX}_2-\text{P}_2\text{O}_5$ system ($\text{X}=\text{F}, \text{Cl}, \text{Br}$) 8-67862
- Artz, J.L.** see Dudek-Ellis, A. 8-82377
- Artzner, G.,** Leibacher, J., Vial, J.C., Lemaire, P., Gouttebroze, P. Simultaneous time-resolved observations of the H Ly, Mg k 2795 Å, and Ca K solar lines 8-93186
- Artzner, G.E.** see Lemaire, P. 8-93185
- Arundel, P.A.** see Bagnall, R.D. 8-81943
- Arushanov, S.Z.,** Bechuk, A.S., Gromov, D.A., Nechitailo, Y.S. Investigation of mechanism for formation of defective surface layer during abrasive working of brittle transparent materials 8-53007
- Arutyunyan, G.M.** Multiphoton absorption and tunnelling under the DQE 8-68073
- Arutyunyan, G.M.,** Dzhoty, A.P. Multiphoton Stark-effect in semiconductor in the presence of quantizing magnetic field 8-72541
- Arutyunyan, R.G.** see Egiyan, K.A. 8-56359
- Arutyunyan, S.L.** Nonlinear refractive index of a semiconductor under many-photon resonance conditions 8-90449
- Arutyunyan, V.M.,** Adonts, G.G., Papazyan, T.A., Sarkisyan, S.M., Arzumanyan, G.M., Meliksetyan, T.E. Spectral-angular distribution of resonance stimulated four-photon parametric scattering in three-level medium 8-71455
- Arutyunyan, V.M.,** Oganesyan, S.G. Stimulated diffraction effects on an aperture in non-transparent screen 8-71018
- Arutyunyan, G.A.** see Aleshin, Yu.D. 8-89732
- Arva, S.P.S.** Comparative effects of stability, baroclinity and the scale-height ratio on drag laws for the atmospheric boundary layer 8-73429
- Arvesen, J.C.** see Tyson, B.J. 8-81281, 8-81289
- Arvidson, R.E.,** Binder, A.B., Jones, K.L. The surface of Mars 8-61779
- Arvidsson, A.,** Magnusson, R., Matousek, M., Petersen, I. Computer controlled data acquisition in EEG analysis 8-57101
- Arvieux, J.** see Albanese, J.P. 8-54802
- Arvieux, J.** see Ingram, Q. 8-62579
- Arvieux, J.** see Jensen, J. 8-86552
- Arvieux, J.** see Pedroni, E. 8-66321
- Arya, K.,** Kanehisa, M.A., Balkanski, M., Jain, K.P. Interference effects in phonon and electronic light scattering from p-type silicon 8-60469
- Arya, V.K.,** Holden, H.D. Deconvolution of seismic data—an overview 8-53736
- Arzbaecher, R.** see Jenkins, J. 8-85426
- Arzbaecher, R.C.** see Collins, S. 8-81058
- Arzoumanian, E.** see Fulachier, L. 8-94667
- Arzumanyan, G.M.** see Arutyunyan, V.M. 8-71145
- Asaad, A.S.,** Khasan, S.M., Khromov, G.S. Observations of the planetary nebulae NGC 7027 and NGC 7293 at the Kottamia Observatory 8-61897
- Asada, H.** see Nakatao, T. 8-84612, 8-87662
- Asada, S.,** Sugano, S. A model calculation for studying the effects of electron transfer on shake-up satellites in transition-metal compounds 8-95650
- Asada, S.,** Tankada, S., Kodama, Y. Spectrochemical analysis with glow-discharge lamp 8-85262
- Asada, Y.** see Nozue, Y. 8-60733
- Asada, Y.** see Udaguchi, T. 8-64615
- Asaeda, T.,** Fujibayashi, K., Minami, S. Influence of polar intensity distribution of light source on MTF measurement 8-50723
- Asaeda, T.** see Yoshikawa, M. 8-84906
- Asahi, T.** see Wada, K. 8-71813
- Asahi, Y.** Flooding and flow reversal of two-phase annular flow 8-51230
- Asahina, T.** see Kosaka, M. 8-79976
- Asakavicius, J.,** Eva, V. On the problem of heat transfer in low-temperature heat pipes 8-94533
- Asako, Y.** see Nakamura, H. 8-75130
- Asakura, T.** see Imai, M. 8-87163, 8-90513
- Asakura, T.** see Ohtsubo, J. 8-66762
- Asakura, T.** see Yoshida, A. 8-55309, 8-66753
- Asakura, Y.,** Kikuchi, M., Uchida, S., Yusa, H. Deposition of iron oxide on heated surfaces in boiling water 8-58353
- Asakura, Y.** see Uchida, S. 8-74445
- Asama, K.** see Obokata, T. 8-64243
- Asama, K.** see Yamaguchi, K. 8-68321
- Asami, H.,** Nakayama, T., Chong, T., Itoh, N. Reaction rate constants of triplet excitons in naphthalene single crystals 8-80407
- Asami, K.** see Koga, M. 8-52951
- Asami, S.,** Ebina, A., Takahashi, T. Growth of $\text{ZnS}, \text{Se}_{1-x}\text{S}_x$ layers on ZnS and ZnSe substrates by a solid-state-diffusion technique 8-56578
- Asanaliyev, M.K.,** Engelsht, V.S., Samsonov, M.A., Zheenbaev, Z.Z. On the plasma flow structure of two-stream plasmatron 8-71556
- Asanaliyev, M.K.,** Zheenbaev, Zh.Zh., Samsonov, M.A., Engel'sht, V.S. Measuring acceleration of solid particle in plasma flow 8-94903
- Asano, A.** see Suzuki, R. 8-68319
- Asano, K.** see Shirakawa, K. 8-67072
- Asano, K.** see Shizuta, Y. 8-57876
- Asano, N.** see Asaoka, T. 8-78440
- Asano, S.,** Otsuka, R. Further discussion on the lattice hardening due to dissolved hydrogen in iron and steel 8-76656
- Asano, S.** see Ishida, J. 8-76222
- Asano, Y.** see Takahashi, T. 8-84917
- Asanov, G.S.** Structure of the scalar and electromagnetic fields in the tangent bundle of spacetime with absolute parallelism 8-49741
- Asanov, G.S.** Some consequences of the Finsterlin structure of the space-time with the absolute parallelism 8-54262
- Asaoka, K.,** Miura, I. Simulation on the tensile behaviour and the initiation of fracture voids for a composite 8-52948
- Asaoka, T.,** Miyasaka, S., Tsutsui, T., Fujimura, T., Katsuragi, S., Asano, N., Nakamura, H., Mizuta, H., Chichiwa, H., Ohnishi, T., Zukeran, A. Benchmark tests of radiation transport computer codes for reactor core and shield calculations 8-78440
- Asari, M.** see Itoh, A. 8-58793
- Asaro, F.** see Bard, J.C. 8-70243
- Asaro, F.** see Bowman, H. 8-85746
- Asaro, F.** see Stross, F.H. 8-70244
- Asaro, F.** see Yellin, J. 8-70245
- Asaro, R.J.,** Rice, J.R. Strain localization in ductile single crystals 8-52912
- Asaro, R.J.** see Chang, Y.W. 8-64596
- Asatani, K.,** Kimura, T. Analog modulation of light-emitting diodes for optical fiber 8-90516
- Asatani, K.** see Kawana, A. 8-71215
- Asatiani, T.L.,** Alchudzhyan, S.V., Gazaryan, K.A., Kozlin, L.I., Martirosyan, G.S., Ter-Antonyan, S.V. Electromagnetic interactions of high energy cosmic ray muons and muon pairs 8-73598
- Asatiani, T.L.** see Agasyan, E.O. 8-78563
- Asatryan, G.M.,** Zaslavski, A.N. Mass formulae and mixing in $\text{SU}(8)$ and $\text{SU}_w(8)$ symmetries 8-66097
- Asaturov, M.L.** The stratospheric aerosol layer 8-81331
- Asaumi, K.** X-ray study on the pressure-induced B1-B2 phase transition in single crystal RbI 8-63852
- Asaumi, K.,** Minomura, S. Effect of pressure on the Raman shift in Ge 8-92064
- Asay, J.R.,** Lipkin, J. A self-consistent technique for estimating the dynamic yield strength of a shock-loaded material 8-80692
- Asayama, K.** see Kumagai, K. 8-84349
- Asayama, Y.** Study on aging embrittlement of high strength maraging stainless steels 8-84972
- Asbeck, H.O.,** Mecking, H. Influence of friction and geometry of deformation on texture inhomogeneities during rolling of Cu single crystals as an example 8-72792
- Asbeck, P.M.,** Cammack, D.A., Daniele, J.J. Non-Gaussian fundamental mode patterns in narrow-stripe-geometry lasers 8-94394
- Asboe-Hansen, P.,** Hagberg, E., Hansen, P.G., Hardy, J.C., Hornshøj, F., Jonson, B., Mattsson, S., Tidemand-Petersson, P. Excited state lifetimes in ^{79}Br measured by the particle X-ray coincidence technique 8-86507
- Asbridge, J.R.** see Bame, S.J. 8-85788, 8-85800
- Asbridge, J.R.** see Feldman, W.C. 8-77452
- Asbridge, J.R.** see Gosling, J.T. 8-77447, 8-89494
- Asbridge, J.R.** see Stiles, G.S. 8-89009
- Asbrink, L.,** Fridh, C., Lindholm, E., Ahlgren, G. Dissociation of cyclobutane, studied with HAM/3 8-92452
- Asbury, D.M.** see Batty, C.J. 8-62578
- Asch, L.** see Potzel, W. 8-83902
- Asche, M.** see Kurtenok, L.F. 8-84223
- Asche, W.** Nuclear transmutation as a method of doping in semiconductor technology 8-95066
- Ascher, P.** see Marty, A. 8-80865
- Aschman, D.G.,** Coyne, D.G., Groom, D.E., O'Neill, G.K., Sadrozinski, H.F.W., Shinsky, K.A., Badkte, D.H., Barnett, B.A., Jones, L.H., Zorn, G.T., Cavalli-Sforza, M., Goggi, G., Impellizzeri, F.S., Livan, M., Pastore, F., Rossini, B., Keller, L.P. Inclusive hadron production in e^+e^- annihilation at $\sqrt{s}=53 \text{ GeV}^2$ 8-78201
- Ascoli, R.,** Gabbi, P., Pallech, G. On the representation of linear operators in L^2 spaces by means of 'generalized matrices' 8-62095

- Ascutto, R.J.**, Petersen, J.F., Seglie, E.A. Role of the exit-channel distorting potential in heavy-ion-induced inelastic scattering 8-94025
- Asgekar, G.G.**, Date, T.H. Orthonormal tetrads and the charged fluid in general relativity 8-54269
- Asgekar, G.G.**, Date, T.H. On local behaviour of congruences in self-gravitating viscous, compressible, thermally conducting fluid with infinite electrical conductivity and constant magnetic permeability 8-89384
- Asghar, M.** The sub-barrier photo-fission and the ^{232}Th fission barrier profile 8-58311
- Asghar, M.**, Emsallem, A., Hagberg, E., Jonsson, B., Tidemand-Petersson, P. Thermal neutron induced charged particle reactions in radioactive targets of ^{37}Ar , ^{109}Cd , ^{125}Xe , ^{127}Xe , and ^{132}Cs 8-94012
- Asghar, M.**, Guet, C., Perrin, P. Fission fragment yield distributions as a function of their excitation energies for $^{235}\text{U}(\text{n}_{\text{th}}, \text{f})$ 8-50218
- Asghar, M.** see Andersson, G. 8-89878
- Asghar, M.** see Crancon, J. 8-70497
- Asghar, M.** see D'Hondt, P. 8-78425
- Asghar, M.** see Emsallem, A. 8-66284
- Asghar, M.** see Guet, C. 8-74411
- Ash, J.E.** Comparison of finite element calculations with experiments for the dynamic response of LMFBR core subassembly ducts 8-70614
- Ash, W.W.** see Alguard, M.J. 8-70376
- Ashbee, K.H.G.** see Hardy, G.J. 8-85091
- Ashby, D.J.** see Stott, F.H. 8-64756
- Ashby, J.A.**, Flower, H.M., Rawlings, R.D. Correlation of electrical resistivity with microstructure in an Fe-Co-2% V alloy 8-72896
- Ashby, M.F.** Progress in the development of fracture-mechanism maps 8-56764
- Ashby, M.F.**, Edward, G.H., Davenport, J., Verrall, R.A. Application of bound theorems for creeping solids and their application to large strain diffusional flow 8-84895
- Ashby, M.F.**, Verrall, R.A. Micromechanisms of flow and fracture and their relevance to the rheology of the upper mantle 8-69331
- Ashby, M.F.** see Gandhi, C. 8-60823
- Ashcheulov, A.A.** see Pilat, I.M. 8-77904
- Ashcheulov, Yu.V.** see Sukhanov, V.I. 8-87031
- Ashcroft, D.L.**, Zuvers, H.E. The Princeton neutral injection power supply system 8-70638
- Ashcroft, N.W.** The photoelectron excitation process 8-95664
- Ashcroft, N.W.** see Cheung, J. 8-84192
- Ashcroft, N.W.** see Lamb, W. 8-56444
- Ashcroft, N.W.** see Mon, K.K. 8-91256
- Ashe, A.J.**, III see Fong, G.D. 8-70817
- Asher, J.** see Moorhouse, T.J. 8-93965
- Asherov, B.A.**, Ginzberg, B.M. Schematic representation of low angle X-ray diagrams from different supermolecular structure models of oriented polymers 8-87630
- Asherov, B.A.**, Ginzburg, B.M. Method of processing of small-angle X-ray patterns of oriented amorphous crystalline polymers 8-71642
- Ashida, M.**, Ueda, Y., Watanabe, T. Epitaxial growth of low molecular weight polypropylene from vapor phase 8-67924
- Ashikhmin, V.P.** see Zelenskii, V.F. 8-78471
- Ashimbaeva, B.U.** see Zashkvara, V.V. 8-78896
- Ashirov, A.** see Karaev, K.Sh. 8-63750
- Ashkin, J.**, Vandervlen, N.S. ESR of V^{3+} in $[\text{CN}(\text{H}_2)_3]\text{V}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ 8-91942
- Ashkin, M.**, Gavalier, J.R. Stability of Nb-based, high- T_c A15 compounds 8-52137
- Ashkin, M.**, Gavalier, J.R. The upper critical field of NbN film 8-64172
- Ashkin, M.** see Gavalier, J.R. 8-88054
- Ashley, A.J.** see Phelps, P.D. 8-61242
- Ashley, H.** Unsteady subsonic and supersonic inviscid flow 8-71350
- Ashey, P.R.**, Chang, W.S.C. Fresnel lens in a thin-film waveguide 8-94452
- Ashley, S.R.**, Muggeridge, M., Lucas, J. An inexpensive digital lineariser for nonlinear transducers 8-57931
- Ashmawy, F.M.** see El-Shamy, T.M. 8-64752
- Ashour-Abdalla, M.**, Kennel, C.F. Nonconvective and convective electron cyclotron harmonic instabilities 8-77424
- Ashour-Abdalla, M.**, Kennel, C.F. Multi-harmonic electron cyclotron instabilities 8-87442
- Ashraf, M.**, Miller, J.J. A simple inexpensive micromanipulator for isolation of single spores from yeast asci 8-61292
- Ashtekar, A.**, Hansen, R.O. A unified treatment of null and spatial infinity in general relativity. I. Universal structure, asymptotic symmetries, and conserved quantities at spatial infinity 8-65848
- Ashtekar, A.**, Magnon-Ashtekar, A. A technique for analyzing the structure of isometries 8-65831
- Ashtekar, A.**, Magnon-Ashtekar, A. Remark on quantum field theory in curved space-times 8-77771
- Ashton, G.D.** River ice 8-61476
- Ashton, N.** see Mc Dermott, C. 8-83702
- Ashton, R.C.** see Oliver, D.R. 8-87306
- Ashwell, G.J.** Organic metals: Chain stabilisation in bipyridinium-TCNQ salts 8-51978
- Ashworth, D.G.** Lunar and planetary impact erosion 8-57476
- Ashworth, D.G.** An analogy between the Compton effect and reflection from a moving mirror 8-82218
- Ashworth, R.B.** see Krull, I.S. 8-92555
- Ashworth, T.**, DeVries, J.L., Smith, D.R. Collectively mixed humidity chamber 8-54379
- Ashworth, V.**, Grant, W.A., Procter, R.P.M. Novel corrosion resistant alloys by ion implantation 8-88569
- Asimacopoulos, P.J.** see Moussa, N.A. 8-56955
- Asimakopoulos, D.N.** see Mousley, T.J. 8-87226
- Asinovsky, E.I.**, Afanas'ev, A.A., Pakhomov, E.P. The limits of the helical instability of an arc column 8-71564
- Asinovsky, E.I.**, Kulik, P.P. Non-Debye plasma experimental investigations 8-75387
- Asinovsky, E.I.**, Afanas'ev, A.A., Pakhomov, E.P., Kuzmin, A.K. Behaviour of electrodes-stabilized arc and instability of wall-stabilized neon arc column in longitudinal magnetic field 8-87551
- Asinovsky, E.I.**, Afanas'ev, A.A., Pakhomov, E.P. Phase velocity of high pressure helical arc movement in longitudinal magnetic field 8-71594
- Asinovsky, E.I.**, Kochubei, D.I., Nizovsky, V.L., Shabashov, V.I. Stabilized hydrogen arc as a radiation standard in VUV from 600 to 900 Å 8-66879
- Asinovsky, E.I.**, Kochubei, D.I., Nizovsky, V.L., Shabashov, V.I. A radiation source calibrated in UV from 60 to 360 nm 8-87117
- Askadskii, A.A.** see Kochergin, Yu.S. 8-72809
- Askadskii, A.A.** see Tikhonova, N.I. 8-88513
- Askar, A.**, Cakmak, A.S. Explicit integration method for the time-dependent Schrodinger equation for collision problems 8-57805
- Askar, A.**, Cakmak, A.S. Finite amplitude waves in bounded water bodies 8-77273
- Askar, A.**, Cakmak, A.S., Rabitz, H.A. Finite element methods for reactive scattering 8-92453
- Askarov, P.A.**, Dmitriev, A.G., Tsarenkov, B.V. Radiative recombination region in GaAs:Si p-n structures 8-52071
- Askar'yan, G.A.** Mesons and neutrinos at ultrahigh pressures. Cumulative and induction increase in particle energies to mesonic energies with energy emission in microflashes 8-93920
- Askenazy, S.** see Cooke, R.A. 8-56508
- Askew, J.R.** Global reactor calculations and practical calculation for reactor burnup 8-58341
- Askins, B.S.** Autoradiographic image intensification: applications in medical radiography 8-61255
- Askovic, R.** see Askovic, T. 8-91022
- Askovic, T.**, Askovic, R. An approximate solution of the non-steady MHD thermal boundary layer in incompressible laminar flow with variable electric conductivity 8-91022
- Aslam, S.** see Dimitrov, G. 8-67387
- Aslanoglou, X.** see Cindro, N. 8-74384
- Aslanov, A.A.**, Kornilov, V.G., Cherepashchuk, A.M. Narrow-band photoelectric observations of AM Her 8-77565
- Aslanov, I.A.** see Pavlova, V.M. 8-65634
- Aslanova, M.S.**, Balashov, Yu.S., Noskov, A.B., Ivanov, I.V. An internal friction method for studying alkali silicate glasses 8-88455
- Aslanyan, T.A.**, Levanyuk, A.P. A possible incommensurable phase near the $\alpha\beta$ transition in quartz 8-79768
- Aslton-Garnjost, M.**, Kenney, R.W., Pollard, D.L., Ross, R.R., Tripp, R.D., Nicholson, H., Ferro-Luzzi, M. Partial-wave analysis of the KN system from 360 to 1320 MeV/c 8-82235
- Asmat, H.**, Gignoux, D. Magnetic structures of the intermetallic rare-earth compounds RGa_2 8-84394
- Asmolov, V.G.** see Aden, V.G. 8-94086
- Asmontas, S.**, Subacius, L. Hot-electron diffusion coefficient in germanium 8-87982
- Asmussen, F.** see Karl, V.-H. 8-75852
- Asmussen, R.A.** see McGurk, F.P. 8-59018
- Asnani, G.C.** see Ngara, T. 8-53705
- Asnin, V.M.**, Bakun, A.A., Danishevskii, A.M., Ivchenko, E.L., Pikus, G.E., Rogachev, A.A. Observation of a photo-e.m.f., dependent on the sign of circular polarisation of light 8-80025
- Asnin, V.M.**, Mirtskhulava, N.I., Rogachev, A.A. Pinch effect in an electron-hole liquid in germanium 8-87993
- Asnin, V.M.**, Rogachev, A.A., Sablina, N.I., Stepanov, V.I. Magnetoacoustic effect in the drag of electron-hole drops by phonons 8-68057
- Asnin, V.M.**, Savlina, N.I., Stepanov, V.I. Phonon drag of electron-hole drops in longitudinal quantizing magnetic fields 8-64070
- Aso, T.** see Hashimoto, S. 8-89491, 8-92854
- Aso, T.** see Sasaki, T. 8-89492
- Asou, S.** see Hayashi, M. 8-55662
- Aspeling, J.**, Piani, C.S.B. The recovery of thermal-neutron-irradiated platinum 8-95081
- Aspeling, J.** see Gosele, U. 8-51582
- Aspin, C.** see Mills, A.A. 8-88931
- Asplund, L.**, Kelfve, P., Blomster, B., Siegbahn, H., Siegbahn, K. Argon KLL and KLM Auger electron spectra 8-50524
- Asplund, L.**, Kelfve, P., Blomster, B., Siegbahn, H., Siegbahn, K., Lozes, R.L., Wahlgren, U.I. Molecular Auger electron spectra of second row elements. Sulfur compounds 8-50654
- Aspnes, D.** see Eberhardt, W. 8-76583
- Aspnes, D.E.**, Cardona, M. Strain dependence of effective masses in tetrahedral semiconductors 8-51880
- Aspnes, D.E.**, Cardona, M. Piezoresistance and the conduction-band minima of GaAs 8-51993
- Aspnes, D.E.**, Cardona, M. k-linear coupling and the E_1' transitions in GaAs 8-91583
- Aspnes, D.E.**, Studna, A.A. Methods for drift stabilization and photomultiplier linearization for photometric ellipsometers and polarimeters 8-54436
- Aspnes, D.E.**, Studna, A.A. Photomultiplier linearization and system stabilization for photometric ellipsometers and polarimeters 8-54441
- Aspnes, D.E.** see Del Sole, R. 8-68511
- Asprey, L.B.** see Leary, K.M. 8-53225
- Asquith, M.H.** see Echlin, P. 8-65158
- Asquith, M.H.** see Franks, F. 8-65157
- Asquith, M.H.** see Skaer, H.L. B. 8-65159
- Asratyan, A.E.**, Bugorsky, A.P., Epstein, V.Sh., Fakhruddinov, R.M., Gemanov, V.A., Goryachev, V.N., Grigoriev, E.A., Kalganov, N.V., Kaftanov, V.S., Kartashova, V.G., Khovanov, V.D., Klimentko, L.A., Kochetkov, V.I., Kornelyuk, Yu.G., Kubantsev, M.A., Kulikov, A.V., Kurbakov, V.I., Maksimov, I.P., Mukhin, A.I., Pereygin, V.F., Platonov, V.G., Polyakov, B.F., Rozanov, A.N., Ryabinin, M.S., Savitsky, M.M., Serezhin, V.M., Shamanov, V.V., Shestermanov, K.E., Shevchenko, V.G., Smotryaev, V.A., Stroganov, Yu.G., Sviridov, Yu.M., Trostin, I.S., Volkov, A.A., Vovenko, A.S., Yarba, V.A., Zaitsev, A.A., Zeldovich, S.A., Zhigunov, V.P., Zudin, Yu.A. Charged current neutrino interactions below 30 GeV 8-62389
- Asratyan, A.E.**, Kubantsev, M.A. A new limit on the orthomumion mass 8-62388
- Assa, J.**, Mednikarov, B. Subbing of glass substrates used for obtaining of evaporated silver bromide layers 8-78016
- Assad, M.J.D.** see Damiao Soares, I. 8-73784
- Assailly, J.**, Durand, B., Kreis, H. Arterial pressure modulator for the perfusion circuit of an isolated organ 8-81004
- Assassa, G.M.**, Gay, B. Numerical prediction of turbulent boundary layers near the point of separation 8-94657
- Assassa, G.M.** see Gay, B. 8-79304
- Assefi, M.**, Berthier, Y. Study of solubility of sulphur in palladium in equilibrium with hydrogen-hydrogen sulphide mixtures 8-87791
- Asselmeyer, F.**, Klee, C. Strain aging in rock salt single crystals 8-56661
- Asselt, W.K.** van see van Asselt, W.K.
- Assenov, A.A.**, Penchev, I.P., Radev, S.P., Rakadjiev, R.K. Determining the stability of a cylindrical liquid jet flowing into a pulsating stream of immiscible liquid 8-83444
- Assenov, R.** see Moldovanova, M. 8-87988
- Asseo, E.**, Kennel, C.F., Pellat, R. Synchrotron radiation damping of relativistically strong linearly polarised plasma waves 8-61877
- Assimakopoulos, P.** see Cindro, N. 8-74384
- Assis, M.S.**, Einloft, C.M. A simple method for estimating rain attenuation distribution 8-53688
- Assmann, H.**, Stehle, H. Thermal and in-reactor densification of UO_2 : mechanisms and experimental results 8-66364
- Assmann, H.** see Borchers, H. 8-52821
- Assmann, W.** see Evers, D. 8-74385
- Assmus, F.** Soft magnetic metallic glasses, an introduction and status report 8-64226
- Assmus, W.**, Takke, R., Sommer, R., Luthi, B. On the structural instability of LaAgIn_{1-x} alloys 8-79562
- Assumpcao, M.**, Bamford, D. LISP. V. Studies of crustal shear waves 8-73313
- Ast, D.G.** see Kramer, E.J. 8-72844

- Astaf'ev, A.A.**, Markov, S.I., Kark, G.S. Statistical analysis of the joint effect of nickel, copper, and phosphorus on the irradiation embrittlement of pearlitic steels 8-71770
- Astaf'ev, A.A.** see Bilik, Yu.Z. 8-56866
- Astaf'ev, A.A.** see Roitburd, I.A. 8-76814
- Astaf'ev, A.A.** see Zorev, N.N. 8-53046
- Astafyeva, L.G.**, Prishivalko, A.P. The applicability of a model of homogeneous particles for optical probing of atmospheric smokes 8-77328
- Astakhov, E.A.** see Klimenko, V.S. 8-94852
- Astakhov, V.M.** see Kovalevskaya, T.I. 8-63918
- Astanin, V.V.** see Romanchenko, V.I. 8-84943
- Astarita, G.** Thermodynamics and relaxation. The relationship between memory for past history and equilibrium 8-76903
- Astbury, P.** see Perneg, J. 8-50047
- Asten, M.W.**, Verma, S.K. Conversion of wide-band EM frequency response to transient response using segmented transformation 8-77349
- Asti, G.**, Bolzoni, F., Licci, F., Canali, M. First order magnetization processes in uniaxial crystals: (Zn,Co)₂Fe₁₆O₂₇ 8-95472
- Asti, G.**, Carbuicchio, M., Deriu, A., Lucchini, E., Sloccari, G. Magnetic properties and spin order of Sr₂Fe₁₀O₂₂ 8-52232
- Asti, G.**, Carbuicchio, M., Deriu, A., Lucchini, E., Sloccari, G. Magnetic characterization of antiferromagnetic Ba₂Fe₆O₁₁ 8-52256
- Astier, R.** see Meyer, Y.H. 8-50795
- Astill, C.J.** see Janzen, P. 8-82490
- Astiz, M.A.**, Elices, M., Sanchez Galvez, V. On energy release rates in axisymmetrical problems 8-67139
- Astle, H.W.** see Presby, H.M. 8-55460, 8-79104
- Astles, M.G.** see Brozel, M.R. 8-55922
- Astley, R.J.**, Eversman, W. A finite element method for transmission in nonuniform ducts without flow: comparison with the method of weighted residuals 8-83140
- Aston, D.** see Alper, B. 8-70414
- Aston, G.**, Kaufman, H.R., Wilbur, P.J. Ion beam divergence characteristics of two-grid accelerator systems 8-82074
- Astrakhantsev, F.A.** see Chikirdin, E.G. 8-57064
- Astrom, H.U.** see Gudmundsson, H. 8-68260
- Astrom, K.** Muon spectra, expected characteristics of inclined muon monitors by means of generating functions and an analysis of the diurnal variation at Kiruna 8-85783
- Astrov, Yu.A.**, Egorov, V.V., Kasymov, Sh.S., Murugov, V.M., Paritskii, L.G., Ryvkin, S.M., Sheremet'ev, Yu.N. New photographic system for investigating characteristics of infrared laser radiation 8-49903
- Astvatsurov, R.G.**, Ivanov, V.I., Knapik, E., Kramarenko, V.A., Malakhov, A.I., Khachatryan, M.N. Investigation of dependence of homogeneity of light collection in a large-size scintillation counter on kind of reflector 8-78569
- Asty, M.** Acoustic emission source location on a spherical or plane surface 8-92421
- Asundi, R.K.** Reminiscences relating to the discovery of the Raman effect 8-73819
- Asvadurov, K.D.**, Vasilieva, I.A. The application of the B-invariant transformation theory to the discharge in helium-cesium mixture 8-67503
- Aswatha Narayana, P.A.** Turbulent boundary layer velocity profiles over a smooth surface 8-67183
- Aswatha Narayana, P.A.** see Swamy, N.V.C. 8-67184
- Atabek, O.**, Lefebvre, R., Jacot, M. Derivation from coupled channel equations of the resonance Raman scattering amplitude for a diatomic molecule 8-94248
- Atagi, K.** see Mima, G. 8-92328
- Atake, T.**, Chihara, H. Phase relations of tetramethylsilane under pressure 8-71850
- Atakishiyev, N.M.**, Mir-Kasimov, R.M., Nagiyev, Sh.M. A relativistic Hamiltonian theory in the light-like case 8-78112
- Atal, B.S.**, Chang, J.J., Mathews, M.V., Tukey, J.W. Inversion of articulatory-to-acoustic transformation in the vocal tract by a computer-sorting technique 8-69110
- Atalay, B.I.**, Mann, A. On the characterization of symmetry-adapted Rayleigh-Schrodinger perturbation theories 8-70012
- Ataman, O.Y.**, Mark, H.B., Jr. Alkali halide pelleting technique for solid sampling in infrared spectroscopy 8-87171
- Atanackovic, T.M.** Geometry of motion of a single elastic body point 8-49662
- Atanackovic, T.M.** Optimal control of dynamically controllable motions: an example 8-79214
- Atanasii, G.**, Constantin, E., Popa, I., Radu, D., Dordea-Ionias, D. The analysis of superconducting magnet systems for the MHD energy conversion 8-55759
- Atanasiu, M.**, Ghete, P., Vasaru, Gh. Calculation of a thermal diffusion cascade for ³⁶Ar separation 8-58862
- Atanasiu, M.** see Ghete, P. 8-51274
- Atanasov, A.**, Kolevsky, D., Valtchev, I., Valtchev, S. Experimental investigations on the diffusion with boron nitride 8-59824
- Atanasov, Z.**, Krustev, V., Apostolov, A., Popova, D. An X-ray topographical chamber for work by the Lang method 8-83649
- Atarashi, M.**, Hira, K., Narumi, H. On the kaon-nucleus optical potential at low energy 8-94032
- Ataullakhanov, F.I.**, Vitvitskii, V.M., Zhabotinskii, A.M., Kholodenko, B.N., Erlikh, L.I. Quantitative model of glycolysis in the human erythrocyte. I. Dependence of the steady rate of glycolysis on the concentration of ATP 8-53354
- Ateya, A.I.** see Borsenberger, P.M. 8-80021
- Ateya, B.G.** see Chatterjee, S.S. 8-53252
- Athanassoula, E.** Density oscillations in a uniformly rotating disk galaxy 8-57635
- Athanassoula, E.** A spiral density wave caused by an orbiting retrograde companion 8-96533
- Athanassoula, E.** see Simien, F. 8-65690
- Athay, R.G.** Modeling the solar photosphere and chromosphere 8-81599
- Athay, R.G.** Chromospheric motions observed by the University of Colorado experiment on OSO-8 8-81602
- Athel, S.** see El Naschie, M.S. 8-83273
- Atherton, D.R.** see Lloyd, R.D. 8-96095
- Atherton, D.R.** see Smith, J.M. 8-80983
- Atherton, M.J.**, Holloway, J.H. Preparation and characterisation of tungsten selenotetrafluoride, WSe₄ 8-63730
- Atherton, P.D.**, Hicks, T.R., Reay, N.K., Worrick, S.P., Smith, W.H. The structure of NGC 6720 8-61909
- Athreya, K.B.** see Sen, P. 8-69969
- Atiyah, M.F.**, Hitchin, J.N., Singer, I.M. Self-duality in four-dimensional Riemannian geometry 8-78073
- Atiyah, M.F.**, Jones, J.D.S. Topological aspects of Yang-Mills theory 8-78060
- Atkatz, D.** Dynamical method for generating the gravitational interaction 8-70042
- Atkin, R.J.** see Fox, N. 8-54186
- Atkins, F.B.** see Tsui, B.M.W. 8-73223
- Atkins, R.P.**, Innis, G., Lin, S.C. Optimal timing and power enhancement observed in a double-pulse fast-discharge-driven XeF laser 8-63132
- Atkinson, A.**, Marshall, A. Anodic dissolution of iron in acid chloride solutions 8-92389
- Atkinson, B.K.** High-temperature stress relaxation of synthetic polycrystalline galena 8-87737
- Atkinson, B.K.** see Rutter, E.H. 8-96309
- Atkinson, B.W.** The mechanical effect of an urban area on convective precipitation 8-81338
- Atkinson, B.W.** Urban effects on precipitation: an investigation of London's influence on the severe storm in August 1975 8-81339
- Atkinson, C.**, List, R.D. Steady state crack propagation into media with spatially varying elastic properties 8-90783
- Atkinson, D.**, Kaekbeke, M. Crossing symmetric amplitude with Regge poles 8-54621
- Atkinson, D.**, Kok, L.P., de Roo, M. Crichton ambiguities with infinitely many particle waves 8-70311
- Atkinson, D.P.**, Calderon, M.O. Liquid-nitrogen-cooled liners for 2XIIB 8-50406
- Atkinson, D.P.**, Calderon, M.O., Nagel, R.J. Vacuum system for the tandem mirror experiment 8-55023
- Atkinson, G.** Energy flow and closure of current systems in the magnetosphere 8-57400
- Atkinson, G.** Field-line merging and slippage 8-77393
- Atkinson, G.H.** see Shake, T.H. 8-86343
- Atkinson, G.H.** see Srivastava, R.B. 8-76999
- Atkinson, J.** see Coney, J.E.R. 8-94749
- Atkinson, M.** Strain hardening of spheroidized medium-carbon steels 8-52845
- Atkinson, R.** Observation of the dynamic behaviour of magnetic domains [teaching] 8-86080
- Atkinson, R.**, Pitts, J.N., Jr. Kinetics of the reaction of O(³P) atoms and OH radicals with 2-methyl-2-butene 8-61001
- Atkinson, R.**, Pitts, J.N., Jr. Kinetics of the reactions of the OH radical with HCHO and CH₃CHO over the temperature range 299-426K 8-68873
- Atkinson, R.H.**, Bamford, W.E., Broch, E., Deere, D.U., Franklin, J.A., Nieble, C., Rummel, F., Tarkoy, R.J., van Duyse, H. Suggested methods for determining hardness and abrasiveness of rocks 8-96313
- Atkinson, R.J.C.** Some new measurements on Stonehenge 8-85860
- Atlas, D.**, Ulbrich, C.W. Path- and area-integrated rainfall measurement by microwave attenuation in the 1-3 cm band 8-65414
- Atlas, D.** see Ulbrich, C.W. 8-57349
- Atluri, S.N.**, Nakagaki, M. Stress analysis of cracks in elasto-plastic range 8-67144
- Ato, Y.** see Moriya, Y. 8-53295, 8-86945
- Atobe, K.**, Okada, M., Nakagawa, M. Colloid centers in silver chloride induced by reactor irradiation at low temperature 8-72560
- Atobe, K.** see Okada, M. 8-72561
- Atolia, R.N.** see Patni, G.C. 8-63452
- Aton, B.**, Callender, R.H., Honig, B. Photochemical cis-trans isomerisation of bovine rhodopsin at liquid helium temperatures 8-64939
- Aton, B.** see Doukas, A.G. 8-73137
- Aton, T.J.** see Abbas, D.C. 8-68399, 8-84488
- Atoyan, A.M.**, Barabanov, A.F., Maksimov, L.A. On the electric resistance of metals with unfilled f-shells 8-72141
- Atoyan, A.M.** see Maksimov, L.A. 8-60262
- Attrashkevich, V.B.**, Vedenev, O.V., Allan, H.R., Jones, J.K., Mandolesi, N., Morigi, G., Palumbo, G.G.C. Electric field strength of radio emission from EAS 8-93061
- Atrens, A.** see Cann, C.D. 8-83962
- Atroschenko, V.I.** see Tovazhyanskiy, L.L. 8-75040
- Atsuki, K.** see Yamashita, E. 8-94438
- Atta, C.W.** Van see Van Atta, C.W.
- Atta, E.H.** see Kandil, O.A. 8-71351
- Attal, J.**, Cambon, G. Signal processing in the reflective acoustic microscope 8-75022
- Attal, J.** see Cambon, G. 8-83186
- Attalla, A.** see Bowman, R.C., Jr. 8-91978
- Attard, A.C.** see Roos, P.G. 8-62535
- Attasi, S.** A new approach to 2D-recursive filtering [image processing] 8-58934
- Attaya, W.L.** see Evans, S. 8-65024
- Attekum, P.M.Th.M.** van see van Attekum, P.M.Th.M.
- Attema, E.P.W.**, Ulaby, F.T. Vegetation modeled as a water cloud 8-57274
- Atten, P.**, Lacroix, J.C. Electrohydrodynamic stability of liquids subjected to unipolar injection: Non linear phenomena 8-87411
- Atten, P.** see Frey, F. 8-87406
- Atten, P.** see Lacroix, J.C. 8-87412
- Attenberger, S.E.** see Houlberg, W.A. 8-66421
- Attenberger, S.E.** see Mense, A.T. 8-58421
- Attenberger, S.E.** see Peng, Y.-K.M. 8-58419, 8-66422
- Attia, E.A.**, Harms, A.A. Anisotropic neutron transport analysis 8-50227
- Attfinger, E.O.** see Adams, J.M. 8-56959
- Attfinger, F.M.** see Adams, J.M. 8-56959
- Attisani, A.**, Barattieri, P., Capsoni, C., Paraboni, A. The meteorological radar of Spino d'Adda 8-69467
- Attix, F.H.** see Waterman, F.M. 8-73249
- Attolini, M.R.**, Cavani, C., Cecchini, S., Galli, M. On the solar-particle event of May 7, 1978 recorded at Bologna 8-85777
- Attrep, M., Jr.**, Tasa, K.S., Sherwood, J.D. Estimations of the ratio of induced fission to spontaneous fission in uranium ores 8-53234
- Attuel, P.** see Coumel, Ph. 8-85435
- Attwood, D.T.**, Sweeney, D.W., Auerbach, J.M., Lee, P.H.Y. Confirmation of radiation pressure effects in laser-plasma interactions 8-51325
- Attwood, D.T.** see Coleman, L.W. 8-51362
- Attwood, T.E.** see Betteridge, D. 8-53300
- Autov, S.N.**, Kochanov, V.P., Saprykin, E.G., Smirnov, G.I. Fabry-Perot laser spectrometer 8-49912
- Atvars, T.D.Z.** see Lin, C.T. 8-64882, 8-82974
- Atwater, M.A.** Urbanization and pollutant effects on the thermal structure in four climatic regimes 8-61500
- Atwater, T.** see Shih, J.S.F. 8-65253
- Atwood, R.M.** see Sangster, M.J. 8-55827
- Atwood, R.M.** see Sangster, M.J.L. 8-55828
- Atwood, W.B.** see Prescott, C.Y. 8-89719
- Atzmon, Z.**, Hillman, P., Hochstein, S. Visual response in barnacle photoreceptors is not initiated by transitions to and from metarhodopsin 8-69050
- Atzmony, U.** see Dublon, G. 8-52254
- Au, A.Y.** see Cowley, J.M. 8-91343
- Au, C.K.** Dynamic multipole polarisability of hydrogen 8-82857
- Au, J.J.**, Birnbaum, H.K. Magnetic relaxation studies of the motion of hydrogen and deuterium in iron 8-64228
- Au, J.J.**, Birnbaum, H.K. Hydrogen effects on the deformation of iron whiskers 8-68755
- Au, W.W.L.**, Floyd, R.W., Haun, J.E. Propagation of Atlantic bottlenose dolphin echolocation signals 8-88721
- Au-Yang, M.K.** Natural frequencies of cylindrical shells and panels in vacuum and in a fluid 8-83295
- Aubakirova, R.K.** see Umurzakov, T.A. 8-60686
- Aubele, J.C.** see Crumpler, L.S. 8-65531
- Auberson, G.**, Ciulli, S. A set of integral equations for pion-pion scattering valid at all energies 8-49982
- Aubert, J.-F.** see Perrinjaquet, M. 8-74461

- Aubert, J.J.** *see* Vincent, H. 8-51497
- Aubert, J.-P.** *see* Loucheux-Lefebvre, M.-H. 8-96001
- Aubertin, F.** *see* Gairaud, H. 8-96184
- Aubier, M.G.** *see* de la Noe, J. 8-81596
- Aubourg, P.** *see* Herriau, J.P. 8-74859
- Aubrecht, J.D.** Teacher effectiveness: Self-determined change 8-54106
- Aubree, J.** *see* Torres, J. 8-92252
- Aubry, D.** *see* Crovisier, J. 8-57638
- Aubry, J.** *see* Brice, J.-F. 8-51505
- Aubry, J.** *see* Claude, J.M. 8-51506
- Aubry, J.P., Hadni, A., Morlot, G., Villermain-Lecolier, G., Strimer, P.** Far infrared absorption spectra of barium fluoride and strontium fluoride doped with different impurities 8-76507
- Aubry, J.P., Villermain-Lecolier, G., Morlot, G., Hadni, A.** Vibration spectra of F^- compensation ion in SrF_2 doped with trivalent rare earths 8-92059
- Auchere, D.** *see* Lismode, B. 8-59521
- Auchterlonie, L.J., Bryant, D.L.** A direct method of measuring small frequency shifts using two open resonators at millimetre wavelengths 8-81949
- Auciello, O.** *see* Baragiola, R.A. 8-80446
- Aucouturier, M.** *see* Liljestrand, L.-G. 8-80629
- Audenaerde, K., Celata, C.M.** The spectral emissivity at the electron cyclotron frequency 8-91077
- Aunderset, H.** *see* Steigmeier, E.F. 8-79728
- Audiere, J.P.** *see* Esquerre, M. 8-55813
- Audiffren, M., Traimond, P., Bardon, J., Drechsler, M.** A study of atom zigzag chains on the surface of tungsten 8-84036
- Audit, G.** *see* Argan, P. 8-82333
- Audit, G.** *see* Argan, P.E. 8-70512
- Audoine, C., Jardino, M.** Frequency offset due to spectral impurities in cesium beam frequency standards 8-89455
- Audoine, C.** *see* Busca, G. 8-58972
- Audoine, C.** *see* Petit, P. 8-58970
- Audouard, A.** *see* Fries, E. 8-95785
- Audren, C.** *see* Quinquis, H. 8-53652
- Audretsch, J., Schafer, G.** Quantum mechanics of electromagnetically bounded spin- $1/2$ particles in an expanding universe. I. Influence of the expansion 8-54271
- Audretsch, J., Schafer, G.** Thermal particle production in a contracting and expanding universe without singularity 8-73785
- Audretsch, J., Schafer, G.** Quantum mechanics of electromagnetically bounded spin- $1/2$ particles in expanding universes. II. Energy spectrum of the hydrogen atom 8-73869
- Audretsch, J., Schafer, G.** Thermal particle production in a radiation dominated Robertson-Walker universe 8-81721
- Aue, W.P., Bachmann, P., Wokaun, A., Ernst, R.R.** Sensitivity of two-dimensional NMR spectroscopy 8-78724
- Aue, W.P.** *see* Ernst, R.R. 8-74044
- Auer, G.** *see* Fox, C.H. 8-65163
- Auer, H.J.** *see* Jung, P. 8-72817
- Auer, I.P., Beretvas, A., Colton, E., Hill, D., Nield, K., Sandler, B., Spinka, H., Underwood, D., Watanabe, Y., Yokosawa, A.** Measurements of the spin-spin correlation parameters C_{sp} , C_q and C_l in pp elastic scattering and scattering amplitudes at 6 GeV/c 8-62433
- Auer, I.P., Colton, E., Halpern, H., Hill, D., Spinka, H., Theodosiou, G., Underwood, D., Watanabe, Y., Yokosawa, A.** Observation of structures in the pp total-cross-section difference of pure helicity states in the mass range of 2100 to 2500 MeV 8-78206
- Auer, I.P.** *see* Colton, E. 8-55074
- Auer, K.** *see* Auer, L.H. 8-69780
- Auer, L.H., Auer, K., Hoeffleit, E.D., van Altena, W.F.** Trigonometric parallaxes for southern hemisphere stars 8-69780
- Auer, L.H., Van Altena, W.F.** Digital image centring. II 8-69696
- Auer, L.P.** *see* Snyder, J.H. 8-89738
- Auer, P.P.** *see* Monch, W. 8-91517
- Auer, W.** *see* Gartner, H. 8-95293
- Auerbach, A.** *see* Cahen, D. 8-86349
- Auerbach, E.H.** A-THREE: a general optical model code especially suited to heavy-ion calculations 8-89837
- Auerbach, J.M.** *see* Attwood, D.T. 8-51325
- Auerbach, L.B., Highland, V.L., Johnson, K.F., McFarlane, W.K., Macek, R.J., Pratt, J.C.** Search for the C-noninvariant decay $m^0 \rightarrow 3\gamma$ 8-82203
- Auerbach, L.B., Highland, V.L., Johnson, K.F., McFarlane, W.K., Macek, R.J., Pratt, J.C.** Upper limit on the four photon decay of the neutral pion 8-93882
- Aufmuth, P.** Isotope shift and configuration mixing in dysprosium II 8-58628
- Augath, W., Bruckner, R.** Distance measurement by microwaves in the Schleswig-Holstein part of the main German triangulation net 8-88792
- Augeard, J.M.** *see* Agnoux, D. 8-87802
- Augelli, V., Manfredotti, C., Murri, R., Vanselli, L.** Hall-mobility anisotropy in GaSe 8-68041
- Augenstein, K.** *see* Apel', V.D. 8-78223
- Augenstein, D.A., Hogg, R.** An experimental study of the flow of dry powders over inclined surfaces 8-63488
- Auger, G.** *see* Albouy, G. 8-78309
- Auger, G.** *see* Richel, H. 8-78316
- Auger, J.P., Lombard, R.J.** What kind of nuclear information can we obtain from hadron-nucleus total cross sections? 8-78252
- Auger, J.-P., Lombard, R.J.** Effects of the centre-of-mass correlations on the hadron-nucleus elastic differential cross section 8-93977
- Auger, P., Bernole, M., Blaschko, O., Ernst, G., Quittner, G., Just, W., Roth, M.** Investigation of the precipitation structure in aluminium-magnesium and aluminium-zinc magnesium alloys by neutron scattering 8-92270
- Aughenbaugh, N.B.** *see* Duk-Won Park 8-57343
- Augin, B.** *see* Flechon, J. 8-91253
- Augis, J.A., Bennett, J.E.** Calculation of the Avrami parameters for heterogeneous solid state reactions using a modification of the Kissinger method 8-92239
- August, R.R.** *see* Anderson, D.B. 8-50950, 8-66950
- Augustin, W., Kafka, P., Bauer, J., Schueller, G.I., Zech, B., Wittman, F.H.** A complex study on the reliability assessment of the containment of a PWR. I-III 8-78481
- Augustine, J.A.** *see* Carlson, T.N. 8-65393
- Augustyniak, W.M.** *see* Strehblow, H.-H. 8-92395
- Auld, B.A., Bing-Hui Yeh** Piezoelectric shear surface wave grating resonators 8-59249
- Auld, E.G., Erdman, K., White, B.L., Averdun, H., Bailey, J.M., Beer, G.A., Dreher, B., Drumm, H., Gastaldi, U., Klempf, E., Merle, K., Neubecker, K., Sabev, C., Schwenk, H., Walther, V.H., Wendling, R.D., Wodrich, W.R.** First observation of X-rays from antiprotonic hydrogen 8-90111
- Auld, E.G., Haynes, A., Johnson, R.R., Jones, G., Masterson, T., Mathie, E.L., Ottewill, D., Walden, P., Tatischeff, B.** Production of positive pions from the bombardment of ^9Be and ^{12}C with 200-MeV polarised protons 8-78382
- Aulich, H., Douklias, N., Kinshofer, G., Grabmaier, J.G., Hacker, H.** Preparation of optical fibers of high tensile strength 8-63211
- Aulich, H.A., Grabmaier, J.G., Eisenrith, K.H.** Fibre bundle comprising nineteen optical fibres drawn from the double crucible 8-55480
- Aulombard, R.L., Robert, J.L., Raymond, A., Joulie, A.** Transport phenomena in low and high magnetic field (Shubnikov-de Haas effect) in n-type $\text{Ga}_{1-x}\text{Al}_x\text{Sb}$ alloys 8-80007
- Aulombard, R.L.** *see* Robert, J.L. 8-56162
- Ault, B.S.** A search for the HF_2^- and HCIF neutral free radicals isolated in argon matrices 8-66546
- Ault, B.S.** Infrared spectra and structure of the argon-matrix isolated HF_2^- anion 8-74655
- Ault, B.S., Andrews, L.** Laser photoluminescence of iodine matrix species: spectroscopic evidence for several (I_2) $_2$ species 8-58735
- Ault, B.S.** *see* Andrews, L. 8-80736
- Ault, E.R.** *see* Bradford, R.S., Jr. 8-63077
- Auluck, S.** Ultrasonic attenuation in superconducting zinc 8-88071
- Auluck, S.** *see* Singh, G.S. 8-91593
- Aumofen, G.** *see* Bosch, M.A. 8-79935
- Aung, W.** *see* Turian, R.M. 8-87238
- Aunon, J.J.** Computer techniques for the processing of evoked potentials 8-92728
- Auracher, H.** Heat transfer in frost and snow 8-94563
- Aurenche, P., Bopp, F.W., Gonzalez Mestres, L.** Large p, hadronic multiplicity in a two-jet model 8-62377
- Auriault, J.-L., Sanchez-Palencia, E.** Study of the macroscopic behaviour of a saturated deformable porous medium 8-51235
- Aurich, D.** *see* Wobst, K. 8-60804
- Auriemma, G., Giovannelli, F., Ranieri, M.** Upper limits to the optical variability of Cyg X2 8-96564
- Auslander, J.S.** Search statistics of triple scanning 8-94172
- Auslander, M.I., Kalashnikov, V.P.** Macroscopic equations of the dynamics of magnetic materials. II. A ferromagnet in a strong alternating magnetic field 8-88097
- Ausloos, M.** Relation between the Mori-Green-Kubo formulae and their Boltzmann approximation for electronic transport coefficients 8-79971
- Ausloos, M., Clippe, P., Kinet, P.** Phase diagram and statistical mechanics of amorphous magnetic insulators 8-52268
- Ausloos, M., Pekalski, A.** Physical properties of a spin model described by an effective Hamiltonian with two kinds of random magnetic bonds 8-84440
- Ausloos, M.** *see* Droz, M. 8-87768
- Ausschnitt, C.P., Jain, R.K.** Pulse-width dependence on intracavity bandwidth in synchronously mode-locked CW dye lasers 8-66821
- Ausschnitt, C.P.** *see* Bjorklund, G.C. 8-74624
- Ausschnitt, C.P.** *see* Jain, R.K. 8-71128
- Aust, K.T.** *see* Eadie, R.L. 8-52713
- Aust, K.T.** *see* Takahata, D. 8-84730
- Aust, K.T.** *see* Unglik, H. 8-85054
- Austern, N.** *see* Miller, G.A. 8-50141
- Austin, E.R.** *see* Perkins, G.G.A. 8-68903
- Austin, R.R.D.** *see* McNally, C.J. 8-96489
- Austin, T.S.** Changes and challenges in ocean data and information services 8-69463
- Austin Chang, Y.** *see* Shih-Hsin Kuo 8-52766
- Auston, D.H., Surko, C.M., Venkatesan, T.N.C., Slusher, R.E., Golovchenko, J.A.** Time-resolved reflectivity of ion-implanted silicon during laser annealing 8-92086
- Auston, D.H.** *see* Shank, C.V. 8-76495
- Auth, D.C.** *see* Kimura, W.D. 8-53468
- Autrata, R., Schauer, P., Kuapil, J., Kuapil, J.** A single crystal of YAG—new fast scintillator in SEM 8-86394
- Auvert, G., Bournay, J.** Infrared absorption and dichroism in monoclinic crystals: Adipic acid 8-88293
- Auvil, P.R., Brown, L.M.** The relativistic hydrogen atom: a simple solution [for teachers] 8-62019
- Auvray, J.** *see* Sentz, A. 8-71188
- Auwerter, M.** The analysis of solid surfaces and thin films by secondary ion mass spectrometry and Auger electron spectroscopy 8-80825
- Auweter, H., Mayer, U., Schmid, D.** Singlet-exciton energy transfer in naphthalene doped with anthracene following two-photon picosecond excitation: dependence on dopant concentration 8-68560
- Auyeung, J., Yariv, A.** Spontaneous and stimulated Raman scattering in long loss fibers 8-55410
- AuYeung, J.** *see* Pepper, D.M. 8-71044
- Auzanneau, M.** *see* Farrow, M.M. 8-54467
- Auzel, F.E.** *see* Pouradier, J.F. 8-79965, 8-79966
- Auzende, J.-M., Olivet, J.-L., Charvet, J., LeLann, A., LePichon, X., Monteiro, J.H., Nicolas, A., Ribeiro, A.** Sampling and observation of oceanic mantle and crust on Gorringe Bank 8-53632
- Avadhanlu, M.N.** *see* Kishore, P.R. 8-75542
- Avaeva, I.G., Lisovskii, F.V., Mansvetova, E.G., Shapovalov, V.I.** Behaviour of 'compromise' phase boundary in epitaxial iron garnet films with magnetic compensation point 8-60321
- Avakov, A.S., Veksler, V.I., Tsipinyuk, B.A.** Angular dependences of the energy spectra of sputtered ions 8-68595
- Avakyan, S.V., Dyadichev, V.N., Kozlov, S.I.** Auger electrons during action of an X-ray pulse on the upper atmosphere 8-53767
- Avakyan, S.V., Khazanov, G.V., Koyen, M.A.** Spectra of photoelectrons with allowance for Auger processes at various solar zenith angles 8-69557
- Avakyants, L.P., Kiselev, D.F.** Elasticity and photoelasticity of LiTaO_3 near its ferroelectric phase transition 8-88268
- Avakyants, L.P., Kiselev, D.F., Nikulin, V.I.** Acoustic relaxation associated with a phase transition in $\text{Pb}_2\text{Ge}_2\text{O}_{11}$ at hypersonic frequencies 8-88267
- Avalos, J., Devreux, F., Guglielmi, M., Nechtschein, M.** Electron-proton couplings in TCNQ compounds and dimensionality of triplet excitons in $(\text{p}_3\text{AsCH}_3)_2$ (TCNQ) $_2$ at room temperature 8-91974
- Avarmaa, R.** Triplet state population kinetics of the impurity molecule 8-56519
- Avarmaa, R.** *see* Suisalu, A. 8-91995
- Avarmaa, R.A., Mauring, K.K.** Quasilinear structure in luminescence spectra of chlorophyll-like molecules during monochromatic excitation 8-74809
- Avaste, O.A., Viik, T.F., Dmitrieva-Arrago, L.R.** On the absorption of solar, diffuse and reflected radiation in the visible region on the spectrum 8-96291
- Avchiev, I.A.** Capacitor chambers 8-78509
- Avci, H.I.** *see* Sze, D.K. 8-62652
- Avci, R., Flynn, C.P.** Charge-transfer insulators 8-80070
- Avdeenko, A.A., Naboikin, Yu.V.** Some peculiarities of organic molecular crystal phosphorescence in optical spin alignment conditions (review) 8-84652
- Avdeev, A.A., Maidanik, V.N., Shanin, V.K.** Procedure for calculating flashing adiabatic flows 8-67258
- Avdeev, A.I.** The structure and thickness of the sedimental cover in the Caribbean Sea 8-77212

- Avdeev, F.N.**, Goravneva, T.S., Gutman, T.L., Kleshchev, A.A., Shebalov, A.N., Shumilin, V.P. Investigation of a stepped pressure concentrator 8-90619
- Avdeev, V.I.** *see* Boldyrev, A.I. 8-86771
- Avdeev, V.I.** *see* Kondratenko, A.V. 8-86883, 8-86886
- Avdeichikov, V.V.** Some properties of silicon Si(p) detectors 8-90021
- Avdeyeva, A.V.** *see* Sabel'nikov, A.G. 8-69007
- Avdeyeva, O.S.**, Kuropteva, Z.V., Pulatova, M.K., Kravchenko, N.A. Investigation of localisation of unpaired electrons in the molecules of substrate-inhibitors of lysozyme. II. Oligosaccharides 8-68992
- Avdienko, A.A.** Surface breakdown of solid dielectrics in vacuum. I. Characteristics for breakdown of insulators along the vacuum surface 8-64321
- Avdienko, A.A.**, Malev, M.D. Surface breakdown of solid dielectrics in vacuum. II. Mechanism for surface breakdown 8-67464
- Avdienko, K.L.**, Bogdanov, S.V., Kidyarov, B.I., Semenov, V.I., Sheloput, D.V. Optical, acoustic, and piezoelectric properties of α -LiIO₃ crystals 8-95575
- Avdonin, N.A.**, Martuzan, E.N., Ratnikov, D.G., Goryushin, G.A. Effect of oscillations of the crystallization front on incorporation of impurities into crystals growing from a melt 8-52657
- Avdonin, V.P.**, Plachenov, B.T. Ionic processes in the afterglow of alkali halide crystals doped with lanthanides 8-52561
- Avdoshin, E.S.** *see* Nikulin, V.B. 8-57946
- Avdulov, A.N.** *see* Kasparaitis, A.Yu. 8-77880
- Avdisian, C.T.**, Andres, R.P. Bubble nucleation in superheated liquid-liquid emulsions 8-61056
- Aver, I.P.**, Beretvas, A., Colton, E., Hill, D., Nield, K., Sandler, B., Spinka, H., Underwood, D., Watanabe, Y., Yokasawa, A. Measurement of the total cross-section difference in pp scattering in longitudinal spin states at 1.2 to 6.0 GeV/c 8-62432
- Averbach, B.L.** Rapid fracture in bearing steels 8-56771
- Averbach, R.S.**, Benedek, R., Merkle, K.L. Correlations between ion and neutron irradiations: defect production and stage I recovery 8-79637
- Averbach, R.S.** *see* Ayrault, G. 8-52613
- Averbach, R.S.** *see* Birtcher, R.C. 8-79643
- Averbuch, P.G.** *see* Niez, J.J. 8-91853
- Averbuch-Pouchot, M.T.** *see* Coing-Boyat, J. 8-91314
- Averbuch-Pouchot, M.T.** *see* Seethanen, D. 8-79568
- Averbukh, I.Sh.**, Kovarskii, V.A., Perel'man, N.F. Landau-Zener effects in optical spectra of molecules 8-55162
- Averdung, H.** *see* Auld, E.G. 8-90111
- Averkiev, S.A.**, Agroskin, L.S., Aleksandrov, V.G., Bogomolov, V.N., Volgin, Yu.N., Gutman, A.I., Zhukova, T.B., Petranovskii, V.P., Poloskin, D.S., Rautian, L.P., Kholodkevich, S.V. Optical spectra of structural modifications of sulfur in a lattice of 10 Å clusters 8-88342
- Averkin, A.A.** *see* Gol'tsman, B.M. 8-51859
- Averkov, S.I.** Variation of oscillation phase and amplitude in systems with variable parameters 8-81799
- Averous, M.** *see* Allegre, J. 8-95602
- Averous, M.** *see* Fau, C. 8-55862
- Avery, J.** Generalized X-ray scattering factors. An approximate method for the two-centre case with Slater-type orbitals 8-79491
- Avery, L.W.** *see* Andrew, B.H. 8-65671
- Avery, L.W.** *see* Bruten, N.W. 8-93370
- Averyanov, V.I.** *see* Galakhov, F.Ya. 8-88451
- Averyanov, V.L.** *see* Doubrova, P. 8-76494
- Averyanov, V.V.**, Bobrovskaya, R.S., Bortnichuk, N.I., Krutyanskii, M.M. Influence of lowering of pressure on characteristics of direct-current melting plasmatron arc 8-94945
- Averyanov, V.V.**, Kovalev, V.N., Krutyanskii, M.M., Lysakov, V.N., Lyapin, A.A., Chursin, M.M. Operation of electrodes of a high-current plasmatron at reduced pressures 8-75433
- Avetissian, H.K.** Quantum modulation of an electron beam in the field of opposite electromagnetic waves 8-74188
- Avetissian, H.K.**, Jivani, H.A., Petrossian, R.G. 'Reflection' and catching of charged particles by a plane electromagnetic wave in an undulator 8-58894
- Avetisyan, A.A.** *see* Petrosyan, A.G. 8-63687
- Avetisyan, A.G.** *see* Arakelyan, V.S. 8-63843
- Avetisyan, A.K.** *see* Avetisyan, G.K. 8-86431
- Avetisyan, G.K.**, Avetisyan, A.K., Petrosyan, R.G. Stimulated interaction between charged particles and electromagnetic radiation in a medium with nonstationary properties 8-86431
- Avustinov, V.L.** *see* Freik, D.M. 8-95702
- Avigdor, D.**, Brown, S.D. Delayed failure of a porous alumina 8-64750
- Avignone, F.T.**, III *see* Girard, T.A. 8-78587
- Avilov, V.V.**, Iordanskii, S.V. Cohesive energy of metallic hydrogen 8-91301
- Avinor, M.**, Rosenberg, Z., Oved, Y. Shock-wave impedance match at low pressures 8-51264
- Avis, S.J.**, Isham, C.J. Vacuum solutions for a twisted scalar field 8-93804
- Avishai, Y.** Fusion cross section at sub-Coulomb energies 8-58314
- Avishai, Y.** Influence functionals in deep inelastic reactions 8-62565
- Avishai, Y.** *see* Giraud, N. 8-78210
- Avitzur, B.**, Kohser, R.A. Disk and strip forging for the determination of friction and flow strength values 8-85004
- Avizonis, P.V.**, O'Neil, B.D., Hedin, V.A. Intensity mapping optical aberrations 8-66855
- Avni, Y.** Parameter estimation for X-ray sources: Positions 8-61748
- Avni, Y.**, Lamb, D.Q., Lamb, F.K., Milgrom, M. Periodic timing residuals in pulsating binary X-ray sources and orbital precession in Hercules X-1 8-65718
- Avni, Y.** *see* Tananbaum, H. 8-93392
- Avoird, A.** *see* van der Avoird, A.
- Avoird, A.** *see* van der Avoird, A.
- Avon, A.H.** Positron scattering in a Ramsauer chamber: An optimisation study using a Monte Carlo technique 8-70706
- Avotins, Yu.E.**, Gorbovitskaya, T.I., Tiliks, Yu.E. The chemiluminescence during the dissolution of γ -irradiated lithium fluoride 8-80427
- Avouris, P.**, Campion, A., El-Sayed, M.A. Laser studies of electron-phonon interactions in amorphous solids: homogeneous fluorescence line-broadening and spectral diffusion 8-84655
- Avouris, P.**, Rentzepis, P.M. Picosecond absorption spectroscopy 8-82053
- Avouris, P.** *see* El-Sayed, M.A. 8-64406
- Avouris, Ph.** *see* Peters, K. 8-80841
- Avramenko, A.S.** *see* Makhon'ko, K.P. 8-86700
- Avrigeanu, M.** *see* Ivascu, M. 8-66199
- Avrigeanu, M.** Experimental information from gamma spectroscopy in heavy ions induced reactions 8-58300
- Avrigeanu, M.** γ -ray multiplicity in heavy ion induced reactions 8-89906
- Avrigeanu, V.** Schematic classification of the nuclear processes occurring in heavy-ion fusion 8-58313
- Avrigeanu, V.** *see* Ivascu, M. 8-66199
- Avrillier, S.** *see* Van Lerberghe, A. 8-71112
- Avrons, D.** *see* Chartier, J.M. 8-87075, 8-87090
- Avrov, A.I.** To the theory of stimulated Raman scattering of finite length electromagnetic waves in magnetoactive plasma 8-83571
- Avrutskiy, V.A.**, Koschenko, V.N. Vacuum breakdown along a dielectric surface with an accumulated charge 8-75464
- Avstriiskaya, E.E.** *see* Ionina, N.V. 8-76627
- Awad, A.A.** Ghani *see* Ghani Awad, A.A.
- Awad, M.** *see* Morel, R. 8-94741
- Awad, M.M.** *see* El-Sayed, M.L. 8-81363
- Awaji, H.**, Sato, S. Criterion of biaxial stress fracture and deduction of tensile strength 8-72840
- Awaji, H.**, Sato, S. Diametral compressive stress considering the Hertzian contact 8-72946
- Awaji, H.**, Sato, S. Studies on diametral compressive strength 8-72947
- Awaji, H.**, Sato, S. A statistical theory for fracture of brittle solids under multiaxial stresses 8-90788
- Awaji, H.**, Sato, S. Combined mode fracture toughness measurement by the disk test 8-92432
- Awaji, H.** *see* Sato, S. 8-68760, 8-72835
- Awaka, J.**, Koike, K., Fujita, M., Shinozuka, T., Kozono, S., Hayasaka, K., Aoyama, S., Tanaka, H. Calibration of the weather radar system and correlation between weather radar data and rain gauge data 8-85670
- Awaka, J.** *see* Shinozuka, T. 8-85669
- Awano, M.** Thermometry ranges are expanding 8-65927
- Awasthi, O.N.**, Sathish, S. Volume viscosity of fluids by ultrasonics 8-63871
- Awatani, J.**, Katagiri, K., Nakai, H., Omura, A., Koyanagi, K. Dislocation structures around fatigue cracks with known stress intensity factors 8-64623
- Awatani, J.**, Shiraishi, T., Tsukahara, Y. Some experiments relevant to Miner's rule in fatigue 8-64689
- Awatani, J.** *see* Katagiri, K. 8-60830
- Awerbuch, J.**, Hahn, H.T. K-calibration of unidirectional metal matrix composites 8-88518
- Ax, J.** The elementary foundations of spacetime 8-70044
- Axcell, B.P.**, Hall, W.B. Mixed convection to air in a vertical pipe 8-90896
- Axe, J.D.** *see* Emery, V.J. 8-59923
- Axe, J.D.** *see* Moncton, D.E. 8-79727
- Axe, J.D.** *see* Pynn, R. 8-55947
- Axe, J.D.** *see* Shapiro, S.M. 8-68162
- Axe, J.D.** *see* Youngblood, R. 8-68458
- Axel, F.** Single cis double bonds in lyotropic soap systems. Effects of presence and position on the chain 8-94981
- Axen, D.** *see* Amsler, C. 8-70397
- Axen, D.** *see* Bugg, D.V. 8-70396
- Axen, D.** *see* Waters, G. 8-82599
- Axford, W.I.** *see* Ip, W.-H. 8-77442
- Axford, W.I.** *see* McKenzie, J.F. 8-77453
- Axford, W.I.** *see* Gordon, C.W. (editor) 8-73557
- Axmman, A.** A simple method to produce ions of the heavy metals Nb, Mo, Ta, W and Re in a hollow cathode source 8-74525
- Axnas, I.** Experimental investigation of the critical ionization velocity in gas mixtures 8-67307
- Axon, D.J.**, Taylor, K. M82: the exploding galaxy? 8-69880
- Axon, D.J.** *see* Ellis, R.S. 8-69869
- Axon, K.B.**, Gill, R.D., Hemsworth, R.S., Hugill, J., Lomas, P.J., Paul, J.W.M., Powell, B.A., Prentice, R., Stott, P.E., Summers, D.D.R. Electron and ion heating by neutral injection in the DITE Tokamak 8-67376
- Axtmann, R.C.** *see* Zarchy, A.S. 8-70628
- Axton, E.J.**, Bardell, A.G. Photon neutron production in neutron detectors in high energy X-ray beams 8-94174
- Ayad, M.** Ionizing radiation and cavitation threshold 8-94774
- Ayala, G.**, Reyes, A. The characteristics method in two-dimensional wave propagation 8-73863
- Aydin, C.**, Faraggiana, R. Spectroscopic study of the shell star 48 Lib (FX Lib) 8-96486
- Aydin, C.**, Hack, M. The ultraviolet spectrum of the manganese stars α and β Tau 8-69802
- Aydin, C.**, Hack, M., Yilmaz, N. Spectroscopic study of the eclipsing binary V367 Cygni 8-53984
- Aydin, M.** *see* Albertsen, J.F. 8-65575
- Ayers, G.L.**, Huang, T.C., Parrish, W. High-speed X-ray analysis 8-75492
- Ayik, S.**, Wolschin, G., Norenberg, W. Microscopic transport theory of heavy-ion collisions. IV. Transport coefficients including angular momentum 8-58302
- Aymonino, P.J.** *see* Castellano, E.E. 8-91311
- Aynard, R.** Hypothesis of cyclic formation of the light elements and the problem of isotopic abundances 8-96574
- Ayoub, G.T.**, Bashara, N.M. Characterization of a very thin uniaxial film on a nonabsorbing substrate by multiple wavelength ellipsometry: palmitic acid on water 8-92136
- Ayrault, G.**, Averbach, R.S., Seidman, D.N. A new approach for the study of transmission sputtering 8-52613
- Ayre, C.A.** *see* DeHaven, C.E., Jr. 8-82244
- Ayres, D.S.** *see* Kramer, S.L. 8-66158
- Ayres, D.S.** *see* Wicklund, A.B. 8-58200
- Ayres, T.R.** A comparison of synthetic and measured solar continuum intensities and limb darkening coefficients 8-65590
- Ayres, T.R.** *see* Linsky, J.L. 8-96475
- Ayroles, R.**, Roucau, C. Interpretation of crystallographic structure domains obtained at low temperature in vanadium sesquioxides 8-83765
- Ayub, F.M.M.**, Das, P. Fourier transform properties of acousto-optic lens 8-78926
- Ayukaev, R.I.**, Polyuanov, L.V. Mathematical simulation of heat- and mass-transfer processes in separated flows with a laminar mixing region at low Reynolds numbers 8-59397
- Ayukhanov, A.Kh.**, Turmashev, E. Negative-ion emission in electron-stimulated desorption 8-72654
- Ayunts, Yu.Kh.**, Aleksanyan, A.S., Dzhulakyan, V.M. Fluctuations of the intensity of a laser beam with $\lambda=10.6$ mkm in turbulent atmosphere 8-69449
- Azami, T.**, Tajima, S., Yanagisawa, T., Sato, T., Tsuchiya, T. A simple method for measuring mass spectra of ions with excess kinetic energy. III 8-62622
- Azar, I.**, Wen-Hsien Wu, Turndorf, H. 'Twitch box': a new device to monitor neuromuscular blockade 8-77132
- Azarenko, A.V.** *see* Zelenskii, V.F. 8-78471
- Azarkina, E.A.** *see* Faitel'son, A.Sh. 8-53611
- Azarraga, L.V.** GCIR—A versatile and powerful tool for analysis of pollutants 8-68967
- Azaryan, M.O.**, Bel'zer, L.I., Dem'yanov, A.I., Murzin, V.S., Sarycheva, L.I. The problem of novel mechanism of nuclear cascade generation at high energies 8-70366
- Azcarate, A.** *see* Garcia *see* Azcarate, A.
- Azcarraga, J.A.** *see* de Azcarraga, J.A.
- Azdenko, V.** *see* Arkatov, Yu.M. 8-66264
- Azechi, H.** *see* Yamanaka, C. 8-50300
- Azema, A.** *see* Botineau, J. 8-55405
- Azmoon, T.** *see* Ackermann, H. 8-66126
- Azmoon, T.** *see* Berger, Ch. 8-62412
- Azer, N.Z.** *see* Fan, L.T. 8-75060

- Azhazha, V.M.**, Belovol, V.S., V'yugov, P.N., Finkel', V.A., Shevchenko, S.S. Specific features of the structure and plastic deformation of zirconium containing oxygen and nitrogen 8-80588
- Azhazha, V.M.** see Garber, R.I. 8-92267
- Azhazha, V.M.** see Vol'kenshtein, N.V. 8-76041, 8-87961
- Azhdarov, G.** see Mansfield, R. 8-64051
- Azhgirei, L.S.**, Vzorov, I.K., Zhmyrov, V.N., Ivanov, V.V., Ignatenko, M.A., Kuznetsov, A.S., Meshcheryakov, M.G., Razin, S.V., Stoletoev, G.D., Tarasov, A.V., Uzhinskiy, V.V. Structure of high-momentum parts of deuteron spectra from the dd collisions at 4.3, 6.3 and 8.9 GeV/c 8-78394
- Azhgirei, L.S.**, Ignatenko, M.A., Ivanov, V.V., Kuznetsov, A.S., Meshcheryakov, M.G., Razin, S.V., Stoletoev, G.D., Tarasov, A.V., Uzhinskiy, V.V., Vzorov, I.K., Zhmyrov, V.N. The structure of the high-momentum parts of the deuteron spectra from d-d collisions at 4.3, 6.3 and 8.9 GeV/c 8-89727
- Azhgirei, L.S.**, Ignatenko, M.A., Ivanov, V.V., Kuznetsov, A.S., Meshcheryakov, M.G., Razin, S.V., Stoletoev, G.D., Vzorov, I.K., Zhmyrov, V.N. Proton spectra from 6.3 GeV/c deuteron break-up on ^1H , ^2H , C, Al and Bi nuclei 8-89887
- Azikov, B.S.**, Brudnyi, V.N., Vyatkin, A.P., Krivov, M.A., Lupin, V.M., Shirokov, L.L. The influence of residual radiational defects on the characteristics of ion-doped gallium arsenide p-n junctions 8-84287
- Azimi-Garakani, D.**, Garnett Williams, J. Measurement of fission-rate distribution on a standard uranium shell 8-62584
- Azimov, S.A.**, Abduzhamilov, Sh., Gadzhieva, S.I., Dzhuzaev, M., Kuvatov, O.T. Study of proton diffractive dissociation by means of parameter invariant quantities at 25 and 200 GeV/c 8-54655
- Azimov, S.A.**, Aliev, F.K., Kulakhmedov, N.N., Yuldashev, T.S. Investigation into azimuthal correlations in $\pi^+\pi^-$ interaction at energy of 40 GeV 8-58217
- Azimov, S.A.**, Chernov, G.M., Gulamov, K.G. Implications of hadron-nucleus interactions for production models 8-58258
- Azimov, S.A.**, Gulamov, K.G., Igamberidiev, K.R., Inogamov, Sh.V., Lipin, V.D., Lutpullaev, S.L., Olimov, K., Usmanov, T.M., Turaldiev, K.T., Yuldashev, A.A., Yuldashev, B.S. Investigation of interactions of π^- mesons with carbon nuclei at the momentum of 4 GeV/c 8-78421
- Azimov, S.A.**, Yunusov, M.S., Karimov, F.R., Umarov, B.V. S-type diodes made of iridium-compensated silicon 8-56224
- Azimov, S.A.** see Boos, E.G. 8-62530
- Aziz, R.A.** see Chen, H.H. 8-91435
- Aziz El Daili, S.**, Kliman, V., Bily, M. Influence of heat treatment on fatigue strength of prestrained Cr-Ni-steel 8-60747
- Azizbekyan, G.V.**, Badalyan, N.N., Koroteev, N.I., Nersesyan, K.A., Khurshudyan, M.A., Chilingaryan, Yu.S. Observation of overtones of vibrational-rotational molecular transitions by coherent active spectroscopy 8-50550
- Azizov, B.M.** see Ananikov, S.V. 8-59457
- Azizova, O.A.** see Kagan, Y.Ye. 8-69025
- Azman, A.** see Kertesz, M. 8-60066, 8-63975
- Azman, A.** see Sadlej, A.J. 8-62866
- Azman, A.** see Zaucer, M. 8-78611
- Aznauryan, I.G.**, Bagdasaryan, A.S. The Melosh transformation and $[70.1^-] \rightarrow [56.0^+] + \gamma$ radiative decays 8-66116
- Azokpota, C.** see Calvarin, G. 8-79788
- Azova, I.V.** see Iogensen, L.V. 8-83093
- Azria, R.** see Simon, D. 8-90309
- Azrin, M.** see Olson, G.B. 8-76718
- Azuolos, G.**, Martin, J.P., Rao, G.R., Taras, P. Versatile method for measuring reaction thresholds and short half-lives 8-55114
- Azuolos, G.**, Rao, G.R., Taras, P. $^{35}\text{Cl}(p,n)^{35}\text{Ar}$ threshold energy and its relation to the vanishing Cabibbo angle 8-50167
- Azuolos, G.** see Taras, P. 8-89928
- Azuma, C.** see Rahrig, D. 8-68448
- Azuma, N.**, Yamada, T., Hayashi, H. Growth of Si_3O_2 needle crystals by nitriding process on silicon-silica system in powder compacts 8-68609
- Azuma, N.**, Yamada, T., Hayashi, H. Growth of Si_3O_2 needle crystals by nitriding process on silicon-silica system in powder compacts 8-76601
- Azuma, T.** see Nariai, H. 8-74137
- Azuma, T.** see Sakaguchi, M. 8-92762
- Azumi, M.** see Kasai, S. 8-55737
- Azumi, M.** see Odajima, K. 8-86684
- Azumi, T.** see Yamauchi, S. 8-70863
- Azzam, A.M.**, Abdel Rehim, S.S., Bector, W.H. Anodic behavior and passivation of lead in sulphuric acid solution 8-76871
- Azzam, R.M.A.** A simple Fourier photopolarimeter with rotating polarizer and analyzer for measuring Jones and Mueller matrices 8-54435
- Azzam, R.M.A.** Fourier photoellipsometers and photopolarimeters based on modulated optical rotation 8-54439
- Azzam, R.M.A.** Oblique and normal incidence photometric return-path ellipsometers for isotropic and anisotropic surfaces 8-58009
- Azzam, R.M.A.** Generalized ellipsometry based on azimuth measurements alone 8-65957
- Azzam, R.M.A.** Simulation of mechanical rotation by optical rotation: application to the design of a new Fourier photopolarimeter 8-65958
- Azzam, R.M.A.** Photopolarimetric measurement of the Mueller matrix by Fourier analysis of a single detected signal 8-74048
- Azzam, R.M.A.** Photoelectronic phase and frequency modulation 8-79131
- Azzam, R.M.A.** see Zaghloul, A.-R.M. 8-79122
- Azzam, R.M.A.**, Coffeen, D.L. (editor) Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.112. Optical Polarimetry 8-54437
- Azzi, A.**, Montecucco, C. Spin labels and biological membranes 8-69265
- Azzoni, C.B.**, Del Nero, G.L., Lanzi, G., Cola, M. EPR study of the Tb^{4+} ion in BaTbO_3 of perovskite structure 8-52350
- Azzopardi, B.J.** Consideration of the fluorescence film thickness technique 8-81945
- Azzopardi, M.**, Bijauri, A., Marchal, J., Ounnas, C. Interactive process of computation of equivalent width at the objective-prism astrophotograph 8-57462
- Ba, L.B.**, Kaliaguine, S.C., Ramalho, R.S. Excess enthalpies for gaseous ethylene + nitrogen by flow calorimetry 8-91057
- Baacke, J.**, Koch, R. Perturbative expansion of quantum states of extended objects 8-54536
- Baader, H.A.** see Greenwood, R.C. 8-89819
- Baader, H.A.** see von Egidy, T. 8-66215
- Baaklini, N.S.** Cartan's geometrical structure of supergravity 8-49745
- Baaklini, N.S.** Minkowskian instantons 8-49956
- Baaklini, N.S.** Nonlinear De Sitter symmetry and restricted propagation universes 8-58140
- Baaklini, N.S.** Quantum spinors and the singularity theorems of general relativity 8-70027
- Baaklini, N.S.**, Tuite, M. Dirac quantisation of massive spin-3/2 field 8-58113
- Baan, W.A.**, Haschick, A.D., Greenfield, P.E. Detection of neutral hydrogen absorption at $z=0.045$ in the peculiar galaxy 1506+34 8-54048
- Baarli, J.** see Di Paola, M. 8-65097
- Baba, H.**, Sekine, T. A note on various criteria for the degree-of-fit 8-57758
- Baba, K.** NWC-22.3 kHz VLF radio wave propagation during sunrise 8-93030
- Baba, K.**, Endo, I., Fujisaki, M., Kadota, S., Sumi, Y., Fujii, H., Murata, Y., Noguchi, S., Murakami, A. Quasi-free pion photoproduction from carbon above 300 MeV 8-93987
- Baba, S.**, Horita, H., Kinbara, A. Synthesis of stoichiometric InSb thin films by a simple molecular-beam technique 8-72729
- Baba, Y.** see Uno, T. 8-52842
- Babae, M.M.** see Gasymov, T.M. 8-56174
- Babae, V.S.**, Zhiginskii, A.G., Fedurkin, E.S. Apparatus for cooling photomultipliers by means of semiconductor microrefrigerators 8-57942
- Babak, T.B.** see Kholpanov, L.P. 8-59398
- Babak, V.N.** see Kholpanov, L.P. 8-59398
- Babanin, A.V.** see Berdikov, V.F. 8-56680
- Babanin, V.I.**, Bakaleinikov, L.A., Busygin, E.P., Grigoryants, V.G., Ender, A.Ya. The polarization of reabsorbed radiation from low density plasma in a magnetic field 8-67426
- Babanin, V.I.**, Kaplan, V.B., Martynovskii, A.M., Ender, A.Ya. Initial stage of a caesium discharge 8-51382
- Babareko, A.A.** see Bunin, L.A. 8-56664
- Babaritskii, A.I.**, Ivanov, A.A., Severnyi, V.V., Shapkin, V.V. A beam-plasma discharge in crossed electric and magnetic fields 8-79445
- Babaritskii, A.I.**, Zhuzhunashvili, A.I., Ivanov, A.A., Severnyi, V.V., Cherkasova, E.K., Shapkin, V.V. Experimental study of a beam-plasma discharge in crossed electric and magnetic fields 8-87458
- Babaritskii, K.A.**, Radomysel'skii, I.D. Calculation of the optimum dimensions of dies of pressing tools with hard-alloy inserts for compacting parts from powders 8-60593
- Babey, E.** see Kaplan, B.Z. 8-70119
- Babayants, V.A.** see Aptekar', I.L. 8-71855
- Babayev, A.P.** see Tulinov, V.F. 8-69575
- Babb, T.L.**, Mariani, E., Strain, G.M., Lieb, J.P., Soper, H.V., Crandall, P.H. A sample and hold amplifier system for stimulus artifact suppression 8-77163
- Babbitt, D.**, Thomas, L. Ground state representation of the infinite one-dimensional Heisenberg ferromagnet. III. Scattering theory 8-77807
- Babbs, C.F.**, Whistler, S.J. Evaluation of the operating internal resistance, inductance, and capacitance of intact damped sine wave defibrillators 8-57120
- Babcock, E.A.**, Fenton, M.M., Andriashek, L.D. Shear phenomena in ice-thrust gravels, central Alberta 8-65347
- Babcock, J.**, Bakalyar, D., Kiely, J., Weyhmann, W., Symko, O.G. Knight shift of Mn in Al at very low temperatures 8-68396
- Babcock, J.**, Monsay, E., Sivers, D. Quantum-chromodynamic spin-spin asymmetries in large-p, hadron production with polarized beam and target 8-50057
- Babcock, J.**, Sivers, D., Wolfram, S. Quantum-chromodynamic estimates for heavy-particle production 8-82108
- Babcock, J.** see Bakalyar, D. 8-68421
- Babcock, R.V.**, Brown, J.C., Feldman, B.J., Fisher, R.A., Simons, S.W., Tercovich, R.G. An 1800 torr large aperture double-discharge CO_2 laser amplifier 8-50815
- Babecki, J.**, Furmanska, B., Holynski, R., Jurak, A., Nowak, G., Wilczynski, H., Wolter, W., Wosiek, B. Interactions of pions and protons with emulsion nuclei at 60 GeV and 200 GeV 8-62524
- Babecki, J.**, Nowak, G. Characteristics of slow particles in hadron-nucleus interactions and their relation to the models of high-energy interactions 8-58269
- Babei, Yu.I.**, Romaniv, O.N., Berezhnitskaya, M.F., Kryskiv, A.S. Influence of mechanical working on the resistance of steel components to cracking 8-56734
- Babel, D.** see Verscharen, W. 8-51508
- Babenko, I.** see Moshkevich, L.D. 8-85075
- Babenko, S.D.** see Benderskii, V.A. 8-53216
- Babenko, V.I.** Stability loss in the evolving shells 8-89340
- Babenko, V.V.** see Voropaev, G.A. 8-75153
- Babenko, Yu.I.** Steady heat transfer to a thin infinite disk with a cut-out opening 8-83222
- Babenkov, L.M.** see Bykovskii, Yu.A. 8-61097
- Babersckhe, K.**, Barnes, S.E., Bachor, B. Crystal field splitting and spin-spin interaction of Eu^{2+} and Gd^{3+} in LaAl_2 single crystals 8-68370
- Babersckhe, K.**, Jenrich, H.J., Nagel, J. Crystal-field parameters and relaxation rates of Gd^{3+} and Eu^{2+} in LaAl_2 single crystals 8-84482
- Babeshkin, A.M.** see Perfilov, Y.D. 8-80775
- Babey, S.K.**, Gilchrist, J.H. Improved counting technique for use with paralysable event detectors 8-57928
- Babic, E.**, Marohnic, Z., Ivkov, J. Low temperature resistivities of $\text{Fe}_2\text{Ni}_{10}\text{-P}_{14}\text{B}_5$ metallic glasses 8-91659
- Babich, S.Yu.** Propagation of surface waves in a prestressed body with a cylindrical cavity 8-63369
- Babichenko, V.S.** Superconductivity of multiple-valley semimetals due to Coulomb interaction between electrons 8-64165
- Babichev, A.P.** see Preobrazhensky, V.B. 8-84342
- Babichev, G.G.**, Zhad'ko, I.P., Zinchenko, E.A., Romanov, V.A. Anomalous photomagnetic effect in n-InSb 8-84257
- Babievskaya, I.Z.** see Chernov, A.P. 8-64365
- Babin, A.A.**, Shchelokov, A.N. Energetic characteristics of parametric oscillator with synchronous two-cascade interaction 8-83032
- Babin, L.** see Lagourette, B. 8-60374
- Babinet, R.** see Cauvin, B. 8-70554
- Babinet, R.** see Galin, J. 8-50191
- Babini, G.N.**, Bellosi, A., Vincenzini, P. Densification kinetics of vacuum hot-pressed sodium beta-aluminas 8-72758
- Babintseva, T.P.**, Kotsyubinskiy, I.V., Markov, V.A., Skorodumov, S.A., Tretyakov, L.M., Shulyakovskii, E.A. U4320/1 and U4320/2 units for measuring magnetic induction 8-74035
- Babkin, A.F.** see Alekseev, B.F. 8-64278
- Babkin, G.V.** see Gupalo, M.S. 8-67912
- Babkina, L.N.** Model representing the phase structure of a binaural stimulus in the pulsation of the neurones of the cochlear nucleus 8-80887
- Babkina, V.A.** see Shchavalev, O.S. 8-88287
- Babocsay, L.**, Chakraborty, S., Jeschki, W., Pretre, S. A fast alarm system to optimize the protection of the public in the vicinity of a nuclear power plant 8-55048
- Babonas, G.A.** see Reza, A.A. 8-59084
- Babrovsky, V.M.** see Lumb, R.F. 8-95879

- Baboshin, V.N.**, Dobyichin, S.L., Zuev, V.S., Mikheev, L.D., Pavlov, A.B., Startsev, A.V., Fokanov, V.P. Laser utilizing an electronic transition in CN radicals pumped optically by radiation from an open high-current discharge 8-50769
- Babout, M.** *see* Gauthier, R. 8-84067
- Babu, P.V.** Thamang *see* Thamang Babu, P.V.
- Babu, R.P.**, Murthy, K.N., Murty, V.A.N. Internal bremsstrahlung photon intensity and energy yields from ^{35}S , ^{45}Ca , ^{147}Pm and ^{169}Er 8-86509
- Babu, S.V.** *see* Kishore, G.S. 8-50766
- Babu, S.V.** *see* Ramakrishna, M. 8-82661
- Babu, S.V.** *see* Rao, I.V. 8-58731
- Babu, V.H.** *see* Subba Rao, U.V. 8-83872
- Babu, V.R.R.M.** *see* Rao, A.T. 8-65285
- Babu Joseph, K.** *see* Vallamattam, A.J. 8-90067
- Babucke, G.**, Wojaczek, K. Energy balance of the low pressure cadmium argon discharge column 8-67504
- Babul, W.** *see* Kaliski, S. 8-83425
- Babushkin, G.A.**, Osadin, B.A. Deceleration of a solenoid in a conducting tube 8-50678
- Babushkin, V.G.** *see* Samokhvalov, A.A. 8-88109
- Babushkin, V.S.** *see* Bazuev, G.V. 8-72335
- Babuska, I.**, Oden, J.T., Lee, J.K. Mixed-hybrid finite element approximations of second-order elliptic boundary value problems. II. Weak hybrid methods 8-73835
- Babykin, M.V.** *see* Afonin, I.P. 8-54911
- Baca, R.G.**, King, I.P., Norton, W.R. Finite element models for simultaneous heat and moisture transport in unsaturated soils 8-92868
- Bacchella, G.L.** *see* Agramam, A. 8-88226
- Bacchilega, A.** *see* D'Agraves, B.C. 8-58362
- Bacci, C.** *see* Baldini-Celio, R. 8-89724
- Bacci, M.** Vibronic coupling in deoxyhemoglobin and deoxymyoglobin 8-70984
- Bacci, M.** Coexistence of two kinds of stable Jahn-Teller distortions in molecules with a fourfold symmetry axis 8-84176
- Bacci, M.** *see* Viliani, G. 8-56460
- Bace, M.** Approach to scaling in the MIT bag 8-62356
- Bace, M.** Comment on the perturbation-theoretic parameter Λ of QCD 8-89667
- Bach, A.**, Durr, D. On the equivalence between different methods of modelling diffusion processes 8-57818
- Bach, A.**, Durr, D., Korsch, H.J. Derivation of quasideterministic Fokker-Planck dynamics 8-93627
- Bach, A.** *see* Durr, D. 8-73940
- Bach, D.R.** *see* Steel, D.G. 8-55742
- Bach, F.** *see* Braestrup, M.W. 8-83270
- Bach, H.**, Christiansen, P.L. Numerical investigation of creep waves in water wave theory 8-90928
- Bach, H.**, Duffy, J.A. Study of PbO films on sodium borate glasses. I. Penetration of Pb^{2+} ions deeply into the glass 8-79535
- Bach, H.** *see* Duffy, J.A. 8-51750
- Bach, S.** *see* Dahne, G. 8-89575
- Bach, T.** Stark broadening of the Al resonance lines 8-58622
- Bach Yen Le** *see* Le Bach Yen
- Bacharach, R.Z.** Metal-semiconductor surface and interface states on (110) GaAs 8-95359
- Bacharach, S.L.** *see* Borer, J.S. 8-80957
- Bacharach, S.L.** *see* de Graaf, C.N. 8-80958
- Bachelier, A.** *see* Bauche-Arnoult, C. 8-62732
- Bachin, I.V.**, Korchagin, V.I., Krasovitskii, V.B. Excitation of non-linear low frequency electromagnetic waves in a plasma by a relativistic ion flux 8-59614
- Bachlich, B.S.** Determination of the temperature of the wall of a pipe in the case of variable coefficients of thermal and electric conductivity 8-90626
- Bachmann, G.** On the evolution of magnetic and velocity fields of an originating sunspot group 8-89143
- Bachmann, H.**, Fritscher, U., Kappler, F.W., Rusch, D., Werle, H., Wiese, H.W. Neutron spectra and tritium production measurements in a lithium sphere to check fusion reactor blanket calculations 8-62604
- Bachmann, K.** *see* Rudolph, J. 8-76902
- Bachmann, K.J.**, Shay, J.L. An InGaAs detector for the 1.0-1.7 μm wavelength range 8-49895
- Bachmann, K.J.**, Thiel, F.A., Ferris, S. The growth of In-rich bulk single crystals of $\text{Ga}_{1-x}\text{In}_x\text{P}$, $\text{Ga}_{1-x}\text{In}_x\text{As}$, via the gradient freeze method 8-68618
- Bachmann, K.J.** *see* Bettini, M. 8-52062
- Bachmann, K.J.** *see* Wakiyama, T. 8-80184
- Bachmann, P.** *see* Aue, W.P. 8-78724
- Bachmann, P.** *see* Ernst, R.R. 8-74044
- Bachmann, P.** *see* Kastelelewicz, H. 8-63544
- Bachor, B.** *see* Baberschke, K. 8-68370
- Bachrach, R.Z.**, Bianconi, A. Interface states at the Ga-GaAs interface 8-72259
- Bachrach, R.Z.**, Bianconi, A., Brown, F.C. Thin windowed gas absorption apparatus for use with storage ring synchrotron radiation sources 8-62955
- Bachrach, R.Z.**, Flodstrom, S.A., Bauer, R.S., Hastrom, S.B.M., Chadi, D.J. Surface resonances and the oxidation of single-crystal aluminum 8-72225
- Bachrach, R.Z.**, Flodstrom, S.A., Bauer, R.S., Rehn, V., Jones, V.O. Evaluation of the soft X-ray spectral throughput of platinum-coated, copper, synchrotron-radiation collection mirrors 8-62275
- Bachrach, R.Z.** *see* Bianconi, A. 8-74711
- Bachrach, R.Z.** *see* Brown, F.C. 8-62269
- Bachrach, R.Z.** *see* Hagstrom, S.B.M. 8-52634
- Bachrach, R.Z.** *see* Kallne, E. 8-63186
- Bachrach, R.Z.** *see* Petersen, H. 8-94257
- Bachrach, R.Z.** *see* Stohr, J. 8-62673
- Bachstein, F.** *see* Werner, C. 8-73489
- Bachtell, R.S.** *see* Bailey, J. 8-85376
- Bachurin, A.F.**, Dvoryashin, A.S., Eryushev, N.N. Radio emission of an intense active region on the Sun in July 1974 at wavelengths 3.5, 2.5 and 1.9 cm 8-65585
- Bachurin, A.V.** *see* Artemenkova, L.V. 8-89998
- Bachy, J.-L.**, van Eyll, C., Col, J., Lambotte, L., Charlier, A.A. Sequential improvements in an on-line algorithm for monitoring abnormal QRS events 8-81026
- Bacilek, J.** *see* Kubes, P. 8-63603
- Bacino, W.**, Ferguson, T., Nodulman, L., Slater, W., Ticho, H.K., Diamant-Berger, A., Faessler, M., Hall, A., Irwin, G., Kirkby, J., Merritt, F., Wojcicki, S., Burns, R., Condon, P., Cowell, P., Kirz, J. Measurement of the threshold behavior of $\tau^+\tau^-$ production in e^+e^- annihilation 8-70351
- Bacino, W.J.** *see* Slater, W.E. 8-86729
- Bacis, R.** *see* Brooke Koffend, J. 8-93765
- Baciu, I.** *see* Honciuc, M. 8-64046
- Baciu, I.** *see* Sofron, E. 8-83723
- Back, A.**, Freund, P.G.O., Forger, M. New gravitational instantons and universal spin structures 8-78128
- Back, B.B.**, Bjornholm, S. Fission induced by heavy-ion collisions 8-74412
- Back, L.H.**, Sarohia, V. Pressure pulsations on a flat plate normal to an underexpanded supersonic jet 8-94778
- Back, N.L.**, Baker, M.P., Cramer, J.G., Trainor, T.A. Analyzing power of $^{206}\text{Pb}(p,p_0)$ and $^{207}\text{Pb}(p,p_0)$ near the $3p_{1/2}$ isobaric analog resonance 8-78346
- Back, P.J.** *see* Harris, K.R. 8-80243
- Back, R.A.**, Willis, C., Ramsay, D.A. The near-ultraviolet absorption spectrum of diimide: a re-examination 8-78717
- Back, R.A.** *see* Selwyn, L. 8-85176
- Backe, H.**, Handschug, L., Hessberger, F., Kankleit, E., Nakayama, Y., Richter, L., Weik, F., Willwater, R., Berdermann, E., Bokemeyer, H., Greenberg, J.S., Kienle, P., Kozhuharov, Ch., Stettmeier, H., Vincent, P. Positron production in heavy ion collisions 8-50197
- Backe, H.**, Handschug, L., Hessberger, F., Kankleit, E., Richter, L., Weik, F., Willwater, R., Bokemeyer, H., Vincent, P., Nakayama, Y., Greenberg, J.S. Observation of positron creation in superheavy ion-atom collision systems 8-62873
- Backe, H.** *see* Daly, P.J. 8-93964
- Backenstoss, G.** *see* Pavlopoulos, P. 8-62443
- Backenstoss, G.** *see* Poth, H. 8-70979
- Backenstoss, G.** *see* Suffert, M. 8-54642
- Lacker, A.** *see* Alexander, G. 8-74251, 8-89766
- Backer, A.** *see* Berger, Ch. 8-62414, 8-89725
- Backer, D.C.** Scattering of radio emission from the compact object in Sagittarius A 8-54049
- Backer, D.C.** *see* Cordes, J.M. 8-93291
- Backfisch, W.** *see* Schwalbe, K.-H. 8-60789
- Backlin, A.** *see* Greenwood, R.C. 8-89819
- Backlin, A.** *see* Jonsson, N.-G. 8-70716
- Backman, D.E.** *see* McClintock, J.E. 8-93468
- Backman, D.G.** *see* Ramati, S.D. 8-80569
- Backstrom, G.** Circuitry for A.C. thermometry and DC heating in measurements of thermal properties 8-74000
- Backstrom, G.** *see* Malmhall, R. 8-56125, 8-68019
- Backstrom, G.** *see* Ross, R.G. 8-67871
- Backstrom, G.** *see* Sundqvist, B. 8-95283
- Backus, J.** Multiphonic tones in the woodwind instruments 8-51017
- Backvall, J.E.** *see* Mjoberg, P.J. 8-55168
- Backx, E.** *see* Rammant, J.P. 8-92872
- Baclic, B.S.** Optimal reference temperature for thermophysical properties in transient non-linear heat conduction problems 8-94517
- Baclic, B.S.**, Sekulic, D.P. On the equation describing the transient flow of a compressible liquid through deformable porous media 8-63490
- Bacmann, M.** *see* Wolfers, P. 8-68170
- Bacon, C.R.** *see* Western, A.B. 8-80301
- Bacon, F.M.** Gas discharge ion source. I. Duoplasmatron 8-58092
- Bacon, F.M.**, Bickes, R.W., Jr., O'Hagan, J.B.O. Gas discharge ion source. II. Duopigatron 8-54505
- Bacon, G.** *see* Bories, S. 8-94542
- Bacon, M.P.** Radioactive disequilibrium in altered mid-oceanic basalts 8-96186
- Bacon, T.C.** *see* Cameron, W. 8-54653
- Bacquet, G.**, Dib, J., Wu, C.Y., Wertheimer, M.R., Yelon, A., Densley, J.R., Boggs, S.A. ESR study of free radicals in electrical trees in polyethylene [high voltage cable insulation] 8-60393
- Bacri, J.** *see* Gomes, A.M. 8-67602
- Bacry, H.** The projective Lie algebra of the Lorentz group and homographic transformations 8-57739
- Bacry, H.** Eigenstates of complex linear combinations of J_1, J_2, J_3 for any representation of $\text{SU}(2)$ 8-58139
- Bacry, H.** Physical significance of minimum uncertainty states of an angular momentum system 8-93559
- Bacskay, G.B.** *see* Greedy, J.E. 8-74561, 8-74592
- Bacskay, G.B.** *see* Taylor, P.R. 8-94185
- Bacus, J.W.** *see* Mui, J.K. 8-73281
- Baczynski, A.**, Marszalek, T. On rate equations of dye laser 8-82961
- Baczynski, Z.F.** Nonlinear discrete-continuous model of elastic layered medium 8-81844
- Bada, J.L.** *see* Schroeder, R.A. 8-73415
- Badalov, A.Z.** *see* Abdullaev, G.B. 8-95385
- Badalyan, A.G.**, Baranov, P.G., Zhitnikov, R.A. Formation of electron centers and self-localized holes as a result of illumination of doped alkali halide crystals 8-91947
- Badalyan, A.M.**, Polikarpov, M.I., Simonov, Yu.A. Resonances due to annihilation in the NN system 8-66143
- Badalyan, D.A.**, Khachatryan, A.G. Correlation in statistical theory of liquid crystals 8-75536
- Badalyan, N.N.** *see* Azizbekyan, G.V. 8-50550
- Badalyan, V.G.**, Kazanets, V.F. Influence of ultrasonic strains in internal friction of copper 8-76685
- Badami, D.V.** *see* Harwood, C. 8-91452
- Badawy, I.**, Berthier, B., Charles, P., Dost, M., Fernandez, B., Gastebois, J., Lee, S.M. Elastic scattering of alpha particles near the Coulomb barrier and matter distribution of medium and heavy nuclei 8-66291
- Badawy, O.E.**, Abdo, K.M., Tawfik, M. In-elastic interactions of 6.0 GeV/c protons with C, N, O and Ag, Br nuclei 8-86530
- Badawy, O.E.**, El-Naghy, A.A., Hussein, A., Mettwali, N., Sherif, M.M. Inelastic interactions of 69 GeV/c protons with emulsion nucleons 8-66161
- Badawy, O.E.**, El-Sourougy, A.A. Statistical fluctuations of (d,p) and (d, α) reactions on ^{32}S target nuclei at 135° 8-89882
- Badawy, O.E.**, Hussein, M.T. Effective target mass distribution in relativistic proton-nucleon inelastic interactions 8-66162
- Badawy, O.E.**, Sherif, M.M., El-Naghy, A.A., Hussein, A., Mettwali, N. Topological cross-section and angular distribution of charged secondaries in 69.0 GeV/c nucleon-nucleon scattering 8-78219
- Badea, M.**, Raduta, A.A. Upon an extension of the coherent state model to the description of the negative parity bands 8-89782
- Badelek, B.**, Berthot, J., Burq, J.P., Chemarin, M., Chevallier, M., Cotte, P., Dore, C., Douhet, G., Dahlgren, S., Ekelof, T., Grafstrom, P., Gajewski, W., Hagberg, E., Hallgren, A., Ille, B., Jonsson, S., Kullander, S., Lambert, M., Martin, J.P., Maury, S., Meritet, L., Nassalski, J., Querrou, M., Vazeille, F. Spectrometers for measuring of recoils and scattered particles from 5 GeV pion-helium interactions 8-90011
- Badellon, D.**, Benech, A. Rapid estimation of annual average concentration around a single source 8-81382
- Bader, G.** *see* Lepine, Y. 8-87925
- Bader, R.F.W.**, Srebnik, S., Tung Nguyen-Dang, T. Subspace quantum dynamics and the quantum action principle 8-65798
- Bader, R.F.W.** *see* Srebnik, S. 8-70002
- Bader, S.D.**, Blakely, J.M., Brodsky, M.B., Fridde, R.J., Panosh, R.L. ELS and LEED study of CO adsorption on $\text{Pd}(001)$ and $\text{Pd}(001) 6^\circ$ [110] 8-71987
- Bader, S.O.** *see* Orent, T.W. 8-75918
- Badertscher, N.L.**, Horgan, D.N., Jr. The effects of fusion reactor size and availability on utility operations 8-58409
- Badescu, V.** *see* Luca, E. 8-92514
- Badescu-Singureanu, A.I.** *see* Ursu, I. 8-86705
- Badhwar, G.D.**, Golden, R.L., Lacy, J.L., Zipse, J.E., Daniel, R.R., Stephens, S.A. Relative abundance of antiprotons and antihelium in the primary cosmic radiation 8-73594

- Badiali, J.P.**, Bizid, A., Lestrade, J.C., Regnaut, C. Short range repulsive forces and liquid gallium structure factor from 163K to 1303K 8-75528
- Badiali, M.**, Ballard, D.H., Bertuzzi, A., Matteucci, M. Peak analysis of electrophoretic strips 8-64928
- Badilenko, G.F.** see Movchan, B.A. 8-80554
- Badkte, D.H.** see Aschman, D.G. 8-78201
- Badlukov, V.F.** Existence theorems for the problem of scattering on a periodic surface 8-73890
- Bado, P.**, van den Bergh, H. Pressure dependence in the multiphoton dissociation of $^{32}\text{SF}_6$ 8-73061
- Badot, J.C.** see Colombar, P. 8-52742
- Badoz, J.** see Fournier, D. 8-62227
- Badur, A.**, Muller, A. Consequence analyses of hypothetical accidents of high temperature gas-cooled reactors 8-58381
- Badur, A.** see Wolters, J. 8-58390
- Badyukov, V.F.** Uniqueness theorems for the scattering problem on a periodic surface 8-49677
- Badziag, K.**, Trampczynski, W. On the M.Sc. theses for the pedagogical direction of studies 8-73808
- Badziak, J.** Laser-pulse propagation in two-photon absorbers 8-50862
- Badziak, J.**, Jankiewicz, Z. Noncoherent two-photon amplification of a laser pulse 8-63150
- Baecker, R.** see Tsotsos, J. 8-81031
- Baer, D.R.**, Fraass, B.A., Riehl, D.H., Simmons, R.O. Lattice parameters and thermal expansion of solid CD_2 8-51526
- Baer, E.** see Kapur, S. 8-76757
- Baer, E.** see Rickert, S.E. 8-91565
- Baer, H.W.** see Bevington, P.R. 8-78207
- Baer, J.R.**, Lewis, D., III In vitro degradation of a ceramic-ceramic composite 8-85011
- Baer, M.** Electronic non-adiabatic transitions in the reaction $\text{Ar}^+ + \text{H}_2 (\nu=0) \rightarrow \text{ArH}^+ + \text{H}$. A comparison between exact collinear results and a two-state model calculation 8-73035
- Baer, M.** Incorporation of rotational effects into vibrational distributions in chemical reactions 8-80717
- Baer, M.B.** see Johnson, R.L. 8-54966
- Baer, S.** Form of the radial distribution function and the structure factor, derived from the 'structural diffusion' model for liquids 8-51403
- Baer, S.** Dynamic structural correlations and van Hove's correlation function for liquids 8-94958
- Baer, T.**, Murray, P.T., Squires, L. Total cross sections for symmetric charge transfer reactions of O_2^+ in selected translational and internal energy states 8-73028
- Baer, T.** see Inokuti, M. 8-58626
- Baerends, E.J.** see Miller, D.J. 8-70740
- Baeri, P.**, Campisano, S.U., Foti, G., Rimini, E. Arsenic diffusion in silicon melted by high-power nanosecond laser pulsing 8-79789
- Baeri, P.** see Della Mea, G. 8-80824
- Baeriswyl, D.** see Beck, H. 8-79704
- Baetzold, R.C.** Size and geometric effects in copper and palladium metal clusters 8-73131
- Baev, V.M.**, Belikova, T.P., Svidzenkov, E.A., Sutchkov, A.F. Detection of very weak absorption lines with the aid of neodymium-glass and dye lasers 8-89561
- Bagaev, S.A.**, Ognetov, O.V., Smirnov, V.B., Tolmachev, Yu.A., Nikolaeva, L.P. Transfer excitation energy between $n=5$ levels in He I 8-70942
- Bagaev, S.A.**, Smirnov, V.B., Evtushenko, I.N. Accuracy in determining periods of interference beats of nondegenerate states 8-70807
- Bagaev, V.N.**, Okulov, V.I., Pamyatnykh, E.A. Low temperature magnetic susceptibility quantum oscillations and magnetic instabilities in the electron liquid of a metal 8-87928
- Bagaev, V.S.**, Pokrovskii, Ya.E. Electron-hole droplets in semiconductors 8-72081
- Bagaev, V.V.**, Izvovchikov, A.B., Kalinkevich, I.F., Maidl, Yu.V., Petrov, M.P. Multichannel atomic analyser with automatic data recording for the TM-3 Tokamak 8-67420
- Bagai, R.K.**, Borle, W.N. Structural defects on (115) plane of silicon 8-87675
- Baganis, E.A.** see Kirkaldy, J.S. 8-64524
- Bagautdinov, A.A.** see Ginzburg, I.P. 8-83451
- Bagchi, A.** Influence of refraction of p-polarized light on photoemission from metallic surface states 8-72686
- Bagchi, B.**, Gautam, V.P. Decay constants of the 'charmed' D and F mesons 8-62392
- Bagchi, B.**, Gautam, V.P., Nandy, A. Dipionic decays of pions in a local derivative coupling model 8-58184
- Bagchi, B.** see Arnold, L.G. 8-66239
- Bagchi, B.** see Nandy, A. 8-70371
- Bagchi, K.K.** see Debnath, L. 8-51177
- Bagdasarov, A.A.** Size calculation of lens-array illumination systems 8-59110
- Bagdasarov, K.N.** see Popov, A.P. 8-76975
- Bagdasarov, Kh.S.**, Fedorov, E.A., Belykh, I.G. Energy of block boundaries parallel to the (1120) with rotation axes along the [1100] in leucosapphire crystals 8-55877
- Bagdasarov, Kh.S.**, Goryainov, L.A. Analytical investigation into heat transfer processes in device for producing single crystals by vertical directional crystallisation method 8-52654
- Bagdasarov, Kh.S.** see Arsenev, P.A. 8-63160, 8-64408
- Bagdasaryan, A.S.** see Aznauryan, I.G. 8-66116
- Bagdasaryan, Kh.S.**, Kirjkhin, Yu.I., Sinitsina, Z.A. Biphonetic reactions: general characteristics 8-80763
- Bagdasova, O.V.** Dimensional design of a one-component objective for a fibre endoscope 8-69228
- Bagdisaryan, Yu.V.**, Borisov, I.V., Gaushev, E.V., Zybin, Yu.N., Ivanov, O.A. Shoreline information in problems of autonomous navigation of satellites 8-53732
- Baggett, N.** see Alam, M.S. 8-66167
- Baghdadi, A.** see Gurtler, R.W. 8-76597
- Baghus, A.** see Maas, J.W. 8-66206
- Bagieu-Beucher, M.** Crystal structure of bivalent manganese polyphosphate $[\text{Mn}(\text{P O}_3)_3]$ 8-55843
- Bagieu-Beucher, M.**, Guitel, J.C. Refinement of the crystal structure of scandium tetrametaphosphate: $\text{Sc}_4(\text{P O}_{12})_3$ 8-55842
- Bagin, V.I.**, Gendler, T.S., Dainyak, L.D., Sukhorada, A.V. Stability of the magnetic products of biotite decomposition 8-57195
- Baginskii, I.L.**, Kostov, E.G. Effect of the sharp rise of a pulse current in dielectric films subject to strong electric fields 8-64156
- Baginskii, V.M.**, Dmitriev, A.I. The relaxation time study by Shubnikov-de Haas effect in $\text{Pb}_{0.82}\text{Sn}_{0.18}\text{Te}$ narrow band-gap semiconductors 8-80006
- Bagirov, A.G.** see Abdullaev, G.B. 8-72607
- Bagirov, M.A.**, Abasov, S.A., Ragimov, Ya.G., Abbasov, T.F. Temperature-time dependence of the electric strength of polymers 8-76386
- Baglee, D.**, Zakzkou, A.K., Eccleston, W., Stuart, R.A. Thickness and field dependence of defects in silicon dioxide 8-56250
- Bagley, B.G.** see Matsysk, K.J. 8-72050
- Bagley, J.O.** see Heilmann, J.L. 8-65351
- Bagley, M.**, Main, P.C., Hook, J.R., Sandiford, D.J., Hall, H.E. Direct observation of orbital dissipation and superflow collapse in $^3\text{He-A}$ 8-91501
- Baglin, C.** see Alam, M.S. 8-66167
- Baglin, J.**, d'Heurle, F., Petersson, S. An alternative marker experiment in the formation of Mo and W silicides 8-87828
- Baglin, J.** see Zirinsky, S. 8-76773
- Bagmet, A.D.** see Tsykalo, A.L. 8-75544, 8-91239
- Bagnall, R.D.**, Arundel, P.A. The profile area of pendant drops 8-81943
- Bagnaud, P.**, Feschotte, P. The binary systems magnesium-copper and magnesium-nickel, especially the nonstoichiometry of the MgCu_2 and MgNi Laves phases 8-52770
- Bagolia, C.**, Doshi, N., Lal, D. Preatmospheric size of the Barwell meteorite: cosmic-ray track, fusion crust and thermoluminescence studies 8-53893
- Bagotskaya, I.A.**, Grigor'ev, N.B., Dubova, L.M. Effect of the specific interaction of a solvent with electrode metal on the structure of the electric double layer and adsorption 8-61023
- Bagraev, N.T.**, Vlasenko, L.S., Zhitnikov, R.A. Dynamic polarization of nuclear moments in optically pumped CdSe 8-68411
- Bagree, K.R.** see Deshpande, D.A. 8-80422
- Bagree, K.R.** see Kher, V.G. 8-64313
- Bagrov, N.M.**, Dreiter, V.E. Determining the range of preventive maintenance in technical servicing of medical equipment 8-85421
- Bagrov, V.G.**, Gitman, D.M., Zadorozhnyi, V.N., Shapovalov, A.V., Shapovalov, V.N. Exact solutions of the Dirac equation. IX 8-49954
- Bagrowski, J.**, Derentowicz, H., Fruczek, M., Gluchowski, W., Kaliski, S., Ziolkowski, Z. Experimental verification of explosion-induced profiling of a plane shock wave through layer systems 8-51331
- Bagrowski, J.** see Kaliski, S. 8-83425
- Bagshaw, M.A.** see Pistenma, D.A. 8-73220
- Bagus, P.S.** see Alvarado, S.F. 8-92172
- Bagus, P.S.** see Hermann, K. 8-71978
- Bagus, P.S.** see Pacansky, J. 8-78646
- Bahadur, H.**, Parshad, R., Hepworth, A., Lall, V.K. Electron contrast effects from oscillating quartz crystals seen by the scanning electron microscope 8-88255
- Bahadur, S.** see Jain, V.K. 8-64726
- Bahadur, S.** see Kar, M.K. 8-64727
- Bahar, E.** Transient electromagnetic response from irregular models of the Earth's surface 8-57165
- Bahar, E.** Full wave and physical optics solutions for scattered radiation fields by rough surfaces—energy and reciprocity relationships 8-66717
- Bahar, L.Y.**, Kwatny, H.G., Massimo, F.M. Direct and inverse variational characterization of linear nonconservative systems 8-93527
- Bahar, L.Y.**, Rice, J.S. Simplified derivation of the reaction-time history in aircraft impact on a nuclear power plant 8-89958
- Baharie, E.** see Nemes, R.J. 8-80307
- Bahcall, J.N.** On the origin of quasar absorption lines 8-57684
- Bahcall, J.N.**, Cleveland, B.T., Davis, R., Jr., Dostrovsky, I., Evans, J.C., Jr., Frati, W., Friedlander, G., Lande, K., Rowley, J.K., Stoerner, R.W., Weneser, J. Proposed solar-neutrino experiment using ^{71}Ga 8-58563
- Bahcall, J.N.**, Turner, E.L. The Hubble diagrams for quasars 8-57691
- Bahcall, J.N.** see Milgrom, M. 8-77614
- Bahe, F.**, Schurath, U. Measurement of $\text{O}(^1\text{D})$ formation by ozone photolysis in the troposphere 8-73536
- Bahgat, A.A.**, Fayek, M.K., Salah, S.H., Eissa, N.A. Effect of divalent iron on the Mossbauer parameters of $\text{Co}_{x-2}^{2+}\text{Fe}_{1-x}^{2+}\text{Fe}_2^{3+}\text{O}_4$ ferrites 8-76360
- Bahgat, A.A.** see Eissa, N.A. 8-52390
- Bahgat, A.E.-D.A.** see Eissa, N.A. 8-68875
- Bahia, A.M.**, Lilley, T.H., Tasker, I.R. The osmotic coefficients of aqueous CsCl and $\text{CsCl}+\text{KCl}$ mixtures at 298.15K 8-92509
- Bahl, M.K.**, Watson, R.L., Irgolic, K.J. $\text{M}_{1/2}\text{V}_{1/2}\text{NN}$ Auger spectra of tellurium and some of its compounds 8-58638
- Bahnsen, A.** Recent techniques of observations and results from the magnetopause regions 8-61668
- Bahr, A.J.** Nondestructive microwave evaluation of ceramics 8-95866
- Bahr, G.K.** see Silberstein, E.B. 8-65112
- Bahr, K.** see Andersen, T. 8-86815
- Bahr, K.** see Horsdal Pedersen, E. 8-58794
- Bai, T.** see Matzler, C. 8-93176
- Bai-Lin Hao** see Hao Bai-Lin
- Baianu, I.C.** X-ray scattering by partially disordered membrane systems 8-91196
- Baibakov, O.V.** Measuring sub-atmospheric and small excess fluid pressures 8-81940
- Baican, R.** see Burzo, E. 8-91961
- Baidakov, L.A.**, Funtikov, V.A. The temperature dependence of the optical absorption edge in glasses of the As-Se-Ti system 8-88328
- Baidakov, L.A.**, Panus, V.R. A magnetochemical study of glasses in the Ge-As-Te system 8-88092
- Baidakov, L.A.** see Tsarev, V.S. 8-64184
- Baider, A.**, Cherkas, B. Hypoelliptic infinitesimal generators 8-65755
- Baier, F.V.**, Tirsh, G. Compact groups of compact galaxies. VIII 8-93125
- Baier, F.W.**, Mai, W. Further investigations of clusters of galaxies 8-57659
- Baier, F.W.**, Mai, W. Further investigations of clusters of galaxies 8-81693
- Baier, F.W.**, Mai, W. The distribution of galaxies in the field of the Hercules supercluster 8-93437
- Baier, H.** see Hammel, E.J. 8-82295
- Baier, H.J.** Characteristics of optimality criteria methods in design of elastic structures 8-83253
- Baier, R.**, Cleymans, J., Petersson, B. Relations for hadron pairs at large p, in the elastic quark-quark scattering model 8-66092
- Baier, V.N.**, Katkov, V.M., Strakhovenko, V.M. Polarization of electrons by radiative separation in the case of an inhomogeneous magnetic field 8-82076
- Baier, V.N.**, Milshstein, A.I. Radiative effects near cyclotron resonance 8-86432
- Baierlein, R.** The amplification of magnetic fields during the radiation era 8-96577
- Baierlein, R.** see Spero, A. 8-62129
- Baigoztin, A.**, Rodionova, M.S., Panfilenok, E.I., Bereznikovskaya, L.V., Belova, I.V. Methods of protecting optical components made out of chemically unstable glasses from biological overgrowths 8-59107
- Baigubekov, A.S.** see Takibaev, Zh.S. 8-78546
- Baiker, M.**, Emilenko, A.S., Rosenberg, G.V. Radiation modulation of the aerosol state by moving clouds 8-88916
- Baiko, V.A.** see Basov, N.G. 8-50799
- Baikov, O.G.**, Tuzov, V.G. Apparatus for recording the spatial distribution of the radiation intensity in a caustic 8-58007
- Baikov, V.I.** see Shul'man, Z.P. 8-59371
- Baikova, N.D.** see Abakumov, B.M. 8-50716, 8-74862
- Baikova, S.A.**, Sedakova, L.I., Gritskova, I.A., Kuznetsov, V.L., Shteinberg, S.A., Chernaya, V.V. Some properties of isoprene-styrene latexes 8-53266
- Bailey, A.G.** see Borzabadi, E. 8-87846
- Bailey, C.D.** Direct analytical solutions to non-uniform beam problems 8-63361
- Bailey, C.D.** see Pless, W.M. 8-60925
- Bailey, D.** see Ando, M. 8-75489
- Bailey, D.** see Zimmerman, G. 8-58478
- Bailey, E.H.** see Jones, D.L. 8-81136

- Bais, F.P., Black, K.J.T.** The effect of ambient atmosphere on the gold-to-alumina solid state reaction bond 8-67914
- Bailey, G.J., Moffett, R.J., Murphy, J.A.** Interhemispheric flow of thermal plasma in a closed magnetic flux tube at mid-latitudes under sunspot minimum conditions 8-93035
- Bailey, G.J.** *see* Heelis, R.A. 8-96340
- Bailey, J., Bachtell, R.S., Colbert, C., Himes, J.H.** Computer-assisted measurement of cortical bone 8-85376
- Bailey, J.A., Jones, D.H.P., Parkes, G.E., Mason, K.O.** Photometry and polarimetry of AM Herculis 8-65657
- Bailey, J.E.** *see* Parvizi, A. 8-95800
- Bailey, J.J.** *see* de Graaf, C.N. 8-80958
- Bailey, J.M.** *see* Auld, E.G. 8-90111
- Bailey, J.M.** *see* Broverman, A.Y. 8-71560
- Bailey, J.M.** *see* Burenko, O. 8-71528
- Bailey, M.E., Clube, S.V.M.** Recurrent activity in galactic nuclei 8-89261
- Bailey, P.B.** Automatic calculation of the energy levels of one-electron diatomic molecules 8-90064
- Bailey, R.H., Newman, W.A.** Origin and significance of cylindrical sedimentary structures from the Boston Bay Group, Massachusetts 8-69343
- Bailey, R.T.** *see* Sankaranarayanan, V.N. 8-72516
- Bailey, T.A., Smith, A., Turner, M.J.L.** A simple method for obtaining high background rejection in large area proportional counters 8-93108
- Bailey, W.E., Hatfield, L.L., Marshall, B.J.** Thin film thickness monitor shutter 8-56583
- Bailey, W.H., Jr.** Line spread instrumentation for propagation measurements 8-83013
- Bailey, W.H., Jr.** Line spread instrumentation for propagation measurements 8-83015
- Bailin, D., Dombey, N.** Low energy neutrino elastic scattering and supernova explosions 8-89056
- Bailin, D., Love, A.** Topology of singularities in the A₁ phase of superfluid ³He 8-51772
- Bailin, D., Love, A.** Topology of non-singular textures of superfluid ³He 8-84021
- Bailleul, G., Coville, P., Humbert, D.** A new concept for high flux, high power rod heaters 8-86649
- Baillie, O.** Villalobos *see* Villalobos Baillie, O.
- Baillif, R.** *see* Flukiger, R. 8-92187
- Bailliy, D., Farreng, R., Rossetti, C.** Vibrational luminescence of CO₂ excited by DC discharge. Rotational and vibrational molecular constants 8-58867
- Bailon, C.** *see* Roy, L.J. 8-82353
- Bailon, J.P., Masounave, J., Lantaigne, J.** Comments on 'The effect of prior austenite grain size on near-threshold fatigue crack growth' 8-92341
- Bain, A.D.** Modulation of NMR spin echoes in coupled systems 8-80242
- Bain, A.S.** Fuel performance in NPD while operating with two-phase coolant 8-89950
- Bain, A.S., Christie, J., Hastings, I.J.** Performance of ThO₂-UO₂ fuel irradiated in the NRU reactor at CRNL 8-86621
- Bain, E.** *see* Raju, M.R. 8-85336, 8-85337
- Bain, W.H.** *see* Guidoin, R. 8-69250
- Bainbridge, A.** *see* Broecker, W.S. 8-73386
- Bainbridge, G.R.** *see* Hrynyszak, W. 8-86568
- Bains, M.E.D.** *see* Ramsden, D. 8-80967
- Bainum, D.E.** *see* Goodman, C.D. 8-55085
- Bair, C.H.** *see* Rogowski, R.S. 8-58679
- Bairachnyi, Yu.I.** *see* Demekhin, V.F. 8-86777, 8-92145
- Bairamov, A.A., Budagov, Yu.A., Valkar, S., Vinogradov, V., Volodko, A.G., Dvornik, A.M., Lomakin, Yu.F., Flyagin, V.B., Kharzeev, Yu.N., Khubua, D.I.** Determination of space-time characteristics of the generation of charged pions in interactions of π^- mesons with carbon nuclei at the momentum of 5 GeV/c 8-78422
- Bairamov, A.I., Gurevich, A.G., Emiryani, L.M., Parfenova, N.N.** Influence of selenium vacancies on ferromagnetic resonance in silver-doped CdCr₂Se₄ crystals 8-60338
- Baird, A.I.** *see* Fry, F.J. 8-69135
- Baird, A.K.** *see* Keil, K. 8-85884
- Baird, D.G., Smith, J.K.** Dilute solution properties of poly(1,4-phenylene terephthalamide) in sulfuric acid 8-75524
- Baird, E.D.** *see* Molvik, A.W. 8-54917
- Baird, G.A.** *see* Palumbo, G.G.C. 8-69890
- Baird, G.E.** *see* Raspet, R. 8-62583
- Baird, J.K.** *see* Rice, S.A. 8-95918
- Baird, K.M.** *see* Whitford, B.G. 8-90445
- Baird, N.C.** Molecular geometry predictions using simple MO theory: AX_n systems (n=2-7) 8-93497
- Baird, R.J.** *see* McCune, R.C. 8-56942
- Baird, S.** *see* Vlastou, R. 8-78400
- Baird, T.** Deposition of columnar and laminar forms of carbon on polycrystalline nickel foils 8-63943
- Bais, F.A., Weldon, H.A.** Exact monopole solutions in SU(n) gauge theory 8-82103
- Baisa, D.F., Ochvarenko, A.I., Trofimov, A.S., Chesnokov, E.D.** Peculiarities of molecular dynamics in liquid crystal near the nematic-isotropic liquid phase transition 8-84495
- Baisa, D.F., Pogrebnyak, S.V., Safronov, V.V., Shadchin, E.A.** Cross relaxation in a spin system with an inhomogeneously broadened line 8-88218
- Baisa, D.F.** *see* Belyaev, A.D. 8-72465, 8-91729
- Baisburd, S.E.** *see* Zedina, I.N. 8-95730
- Baisden, P.A., Leber, R.E., Nurmia, M., Nitschke, J.M., Michel, M., Ghiorso, A.** Isomeric states in ²¹³Bi 8-82282
- Baity, W.A.** *see* Maraschi, L. 8-54092
- Baivel, L.P.** *see* Lagunov, A.S. 8-49876
- Baixerias, J., Mencaraglia, D., Andro, P.** Enhanced photoconductivity in nitrogen-doped amorphous silicon prepared by DC sputtering 8-56183
- Baixerias, J., Mencaraglia, D., Andro, P.** Conductivity and photoresponse of amorphous silicon obtained by DC sputtering 8-64155
- Bajaj, K.K.** *see* Almasy, R.J. 8-72248
- Bajgarin, K.A.** *see* Afonin, I.P. 8-54911
- Bajor, G.** *see* Wicksham, C.E. 8-84098
- Bajorek, R., Parosa, R., Reszke, E.** On departure from LTE in microwave plasma generated at atmospheric pressure 8-67597
- Bak, B., Nielsen, O.J., Svanholt, H.** Production and microwave spectra of dithioformic acid, HCSH 8-58671
- Bak, P., Brazovsky, S.A.** Theory of quasi-one-dimensional conductors: Interaction between chains and impurity effects 8-72138
- Bakaev, D.S., Rudenko, A.I.** Semiconductor photodiode in conditions of pulsed exposure 8-49905
- Bakaev, V.I.** *see* Kogan, L.I. 8-53750
- Bakai, A.S.** Convective transport in a turbulent plasma 8-75336
- Bakal, A.S., Romanova, V.I., Sinel'nikov, V.M., Solodovnikov, G.K.** The heterogeneous structure of the low-latitude ionosphere 8-96338
- Bakale, G.** *see* Doldissen, W. 8-72218
- Bakaleinikov, L.A.** *see* Babanin, V.I. 8-67426
- Bakalyar, D., Babcock, J., Kiely, J., Weymann, W.** Nuclear orientation studies of the manganese in copper Kondo system 8-68421
- Bakalyar, D.** *see* Babcock, J. 8-68396
- Bakalyarov, A.M.** *see* Aleshin, V.I. 8-78567
- Bakan, S., Koepke, P., Quenzel, H.** Radiation calculations in absorption bands: comparison of exponential series- and path length distribution-method 8-61554
- Bakan, S., Quenzel, H.** Calculation of atmospheric water vapor absorption including multiple scattering 8-61553
- Bakay, A., Jaszay, T.** High performance jet condensers for steam turbines 8-94793
- Bakeev, N.F.** *see* Sinevich, E.A. 8-88558
- Bak on, R.J.** Estimation of lung volume change from torso hemicircumferences 8-65141
- Baker, T.J.** *see* Cocks, G.J. 8-52790
- Baker, A.D., Brisk, M.A., Liotta, D.C.** Electron spectroscopy: ultraviolet and X-ray excitation 8-85225
- Baker, A.G.** *see* Western, A.B. 8-80301
- Baker, A.J., Soliman, M.O., Pepper, D.W.** A time-split finite element algorithm for environmental release prediction 8-92880
- Baker, A.R., Teague, H.J.** Role of fission products in whole-core accidents in fast reactors 8-54854
- Baker, C.** The fission gas bubble distribution in a mixed oxide fast reactor fuel pin 8-78459
- Baker, C., Cockerill, I.P., Kelsey, J.E., Maddams, W.F.** The characterization of infrared absorption band shapes. I. Methods 8-86918
- Baker, C., Johnson, P.S., Maddams, W.F.** The characterization of infrared absorption band shapes. II. Experimental studies 8-86919
- Baker, C., Maddams, W.F., Grasselli, J.G., Hazle, M.A.S.** The characterization of Raman band shapes 8-86920
- Baker, C.L., Jr.** Nonlinear system analysis of computer models of repetitive firing 8-80854
- Baker, C.L., Jr., Hartline, D.K.** Nonlinear systems analysis of repetitive firing behavior in the crayfish stretch receptor 8-80853
- Baker, C.R., Chow, L.R.** Effect of sampling errors on [acoustic] array gain 8-66975
- Baker, D.J., Pendleton, W.R., Jr., Romick, G.J., Wickwar, V.B., Baron, M.J.** An auroral enhancement of O₂λ1.27-μm emission 8-81485
- Baker, D.R., Shu-Tso Lee** Dual laser interferometer for plasma density measurements on large Tokamaks 8-71542
- Baker,**

- Bakhvalov, N.S.**, Zhileikin, Ya.M., Zabolot-skaya, E.A., Khokhlov, R.V. Focused high-amplitude sound beams 8-94465
- Bakhvalov, N.S.** *see* Abaliev, M.A. 8-83026
- Bakhvalova, V.V.**, Borovkov, V.M. National primary high-pressure standard 8-49855
- Bakish, R.** Process and equipment developments in electrothermics and metallurgy over the last twenty-five years 8-92437
- Bakker, H.**, Van Ommen, A.H. A calculation of vacancy concentration and thermodynamic properties of VIII-IIIa intermetallic compounds with the B2-structure 8-59801
- Bakker, N.J.** *see* Erriquez, O. 8-78170
- Bakker, R.** *see* The, P.S. 8-77557
- Baklagina, Yu.G.** *see* Sidorovich, A.V. 8-75571
- Baklanov, E.V.**, Chebotayev, V.P. Two-photon absorption of ultrashort pulses in a gas 8-59077
- Baklanov, M.R.** *see* Algazin, Yu.B. 8-49885
- Baklanova, L.M.**, Larikov, L.N., Ustinov, A.I., Chuistov, K.V. Crystal structure of chromium below the Neel temperature 8-83772
- Bakonyi, I.** Magnetization curves of uniaxial materials with shape anisotropy 8-60313
- Bakos, L.** *see* Griffith, K.H. 8-92586
- Bakoyorgos, P.** *see* Cindro, N. 8-74384
- Baksht, F.G.**, Dyuzhev, G.A., Shkolnik, S.M., Yuriev, V.G. Probe diagnostic of low temperature plasma in magnetic field 8-63597
- Baksht, F.G.**, Dyuzhev, G.A., Shkolnik, S.M., Yur'ev, V.G. Probe diagnostics in a highly ionized plasma 8-79474
- Baksht, F.G.**, Dyuzhev, G.A., Tsirkel', B.I., Shkolnik, S.M., Yur'ev, V.G., Antonov, S.V., Vainberg, L.I., Kazanets, G.I. Probe diagnostics of a low-temperature plasma in a magnetic field. I. Experimental procedure and determination of the plasma density 8-67418
- Baksht, F.G.**, Dyuzhev, G.A., Tsirkel', B.I., Shkolnik, S.M., Yur'ev, V.G., Antonov, S.V., Vainberg, L.I., Kazanets, G.I. Probe diagnostics of a low-temperature plasma in a magnetic field. II. Determination of the electron temperature and the plasma potential 8-67419
- Baksht, F.G.**, Dyuzhev, G.A., Tsirkel', B.I., Shkolnik, S.M., Yur'ev, V.G., Antonov, S.V., Vainberg, L.I., Kazanets, G.I. Probe diagnostics of cool plasmas in a magnetic field. III. Electron saturation current of the probe characteristic 8-79473
- Baksht, F.G.**, Rybakov, A.B. Arc theory for a hollow cathode discharge in a fully ionized dense plasma 8-67533
- Bakstad, P.J.** *see* Douglass, R.H., Jr. 8-96235
- Baktash, C.**, Saladin, J.X., O'Brien, J.J., Alessi, J.G. Electromagnetic properties of ^{194}Pt and the question of its triaxiality 8-82269
- Bakulin, V.N.**, Gorbatshev, F.F. Influence of the characteristics of adjoining media on the amplitude of a refracted transverse wave 8-94614
- Bakumenko, S.P.** *see* Shchelukhin, E.M. 8-75222
- Bakumenko, V.L.**, Chishko, V.F. Electrical properties of 'optical' contacts between layer semiconductors 8-56222
- Bakun, A.A.** *see* Asnin, V.M. 8-80025
- Bakunov, V.S.** *see* Sokolova, L.V. 8-84748
- Bakut, P.A.**, Loginov, V.A., Mandrosov, V.I., Troitskiy, I.N. Joint measurements of angular coordinates and range on the basis of the phase front 8-78933
- Bakut, P.A.**, Sviridov, K.N., Troitskiy, I.N., Ustinov, N.D. Synthesis of algorithms for optimum processing of light fields 8-71047
- Bakut, P.A.**, Vygon, V.G., Shumilov, Yu.P. Estimate of the accuracy of the measurement of the light spot location on the photocathode of a radiation quantum detector 8-77832
- Bakuto, I.A.** *see* Bushik, A.I. 8-71602
- Balaam, N.P.** *see* Rowe, R.K. 8-59313
- Balaban, V.M.** *see* Kononenko, V.G. 8-60673
- Balabanova, L.A.**, Stepin, E.V. Electron energy losses and ion polarizability in certain transition-metal oxides 8-68585
- Balabekov, A.I.**, Nurailiev, N.E., Nurdinov, L.Z., Kostyukov, N.S., Efendiev, A.Z. Statistical test of solid dielectrics in pulse irradiation regime 8-95548
- Balabukha, D.K.** *see* Khristinino, G.N. 8-49926
- Balaceanu, M.**, Popovici, C. Penning discharges 8-59710
- Balachandran, A.P.**, Borchardt, S., Chang, S.S., Stern, A., Cahalan, R., Ramachandran, R., Rupertsberger, H. Rotationally invariant approximation to charge-monopole scattering 8-54225
- Balachandran, A.P.**, Borchardt, S., Chang, S.S., Stern, A., Cahalan, R., Ramachandran, R., Rupertsberger, H. Analyticity of the charge-monopole scattering amplitude 8-54226
- Balachandran, A.P.**, Borchardt, S., Stern, A. Lagrangian and Hamiltonian descriptions of Yang-Mills particles 8-78089
- Balagula, T.B.** *see* Akhmedov, R.B. 8-87418
- Balagurov, B.Ya.**, Vaks, V.G. Critical hyper-Raman scattering in ferroelectrics 8-76466
- Balakhnina, V.N.** *see* Karpins, D.M. 8-60623
- Balakhonova, V.I.** *see* Novikov, P.A. 8-67003
- Balakhovskaya, M.B.**, Davlyatova, L.N. Kinetics of the transformation of supercooled austenite in steel 12Kh1MF 8-52801
- Balakier, G.** *see* Pyzuk, W. 8-59730
- Balakirev, M.K.**, Bogdanov, S.V., Gorchakov, A.V. Tunneling of an ultrasonic wave across a gap between lithium iodate crystals 8-87857
- Balakrishnan, K.G.** *see* Yoshino, K. 8-68467
- Balakrishnan, M.**, Kailas, S., Mehta, M.K. A study of the reaction $^{19}\text{F}(\alpha, n)^{22}\text{Na}$ in the bombarding energy range 2.6 to 5.1 MeV 8-54777
- Balakrishnan, P.V.**, Allison, G.M. Some in-reactor loop experiments on corrosion product transport and water chemistry 8-58335
- Balakrishnan, R.**, Shahinpoor, M. Finite amplitude oscillations of a thin hyperelastic spherical shell 8-93533
- Balalykin, N.I.** *see* Buch, J. 8-76973, 8-76974
- Balamuth, D.P.**, Lind, J.M., Young, K.C., Jr., Zurmuhle, R.W., Field, L.K., Symons, T.J.M., Allen, K.W. Direct observation of an $8p-4h$ O^+ state in ^{20}Ne 8-50132
- Balamuth, D.P.** *see* Alburger, D.E. 8-66210
- Baland, J.F.**, Grard, F., Herquet, P., Parisis, G., Johnson, D.P., Lemonne, J., Renton, P., Van Den Bogaert, F., Wickens, J., Apostolakis, A., Casili, R., Caso, C., Grant, A., Goldschmidt-Clermont, Y., Grammatikakis, G., Pape, L., Porte, J.P., Stergiou, A., Tallini, B., Vassiliadis, G., Wenninger, H., Banerjee, S., Butterworth, I., Campbell, J.R., Chaff, J.A., Miller, D.B., Daugeras, B., Heusse, P., Jacholkowska, A., Lloret, A. Inclusive production of $K^*(890)$, $\Sigma(1385)$ and $S^*(993)$ resonances in pp interactions at 12 GeV/c incident momentum 8-93911
- Balandin, A.A.** *see* Anufriev, B.F. 8-70591
- Balandin, M.P.**, Grebenyuk, V.M., Zinov, V.G., Kozlovski, T., Konin, A.D. Energy spectra and asymmetry of charged particles from negative muon capture by nuclei 8-89828
- Balandin, Y.F.**, Gorynin, I.V., Karzov, G.P. Pressure vessel strength analysis by thermal shock 8-68819
- Balandin, Y.F.**, Malygin, A.F. Steel and alloy thermal cycling fracture 8-60839
- Balankin, S.A.**, Gorbachev, L.P., Grigor'ev, E.G., Skorov, D.M. Diffusional growth of cracks in a polycrystalline material 8-91376
- Balarin, M.** Resolution of some superpositioned exponential processes and evaluation of their parameters 8-89294
- Balashkand, M.I.**, Akent'ev, L.G., Matveev, Yu.I., Chen, O.L. Nonexplosive sources in offshore refracted seismic wave surveying 8-53752
- Balashov, A.A.**, Bukreev, V.S., Kultepe, N.G., Nesteruk, I.N., Perminov, E.B., Vagin, V.A., Zhizhin, G.N. High resolution Fourier transform spectrometer (0.005 cm^{-1}) for the $0.6-100\text{-}\mu\text{m}$ spectral range 8-70204
- Balashov, A.A.**, Bukreev, V.S., Vagin, V.A., Zhizhin, G.N. Interferometer with improved compensation for phase distortion in the light divider 8-58073
- Balashov, I.F.**, Berezin, B.G., Davydov, S.F., Kondrat'ev, V.S., Khankov, S.I. Temperature field in the active element of solid-state laser operating in the periodic mode without forced cooling 8-55359
- Balashov, I.F.**, Berezin, B.G., Kondrat'ev, V.S., Khankov, S.I. Thermal deformation of the active element of a periodic mode laser without forced cooling 8-66837
- Balashov, S.P.** *see* Litvin, F.F. 8-96010, 8-96066
- Balashov, V.V.**, Grum-Grzhimailo, A.N., Kabachnik, N.M., Magunov, A.I., Strakhova, S.I. Decay of collision-aligned autoionizing state $3s^{-1}4p^1\text{P}$ in argon 8-86831
- Balashov, V.V.**, Wunsch, R. Unified description of direct and resonance processes in the (π^-, γ) reaction 8-86551
- Balashov, Yu.S.** *see* Aslanova, M.S. 8-88455
- Balashova, G.I.** *see* Sergienko, V.I. 8-73614, 8-73617
- Balashova, L.I.**, Mashkova, E.S., Molchanov, V.A. Argon ion double scattering from polycrystalline copper 8-88399
- Balasko, M.**, Pardavi-Harvath, M. New approach for measuring bubble collapse field of LPE garnet layers 8-56356
- Balasubramaniam, T.A.**, Bowman, H.F. Thermal conductivity and thermal diffusivity of biomaterials: a simultaneous measurement technique 8-57098
- Balasubramanian, C.** *see* Narayandas, K. 8-76167
- Balasubramanian, G.** *see* Copland, G.M. 8-56111
- Balasubramanian, M.**, Meisen, A., Mathur, K.B. Spouted bed collection of solid aerosols in the presence of electrical effects 8-91019
- Balasubramanian, N.** Test and evaluation of a hybrid optical correlator system 8-63035
- Balasubramanian, N.**, Liff, H.J. System design considerations in optical power spectrum analysis 8-63029
- Balasubramanian, N.**, Wyant, J.C. (editor) Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.126. Clever Optics 8-58899
- Balasubramanian, S.** *see* Singh, M.R. 8-87937
- Balasubramanyam, K.** *see* Sastry, S.B.S. 8-76500
- Balatskii, K.K.**, Tsoikallo, S.O., Selyavo, A.L., Rulina, Z.M., Moskalev, A.S. Imperfect elasticity of steel Kh15N2T3MR 8-56687
- Balazs, A.C.**, Johnson, K.H. Electronic structure and catalytic activity of coordinatively unsaturated platinum sites 8-72228
- Balazs, A.C.** *see* Johnson, K.H. 8-56917
- Balazs, L.A.P.** Adler zero and the dual multiperipheral model 8-78153
- Balazs, L.A.P.** Calculation of the QQ and QQQ mass spectrum in a planar bootstrap model 8-89685
- Balazs, N.L.** *see* Tobias, I. 8-76421
- Balbashov, A.M.**, Komlev, A.A., Mikhaelyan, A.L., Stolyarov, A.K., Chervonenkis, A.Ya. Controlled transparencies based on magnetic crystals 8-50932
- Balbashov, A.M.** *see* Nadolski, S. 8-52365
- Balberg, I.**, Alexander, S., Helman, J.S. Critical resistivity of antiferromagnets below T_c 8-68004
- Balberg, I.**, Helman, J.S. Critical behavior of the resistivity in magnetic systems. II. Below T_c and in the presence of a magnetic field 8-87955
- Balberg, I.**, Pinch, H.L. The optical absorption of iron oxides 8-52487
- Balberg, I.** *see* Helman, J.S. 8-84239
- Balbutsev, E.B.** On the paper by RJM Carr: 'derivation of energy lower bound models for translation-invariant many-fermion systems' 8-65866
- Balcar, E.**, Bock, H., Hahn, F. Theoretical evaluation of a self-powered neutron detector with a fissile emitter 8-74533
- Balcerek, K.**, Tyc, T. Heat flux rectification in tin- α -brass system 8-76048
- Balcerek, T.W.**, Cathley, L., Karraker, D.G. Mossbauer spectroscopic studies of Fe_2F_8 , TiH_2O related compounds and their thermal decomposition products 8-80258
- Balchev, N.A.** *see* Pakeva, S.V. 8-84658
- Balchin, A.A.** *see* Whitehouse, C.R. 8-68611, 8-75841
- Bald, W.B.**, Robards, A.W. A device for the rapid freezing of biological specimens under precisely controlled and reproducible conditions 8-57139
- Baldacchini, G.**, Grassano, U.M., Tanga, A. Unwanted birefringence in low-temperature windows 8-66926
- Baldacci, A.**, Devi, V.M., Da-Wun Chen, Narahari Rao, K., Fridovich, B. Absorption spectrum of carbon dioxide at $4.3\text{ }\mu\text{m}$ 8-58692
- Baldacci, A.**, Linden, L., Devi, V.M., Narahari Rao, K. Interpretation of the $^{13}\text{C}^{16}\text{O}_2$ spectrum at $4.4\text{ }\mu\text{m}$ 8-86862
- Baldacci, A.** *see* Devi, V.M. 8-58693
- Baldassarre, L.**, Cingolani, A., Sibilano, M. The linear electro-optic effect in $\text{CdS}_{0.75}\text{Se}_{0.25}$ 8-76434
- Baldassarre, L.**, Minafra, A., Capozzi, V., Maggipinto, G. Space charge limited current measurements in ZnIn_2S_4 8-52000
- Baldauf, L.**, Hamann, C., Libera, L. Polyethylene polymers. I. Synthesis, properties, significance 8-64521
- Baldenkov, G.N.** *see* Abakumov, G.A. 8-59093
- Baldereschi, A.**, Maschke, K. Electronic screening of lattice vibrations in covalent semiconductors 8-59875
- Baldereschi, A.**, Tosatti, E. Mean-value point and dielectric properties of semiconductors and insulators 8-87930
- Baldetorp, L.**, Hakansson, C.H. Response of ciliated cells during irradiation at different dose rates 8-61216
- Baldi, L.**, Cerofolini, G.F., Ferla, G., Frigerio, G. Gold solubility in silicon and gettering by phosphorus 8-83961
- Baldi, P.**, Lohoue, N., Peyriere, J. The classification of recurrent groups 8-62047
- Baldi, P.**, Unguendoli, M. Inversion of gravity profiles by polynomial method 8-69476
- Baldi, P.** *see* Bonafede, M. 8-77194
- Baldi, R.**, Bohringer, T., Dorsaz, P.A., Hungerbuhler, V., Kienzie-Focacci, M.N., Martin, M., Mermoud, A., Siegrist, P. Observation of a spin 4, isospin 1, meson resonance 8-50050

- Baldi, R.**, Bohringer, T., Dorsaz, P.A., Hungerbühler, V., Kienzle-Focacci, M.N., Martin, M., Mermoud, A., Nef, C., Siegrist, P. Systematic study of $K\pi$ production in the reaction $K^+p \rightarrow K^0\pi^+p$: technique and measurements at 10 GeV/c 8-50052
- Baldi, R.** *see* Martin, A.D. 8-50051, 8-50053, 8-82230
- Baldin, A.V.**, Buzynov, A.E., Luparev, V.S., Matvienko, A.F., Ryabinkin, A.M. Determination of effective annihilation time by using an analog computer 8-88475
- Baldinelli, L.**, Ghedini, S. New variations of the period and the light curve of the binary system W UMa 8-93318
- Baldinelli, L.**, Ghedini, S. The long period eclipsing binary EE Cephei 8-93319
- Baldini, G.** *see* Giordano, P. 8-57144
- Baldini-Celio, R.**, Battistoni, G., Capon, G., Del Fabbro, R., Iarocci, E., Mencuccini, C., Moriggi, S., Murtas, G.P., Spinetti, M., Trasatti, L., Bacci, C., DeZorzi, G., Penso, G., Stella, B. Search for narrow resonances in the mass region 1.45-1.92 GeV, in e^+e^- annihilation into hadrons 8-89724
- Baldis, H.** *see* Mitchell, G. 8-82945
- Baldjjeva, T.T.** *see* Amov, B.G. 8-81115
- Baldo, P.M.** *see* Reichtin, M.D. 8-91365
- Baldo-Ceolin, M.** *see* Faissner, H. 8-70355
- Baldokhin, Yu.V.** *see* Koptisk, S.V. 8-64304
- Baldokhin, Yu.V.** *see* Povitskii, V.A. 8-72356
- Baldracchini, F.** *see* Alberi, G. 8-50043, 8-70347
- Baldrige, W.J.** Shell-model studies for the ^{132}Sn region. I. Few proton cases 8-86482
- Baldrige, W.J.**, Dalton, B.J. Shell-model studies for the ^{132}Sn region. II. Exact and statistical results for multi-proton cases 8-86483
- Baldwin, A.C.**, Golden, D.M. Reactions of methyl radicals of importance in combustion systems 8-53195
- Baldwin, A.C.**, Golden, D.M. Application of RRM theory using a hindered rotational Gorin model transition state to the reaction $\text{HO}_2\text{NO}_2 + \text{N}_2 \rightleftharpoons \text{HO}_2 + \text{NO}_2 + \text{N}_2$ 8-73032
- Baldwin, A.R.** *see* Madey, R. 8-58542
- Baldwin, B.J.** *see* Pollack, J.B. 8-53850
- Baldwin, D.E.** *see* Watson, D.C. 8-91097
- Baldwin, E.E.** *see* Font, R.G. 8-73337
- Baldwin, J.A.**, Burke, W.L., Gaskell, C.M., Wampler, E.J. Relative quasar luminosities determined from emission line strengths 8-61931
- Baldwin, J.A.** *see* Wilkerson, M.S. 8-93447
- Baldwin, W.G.** *see* Gesser, H.D. 8-92216
- Baldy, A.** *see* Boyer, D. 8-75885
- Baldy, S.**, Ramamangiarisoa, A., Coantic, M. Description and characteristics of a 'wave follower' system for energy exchange studies in the vicinity of an air-water interface 8-85734
- Bale, A.J.** *see* Morris, A.W. 8-81199
- Balek, V.**, Pisut, J. Production of leptons with large transverse momenta in hadron-hadron collisions at high energies 8-89673
- Balenko, V.G.**, Bulatsen, V.G., Shlyakhovti, V.P., Korba, P.S., Tokar', V.I., Dychko, I.A. Tidal changes in force of gravity in Poltava 1973-1976 8-88782
- Balenko, V.G.**, Kutnyi, A.M., Novikova, A.N. Results of tilt meter observations at Berezo-vaya Rudka station 8-88783
- Balescu, R.**, Paiva-Veretennicoff, I. Anomalous transport coefficients in a turbulent collisionless plasma 8-71453
- Balescu, R.** *see* Misguich, J.H. 8-71484, 8-91110
- Balestra, C.L.** *see* Lagowski, J. 8-68049, 8-72193, 8-87877
- Balestra, F.** *see* Mach, R. 8-74403
- Baleva, M.** Thermoreflectance of PbTe 8-76492
- Balewsky, T.** *see* Koriensky, H. 8-76803
- Balezin, S.A.** *see* Ivanov, S.S. 8-56809
- Balfour, W.J.**, Lindgren, B. High-resolution emission spectra of MgH and MgD in the 600 to 850 nm wavelength region 8-62815
- Bali, R.** *see* Roy, S.R. 8-93490
- Balian, R.**, Duplantier, B. Electromagnetic waves near perfect conductors. II. Casimir effect 8-55278
- Balian, R.**, Itzykson, C., Zuber, J.B. Asymptotic estimates in quantum electrodynamics. II 8-54593
- Balian, R.**, Parisi, G., Voros, A. Discrepancies from asymptotic series and their relation to complex classical trajectories 8-93557
- Baliga, B.J.** Isothermal silicon liquid phase epitaxy from supersaturated tin 8-56592
- Balim, G.M.** *see* Voinov, V.P. 8-52069
- Balin, V.N.** *see* Nesmeyanov, I.A. 8-85350
- Balinov, S.S.** *see* Minchev, P.M. 8-94840
- Balk, O.A.** *see* Hochhauser, E. 8-61258
- Balk, P.** *see* Singh, B.R. 8-53009
- Balkanov, I.M.** *see* Pouliet, C.N. 8-76620
- Balkanski, M.**, Hirlimann, C., Morhange, J.F. First order phonon spectrum replicas in $\text{Al}_2\text{Ga}_2\text{As}$ 8-60467
- Balkanski, M.** *see* Arya, K. 8-60469
- Balkanski, M.** *see* Charfi, F. 8-75785
- Balkanski, M.** *see* Jain, K.P. 8-67794
- Balkanski, M.** *see* Teng, M.K. 8-68464, 8-80358
- Balkanski, M.** (editor) Proceedings of the International Conference on Lattice Dynamics 8-59869
- Balkarei, Yu.I.**, Elinson, M.I., Nikulin, M.G. A self-excited wave medium with memory 8-77034
- Balkarei, Yu.I.**, Nikitov, V.A. Characteristics of the propagation of sound in magnetic semiconductors 8-72211
- Balke, H.**, Ulbricht, V., Trankner, M. Non-linear calculation of tensions and forming in load bearing slabs from isotropic plastic materials 8-60715
- Balkhi, A.M.** *see* El Balkhi, A.M.
- Balkirev, V.G.** *see* Belov, N.V. 8-83763
- Balkowski, C.**, Chamaraux, P., Weliachew, L. H I study of the pair of compact galaxies II Zw 70-II Zw 71 8-96531
- Ball, A.**, Payne, B.W. The propagation and bifurcation of cracks in quartz 8-72888
- Ball, C.A.B.** *see* Basson, J.H. 8-51850
- Ball, G.J.**, Chamberlain, J.M. Infrared structural studies of $\text{Ge}_2\text{Se}_{1-y}$ glasses 8-79537
- Ball, G.J.**, Chamberlain, J.M., Instone, T. Low temperature photoluminescence and fatigue effects in Se-Ge glasses 8-84648
- Ball, H.** Process chromatographs for use in the production of pure benzene 8-92583
- Ball, J.B.**, Fulmer, C.B., Mallory, M.L., Robinson, R.L. Protons, deuterons, and tritons emitted from the reaction of $192\text{-MeV } ^{12}\text{C}$ with ^{56}Fe 8-66306
- Ball, J.W.**, Kaplan, M. Perturbed angular correlation studies of chemically generated electric field gradients in Hf compounds 8-80257
- Ball, J.W.** *see* Miller, J.M. 8-50220
- Ball, M.A.** Microscopic formulation of the concepts of rigid ions, deformable charge densities and effective charges 8-59876
- Ball, M.A.**, Islam, M.M. Effects of core and correlation corrections on the electrical resistivity of lithium 8-64026
- Ball, M.C.**, Norwood, L.S. Studies in the system $\text{CaSO}_4 + \text{H}_2\text{O}$. VI. Surface chemistry and porosity of the CaSO_4 hemihydrates 8-85200
- Ball, M.O.**, Bialas, W.F., Loucks, D.P. Structural flood control planning 8-81245
- Ball, R.E.** *see* Gawain, T.H. 8-73856
- Ball, W.C.**, Blaszk, P.R., Brown, C.O., Walch, A.P., Davis, J.W. Versatile high-power industrial CO_2 laser system 8-55380
- Balla, D.D.**, Golovko, L.S., Kolesnikov, V.N., Obolenskii, M.A., Chashka, H.B. Effect of hydrogen intercalation on electrical resistivity of 2H-NbSe_2 single crystals 8-84338
- Ballad, R.V.**, Tan, S.H., Johnson, J.E., Holman, D.W., Hennecke, E.W., Manuel, O.K. Iodine-129 in man, cow and deer 8-80975
- Ballad, R.V.** *see* Hennecke, E.W. 8-96216
- Ballagh, H.C.** *see* Burnett, T.H. 8-89853, 8-89854
- Ballam, J.**, Bouchez, J., Carroll, J.T., Cautis, C.V., Chadwick, G.B., Chaloupka, V., Field, R.C., Freytag, D.R., Lewis, R.A., Minard, M.N., Moffett, K.C., Stevens, R.A. Confirmation of exchange-degeneracy predictions in the line-reversed reactions: $\pi^+p \rightarrow K^+Y^*(1385)$ and $K^-p \rightarrow \pi^-Y^*(1385)$ at 11.5 GeV/c 8-82247
- Ballam, J.**, Watt, R.D. Hybrid bubble chamber systems 8-82591
- Ballam, J.** *see* Chadwick, G.B. 8-66175
- Balland, B.** Deep levels in GaAs-GaAlAs LED 8-56218
- Balland, B.**, Blondeau, R., Pinard, P. Transient current trap spectroscopy (TCTS) in GaAs/GaAlAs heterojunctions 8-80049
- Balland, B.**, Pinard, P. Interfacial tunnel interaction in MOS elements in depletion 8-64121
- Ballani, L.** *see* Fanselau, G. 8-81103
- Ballard, D.G.H.**, Cheshire, P., Longman, G.W., Schelten, J. Small-angle neutron scattering studies of isotropic polypropylene 8-63680
- Ballard, D.H.** *see* Badiali, M. 8-64928
- Ballard, J.W.**, Darlington, M.W. Shear and tensile creep of thermoplastics at finite strains 8-52903
- Ballard, K.A.** *see* Morgan, M.G. 8-93041
- Ballard, P.J.** *see* Macdonald, H.F. 8-55053
- Ballard, R.** *see* Kalkins, J. 8-80920
- Ballard, S.S.**, Brown, S.E., Browder, J.S. Measurements of the thermal expansion of six optical materials, from room temperature to 250°C 8-55416
- Ballard, W.V.** *see* Sinharoy, S. 8-85013
- Ballaro, S.**, Mallamace, F., Wanderlingh, F. Structural changes in microemulsions by light scattering 8-56920
- Ballart, R.**, Young, R.A. Calculation of electronic density of states using a self-consistent cluster-Bethe-lattice method 8-67930
- Ballagooijen, E.C.** *see* van der Ballegooijen, E.C.
- Ballentine, L.E.** *see* Huberman, M. 8-64018
- Ballet, O.** *see* Coey, M. 8-88817
- Balleur, J.-C.** *see* Le Balleur, J.-C.
- Ballhaus, W.**, Goorjian, P., Yoshihara, H. Unsteady force and moment alleviation in transonic flow 8-71362
- Ballhaus, W.F.**, Goorjian, P.M. Computation of unsteady transonic flows by the indicial method 8-51185
- Ballhaus, W.F.**, Jameson, A., Albert, J. Implicit approximate-factorization schemes for steady transonic flow problems 8-94759
- Ballhaus, W.F.** *see* Yu, N.J. 8-94763
- Balli, R.**, Pucci, E. Regular precessions of a gyrostatic satellite in a circular orbit 8-93082
- Ballier, R.** *see* Stohr, M. 8-61162
- Balliet, R.**, Nakayama, K. Egocentric orientation is influenced by trained voluntary cyclorotary eye movements 8-92633
- Ballif, J.L.** *see* Yunker, B.H. 8-86599
- Ballik, E.A.** *see* Garside, W.K. 8-57373
- Ballik, E.A.** *see* Reid, J. 8-61607, 8-73523
- Ballik, E.A.** *see* Taylor, R.S. 8-71127
- Balling, L.C.**, Havey, M.D., Dawson, J.F. Absorption and emission spectra of Na atoms trapped in rare-gas matrices 8-90106
- Balling, K.W.A.**, Michelson, D., Przybyla, J.S. The study of the electrical dispersion of dielectric liquids in different gaseous environments 8-88254
- Ballini, R.** *see* Hellmeister, H.P. 8-74387
- Ballini, Y.** Establishment of a transport equation in a system of localised electron states 8-56141
- Ballintijn, J.F.** *see* Ooms, G. 8-51257
- Ballman, A.A.** *see* Pollack, M.A. 8-87881
- Ballman, R.L.** *see* Everage, A.E., Jr. 8-55704
- Ballman, R.L.** *see* Southern, J.H. 8-79290
- Balloffet, Y.** *see* Delpeyroux, P. 8-66349
- Ballou, J.E.**, Price, K.R., Gies, R.A., Doctor, P.G. The influence of DTPA on the biological availability of transuranics 8-73264
- Ballou, J.K.**, Schultz, J.H. A comparison between an air core and an iron core ohmic heating system for The Next Step 8-66402
- Ballou, J.K.** *see* Bettis, E.S. 8-54897
- Ballou, J.K.** *see* Gray, W.H. 8-50374
- Ballu, Y.** High resolution electron spectroscopy on Mo, GaSe, and Al crystals 8-72682
- Ballu, Y.** *see* Lecante, J. 8-95328
- Ballu, Y.** *see* Thiry, P. 8-84143
- Balluffi, R.W.** *see* Darby, T.P. 8-51579
- Balluffi, R.W.** *see* Goodhead, P.J. 8-51551
- Balluffi, R.W.** *see* Hwang, J.C.M. 8-95191
- Bal'makov, M.D.** A method of optimal polynomials for the calculation of the properties of complex glasses 8-68026
- Balmashnov, A.A.**, Golovanivskii, K.S., Puniikhavelu, A.M. Acceleration of ions by a plasma wave excited by a smoothly accelerated electron beam 8-71500
- Balmer, H.A.**, Doltsinis, J.St. Extensions to the elastoplastic analysis with the ASKA program system 8-63312
- Balmer, L.** Control aspects of an optical gauging instrument 8-57895
- Balmer, R.T.** The critical radius effect with a variable heat transfer coefficient 8-83205
- Balmer, R.T.**, Hochschild, D.J. Hyperbaric Fano flow of Newtonian fluids 8-94863
- Balmino, G.**, Borderies, N. Gravitational potential of solid bodies in the solar system 8-77550
- Balnokin, Yu.V.** *see* Fokht, A.S. 8-65154
- Balobae, V.T.** *see* Kutasov, I.M. 8-83233
- Balocchi, R.**, Benassi, A., Bencivelli, W., Pierrotti, D., Valli, G. A system for off-line analysis of left ventricular angiographic images by the use of a microcomputer 8-80964
- Balode, D.P.**, Silinsh, E.A., Taure, L.F. Conductivity mechanisms and refined energy level spectrum of tetrathiotetracene 8-52103
- Balodis, M.K.** On the energies of low-lying high spin levels in ^{166}Ho 8-89793
- Balodis, M.K.** *see* von Egid, T. 8-66215
- Balog, J.** *see* Hrasko, P. 8-74134
- Balogh, A.**, Hynds, R., van Dijen, G., van Genechten, J., Henrion, J., Korfmann, G., Iversen, T., van Rooijen, J., Sanderson, T., Stevens, G., Wenzel, K.P. The low energy proton experiment on ISEE-C 8-85791
- Balogh, A.** *see* Brauer, G. 8-72629
- Balogh, J.**, Vincze, I. Temperature dependence of the hyperfine field distribution in an amorphous ferromagnet 8-60371
- Balona, L.A.**, Martin, W.L. RS Gruis: a dwarf Cepheid in a binary system 8-77559
- Balona, L.A.**, Martin, W.L. The radius of the dwarf Cepheid ZZ Mic 8-77560
- Baloshin, Y.A.** The effect of electron irradiation on the nature of generation of a gas laser 8-74878
- Balossier, G.**, Merienne, E., Genotel, D. Stability improvement of an electrostatic high voltage generator [for transmission electron microscope] 8-62268
- Balossino, N.**, Di Leva, A., Favella, L., Reineri, M.T. The reconstruction of ECG surface potential maps from a limited number of leads 8-57117
- Balovnev, Yu.A.** Isotopic effect in the permeation of hydrogen through palladium 8-75881

- Balsiger, H.** *see* Shelley, E.G. 8-85810
- Balslev, I.** Luminescence from compressed electron-hole plasma in germanium 8-72592
- Balslev, I.** The excitonic surface potential in semiconductors 8-76000
- Balslev, I.** The Mott transition in cold semiconductors 8-91616
- Balslev, I., Larsen, J.E., Larsen, S.** Noise amplification and resolution improvement in deconvolution of experimental spectra 8-86339
- Balta, F.** *see* Eringen, A.C. 8-59807
- Balta Calleja, F.J.** *see* Rueda, D.R. 8-76463
- Balta-Calleja, F.J., Bassett, D.C.** Microindentation hardness of oriented chain-extended polyethylene 8-76728
- Baltas, A., Gavroglu, K., Photinos, D.** CP violation and the deviations from the $\Delta I = 1/2$ rule in the nonleptonic hyperon decays 8-70367
- Baltay, C., Caroumbalis, D., French, H., Hibbs, M., Hylton, R., Kalelkar, M., Orance, W., Schmidt, E., Cnops, A.M., Connolly, P.L., Kahn, S.A., Kirk, H.G., Murtagh, M.J., Palmer, R.B., Samios, N.P., Tanaka, M.** Charmed-D-meson production by neutrinos 8-70354
- Baltay, C.** *see* Cnops, A.M. 8-78167
- Baltay, C.** *see* Kalelkar, M. 8-89700
- Bal'tenas, R.A., Bal'tenene, Ya.Yu.** Effect of oxidation on the rate of spherulitic crystallization of polyethylene 8-71689
- Bal'tenene, Ya.Yu.** *see* Bal'tenas, R.A. 8-71689
- Baltensperger, W.** *see* Helman, J.S. 8-56096, 8-56100
- Baltes, H.P., Steinle, B.** Fluctuating sources and second-order radiometry 8-50879
- Baltes, H.P.** *see* Selloni, A. 8-70185
- Baltov, A.** Application of mathematical system theory to dynamical thermoplasticity 8-83271
- Baltov, Y.K.** *see* Lakova, M.S. 8-80074
- Baltov, Y.K.** *see* Stoyanov, V.E. 8-80044
- Balrameyunas, R., Kuokshits, E.** Electron-hole drops in ZnSe single crystals 8-80412
- Baltz, A.J., Kahana, S.** Surface transparent potentials and coupled-channel Born-approximation study of diffractive behaviour in heavy-ion induced reactions 8-50206
- Baltz, A.J.** *see* Doli, P. 8-70558
- Baltz, R.von** *see* von Baltz, R.
- Balucani, U., Tognetti, V., Pini, M.G.** Second-order self-energy in Heisenberg antiferromagnets 8-56279
- Balucani, U., Tognetti, V., Pini, M.G.** Two-spin light scattering in rutile structure Heisenberg paramagnets 8-80336
- Baluk, P., Kowski, A.** Absorption and fluorescence spectra of some 1,3,4-oxadiazole derivatives in n-paraffins at 77K 8-66597
- Baluk, P.** *see* Kowski, A. 8-61138
- Baluni, V.** Instantons and the hypothetical light boson 8-58127
- Baluni, V.** Non-Abelian gauge theories of Fermi systems: Quantum-chromodynamic theory of highly condensed matter 8-70267
- Baluni, V., Grossman, B.** QCD without gauge field constraints 8-93846
- Baluteau, J.-P.** *see* Moorwood, A.F.M. 8-93353
- Balysh, A.Ya.** *see* Aleshin, V.I. 8-78567
- Balzano, Q., Garay, O., Steel, F.R.** Heating of biological tissue in the induction field of VHF portable radio transmitters 8-57039
- Balzano, Q., Garay, O., Steel, F.R.** A comparison between the energy deposition in portable radio operators at 900 MHz and 450 MHz 8-69222
- Bazarini, D.** *see* Palffy-Muhoray, P. 8-92041
- Bazarrotti, A., Girlanda, R., Grasso, V., Doni, E., Antonangeli, F., Piacentini, M.** Valence band density of states and X-ray photoelectron spectrum of GaS 8-63974
- Balzerowski, C.** *see* Dlubek, G. 8-86726
- Bambakidis, G.** *see* Yang, C.Y. 8-95268
- Bamberger, C.E.** *see* Johnson, L.H. 8-53236
- Bambina, N.** *see* Ajovalasit, A. 8-87315
- Bambini, A., Stenholm, S.** The momentum distribution in the free electron laser 8-58973
- Bamburov, V.G.** *see* Samokhvalov, A.A. 8-88109
- Bame, S.J., Asbridge, J.R., Felthaus, H.E., Glore, J.P., Hawk, H.L., Chavez, J.** ISEE-C solar wind plasma experiment 8-85788
- Bame, S.J., Asbridge, J.R., Felthaus, H.E., Glore, J.P., Paschmann, G., Hemmerich, P., Lehmann, K., Rosenbauer, H.** ISEE-1 and ISEE-2 fast plasma experiment and the ISEE-1 solar wind experiment 8-85800
- Bame, S.J.** *see* Feldman, W.C. 8-77452
- Bame, S.J.** *see* Gosling, J.T. 8-77447, 8-89494
- Bame, S.J.** *see* Schwenn, R. 8-57419
- Bame, S.J.** *see* Stiles, G.S. 8-89009
- Bamford, D.** Interpretation of wide-angle reflection travel-times in realistic crust-mantle structures 8-65202
- Bamford, D., Nunn, K., Prodehl, C., Jacob, B.** LISPB. IV. Crustal structure of Northern Britain 8-73329
- Bamford, D.** *see* Assumpcao, M. 8-73313
- Bamford, W.E.** *see* Atkinson, R.H. 8-96313
- Bampi, F.** The shear-free condition in Robinson's theorem 8-93586
- Bampi, F., Zordan, C.** A note on Godel's metric 8-62125
- Bampton, M.C.C., McCann, R.A.** Structural analysis of a two-component torus (TCT) hybrid reactor first wall 8-66409
- Bampton, M.C.C.** *see* Conn, R.W. 8-58418
- Bampton, M.C.C.** *see* Teofilo, V.L. 8-62615
- Bamzai, A.S., Deb, B.M.** A link between the second-order Jahn-Teller effect and the highest occupied molecular orbital postulate for molecular shapes 8-86780
- Bamzai, A.S.** *see* Deb, B.M. 8-62686
- Ban, Z.** *see* Tudja, M. 8-79777
- Banai, M.** A new algebraic generalization of quantum mechanics 8-81881
- Banas, C.M.** Laser material processing: an overview 8-56826
- Banavar, J.R., Coon, D.D.** Widths and spacing of Stark ladder levels 8-72124
- Banavar, J.R., Jasnow, D.** Helicity modulus at low temperatures 8-70052
- Banavar, J.R., Keffer, F.** Standing-spin-wave resonance in thin films of materials with nearest neighbor and next-nearest-neighbor exchange interactions 8-68390
- Bancel, D.** The Plateau problem in a lorentzian variation 8-86209
- Bancroft, G.M., Coatsworth, L.L., Creber, D.K., Tse, J.** High resolution gas phase photoelectron spectra of core d levels using He II radiation 8-50579
- Bancroft, G.M., Gaud, W., Eastman, D.E.** Photoionization-cross-section studies of atomic and final-state effects on the Pb 5d core levels using synchrotron radiation 8-84699
- Bancroft, G.M.** *see* Coatsworth, L.L. 8-74700
- Bancroft, G.M.** *see* Gupta, R.P. 8-70757
- Band, W., Park, J.L.** Some fundamental difficulties with quantum mechanical collision theory 8-86174
- Band, Y.B., Morse, M.D., Freed, K.F.** Comparison of semiclassical treatments for evaluating Franck-Condon transition amplitudes for molecular dissociation 8-62860
- Bandekar, J.** *see* Rao, C.N.R. 8-74709
- Bander, M.** *see* Richardson, J.L. 8-52296
- Bandini, E.** *see* Spadoni, G. 8-73057
- Bando, H.** *see* Kato, K. 8-62494
- Bando, H.** *see* Krenciglowa, E.M. 8-66219
- Bando, H.** *see* Yamamoto, Y. 8-62487
- Bando, M., Sugimoto, H., Toya, M.** Decays of the new and old hadrons. I. On the universality of baryons and mesons 8-62366
- Bando, M., Toriu, T.** Anomalous lepton production in e^+e^- annihilation and new particles 8-66134
- Bando, M., Toya, M., Sugimoto, H.** Analysis of the photocouplings of baryon resonances 8-66086
- Bando, M.** *see* Arisue, H. 8-66133
- Bando, Y., Hori, S., Takada, T.** Reactive condensation and magnetic properties of iron oxide films 8-64241
- Bando, Y.** *see* Horiuchi, S. 8-89600
- Bando, Y.** *see* Kuzuba, T. 8-80326
- Bandrauk, A.D., Sink, M.L.** Laser induced preassociation in the presence of natural predissociation 8-85174
- Bandrauk, D.** *see* Sink, M.L. 8-90239
- Bandur, A.M.** *see* Bondarenko, M.D. 8-86286
- Bandurski, E.L.** *see* Khare, B.N. 8-69740
- Bandyopadhyay, B.K., Ghoshal, S.N.** Inelastic interactions of protons with emulsion nuclei at 22.6, 24, and 70 GeV/c 8-74351
- Bandyopadhyay, G.** Fuel and fission gas response to simulated thermal transients: experimental results and correlation with fission gas release and swelling model 8-74453
- Bandyopadhyay, N.** Cylindrically symmetric dust distributions in rigid rotation in Brans-Dicke theory 8-62136
- Bandyopadhyay, N.** *see* Raychaudhuri, A.K. 8-65849
- Bandyopadhyay, P.** Combined smoke-flow visualization and hot-wire anemometry in turbulent boundary layers 8-91044
- Bandyopadhyay, P., Roy, S., Bhattacharya, B., Sarkar, H.** Spontaneous breakdown of γ_s and gauge symmetry at finite temperature 8-70299
- Bandyopadhyay, S., Brown, H.R.** Environmental stress cracking and morphology of polyethylene 8-68834
- Bandyopadhyay, S.N.** *see* Mubeen, A. 8-72866
- Bandzaitis, A.A.** Relationship between the diagrams for the sums of products of Clebsch-Gordan coefficients and the sums of products of Wigner coefficients 8-81879
- Banerjee, A., Prem Nath, Vankar, V.D., Chopra, K.L.** Properties of $ZnCd_{1-x}S_x$ films prepared by solution spray technique 8-52666
- Banerjee, A.** *see* Banerjee, M.B. 8-59370, 8-90834
- Banerjee, A.** *see* McHale, J. 8-90183
- Banerjee, A.K., Holley, M.J., Jr.** Research requirements for improved design of reinforced concrete containment structures 8-94049
- Banerjee, A.K.** *see* Ojha, S.K. 8-90949
- Banerjee, D.K.** *see* Neelakantaswamy, P.S. 8-96119
- Banerjee, E.D., Chakraborty, L.K.** Shell-model calculation of ^{51}V using pairing plus-surface-tensor-interaction 8-78282
- Banerjee, H.D.** *see* Rao, R.P. 8-80426
- Banerjee, K. W.K.B.** approximation and scaling 8-86193
- Banerjee, M.** *see* Rajagopal, A.K. 8-56095, 8-60258
- Banerjee, M.B., Gupta, J.R., Shandil, R.G.** Generalized thermal convection with viscosity variations 8-71329
- Banerjee, M.B., Roy, R., Gupta, J.R., Banerjee, A.** A generalized biharmonic equation and its applications to hydrodynamic stability 8-90834
- Banerjee, M.B., Roy, R., Gupta, J.R., Shandil, R.G., Banerjee, A.** An open disc theorem and its contributions to hydrodynamic stability 8-59370
- Banerjee, M.B., Shandil, R.G., Gupta, J.** On further reducing Howard's semi-circle 8-90833
- Banerjee, M.K., Cammarata, J.B.** Theory of the low-energy pion-nucleon interaction 8-66150
- Banerjee, M.M.** On the analysis of large amplitude vibrations of non-uniform rectangular plates 8-90761
- Banerjee, P.** *see* Talukdar, B. 8-78104
- Banerjee, P.K.** *see* Bansal, R. 8-59728
- Banerjee, S., Chan, A.M.C., Ramanathan, N., Yuen, P.S.L.** Fast neutron scattering and attenuation technique for a measurement of void fractions and phase distribution in transient flow boiling 8-94870
- Banerjee, S., Ferch, R.L., Mathers, W.G., McDonald, B.H.** The dynamics of two-phase flow in a duct 8-94528
- Banerjee, S.** *see* Baland, J.F. 8-93911
- Banerjee, S.** *see* Bosetti, P.C. 8-70357
- Banerjee, S.** *see* Mukhopadhyay, P. 8-84779
- Banerjee, S.** *see* Pandey, R.K. 8-68814
- Banerjee, S.** *see* Paranjpe, S.A. 8-67133, 8-90778
- Banerjee, S.** *see* Unnikrishnan, M. 8-68697
- Banerjee, S.B.** *see* Chakravarti, S. 8-58715
- Banerjee, S.B.** *see* Sarkar, A.K. 8-58701
- Banerjee, S.K.** On the origin of stable remanence in pseudo-single domain grains 8-65275
- Banerjee, S.K.** *see* Levi, S. 8-65280, 8-81145
- Banerji, D.K., Sengupta, P.R.** Micropolar elastic waves in a cylindrical bore containing a fluid. I 8-51107
- Banerji, S.** Bounce of spheres in Einstein-Cartan theory 8-93572
- Banerji, S., Bhar, G.C.** Plasma laser star model of QSOs 8-96558
- Banerji, S.** *see* Das, K.C. 8-93576
- Banerji, S.K., McMahon, C.J., Jr., Feng, H.C.** Intergranular fracture in 4340-type steels: Effects of impurities and hydrogen 8-52978
- Banerji, S.K.** *see* McMahon, C.J., Jr. 8-60765
- Bang, E., Gareev, F.A., Ivanova, S.P.** The Sturm-Liouville expansion method in nuclear physics 8-89844
- Bang, J., Ibarra, R.H., Vaagen, J.S.** Note on the convergence properties of Sturm-Liouville expansions of nuclear overlaps 8-78281
- Bangert, E.** *see* Kummel, R. 8-68035
- Bangert, K.** *see* Berg, U.E.P. 8-93966
- Bangert, R.** *see* Steinmetz, B. 8-86522
- Bangham, M.J.** Theoretical far-infrared atmospheric emission spectra 8-92978
- Bangre, B.M.** *see* Ingle, S.G. 8-60410, 8-64340
- Bania, P.J., Eylon, D.** Fatigue crack propagation of titanium alloys under dwell-time conditions 8-80639
- Banichuk, N.V., Kartvelishvili, V.M., Mironov, A.A.** Optimization with local quality criteria in plate bending theory 8-63295
- Banik, N.C., Overhauser, A.W.** Theory of the anomalous electromagnetic generation of ultrasound in aluminum 8-84131
- Banilova, E.B., Semenova, N.G.** Dynamic characteristics of acoustic streaming in the field of an acoustic dipole 8-50973
- Banjavic, R.** *see* Zagzebski, J. 8-73182
- Banjaya, N.** *see* Fujita, H. 8-74928
- Banjyoya, N.** *see* Nakai, S. 8-59603
- Banker, J.G.** *see* Holcombe, C.E. 8-85154
- Bankoff, S.G., Maeshima, M., Segev, A., Sharon, A.** Destabilization of film boiling in liquid-liquid systems 8-94588
- Bankoff, S.G.** *see* Yim, A. 8-94585
- Ban'kovskii, N.G., Korotkov, K.G.** Analysis of the change in work function of a metal surface on simultaneous adsorption of atoms of two different elements 8-60184
- Banks, D., Boesten, L.G.J.** Ionisation of He^+ ions by electron impact 8-66666
- Banks, D., Leopold, J.G.** Ionisation of highly excited atoms by electric fields. II. Classical theory of the Stark effect 8-82687
- Banks, P.M.** *see* Horwitz, J.L. 8-77399, 8-77431

- Banks, T.M.** *see* Macero, D.J. 8-73128
- Banna, M.S.**, Wallbank, B., Frost, D.C., McDowell, C.A., Perera, J.S.H.Q. Free atom core binding energies from X-ray photoelectron spectroscopy. II. Na, K, Rb, Cs, and Mg 8-74699
- Banna, M.S.** *see* Hitchcock, A.P. 8-62934
- Banna, M.S.** *see* Martin, R.L. 8-70800
- Bannai, E.** *see* Aono, M. 8-63909
- Bannai, E.** *see* Tanaka, T. 8-84134
- Bannenber, J.G.**, Doorn, S., Saris, F.W. A new accelerator for multiply charged ions at low energy 8-66437
- Banner, M.** *see* Clark, A.G. 8-89751, 8-89759
- Bannier, U.** *see* Haag, R. 8-57852
- Bannikov, Yu.M.**, Lukashchikov, V.A. Experimental investigation of the lift and drag of hydroplaning plates 8-63523
- Bannink, W.J.** *see* Nebbeling, C. 8-90932
- Bannister, P.R.**, Dube, R.L. Simple expressions for horizontal electric dipole quasi-static range subsurface-to-subsurface and subsurface-to-air propagation 8-73375
- Banno, S.** *see* Ito, S. 8-63860
- Bannykh, O.A.**, Blinov, V.M., Stremina, L.L. The structure and mechanical properties of aged non-magnetic stainless steels 8-56666
- Bannykh, O.A.**, Doronin, I.V., Reznitskii, E.L., Orlova, T.K., Chelyshev, A.E. Phase and structural transformations in 12Kh21N5T steel 8-95748
- Banov, R.M.**, Parshorov, I.M., Kamenova, T.S.Z. Relaxation behaviour in austenitic steels alloyed with nitrogen 8-52872
- Bansal, C.** Concentration dependence of the average magnetic moment for F.C.C. Co-Fe alloys 8-88099
- Bansal, L.K.** *see* Prakash, R. 8-71781
- Bansal, R.**, Banerjee, P.K., Ailawadi, N.K. Extraction of pair-interactions from neutron inelastic scattering data 8-59728
- Bansal, R.K.** *see* Ramanathan, Y. 8-85625
- Bansaragtschin, B.**, Link, R., Lehmann, G. TSM-grown ($\text{Pb}_{0.9}\text{Sn}_{0.1}$)Te semiconductor single crystals 8-68625
- Banshchikov, A.G.**, Korsukov, V.E., Kosobukin, V.A. Surface polaritons and splitting of optical frequencies in amorphous solid substances 8-72090
- Bansigir, K.G.** *see* Sankaram, T.B. 8-59970
- Bansil, A.** *see* Schwartz, L. 8-95250
- Bantel, M.** Optical length measurement in precision instrumentation 8-89434
- Banthiya, N.K.** *see* Afzal, N. 8-55646
- Bantser, S.G.** *see* Pasechnik, Yu.A. 8-52579
- Banu, H.**, Gupta, H.M.S., Watt, F. A study of the level properties of ^{57}Co from the (τ, d) reaction on ^{56}Fe 8-93946
- Banuelos, A.**, Rodriguez-Trelles, F. Series expansion for intensity components of non-relativistic bremsstrahlung 8-50648
- Banuelos, A.**, Rodriguez-Trelles, F. A program for calculating the angular distribution of non-relativistic Bremsstrahlung intensity 8-87001
- Banus, M.D.** *see* Jena, A.K. 8-56627
- Banyard, K.E.**, Reed, C.E. Momentum distributions for two-electron systems: electron correlation and the Coulomb hole 8-86793
- Banyard, K.E.** *see* Moore, J.C. 8-50635
- Bao Cheng-Guang**, Chao Wei-Chin A relativistic correction to the Glauber theory and the high energy behaviour of the scattering amplitude 8-86427
- Bao Zi-Wei**, Wei Rong-Jue Study on speaker's voice quality through analysis of speech noise 8-92649
- Bao-Kun Cui** *see* Cui Bao-Kun
- Bapat, V.N.** *see* David, M. 8-64418
- Bappu, M.K.** *see* Vainu *see* Vainu Bappu, M.K.
- Baptizmanskii, V.V.**, Novak, I.I., Chmel, A. Raman FTIR spectra of α quartz 8-52491
- Bapu Rao, M.N.**, Guruswamy, P., Venkateshwar Rao, M., Pavithran, S. Studies on vibration of some rib-stiffened cantilever plates 8-83297
- Bar-Avraham, E.**, Fisher, A., Mako, F., Shiloh, J., Peacock, J. A fast interferometer using a nitrogen laser for dense plasmas 8-87489
- Bar-Avraham, E.**, Ginzburg, A. Energy transfer from a low-voltage capacitor bank to a high inductance with the aid of an air pulse transformer 8-49860
- Bar-Cohen, A.**, Distel, H. Bubble-pumped augmented natural convection in submerged condenser systems 8-94535
- Bar-Cohen, Y.** *see* Arieli, A. 8-76770
- Bar-Sagi, J.** The reflectivity of S-N interface and applications 8-91822
- Bar-Shalom, A.** *see* Klapisch, M. 8-79470
- Bar-Yam, Z.** *see* Russ, J. 8-78202
- Bar-ziv, E.**, Kafri, O. Multiphoton excitation and dissociative ionization of SF₆ 8-58754
- Bara, St.** *see* Grosu, D. 8-67552
- Baraban, A.P.** *see* Tarantov, Yu.A. 8-68082
- Barabanov, A.F.** *see* Atoyan, A.M. 8-72141
- Barabanov, A.F.** *see* Tselvik, A.M. 8-79963
- Barabanov, B.N.**, Blinov, I.G., Dorodnov, A.M., Dudova, S.V., Minaichev, V.E., Miroshkin, S.I., Muboyadzhyan, S.A., Pome-lov, Ya.A., Prilepskii, V.N., Strukov, Yu.A., Tumanov, A.T. High-energy plasma technology equipment - 'cold' systems for generating plasmas of conducting solids 8-51367
- Barabanov, V.V.**, Lyapunov, V.T. Energy aspects of flexural vibrations of an infinite plate with losses in a fluid 8-83319
- Barabanova, G.Ya.**, Il'in, V.P., Levkovskii, Yu.L., Chalov, A.V. Determination of the concentration of cavitation nuclei in water 8-83440
- Barabash, L.S.** *see* Aleksandrov, V.S. 8-66436
- Barabash, P.A.** *see* Rifert, V.G. 8-75039
- Barabashkin, V.M.** *see* Sandovskii, V.A. 8-60939
- Baracca, A.**, Lunardini, A., Ruffo, S. On the tests of quantum theory: how many different theoretical frameworks? 8-62105
- Barad, K.M.**, Chou, Y.T. Antiplane line force in a three-phase anisotropic medium 8-67041
- Baraff, G.A.**, Shluter, M. Self-consistent Green's-function calculation of the ideal Si vacancy 8-91640
- Baragar, D.** *see* Sahoo, M. 8-68730
- Baragiol, R.A.**, Alonso, E.V., Auciello, O., Ferron, J., Lantschner, G., Oliva Florio, A. Molecular effects on ion-electron emission from clean metal surfaces 8-80446
- Baraishchuk, S.I.** *see* Khazanov, G.V. 8-69565
- Barak, H.**, Loewenschuss, A., Marcus, Y. The Raman spectrum of mercury (II) iodide in high temperature solvents 8-86876
- Barakat, R.**, Blake, J. Second-order statistics of speckle patterns observed through finite-size scanning apertures 8-63011
- Barakat, R.**, Fortini, P. Extreme-value statistics for laser speckle patterns observed through finite-size scanning apertures 8-66759
- Barakat, R.** *see* Fox, R.F. 8-54320
- Barakat, S.A.**, Sims, G.E. Heat transfer in pool barbotage [cine-photographic-oscillographic technique] 8-90982
- Baran, A.** Some dynamical aspects of the fission process 8-62586
- Baran, E.J.** A correlation between the V-O-V bridge stretching frequencies and angle in divanadates 8-74636
- Baran, Gh.** Research on motion with cavitation around a circular cylinder 8-67234
- Baran, J.** *see* Ratajczak, H. 8-56489
- Baran, W.** Present state and courses of development in satellite geodesy 8-88780
- Baranchikov, E.I.**, Gordeev, A.V., Korolev, V.D., Rudakov, L.I., Smirnov, V.P. The propagation of a high-current electron beam along plasma channels 8-87455
- Barancok, D.**, Barta, S., Dieska, P. Semiconductor-metal transition by randomly shifted bands model 8-79929
- Barancok, D.** *see* Thurzo, I. 8-60388
- Barandiaran, J.M.** *see* Hernandez, J. 8-70167
- Baranenkov, V.I.**, Chichkan, L.A., Smirnov, G.F. Optical investigation of heat transfer mechanism with boiling in narrow spaces 8-94527
- Baranetskii, V.S.** *see* Yanchishin, F.P. 8-56693
- Baranik, A.T.**, Bondouk, I., Sharaf, H. An investigation of the Si28(d,p)Si29 reaction in the deuteron energy range 1.0 to 2.5 MeV 8-62543
- Barannik, V.A.**, Yermenko, Ye. V., Spiner, O.M. Determination of eddy viscosity and friction at the bottom in wind-driven currents in shallow water basins 8-65319
- Barannik, V.P.** Production of lepton pairs at neutrino scattering off nuclei 8-54749
- Baranov, A.A.** *see* Kolpashchikov, V.L. 8-67219
- Baranov, A.I.**, Shuvalov, L.A., Konstantinova, V.P. Change of the order of the phase transition in some ferroelectric crystals of the triglycine sulphate family under the influence of hydrostatic pressure 8-52452
- Baranov, A.I.** *see* Kharitonov, Yu.N. 8-68459
- Baranov, A.I.** *see* Shirokov, A.M. 8-52453
- Baranov, A.S.**, Volkov, M.S. On the nonexistence of an additional integral of the motion of a star in a cluster 8-65663
- Baranov, D.S.**, Gershtein, S.S., Ivanilov, A.A., Konyushko, V.I., Korabely, V.M., Korotkov, V.A., Kuznetsov, E.P., Makeev, V.V., Nikitin, Yu.P., Parshikura, S.N., Polyarush, A.Yu., Rjabov, Yu.G., Smirnov, Yu.I., Sokolov, A.A., Volkov, G.G., Yarba, V.A. Preliminary results on SKAT neutrino experiment at 2-30 GeV 8-62390
- Baranov, E.A.** *see* Morozov, E.V. 8-53080
- Baranov, E.I.**, Kapralova, V.P. Oscillations of Gulf Stream channel line as functions of atmospheric circulation type 8-92841
- Baranov, M.N.**, Kroshkina, N.A., Kustov, E.F. Splitting of the energy levels of the ions with the dⁿ configuration in crystals fields of trigonal and tetragonal symmetry 8-51949
- Baranov, M.N.**, Kustov, E.F. Calculation of intensities of intercombination transitions in strong crystal fields 8-84175
- Baranov, P.** *see* Conetti, S. 8-93905
- Baranov, P.** *see* Hartmann, J. 8-62460
- Baranov, P.G.**, Zhitnikov, R.A., Khramtsov, V.A. Properties of Hg⁺ ions in alkali halide crystals 8-91933
- Baranov, P.G.** *see* Badalyan, A.G. 8-91947
- Baranov, P.N.** *see* Suminov, V.M. 8-71299
- Baranov, S.M.** *see* Plyusnin, V.F. 8-49934
- Baranov, V.G.** *see* Elyashevich, G.K. 8-51445
- Baranov, V.K.** Focone and focone concentration of radiation scattered by circumsolar parts of the sky 8-83064
- Baranov, V.K.** Parabolotric focone as secondary solar energy concentrator 8-90478
- Baranov, V.K.** Structure of beam reflected by heliostat 8-90482
- Baranov, V.K.**, Kuzovaya, V.L., Minkov, I.M. Theoretical and experimental studies of the diffraction of light by a fiber-type light shield 8-90521
- Baranov, V.K.** *see* Braslavskaya, M.V. 8-79091
- Baranov, V.M.** *see* Anufriev, B.F. 8-70591
- Baranov, V.S.** *see* Iolin, E.M. 8-52338
- Baranov, V.Yu.**, Breev, V.V., Dalyuta, D.D., Niz'ev, V.G. Limits on pulse repetition frequency in periodically operated CO₂ lasers 8-50750
- Baranov, V.Yu.**, Klepach, G.M., Malyuta, D.D., Mezhevo, V.S., Niz'ev, V.G., Chalkin, S.F. High-repetition-rate pulsed CO₂ laser 8-90409
- Baranov, V.Yu.**, Vysikailo, F.I., Napartovich, A.P., Niz'ev, V.G., Pigul'zki, S.V., Starostin, A.N. The contraction of decaying discharge plasma in nitrogen 8-59696
- Baranova, L.L.**, Luk'yanov, V.N., Semenov, A.T., Shelkov, N.V., Yakubovich, S.D. Investigation of a thin-film grating filter under oblique-incidence conditions 8-50949
- Baranova, N.B.**, Bogdanov, Yu.V., Zel'dovich, B.Ya. New electro-optical and magneto-optical effects in liquids 8-84553
- Baranova, N.B.**, Zel'dovich, B.Ya. Resonant optical activity induced in gases by collisions with right-left nonsymmetrical molecules 8-75254
- Baranova, N.B.**, Zel'dovich, B.Ya. Separation of mirror isomeric molecules by radio-frequency electric field of rotating polarization 8-80317
- Baranovskii, A.L.** *see* Shershov, V.I. 8-85353
- Baranovskii, A.N.** *see* Pushin, V.G. 8-68711
- Baranovskii, A.N.** *see* Rats, Yu.V. 8-60685
- Baranovskii, A.N.** *see* Romanova, R.R. 8-76666
- Baranovskii, S.D.**, Efros, A.L., Gelmont, B.L., Shklovskii, B.I. Coulomb gas in disordered systems: computer simulation 8-84168
- Baranovskii, S.N.**, Solodkov, V.D. Longitudinal piezoresistance of n-type germanium deformed uniaxially along the (111) axis and subjected to a strong electric field 8-56147
- Baranovskii, A.**, Mucha, Z., Peradzynski, Z. Thermogasdynamical instability of continuous optical discharge 8-75397
- Baranowski, A.**, Rozenfeld, B., Debowska, M. Positron lifetime measurements in SiO₂ samples with high specific surface areas 8-92141
- Baranowski, B.**, Tkacz, M., Bujnowski, W. Determination of the absorption/desorption isotherms in metal-hydrogen systems at high pressures 8-51679
- Baranskii, P.I.**, Demidenko, L.S., Korolyuk, S.L., Samoilovich, A.G. Impurity scattering of electrons in quantizing magnetic fields 8-51954
- Barany, A.** Scattering matrix for curve-crossing collisions 8-70891
- Baranyai, A.**, Deme, S., Pellionisz, S., Rovid, M. Multi-channel dosimetric measuring device and its applicability in radiation protection 8-57072
- Baranyuk, V.B.** *see* Malik, A.I. 8-74069
- Baras, J.S.** Infinite dimensional filtering problems in optical communication systems 8-66779
- Barash, A.S.** *see* Gartsman, K.G. 8-51576
- Barash, Yu.S.** Energetic characteristics for the electromagnetic field in a nonabsorbing medium with frequency and space dispersion 8-74818
- Barash-Schmidt, N.** *see* Brimman, C. 8-66179
- Barashenkov, V.S.** *see* Tret'yakova, S.P. 8-86714
- Barashkov, B.I.** *see* Andreyeva, N.Ye. 8-76991
- Barat, M.** *see* Horsdal Pedersen, E. 8-58794
- Barath, F.T.** *see* Campbell, W.J. 8-81173
- Baratoff, A.** *see* Werner, K. 8-95062
- Baratta, G.B.**, Viotti, R., Altamore, A. Objective prism study of the 1977 spectrum of HDE 245770 = A0535+26 8-61866
- Barattieri, P.** *see* Attisani, A. 8-69467
- Baravian, G.**, Godart, J., Sultan, G. Experimental determination of the relaxation times for establishing a quasi-steady-state population in a laser created plasma in helium 8-59639
- Baraz, E.M.** *see* Zakharov, V.A. 8-57996, 8-76817

- Barb, D.**, Diamandescu, L. Mossbauer lineshape in the presence of electronic relaxation 8-60368
- Barb, D.**, Grecu, N.M., Grecu, V.V., Popescu, F.F. EPR evidence of soft mode contribution to the ferroelectric transition in ammonium sulphate 8-72469
- Barbanera, S.**, Carelli, P., Modena, I., Romani, G.L. A SQUID device for AC current measurements down to 10^{-14} A 8-49859
- Barbara, A.**, Uehara, M. Magnetization reversal and 1/H law in highly anisotropic materials 8-84454
- Barbara, A.K.** *see* Devi, M. 8-69591
- Barbara, A.K.** *see* Tyagi, T.R. 8-69598
- Barbara, B.**, Rossignol, M.F., Boucherle, J.X., Buevoz, J.L., Schweizer, J. The magnetic behaviour of CeAl_2 at low temperature 8-84395
- Barbarin, F.**, Chevarin, B., Germain, J.P., Fabre, C., Cabaret, D. Electron paramagnetic resonance: study using a deuterated nitroxide radical probe, of the macroscopic and microscopic orientation of the isotropic and nematic phases of EBBA 8-75546
- Barbarin, F.**, Chevarin, B., Germain, J.P., Fabre, C., Cabaret, D. Synthesis of an elongated deuterated nitroxide probe. Characterisation of its hyperfine parameters; Application to the study of molecular motions in fluid media 8-76314
- Barbaro-Galtieri, A.** *see* Bricman, C. 8-66179
- Barbaro-Galtieri, A.** *see* Feller, J.M. 8-66136
- Barbaro-Galtieri, A.** *see* Jaros, J.A. 8-50042
- Barbaro-Galtieri, A.** *see* Scharre, D.L. 8-89723
- Barbaro-Galtieri, A.** *see* Vuillemin, V. 8-93876
- Barbashev, A.I.** *see* Krylov, K.I. 8-53122
- Barbashov, B.M.**, Nesterenko, V.V. Relativistic string with massive ends 8-62073
- Barbato, G.**, Desogus, S., Levi, R. Design and performance of a deadweight standard Rockwell hardness testing machine 8-88592
- Barbe, A.** *see* Monnanteuil, N. 8-82718
- Barbee, T.W., Jr.** *see* Ilonca, G. 8-72299
- Barber, A.** *see* Prewitt, J.M.S. 8-73291
- Barber, D.P.**, Dainton, J.B., Lee, L.C.Y., Marshall, R., Thompson, J.C., Williams, D.T., Brodbeck, T.J., Frost, G., Osborne, A.M., Patrick, G.N., Pearce, G.F., Sloan, T., Brookes, G.R., Haynes, W.J., Wilkes, P.B. Inclusive π^0 photoproduction and the quark-parton model 8-78189
- Barber, D.P.** *see* Singh, J. 8-93910
- Barber, G.C.**, Broverman, A.Y., Hill, R.E., Loring, C.M., Ponte, N.S., Schilling, G., Wright, R.E. The design philosophy and use of high voltage power systems for multimegawatt ion beam accelerators 8-62613
- Barber, G.C.**, Ponte, N.S., Schilling, G. The development of use of 60 kV, 80 kV, and 150 kV floating deck modulators for high voltage protection of multimegawatt ion beam accelerators 8-66392
- Barber, J.** Biophysics of photosynthesis 8-92605
- Barber, J.**, Tredwell, C.J., Porter, G. Application of picosecond spectroscopy to photosynthesis research 8-53601
- Barber, J.**, Tredwell, C.J., Porter, G. Application of picosecond spectroscopy to photosynthesis research 8-68964
- Barber, K.E.** *see* Oldfield, F. 8-61519
- Barber, M.**, Bounds, D.G., Hinchliffe, A., Sedgwick, R.D. Electronic ground state of $^2\text{N}_2\text{O}^+$ 8-82644
- Barber, M.**, Clark, J.D., Hinchliffe, A. Electronic energy levels of XCl_4^{2+} [X=Mn, Co, Cu] calculated by conventional and X α Hartree-Fock methods 8-66470
- Barber, M.**, Clark, J.D., Hinchliffe, A. An SCF-X α study of the ionization energies of the octahedral complexes XF_6^{n+} (X=S, P, Si, Al) 8-70967
- Barber, M.N.**, Guttman, A.J., Middlemiss, K.M., Torrie, G.M., Whittington, S.G. Some tests of scaling theory for a self-avoiding walk attached to a surface 8-81927
- Barber, S.A.** *see* Hammett, F.G. 8-64723
- Barbian, E.F.**, Barth, C.J., Oepets, D. Thomson scattering spectrum recorded with an optical multichannel analyzer 8-67432
- Barbian, O.A.** *see* Holler, P. 8-92435
- Barbier, D.** *see* Maire, J. 8-68553
- Barbier, P.** *see* Mairesse, G. 8-51487, 8-63720
- Barbier, R.**, Dossin, F., Klutz, M., Swings, J.P., Vreux, J.M., Jaschek, C., Jaschek, M. Spectral classification of ultraviolet objects 8-65602
- Barbier-Neyret, J.-P.** *see* Lismode, B. 8-59521
- Barbieri, R.** Radiative corrections to electron form factors 8-82213
- Barbieri, R.**, Gatto, R., Strocchi, F. Quark mass matrix and discrete symmetries in the $\text{SU}(2) \times \text{U}(1)$ model 8-54607
- Barbieri, R.**, Remiddi, E. Solving the Bethe-Salpeter equation for positronium 8-93831
- Barbon, R.**, Benacchio, L., Capaccioli, M. Photographic photometry of bright galaxies. V. NGC 3898 and NGC 4036 8-54045
- Barbosa, G.A.**, Katiyar, R.S., Porto, S.P.S. Optical properties of SrTiO_3 at high temperatures 8-64342
- Barbour, M.S.** *see* Kemp, J.C. 8-89274
- Barbrow, L.E.**, Barrow, B.B. Conversion of US customary units of length, area, and volume to SI 8-77836
- Barbry, F.**, Bousquet, J., Prigent, R., Renard, C. Criticality accidents at facilities for processing fissile material: characteristics, detection and action procedures 8-55054
- Barbu, St.**, Negoita, M.Gh. Silicon plate resistivity measuring aspects by means of the constriction resistance method 8-54390
- Barbulescu, A.** *see* Kolar, D. 8-83794
- Barbuy, B.** Analysis of the subgiant halo star HD 76932 8-81626
- Barchielli, A.**, Lanz, L. Quantum mechanics with only positive-time evolution for an isolated system 8-49718
- Barclon, A.** *see* Lessen, M. 8-92955
- Barclon, V.** On the information content of natural frequency spectra associated with different angular numbers 8-61344
- Barclay, D.W.** *see* Moodie, T.B. 8-75090
- Barcos, M.** Identification by irradiation, in Vitro of two components of erythropoietin action 8-65094
- Barcz, A.**, Cichocki, B., Turos, A., Wielunski, L. Deconvolution of the energy spectra 8-54164
- Bard, A.J.** *see* Luttmir, J.D. 8-60524
- Bard, C.**, Munier, J., Escudie, B., Hellion, A. The angular response of correlation interferometers and the binaural perception system of bats 8-80883
- Bard, J.C.**, Asaro, F., Heizer, R.F. Perspectives on the dating of prehistoric Great Basin petroglyphs by neutron activation analysis 8-70243
- Bardadin-Otwinowska, M.** *see* Moriyasu, K. 8-66165
- Bardakov, V.M.** The relaxation of a fast ion beam in a Tokamak plasma 8-87457
- Bardakov, V.M.**, Pistunovich, V.I. The calculation of the quality factor for a two-component Tokamak 8-87500
- Bardamante, F.** *see* Fidecaro, G. 8-66157
- Bardas, D.**, Kellogg, E., Murray, S., Enck, R., Jr. Detection of soft X-rays with NEA III-V photocathodes 8-93110
- Bardeen, J.** Motion of flux lines in nearly pure superconductors 8-52171
- Bardeen, W.A.**, Tye, S.-H.H., Vermaseren, J.A.M. Phenomenology of the new light Higgs boson search 8-70319
- Bardeleben, H.J.** *see* von Bardeleben, H.J.
- Bardeleben, H.J.** *see* von Bardeleben, H.J.
- Bardell, A.G.** *see* Axton, E.J. 8-94174
- Barden, J.A.**, Mason, P. Muscle crossbridge stroke and activity revealed by optical diffraction 8-69021
- Bardet, R.**, Bernard, M., Briffod, G., Clement, M., Gauthier, A., Gregoire, M., Grelot, P., Hesse, M., Legardeur, R., Parlange, F., Perin, J.P., Pinet, D., Porrot, E., Rey, G., Taquet, B., Weisse, J., Zymanski, S. TTPM heating studies on Petula Tokamak 8-70634
- Bardi, U.** *see* Maglietta, M. 8-91546
- Bardin, V.P.**, Kurbesov, Yu.I., Buzhinskii, I.M., Kostyutkin, V.G., Sinyakov, V.F., Stepanov, S.E., Khomyakov, A.N. Grinding and polishing of the blank of the LAT primary mirror 8-90541
- Bardo, R.D.**, Kleinman, L.I., Raczkowski, A.W., Wolfsberg, M. The effects of electron correlation on the adiabatic correction and on equilibrium constants for isotopic exchange reactions 8-88626
- Bardo, R.D.**, Wolfsberg, M. The adiabatic correction for nonlinear triatomic molecules: techniques and calculations 8-62735
- Bardon, J.** *see* Audiffren, M. 8-84036
- Bardos, L.**, Musil, J., Zacek, F. The negative role of the fast electrons in the microwave oxidation of silicon 8-64744
- Bardowicks, H.** A mathematical model of vortex-excited oscillations of slender, slightly damped structures 8-94616
- Bardley, J.N.** *see* Lin, S.L. 8-90262
- Barducci, A.**, Lusanna, L., Sorace, E. Relativistic action at a distance through singular Lagrangians with multiplicative potentials and its relation to the nonrelativistic two-body problem 8-93531
- Bardya, R.** Investigation of the effect of silica fillers on the compression strength of furan resins 8-68740
- Bare, G.H.** *see* Alben, J.O. 8-96007
- Bareikis, V.** *see* Prikhod'ko, A. 8-84288
- Bareishis, I.P.** *see* Marchyulonis, D.-V. 8-85082
- Barelli, A.E.** *see* Nokes, M.A. 8-77101
- Barenberg, S.** *see* Anderson, J.M. 8-91264
- Barenghi, C.F.**, Montaldi, E. On the decay of the continuous spectrum for the sine-Gordon equation 8-71143
- Barentsen, W.**, Heijdenrijk, P.J., Heikens, D., Piet, P. Mechanical properties of polystyrene/ethylene-propylene copolymer blends 8-52899
- Barentzen, H.**, Polansky, O.E. Canonical transformation approach to the linear Jahn-Teller effect E-e 8-67993
- Baret, J.F.** *see* Firpo, J.L. 8-51795
- Baret, R.** *see* Girard, C. 8-60655
- Barfield, J.N.** *see* Hughes, W.J. 8-57401, 8-85775
- Bargel, B.** Texture analysis of remote sensed data 8-61628
- Barger, J.E.** *see* Fry, F.J. 8-69159
- Barger, V.**, Gottschalk, T., Nanopoulos, D.V., Abad, J., Phillips, R.J.N. Helicity calculations for heavy-lepton production and cascade decay 8-93870
- Barger, V.**, Gottschalk, T., Phillips, R.J.N. Electromagnetic muon-pair contributions in neutrino trimuon production 8-66106
- Barger, V.**, Gottschalk, T., Phillips, R.J.N. Sources of tetramuon production by neutrinos 8-70356
- Barger, V.**, Gottschalk, T., Phillips, R.J.N. Internal Drell-Yan mechanism for neutrino trimuon production 8-89656
- Barger, V.**, Phillips, R.J.N. Test for new neutrinos in beam-dump experiments 8-50004
- Bargouth, M.O.** *see* Buschow, K.H.J. 8-72346
- Bargouth, M.O.** *see* Will, G. 8-84392
- Barham, P.J.** *see* Arridge, R.G.C. 8-76719
- Barhydt, H.** Effect of F-number and other parameters on FLIR performance in nearly BLIP systems 8-77981
- Barl, R.A.** *see* Albright, D.C. 8-70621
- Baribaud, M.** *see* Monllor, C. 8-74820
- Barick, D.** *see* Hasselmann, K. 8-81418
- Bariev, R.Z.** Higher-order correlation functions of the planar Ising model. II 8-95408
- Barigazzi, G.**, Nizzoli, F. The effective charge tensor in Se: A microscopic treatment 8-59879
- Baril, M.** *see* Berger, C. 8-54494
- Barili, P.L.** *see* Chidichimo, G. 8-58719
- Barinov, I.P.** *see* Golovkin, V.S. 8-72374
- Barinov, V.I.** Kinetic effects in plasma resonance in weak fields 8-83532
- Barish, B.**, Bodek, A., Brown, K.W., Shaevitz, M.H., Siskind, E.J., Diamant-Berger, A., Dishaw, J.P., Faessler, M., Liu, J.K., Merritt, F.S., Wojcicki, S.G. Observation of prompt single muon production by hadrons at Fermilab 8-89750
- Barish, B.C.** Experimental aspects of high energy neutrino physics 8-50028
- Barish, B.C.**, Bartlett, J.F., Bodek, A., Brown, K.W., Buchholz, D., Chu, Y.K., Sciulli, F., Siskind, E., Stutte, L., Fisk, H.E., Krafczyk, G., Nease, D., Fackler, O. Experimental mean y values and integrated structure functions for neutrino and antineutrino scattering at high energy 8-62386
- Barish, B.C.**, Bartlett, J.F., Bodek, A., Brown, K.W., Buchholz, D., Chu, Y.K., Sciulli, F., Siskind, E., Stutte, L., Fisk, H.E., Krafczyk, G., Nease, D., Fackler, O. Charged current neutrino and antineutrino cross section results from the CITEF experiment 8-89699
- Barish, B.C.** *see* Merritt, F.S. 8-66104
- Barish, J.** *see* Alsmiller, R.G., Jr. 8-94144
- Barish, R.J.**, Boag, J.W. High-sensitivity autoionography 8-86960
- Barish, S.J.** *see* Derrick, M. 8-82197
- Barish, S.J.** *see* Dombeck, T. 8-82255
- Barisic, S.** *see* Bjelis, A. 8-79731, 8-95152
- Barisoni, M.**, Candiotti, M. A new high permeability grain oriented Fe-3% Si steel 8-91886
- Bariss, V.O.**, Paikens, G.P. Permitted band parameter influence on results of experimental charge carrier concentration temperature dependence handling on a computer 8-52006
- Bark, F.** *see* Cohen, I. 8-75147
- Bark, F.H.**, Meijer, P.S., Cohen, H.I. Spin-up of a rapidly rotating gas 8-55652
- Bark, F.H.**, Tinoco, H. Stability of plane Poiseuille flow of a dilute suspension of slender fibres 8-71388
- Barkalaya, A.A.** *see* Vintaikin, E.Z. 8-68694
- Barkan, A.I.** *see* Belyi, V.A. 8-53183
- Barkan, I.B.**, Marennikov, S.I., Pestryakov, E.V., Entin, M.V. Laser-induced optical damage in iron-doped lithium niobate 8-95572
- Barkatt, A.**, Kobayashi, Y., Rabani, J. Absorption spectra of radiation products (Cd^+ , Pb^+ , I_2^-) in sodium metaphosphate glasses 8-64865
- Barkely, J.F.**, Ruegg, F.C. Automating analytical instrumentation 8-73127
- Barker, A.S., Jr.**, Merz, J.L., Gossard, A.C. Study of zone-folding effects on phonons in alternating monolayers of GaAs-AlAs 8-72510
- Barker, B.E.** *see* Fox, M.F. 8-94208
- Barker, D.S.** Magnetic trends on alkali-iron-magnesium diagrams 8-85551
- Barker, E.S.** *see* McClintock, W. 8-81620

- Barker, F.C.**, Ferdous, N. 3^+ states of ^8Be 8-89789
- Barker, I.S.**, Randa, J., Storrow, J.K. Complete experiments in proton-proton elastic scattering 8-54647
- Barker, I.S.**, Storrow, J.K. Regge poles and cuts in π^0 photoproduction and related reactions 8-66127
- Barker, J.A.**, Steele, W.A. Response functions for crystals and surfaces, with applications to surface scattering 8-72669
- Barker, J.A.** *see* Dion, D.R. 8-80443
- Barker, J.H.**, Sarantites, D.G., Skeppstedt, O., Wallander, E., Alenius, G., Arnell, S.-E. Multiplicity of the γ -cascades in the ^{61}Cu continuum: dependence on excitation energy of the entry states 8-82311
- Barker, J.H.** *see* Sarantites, D.G. 8-50208
- Barker, J.H.** *see* Westerberg, L. 8-70484
- Barker, J.L.** *see* McBurney, R.N. 8-80867
- Barker, J.R.** *see* Eckstrom, D.J. 8-63108
- Barker, J.R.** *see* Seiler, D.G. 8-84254
- Barker, L.M.**, Leslie, W.C. Short rod K_{10} tests of several steels at temperatures to 700K 8-60815
- Barker, P.F.** The plate tectonic revolution—ten years on 8-61386
- Barker, P.H.**, Naylor, H., White, R.E. Limits on differential hysteresis in an Enge split-axis spectrograph and on the accuracy of proton beam energy calibrations 8-55082
- Barker, P.J.** *see* Bogges, A. 8-96382
- Barker, R.E.** *see* Frost, R.S. 8-84013
- Barker, R.E., Jr.** *see* Alley, D.M. 8-73286
- Barkhatov, N.A.** An interpretation of the dependence of Pc3-4 activity on solar wind velocity 8-73585
- Barkhudarov, E.M.**, Berezovskii, V.R., Chelidze, T.Ya., Chichinadze, V.V., Gelashvili, G.V., Taktakishvili, M.I. Characteristics of the pulsed discharge in a CO_2 laser 8-71617
- Barkin, Yu.V.** Plane periodic motions of two rigid bodies 8-73840
- Barkin, Yu.V.** On the theory of rotational motion of Mercury and synchronous satellites of planets 8-93134
- Barkin, Yu.V.**, Pankratov, A.A. Periodic motions of an axisymmetric satellite with respect to its center of mass in an elliptical orbit 8-96378
- Barklie, R.C.**, O'Donnell, K., Henderson, B. EPR of Ag^{2+} in β -alumina 8-95515
- Barklie, R.C.** *see* O'Donnell, K. 8-95517
- Barkoci, G.**, Fischer, L. Application of the gas analyzer INFRAMIK-E in the environmental protection 8-54474
- Barkov, L.M.**, Baryshev, V.B., Kulipanov, G.N., Mezentssev, N.A., Pindyurin, V.F., Skrinsky, A.N., Khorev, V.M. A proposal to install a superconducting wiggler magnet on the storage ring VEPP-3 for generation of the synchrotron radiation 8-62671
- Barlas, A.D.**, Rueckner, W.H.E., Wellenstein, H.F. A critical evaluation of high energy electron impact spectroscopy to measure Compton profiles 8-90299
- Barlas, A.D.** *see* Rueckner, W.H.E. 8-93786
- Barlic, B.** *see* Kobal, I. 8-80786
- Barlier, F.**, Berger, C., Falin, J.L., Kockarts, G., Thuillier, G. A thermospheric model based on satellite drag data 8-69555
- Barlogie, B.** *see* Johnston, D.A. 8-92757
- Barlow, H.B.** The efficiency of detecting changes of density in random dot patterns 8-69089
- Barlow, M.J.** The destruction and growth of dust grains in interstellar space. I. Destruction by sputtering 8-54020
- Barlow, M.J.** The destruction and growth of dust grains in interstellar space. II. Destruction by grain surface reactions, grain-grain collisions and photodesorption 8-54021
- Barlow, M.J.** The destruction and growth of dust grains in interstellar space. III. Surface recombination, heavy element depletion and mantle growth 8-54022
- Barlow, R.E.**, Goldman, M.L. Computed tomography of the skeletal system 8-88740
- Barlow, R.T.**, Hill, R.A., McIntire, D.C., O'Brien, J.F. Probabilistic evaluation of failure modes leading to the mispositioning of certain ECCS motor operated valves in Westinghouse NSSS 8-54866
- Barlow, R.T.**, Hill, R.A., McIntire, D.C., O'Brien, J.F. Probabilistic evaluation of failure modes leading to the mispositioning of certain ECCS motor operated valves in Westinghouse NSSS 8-70592
- Barlow, W.A.** *see* Roberts, G.G. 8-56239, 8-95590
- Barma, M.** *see* Kumar, D. 8-80161
- Barma, M.** *see* Mahanti, S.D. 8-67985
- Barman, B.N.**, Rahim, Z. Magnetic float densimeter for wide range density measurements 8-49801
- Barman, B.N.** *see* Rahim, Z. 8-91292
- Barman, F.** *see* Matthaeei, G.L. 8-51030
- Barna, A.**, Stark, J. Analytical determination of the potassium content of single bubbles in annealed tungsten wires 8-64909
- Barnakova, V.G.**, Grushnikov, A.G., Nazarov, A.S., Silaev, M.V. Small gadolinium ion-getter pump 8-89487
- Barnard, B.**, Caplin, A.D. 'Simple' behaviour of the low temperature electrical resistivity of silver? 8-51964
- Barnard, E.**, Reitmann, D. Scattering of fast neutrons from ^{103}Rh 8-78374
- Barnard, G.R.**, Deavenport, R.L. Propagation of sound in underwater surface channels with rough boundaries 8-55493
- Barnard, J.A.** *see* Ladbroke, P.H. 8-80075
- Barnard, R.D.** *see* Rahim, C.A. 8-91671
- Barnard, S.** *see* Winters, W. 8-57355
- Barnard, T.**, Seveus, L. Preparation of biological material for X-ray microanalysis of diffusible elements. II. Comparison of different methods of drying ultrathin cryosections cut without a trough liquid 8-77166
- Barnas, J.** Theory of magnon-plasmon interaction in antiferromagnetic semiconductors [and its influence on Raman scattering] 8-56302
- Barnas, J.** *see* Stasch, A. 8-60271
- Barnea, E.**, Mednick, R.L. A generalized approach to the fluid dynamics of particulate systems. III. General correlation for the pressure drop through fixed beds of spherical particles 8-83466
- Barnea, G.** On the logarithmic terms of the susceptibility 8-80126
- Barnes, A.** A class of homogeneous Einstein-Maxwell fields 8-65829
- Barnes, A.** *see* Nerney, S. 8-96372
- Barnes, A.J.**, Orville-Thomas, W.J., Szczepaniak, K. Studies of intermolecular interactions by matrix isolation vibrational spectroscopy 8-62952
- Barnes, A.J.** *see* Walsh, B. 8-86858
- Barnes, B.K.** *see* Karatzas, P.T. 8-62529
- Barnes, C.**, Estabrook, K.G., Krue, W.L., Langdon, A.B., Lasinski, B.F., Max, C.E., Randall, C., Thomson, J.J. Light absorption and scattering mechanisms in laser fusion plasmas 8-51312
- Barnes, C.A.** *see* Snover, K.A. 8-70443
- Barnes, C.B.** *see* Nast, T.C. 8-89040
- Barnes, C.E.**, Brown, J.M., Carrington, A., Pinkstone, J., Sears, T.J., Thistlethwaite, P.J. The EPR spectrum of the HO_2 radical and determination of ground state parameters 8-90193
- Barnes, C.W.**, Chenette, D.L., Conlon, T.F., Pyle, K.R., Simpson, J.A.S. Acceleration of nucleons in the interplanetary space and the modulation of Jupiter electrons in the interval from 1 to 10 A.U. by corotating regions of solar origin 8-61690
- Barnes, G.**, Barnes, G.B. Students' scores on Piaget-type questionnaires before and after taking one semester of college physics 8-81731
- Barnes, G.** *see* Pusateri, J. 8-50347
- Barnes, G.B.** *see* Barnes, G. 8-81731
- Barnes, G.T.** Insoluble monolayers and the evaporation coefficient of water 8-75909
- Barnes, G.T.** Insoluble monolayers and the evaporation coefficient of water—Reply to comments 8-75912
- Barnes, G.T.** *see* Yester, M.V. 8-73237
- Barnes, I.**, O'Neil, J.R., Trescases, J.J. Present day serpentinization in New Caledonia, Oman and Yugoslavia 8-69344
- Barnes, J.M.**, Santoro, R.T., Gabriel, T.A. The sensitivity of the first wall radiation damage to fusion reactor blanket composition 8-82512
- Barnes, J.M.** *see* Bettis, E.S. 8-62649
- Barnes, J.P.** *see* Burton, B. 8-52915
- Barnes, J.V.** *see* McClure, R.D. 8-57600
- Barnes, K.J.**, Jarvis, P.D., Ketley, I.J. A calculation of $\text{SO}(8)$ Clebsch-Gordan coefficients 8-58135
- Barnes, K.R.** Replication of refracting optics 8-50963
- Barnes, N.E.**, Piper, D.J.W. Late Quaternary geological history of Mahone Bay, Nova Scotia 8-77232
- Barnes, N.P.**, Scalise, S.J. Distributed aperture effect in laser rods with negative lenses 8-66857
- Barnes, P.A.**, Kyle, T.R., Grodkiewicz, W.A., Van Uiter, L.G. Lead silicate optical coatings for GaAs-AlGaAs lasers 8-71113
- Barnes, P.D.** Review of recent experiments in intermediate energy nuclear physics 8-50061
- Barnes, R.G.** *see* Hwang, T.Y. 8-56382
- Barnes, R.G.** *see* Hwang, Y.S. 8-80526
- Barnes, R.H.**, Kircher, J.F. Laser NO_2 fluorescence measurements in flames 8-56923
- Barnes, R.H.** *see* Walters, C.T. 8-63568
- Barnes, R.M.** Emission spectroscopy 8-80797
- Barnes, S.E.** A simple model for the resistive-nonresistive transition in granular superconductors 8-72298
- Barnes, S.E.** *see* Baberschke, K. 8-68370
- Barnes, T.G.**, Evans, D.S., Moffett, T.J. Stellar angular diameters and visual surface brightness. III. An improved definition of the relationship 8-53931
- Barnes, T.G.** *see* Moffett, T.J. 8-81624
- Barnes, V.E.** *see* Derrick, M. 8-82197
- Barnes, W.L.** Visible and infrared imaging radiometers for ocean observations 8-69536
- Barnet, A.B.** *see* Ohlrich, E.S. 8-77061
- Barnett, A.M.** *see* Catalano, A. 8-64066
- Barnett, A.R.** *see* Chew, S.H. 8-50164
- Barnett, B.** *see* Ching, W.Y. 8-84643
- Barnett, B.A.** *see* Aschman, D.G. 8-78201
- Barnett, B.B.** *see* Selzer, P.M. 8-84642
- Barnett, J.** *see* Dean Barnett, J.
- Barnett, M.E.**, Smith, R.W., Welford, W.T. Optical decoding of satellite-borne synthetic aperture radar 8-90384
- Barnett, M.E.** *see* Harnett, P.R. 8-90385
- Barnett, M.E.** *see* Williams, T.H. 8-93005
- Barnett, R.M.** Charged and neutral current couplings of quarks 8-89651
- Barnett, R.M.**, Lay Nam Chang, Weiss, N. Origins of neutrino events with three muons 8-66105
- Barnett, R.M.** *see* Abbott, L.F. 8-54603
- Barnett, T.P.** *see* Davis, R. 8-92834
- Barnett, W.B.** *see* Fisher, C.G. 8-65974
- Barney, J.** *see* Paulson, R.W. 8-78970
- Barnham, K.** *see* Gidal, G. 8-58201
- Barnham, K.W.J.** *see* Bartke, J. 8-66169
- Barnham, K.W.J.** *see* Bosetti, P.C. 8-70357
- Barnham, K.W.J.** *see* Gelfand, N. 8-74274
- Barnham, K.W.J.** *see* Grassler, H. 8-62466
- Barnham, K.W.J.** *see* Otter, G. 8-82251
- Barnham, K.W.J.** *see* Schmitz, P. 8-62467
- Barnighausen, E.** Elastic and inelastic scattering measurements of Bragg reflections of pentacerythritol single crystals using a Mossbauer diffraction method 8-75509
- Barnighausen, H.** *see* Heim, H. 8-75636
- Barnoski, M.K.**, Personick, S.D. Measurements in fiber optics 8-59143
- Barnoski, M.K.** *see* Tangonan, G.L. 8-63206
- Barns, R.L.**, Freeland, P.E., Kolb, E.D., Laudise, R.A., Patel, J.R. Dislocation-free and low-dislocation quartz prepared by hydrothermal crystallization 8-72712
- Baro, R.** *see* Humbert, M. 8-64805
- Baro, R.** *see* Wagner, F. 8-52849
- Barocchi, F.**, Zoppi, M. Collision induced light scattering spectra and pair polarisability of gaseous argon 8-55135
- Baron, A.A.** *see* Drozd, M.S. 8-80699
- Baron, B.** *see* Burton, L.C. 8-68080
- Baron, M.** New series of vapor-handling vacuum pumps 8-70147
- Baron, M.-H.** *see* de Loze, C. 8-90330
- Baron, M.J.** *see* Baker, D.J. 8-81485
- Baron, V.D.**, Mikhailenko, N.A. Structure of electrical discharge of the Black Sea ray 8-64969
- Baronavski, A.P.**, McDonald, J.R. Multiphoton vacuum ultraviolet laser dissociation of CH_3Br —analysis of chemiluminescent products 8-70884
- Baronavski, A.P.**, Miller, R.G., McDonald, J.R. Laser induced photodissociation of HN_3 at 266 nm. I. Primary products, photofragment energy distributions and reactions of intermediates 8-61037
- Baronavski, A.P.** *see* McDonald, J.R. 8-60982, 8-90238
- Barone, A.**, Paterno, G., Russo, M., Vaglio, R. Experimental results and analysis of structural fluctuations in light-sensitive Josephson junctions 8-56265
- Baroni, G.**, Lamanna, E., Petrer, S. Comparative study of inclusive correlation functions in proton interactions on emulsion nuclei 8-58279
- Baronnet, A.** Some aspects of polytypism in crystals 8-83764
- Baronnet, A.** *see* Amouric, M. 8-79587
- Baroody, E.M.** *see* Markworth, A.J. 8-54134
- Barosh, P.J.** Faults and seismicity in Eastern Massachusetts 8-85502
- Barquillas, J.** *see* Cantero, J.A. 8-49862
- Barquins, M.** *see* Maugis, D. 8-83336
- Barr, A.D.S.** *see* Elwany, M.H.S. 8-83288
- Barr, A.H.** *see* Das, P. 8-60223
- Barr, J.T.**, Lowther, G.E. Measured and laboratory-stated parameters of hydrophilic contact lenses 8-77149
- Barr, R.C.** *see* Hersh, L.T. 8-92614
- Barr, S.M.**, Zee, A. Calculating the electron mass in terms of measured quantities 8-66180
- Barr, T.L.**, Welsh, L.B., Szofran, F.R., Greene, J.E., Klinger, R.E. Surface studies of Y_2O_3 -doped CeO_2 and ZrO_2 thin films 8-72028
- Barr, W.L.**, Doggett, J.N., Hamilton, G.W., Kinney, J.D., Moir, R.W. Engineering of beam direct conversion for a 120-kV, 1-MW ion beam 8-54920
- Barr, W.L.** *see* Moir, R.W. 8-55743

- Barra, O.**, Conti, M., Corra, L., Visentin, R., Caratelli, E.P. Thermal regimes in a primary fluid heated by solar energy in a linear collector 8-75061
- Barra, O.**, Conti, M., Corra, L., Visentin, R., Marinelli, V. Transient temperature variations in the primary network of a solar power plant 8-75062
- Barra, O.A.**, Salmi, M., Visentin, R., Conforto, G. Preliminary results on a new simple method for solar radiation measurement 8-93004
- Barrabes, C.** see Boisseau, B. 8-62096
- Barrachin, B.** see Bhandari, S.K. 8-67136
- Barracrough, D.R.**, Harwood, J.M., Leaton, B.R., Malin, S.R.C. A definitive model of the geomagnetic field and its secular variation for 1965. I. Derivation of model and comparison with the IGRF 8-96133
- Barracrough, K.G.** see Treitinger, L. 8-84214
- Barracrough, P.B.**, Hall, P.G. Adsorption of water vapour by silica and the effect of surface methylation 8-84058
- Barracrough, W.A.** see Allen, N.L. 8-63534
- Barradas, R.G.**, Benson, F.C., Fletcher, S., Porter, J.D. Studies in electrocrystallization. I. A computer simulation of the effect of ohmic overpotential on the transient response of a three-dimensional progressive nucleation and growth mechanism 8-51842
- Barradas, R.G.**, Benson, F.C., Fletcher, S., Porter, J.D. Studies in electrocrystallization. II. Experimental determination of the effect of ohmic overpotential on the transient response of a three-dimensional progressive nucleation and growth mechanism 8-51843
- Barradas, R.G.**, Fletcher, S. Observations on the behaviour of Pb/PbCl₂ electrodes at low temperatures 8-68899
- Barrall, E.M.**, II see Doelman, A. 8-64901
- Barrat, J.-P.** see Hamel, J. 8-50621
- Barrat-Rambosson, M.**, Kucal, H. Inelastic collisions between N₂ molecules and Hg atoms in the 6³D₁ state 8-78791
- Barratt, P.J.**, Sloan, D.M. Thermal instabilities in twisted nematic liquid crystals 8-91241
- Barrau, J.** see Maere, H. 8-76535
- Barrault, M.R.** see Irie, M. 8-87528
- Barrault, M.R.** see Lewis, D.G. 8-54484
- Barrault, M.R.** see Smith, M.R. 8-87526
- Barrault, M.R.** see Walsley, H.L. 8-87529
- Barre, B.** see Pecqueur, M. 8-66430
- Barreiro, F.** see Nacasch, R. 8-54646
- Barrell, K.** see Love, J.D. 8-74979
- Barrell, K.F.**, Pask, C. The effect of cladding loss in graded-index fibres 8-50927
- Barrenechea, M.L.A.** Gauge for intensities of α lines using semi-conductor detectors 8-86716
- Barreto, F.C.** De Sa see De Sa Barreto, F.C.
- Barrett, A.A.** Observations of comets in Greek and Roman sources before A.D. 410 8-77658
- Barrett, A.H.** see Ho, P.T.P. 8-65677, 8-93373
- Barrett, A.H.** see Martin, R.N. 8-57609
- Barrett, B.R.**, Shlomo, S., Weidenmuller, H.A. Microscopic calculation of the form factors for deeply inelastic heavy-ion collisions within the statistical model 8-50205
- Barrett, B.R.** see Goode, P.R. 8-70460
- Barrett, B.R.** see Sandel, M.S. 8-50102
- Barrett, C.A.**, Johnston, J.R., Sanders, W.A. Static and dynamic cyclic oxidation of 12 nickel-, cobalt-, and iron-base high-temperature alloys 8-88576
- Barrett, C.A.**, Lowell, C.E. The cyclic oxidation resistance of cobalt-chromium-aluminium alloys at 1100 and 1200°C and a comparison with the nickel-chromium-aluminium alloy system 8-88572
- Barrett, C.S.** see Ruud, C.O. 8-66012
- Barrett, J.J.** Coherent anti-Stokes Raman scattering in gases 8-68968
- Barrett, P.**, Davidowski, L.J., Jr., Penaro, K.W., Copeland, T.R. Microwave oven-based wet digestion technique 8-92542
- Barrett, P.R.** An approximate method for calculating the temperature distribution in gas-filled cracked fuel elements 8-78446
- Barrett, T.W.** A mathematical theory of cochlear fluid mechanics: kinetic theory of nonequilibrium flows and of energy absorption and dispersion in the cochlear fluid-partition system 8-53440
- Barrett, T.W.** A deterministic interpretation of the commutation and uncertainty relations of quantum theory and a redefinition of Planck's constant as a coupling condition 8-73875
- Barrett, T.W.**, Peticolas, W.L., Robson, R.M. Laser Raman light-scattering observations of conformational changes in myosin induced by inorganic salts 8-96002
- Barrette, J.**, Braun-Munzinger, P., Gelbke, C.K., Harney, H.L., Wegner, H.E., Zeidman, B., Hildenbrand, K.D., Lynen, U. Nuclide distributions in deep inelastic reactions 8-58296
- Barrette, J.** see Braun-Munzinger, P. 8-58297
- Barricelli, N.A.** An hypothesis on the origin of Martian canyons 8-89098
- Barrick, D.E.** HF radio oceanography—A review 8-77241
- Barrie, R.**, Chow, H.-C. Raman scattering from impurities in semiconductors. II. Special cases 8-56469
- Barrie, R.**, Chow, H.-C. Optical absorption by impurities in semiconductors 8-56502
- Barrie, R.**, Sharpe, I.W. Raman scattering from impurities in semiconductors. I. General result 8-56468
- Barriere, A.S.** see Lachter, A. 8-64470
- Barrio-Paredes, R.** see Torres-Villasenor, G. 8-95777
- Barris, M.C.**, Frumkes, T.E. Rod-cone interaction in human scotopic vision. IV. Cones stimulated by contrast flashes influence rod threshold 8-69074
- Barron, E.J.**, Harrison, C.G.A., Hay, W.W. A revised reconstruction of the southern continents 8-92805
- Barron, E.L.** see Alderson, P.O. 8-65113
- Barros, H.G.P.** Lins de see Lins de Barros, H.G.P.
- Barros Leite, C.V.**, De Pinho, A.G., De Castro Faria, N.V. Relative radiative decay rates of vacancies in L-subshells of heavy elements 8-55137
- Barros Neto, B.** de see de Barros Neto, B.
- Barroso, A.**, Tadic, D. Internal conversion and parity nonconservation in nuclei 8-50125
- Barrow, B.B.** see Barbrow, L.E. 8-77836
- Barrow, H.**, Hornby, R.P., Mistry, J. The calculation of fully developed turbulent flows using a new mixing length model 8-94720
- Barrow, J.D.** Modern cosmological models 8-77636
- Barrow, J.D.** A cosmological limit on the possible variation of G 8-93492
- Barrow, R.F.** see Lumley, D.J.W. 8-55181
- Barrow, R.F.** see Martin, E. 8-62817
- Barrow, R.F.** see Pouilly, B. 8-74674
- Barroe, R.**, Rialland, J.F., Perron, J.C. Measurements of the viscosity, density and surface tension of liquid tellurium 8-91371
- Barry, D.C.**, Cromwell, R.H., Schoolman, S.A. The solar metallicity and colors from spectral quantification 8-65577
- Barry, J.C.** see Bursill, L.A. 8-87701
- Barry, J.D.**, Brandelik, J.E. Near-infrared laser action from acetone vapor 8-63055
- Barry, J.D.**, Kennedy, C.J. Frequency doubling of a solar pumped Nd:YAG laser 8-59045
- Barry, J.D.** see Ross, M. 8-66859
- Barry, J.F.**, Gobbett, R.H., Harris, R.R., Perkin, J.L. Measurements of high energy deposition from pulsed electron beams 8-54500
- Barry, J.H.** see Wai Man Ng 8-68281
- Barry, J.M.**, Pollard, J.P. Method of implicit non-stationary iteration for solving neutron diffusion linear equations 8-70581
- Barry, P.W.** The longitudinal tensile strength of unidirectional fibrous composites 8-95778
- Barry, W.A.**, Jackson, D.R., Schultz, J.O.P. A flexible towed sonar for ocean acoustic measurements 8-69550
- Bars, B.**, Kautto, A.M.T. Comparison of some gamma detectors and environmental measurement of small ⁴¹Ar releases from a Triga reactor 8-57309
- Barsan, R.M.** Computer simulation and distributed model analysis of the free charge transport in an MOS transmission line 8-68092
- Barsan, R.M.** Transient behaviour of the gate potential in an MOS transmission line 8-76149
- Barsan, R.M.** Distributed model computer analysis of the free charge transport in an MOS transmission line 8-76150
- Barsanti, C.G.** see Zweig, G. 8-69249
- Barsch, G.R.** see Achar, B.N.N. 8-79734
- Barsch, G.R.** see Striefler, M.E. 8-59898
- Barsgeyan, S.Kh.**, Kasamanyan, Z.H. On the absorption of light in thin semiconductor films with surface states 8-72618
- Barshay, S.** Slow neutron scattering as a test for a very light pseudoscalar boson 8-62454
- Barsony, I.**, Marton, D., Giber, J. Secondary ion mass spectrometry depth profiling and simultaneous electrical investigation of MOS structures 8-84308
- Barsoum, F.R.** Bending of a thin circular plate subject to parabolic loading over a concentric elliptical limaçon 8-59299
- Barsoum, M.W.** see Ali, E.S.M.I. 8-52841
- Barsoum, R.S.** Inelastic analysis of metal structures—some applications 8-70586
- Barsuhn, J.**, Nesbet, R.K. The photoionization and photodissociation of CH in the vicinity of the ionization threshold 8-58749
- Barsukov, L.L.**, Shapiro, Yu.Ye., Viktorov, A.V., Bergel'son, L.D. Effect of the structure of the lecithins on their interaction with cholesterol 8-64922
- Barsukova, M.L.** see Fridkin, V.M. 8-95309
- Bart, M.A.**, Zazyan, Z.F., Mezentssev, I.S., Khanonkin, A.A. X-ray investigation of a deformed microrelief of sodium chloride monocrystals 8-68727
- Barta, C.** see Petzelt, J. 8-92057
- Barta, K.** see Pernicka, F. 8-82522
- Barta, S.** see Barancok, D. 8-79929
- Bartakova, B.**, Krump, J., Vosahlik, V. Effect of electric partial discharges on SF₆ 8-67450
- Bartalucci, S.**, Basini, C., Bertolucci, S., Bienlein, J.K., Fiori, M., Giromini, P., Laudan, R., Metz, E., Rippich, C., Sermoneta, A. Measurement of the photoproduction phases of the ρ , ω and ϕ mesons 8-50037
- Bardecki, A.** see Sowinska, M. 8-64407
- Bartel, G.P.** see Zablotskii, V.K. 8-85073
- Bartel, J.F.** see Anders, O.U. 8-61135
- Bartel, L.C.**, McCann, R.P., Keck, L.J. The mapping and characterization of massive hydraulic fractures using an electrical potential technique 8-69543
- Bartel, N.**, Sieber, W., Wielebinski, R. Observations of pulsars at 14.8 and 22.7 GHz 8-81645
- Bartel, T.W.**, Magrab, E.B. Studies on the spatial variation of decaying sound fields 8-79165
- Bartel, W.**, Dittmann, P., Duinker, P., Olsson, J., O'Neill, L., Pandoulas, D., Steffen, P., Fritscher, U., Heintze, J., Heinzelmann, G., Heuer, R.D., Rieseberg, H., Wagner, A. A precise determination of the τ -mass 8-89695
- Bartels, G.**, Passig, G. A new substrate holder for liquid phase epitaxy 8-92207
- Bartels, J.**, Scanio, J.J. An SU(2) symmetric Reggeon field theory with a negative mass 8-78110
- Bartels, J.** see Abarbanel, H.D.I. 8-62297
- Bartels, K.** see Stezowski, J.J. 8-80838
- Bartelt, D.**, Pohlentz, O. Computer-assisted X-ray reporting in the German language 8-73284
- Bartelt, H.O.**, Forster, K.-D. Computer generated holograms with reduced phase errors 8-74863
- Bartenev, G.M.**, Danshkin, G.K., Shabanov, A.G. The duration of the inelastic deformation of air-cooled flat glass 8-84908
- Bartenev, G.M.**, Lyalina, N.M., Alekseev, V.V. Mechanical losses and relaxation processes in the high-elastic state 8-76698
- Bartenev, G.M.**, Turchinovich, L.M. Microhardness and deformation-strength states in glass 8-88532
- Barteneva, O.A.** see Teregulov, G.I. 8-58081
- Barten'eva, O.D.** see Kondrat'ev, K.Ya. 8-81408
- Bartnew, G.M.**, Kutscherski, A.M., Radajewa, G.I. Low temperature relaxation processes in elastomers 8-92291
- Bartenew, G.M.**, Surkow, W.W., Tulnow, B.M. Kinetic theory of quasi-brittle fracture in polymers 8-84991
- Barth, C.A.** see Lane, A.L. 8-93133
- Barth, C.J.** see Barbian, E.P. 8-67432
- Barth, J.** see Leneth, W. 8-95660
- Bartha, L.** see Groh, R. 8-64644
- Barthel, G.** see Kutschera, J. 8-88761
- Barthel, J.** see Petzold, A. 8-53200
- Barthelemy, R.**, Vives, M., Couzy, H., Morucci, J.P., Puel, P., Enjalbert, A. Device for the automatic control of surgical aspiration in cardiac surgery 8-61282
- Barthold, W.P.**, Beitel, J.C. The effect of swelling and creep on liquid-metal fast breeder reactor performance 8-78482
- Bartholomai, G.**, Klee, W.E. The vibrational spectra of pyromorphite, vanadinite and mimetite 8-88305
- Bartholomew, R.F.** Improvement in water resistance of alkali silicate glasses by ion exchange 8-85012
- Bartke, J.**, Deutschmann, M., Kirk, H.G., Sixel, P., Kriegl, U., Walter, M., Bockmann, K., Lowsky, J., Counihan, M.J., Hodous, M.F., Morrison, D.R.O., Saarikko, H., Rudnicka, H., Barnham, K.W.J., Eason, R.M., Kuhn, D., Mandl, F., Bialkowska, H., Doroba, K. Inclusive $\Delta^{++}(1232)$ production in π^+p , π^-p and K^-p interactions at 16 GeV/c 8-66169
- Bartke, J.**, Kwiatkowska, A. Comparison of the Bialkowski, Chiu and Tow model for hadron-nucleus interactions to π -carbon data at 40 GeV/c 8-58305
- Bartkowiak, J.**, Gaczynski, M. Studies of interaction between histone F2b and DNA from normal and exposed to X-radiation calf lymph nodes 8-85346
- Bartkowski, K.**, Wlosewicz, D., Rafalowicz, J. Electrical resistivity anisotropy of tin monocrystals of different concentration of chemical impurities in the temperature range 5 to 70K 8-79975
- Bartl, A.**, Wittmann, K., Paver, N., Verzeq-nassi, C. Information on ΔN axial form factors from low-energy electroproduction of $\pi\Delta$ 8-70380
- Bartl, B.**, Sommer, M., Tschirnich, J. Opto-electronic arrangement to measure deviations from a straight line 8-77850
- Bartl, G.** see Gruber, H. 8-85402

- Bartl, J.**, Minarovjech, M. A contactless thermometer 8-54366
- Bartl, W.** *see* Fidecaro, G. 8-66157
- Bartleson, C.J.** A review of chromatic adaptation 8-53403
- Bartlett, A.A.** Forgotten fundamentals of the energy crisis 8-86049
- Bartlett, A.A.** *see* Harrison, J.L. 8-81773
- Bartlett, J.F.** *see* Barish, B.C. 8-62386, 8-89699
- Bartlett, J.F.** *see* Merritt, F.S. 8-66104
- Bartlett, J.H.** Instability of an area-preserving polynomial mapping 8-77463
- Bartlett, R.A.**, Plumbridge, W.J., Chung, T.E., Ellison, E.G. The mechanism of a fatigue/creep interaction in a low alloy steel 8-64673
- Bartlett, R.J.** *see* Purvis, G.D. 8-55216
- Bartley, J.H.** *see* Erriquez, O. 8-78170
- Barto, J.L.** *see* Biblarz, O. 8-81294
- Bartoe, J.-D.F.**, Bruckner, G.E., Sandlin, G.D., VanHooser, M.E., Jordan, C. CO fluorescence in the extreme-ultraviolet solar spectrum 8-93184
- Bartolac, T.** *see* Bozler, H.M. 8-79843
- Bartoli, F.** *see* Krueer, M. 8-90443
- Bartolini, R.A.** Optical recording media review 8-71172
- Bartolino, R.**, Doucet, J., Durand, G. Molecular tilt in the smectic C phase: A zigzag model 8-94986
- Bartolino, R.**, Durand, G. Plastic behavior of a smectic A liquid crystal 8-91229
- Bartolino, R.**, Durand, G. Edge dislocations in a smectic C phase 8-91231
- Bartolotti, L.J.**, Tyrell, J. An alternative functional to determine dynamic multipole polarizabilities 8-74595
- Bartolotti, L.J.**, Tyrell, J. A functional to determine imaginary frequency multipole polarizabilities which lead to long-range dispersion constants 8-74596
- Bartolucci Luychx, S.** Precision matching of mating fracture surfaces of WC-Co alloys 8-60807
- Barton, C.F.** Computerized axial tomography for neutron radiography of nuclear fuel 8-82529
- Barton, D.S.** *see* Cutts, D. 8-78380, 8-89746
- Barton, G.** Resonance interaction between a neutral molecule and a metal surface 8-84279
- Barton, J.J.** A case study comparison of microwave radiometer measurements over bare and vegetated surfaces 8-88851
- Barton, J.**, Wieser, E., Muller, M. Investigation of the α - γ phase transformation by annealing of a cold-worked Fe-Mn base alloy 8-75831
- Barton, J.J.** *see* Goddard, W.A., III 8-91534
- Barton, J.K.** *see* Boon-Keng Teo 8-85291
- Barton, J.M.**, Lee, W.A., Wright, W.W. Some applications of thermal methods of analysis to polymers 8-68845
- Barton, J.P.** *see* Oien, C.T. 8-82528
- Barton, N.P.** The use of azimuth scan MTF techniques for the evaluation of optical components and systems 8-50900
- Barton, R.J.**, Kos, J.F. The Kondo temperature of gold 8-91688
- Barton, S.S.**, Harrison, B.H., Dollimore, J. Surface studies on graphite. Desorption of surface oxides formed on the clean surface at 300K 8-60025
- Barton, W.** *see* Altmann, S.L. 8-56063
- Bartos, I.**, Hietschold, M., Paasch, G. On integral characteristics of the electron structure of crystalline surfaces 8-64078
- Bartos, J.**, Antolovich, S.D. Effect of grain size and γ' size on fatigue crack propagation in Rene 95 8-64686
- Bartosek, J.**, Masek, J., Adams, F. Testing live-time clock of multichannel analysers 8-86749
- Bartoszek, F.E.**, Manos, D.M., Polanyi, J.C. Effect of changing reagent energy. X. Vibrational threshold energies for alternative reaction paths $\text{HF}(\nu) + \text{D} \rightarrow \text{F} + \text{HD}$ and $\rightarrow \text{H} + \text{DF}$ 8-85145
- Bartov, A.V.** *see* Afonin, I.P. 8-54911
- Bartram, S.F.** *see* Walter, J.L. 8-79539
- Barts, B.I.**, Bolotin, Yu.L., Kazarinov, M.I. Collective excitations in nuclear matter with interaction of Skirm's type 8-54716
- Bartsch, H.**, Gunther, W., Huber, K., Kneissl, U., Krieger, H., Maier, H.J. Search for a γ -decay of the ^{236}U shape isomer 8-93961
- Bartsch, R.R.**, Cantrell, E.L., Gribble, R.F., Klare, K.A., Kutac, K.J., Miller, G., Quinn, W.E. Feedback stabilization of an $1=0,1,2$ high-beta stellarator 8-75404
- Bartunik, H.D.** Unique phase determination on the basis of Bijvoet ratios by means of resonant neutron scattering 8-91201
- Bartuska, P.**, Simerska, M. The room-temperature decomposition of metastable phases precipitated in the Al-Zn alloys at 200°C 8-84814
- Bartussek, W.**, Guttner, J. The measurement of body resistance on live persons 8-53541
- Bartzokas, D.**, Manolikas, C., Spyridelis, J. Electron microscopic study of the destabilization of stabilized γ -phase of indium sesquisulphide 8-71853
- Baru, S.E.**, Proviz, G.I., Savinov, G.A., Sidarov, V.A., Feldman, I.G., Khabakhpashev, A.G. One-coordinate detector for rapid multisnap recording on X-ray pictures 8-62282
- Baru, S.E.**, Proviz, G.I., Savinov, G.A., Sidarov, V.A., Khabakhpashev, A.G., Shuvalov, B.N., Yakovlev, V.A. Two-coordinate X-ray detector 8-62284
- Barua, A.K.** *see* Bhattacharyya, S.S. 8-70915
- Barua, A.K.** *see* De, U. 8-59533
- Barua, A.K.** *see* Ray, S. 8-70909
- Barua, A.K.** *see* Saha, S. 8-90244
- Barua, B.P.**, Sinha, S.K. Pseudopotential of gold fitted to elastic data 8-75705
- Barua, D.**, Gupta, S.N. Electromagnetic interaction of higher-spin fields 8-70315
- Baruchel, J.**, Schlenker, M., Zarka, A., Petroff, J.F. Neutron diffraction topographic investigation of growth defects in natural lead carbonate single crystals 8-91282
- Baruchel, J.** *see* Schlenker, M. 8-64213
- Barut, A.O.** The creation of a photon: a heuristic calculation of Planck's constant h or the fine structure constant α 8-82135
- Barut, A.O.** Solutions of nonlinear equations simulating pair production and pair annihilation 8-86167
- Barut, A.O.** Meson spectroscopy based on proper oscillations of nonlinear fields—An equivalence theorem 8-89689
- Barut, A.O.** The erratic electron: nonlinear effects in the theory of the electron 8-93825
- Baruzzi, V.** *see* Bosetti, P.C. 8-70357
- Barwick, J.** Classical theory of radiative transitions 8-74597
- Bar'yakhtar, V.G.**, Gorobets, Yu.I., Il'chishin, O.V., Petrov, M.V. Dynamic changes in bubble domain lattice 8-60325
- Bar'yakhtar, V.G.**, Sobolev, V.L. Damping of magnons due to scattering by impurities in antiferromagnets 8-68206
- Bar'yakhtar, V.G.**, Yablonskii, D.A. Symmetry of a magnet and structure of spin-wave Hamiltonian 8-84373
- Bar'yakhtar, V.G.**, Zarochentsev, E.V., Safronov, V.P. Temperature dependence of third-order elasticity moduli of alkali metals 8-63798
- Barybin, A.A.** Mathematical treatment of polarization description of non-degenerate semiconductor plasmas 8-56176
- Barybin, A.A.** The effect of differential mobility anisotropy (DMA) of carriers on wave propagation in thin [GaAs] semiconductor films 8-88050
- Baryshev, N.S.** *see* Nesmelova, I.M. 8-72521
- Baryshev, V.B.** *see* Barkov, L.M. 8-62671
- Baryshev, Yu.A.** *see* Styrikovich, M.A. 8-90985
- Baryshev, Yu.V.** *see* Styrikovich, M.A. 8-90908
- Baryshevskii, V.G.**, Grubich, A.O., Dubovskaya, I.Ya. Diffraction of radiation from channelled charged particles 8-75699
- Baryshevsky, V.G.**, Kuten, S.A. The quadrupole moment of hydrogen-like atoms 8-90072
- Baryshnikov, F.F.** *see* Abramov, V.A. 8-58814
- Baryshnikov, S.V.**, Bursian, E.V., Trunov, N.N. Superhigh-frequency method of studying dielectric properties of ferroelectrics in the vicinity of phase transition 8-74022
- Barz, H.** *see* Matthias, B.T. 8-95438
- Barz, H.W.** *see* Hohn, J. 8-86463
- Basaev, R.M.**, Chernyakovskaya, K.A., Chernyakovskii, F.P. Unit to record kinetic curves of spectrophotometers SF-10 and SF-14 8-86352
- Basaev, R.M.** *see* Schchapov, A.N. 8-71688
- Basak, A.K.** *see* Roman, S. 8-54769
- Basak, A.K.** *see* Tungate, G. 8-78357
- Basalaev, A.A.** *see* Afrosimov, V.V. 8-58815
- Basano, L.** Information flow, causality and the classical theory of tachyons 8-82261
- Basara, H.**, Ruziewicz, Z., Zawadzka, H. Highly resolved electronic absorption and luminescence spectra of some phenanthrolines in Shpolskii matrices. I. Phosphorescence spectra 8-94276
- Basargin, Yu.G.**, Gal'chuk, A.V., Korolev, L.E., Levchenko, V.G., Pavlov, G.M., Popov, A.V., Stepanov, A.V. Magnetic analyzer for a compact cyclotron 8-66439
- Basatskaya, L.V.**, Vopilkin, A.Kh., Ermolov, I.N., Ivanov, V.I., Shishov, A.P. Propagation of longitudinal ultrasonic waves near the surface of a solid 8-95217
- Basavanahally, N.** *see* Marangoni, R.D. 8-83284
- Basavaraju, S.P.**, Devaraj, N. Rotational modes in the molecule 2-amino-5-chloropyridine from chlorine NQR studies 8-74677
- Basavaraju, S.P.** *see* Chandramani, R. 8-70851
- Basbas, G.**, Brandt, W., Laubert, R. Universal cross sections for K-shell ionization by heavy charged particles. II. Intermediate particle velocities 8-62895
- Basch, H.**, Newton, M.D., Jafri, J., Moskowitz, J.W., Topiol, S. Effective core potentials for the cadmium and mercury atoms 8-66464
- Basch, H.**, Newton, M.D., Moskowitz, J.W. The electronic structure of Ni- and Ni₂-ethylene cluster complexes 8-82641
- Baschirow, A.B.**, Selenew, J.W., Molotkow, A.P. Theoretical prediction of polymer properties 8-92290
- Bascom, W.D.**, Oroshnik, J. Effect of bond angle on mixed-mode adhesive fracture 8-68768
- Basham, C.L.**, Brown, L.S., Ellis, S.D., Love, S.T. Electron-positron annihilation energy pattern in quantum chromodynamics: asymptotically free perturbation theory 8-66045
- Bashara, N.M.** *see* Ayoub, G.T. 8-92136
- Bashara, N.M.** *see* Zaghloul, A.-R.M. 8-79122
- Basharov, A.M.** *see* Alekseyev, A.I. 8-70774
- Bashchenko, A.P.** *see* Soshnikov, V.I. 8-67683
- Bashenov, V.K.**, Markolenko, Y.K., Timofeenko, V.V. Semiconductor-metal transition of diamond-type crystals 8-72072
- Bashenov, V.K.**, Marvakov, D.I., Petukhov, A.G. Lattice dynamics of diamond-type crystals from Keating's valence-force field 8-79687
- Bashenov, V.K.**, Marvakov, D.I., Petukhov, A.G. Average structure factors and stability of binary crystals 8-91297
- Bashenov, V.K.**, Mutal, A.M., Timofeenko, V.V. Interaction parameters in III-V semiconductor solid solutions 8-51688
- Bashenov, V.K.**, Mutal, A.M., Timofeenko, V.V. Valence-band density of states for Mg₂Si from pseudopotential calculation 8-72067
- Bashilov, Yu.A.**, Pokrovskii, S.V. Nonlinear evolution of Rayleigh-Taylor instability in a thin cylindrical shell 8-79243
- Bashir, M.** *see* Fichtner, N. 8-58384
- Bashirov, A.B.**, Selenew, Yu.V. Investigation of the properties of polymers in different physical states 8-64599
- Bashkin, E.P.** Sound vibrations of superfluid solutions in narrow channels 8-79851
- Bashkin, E.P.**, Meierovich, A.E. Suppression of transverse zero sound in He³ by magnetic field 8-59995
- Bashkin, E.P.**, Meierovich, A.E. The He³-He⁴ solution and other low density Fermi liquids in a magnetic field 8-59999
- Bashkin, I.O.**, Ponyatovskii, E.G., Kost, M.E. Phase transformations in hydrides of rare-earth metals under pressure. II. The Sc-H and Yb-H systems under high hydrogen pressure 8-63853
- Bashkin, S.** Introduction to and review of beam-foil spectroscopy 8-70925
- Bashkin, S.**, Leavitt, J.A., Pisano, D.J., Jones, K.W., Griffin, P.M., Pegg, D.J., Sellin, I.A., Kruse, T.H. A survey of problems in beam-foil spectroscopy of iron and copper at energies from 16 to 110 MeV 8-78655
- Bashkin, S.** *see* Dietrich, D.D. 8-82685
- Bashkirov, Sh.Sh.**, Khramov, A.S., Kuramshin, I.Ya. Partial quadrupole splitting of some phosphor-organic ligands 8-76362
- Bashkirov, Sh.Sh.**, Lebedev, V.N. Effect on the Mossbauer spectra of thermal vibrations relative to the nucleus of a covalently populated 4S shell in an Fe³⁺ ion 8-72444
- Bashkirov, Sh.Sh.**, Liberman, A.B., Parfenov, V.V., Sinyavskii, V.I. Influence of optical emission on parameters of Mossbauer spectra of semiconductors 8-60367
- Bashkirov, Yu.P.**, Zinchenko, E.P. The MIP-10 in thickness monitoring for thin zinc and chromium plating 8-53144
- Bashkov, V.I.** *see* Romanov, V.S. 8-88266
- Bashmakov, Yu.A.**, Belovintsev, K.A., Karpov, V.A., Pisarev, V.E., Shorin, K.N. Deflecting septum magnet 8-78525
- Bashnin, Yu.A.** *see* Elkina, V.D. 8-92233
- Bashstovoi, V.G.**, Krakov, M.S. Surface instability in the nonisothermal layers of magnetized fluids 8-94834
- Basiev, T.T.**, Voronko, Yu.K., Karasik, A.Ya., Osiko, V.V., Shcherbakov, I.A. Spectral migration of electronic excitation along Nd³⁺ ions in CaF₂-YF₃ crystals on selective laser excitation 8-80417
- Basiladze, S.G.**, Guzik, Z., Parfenov, A.N. Information readout circuit for magnetostriiction spark cameras 8-78576
- Basiladze, S.G.**, Smirnov, V.A., Yudin, V.K. Block for coding and reading data from hodoscopic registration systems in CAMAC standard 8-78602
- Basiladze, S.G.**, Tlachala, V. Calculation of missed counts and registration efficiency of electronic systems for drift chambers 8-78594
- Basile, M.**, Romeo, G.C., Cifarelli, L., Contin, A., D'Alì, G., Giusti, P., Massam, T., Palmolari, F., Sartorelli, G., Valenti, G., Zichichi, A. Search for quarks in proton-proton interactions at $\sqrt{s}=53.5$ GeV 8-70416

- Basile, M.**, Romeo, G.C., Cifarelli, L., Contin, A., D'Alì, G., Giusti, P., Massam, T., Palmonari, F., Sartorelli, G., Valenti, G., Zichichi, A. A search for quarks in the CERN SPS neutrino beam 8-74240
- Basilev, G.P.** see Budurov, S.I. 8-76652
- Basili, C.** see Etim, E. 8-86233
- Basili, P.**, Solimini, D. Inference of static and dynamic vertical structure of the lower troposphere from ground-based infrared radiometry 8-57273
- Basille, J.L.**, Castan, S. A fast karyotyping approach [chromosome size classification] 8-61153
- Basin, A.S.**, Kolotov, Ya.L., Vashukov, I.A. Variations in density of grey ions during slow crystallisation 8-95737
- Basin, V.E.** see Grigorovskaya, V.A. 8-55816
- Basina, Yu.V.**, Batskan, B., Briker, S.I., Vishki, T., Grigorov, N.L., Grigor'eva, L.B., Dubinskii, Yu., Kondrat'eva, M.A., Mishchenko, L.G., Neach, D., Nymnik, R.A., Papina, L.P., Podgurskaya, A.V., Popere-kova, L.M., Rapoport, I.D., Savenko, I.A., Sokolov, V.K., Sobinyakov, V.A., Sugar, S., Tretyakova, Ch.A., Khaiduk, M., Chadraa, B., Chikova, L.O., Shesteporov, V.Ya., Shomodi, A., Shopenberg, Zh.M., Yust, L. Study of characteristics of interaction of nuclei from high-energy primary cosmic rays with photoemulsion atomic nuclei by means of the satellite Intercoms-6 8-93063
- Basine, J.M.** see Anderson, G.M. 8-73607
- Basinger, S.F.** see Hollyfield, J.G. 8-85309
- Basini, C.** see Bartalucci, S. 8-50037
- Basinska Pampuch, S.**, Gibas, T. Observations on some plasma-sprayed metal carbides 8-68835
- Basinski, A.**, Czerwinski, W. Influence of high frequency ultrasounds on the structure of poly(ethylene terephthalate) fibers. I 8-51446
- Basinski, A.** see Czerwinski, W. 8-68702
- Baskakov, A.I.** The possibility of signal use with linear frequency modulation to estimate the roughness of the sea surface 8-77353
- Baskaran, G.** Friedel-type oscillations in one-dimensional antiferromagnetic insulators 8-60296
- Baskarev, B.N.**, Motulevich, V.P., Sergievskii, E.D. Heat exchange at the critical point of a cylinder with intense injection 8-79370
- Baskarev, B.N.**, Motulevich, V.P., Terent'ev, Yu.N. Heat transfer in a transient boundary layer on a porous plate 8-83389
- Baskerville, M.W.** Corrosion and corrosive wear of bonded carbides in sea water 8-92408
- Baskes, M.I.** Computer simulation of helium-assisted bubble nucleation 8-86625
- Baskes, M.I.**, Wilson, W.D. A statistical model of low temperature blister formation in helium-implanted metals 8-67754
- Baskes, M.I.** see Wilson, K.L. 8-71750, 8-95069
- Baskin, E.M.**, Magarill, L.I., Entin, M.V. Two-dimensional electron-impurity system in a strong magnetic field 8-88016
- Baskin, L.M.** see Aksenov, M.S. 8-75459
- Basko, M.M.** The magnetopause of an accreting neutron star 8-65647
- Basko, M.M.** K-fluorescence lines in spectra of X-ray binaries 8-93456
- Bas'kova, N.A.** see Karapet'yants, M.Kh. 8-53239
- Basmer, P.**, Schultheiss, G.F. Simulation tests on blockages in local cooling channels in typical LMFBR fuel assemblies 8-94044
- Basola, C.P.**, Esposto, F. Photosensitive material with high diffraction efficiency for holographic registration 8-50730
- Basombrio, F.G.**, Sarmiento, G.S. PLASTE: a code for the numerical simulation of thermoelastoplastic behaviour of materials using the finite element method 8-90731
- Basombrio, F.G.** see Laura, P.A.A. 8-51082
- Basov, A.A.**, Vorob'yev, A.A., Katayev, I.G. Scanning of a light beam 8-79060
- Basov, A.E.** see Zarichnyak, Yu.P. 8-75842
- Basov, N.G.** Status, perspectives and problems of laser thermonuclear synthesis in future energy production 8-89978
- Basov, N.G.**, Baiko, V.A., Danilychev, V.A., Zvorykin, V.D., Lobanov, A.N., Suchkov, A.F., Kholin, I.V., Chugunov, A.Yu. Dynamics of stimulated emission from an electron-beam-controlled CO₂ laser with a plasma mirror 8-50799
- Basov, N.G.**, Boiko, V.A., Danilychev, V.A., Zvorykin, V.D., Kholin, I.V., Chugunov, A.Yu. Reflection of radiation from a plasma mirror of an electron-beam-controlled CO₂ laser 8-59064
- Basov, N.G.**, Danilychev, V.A., Ionin, A.A., Kazakevich, V.S., Klementov, A.D., Kovsh, I.B., Poletaev, N.L., Sobolev, V.A., Kholodenkov, L.E. Electron-beam-controlled laser using a CO₂-N₂-H₂ mixture 8-58978
- Basov, N.G.**, Efimkov, V.F., Zubarev, I.G., Kotov, A.V., Mikhailov, S.I., Smirnov, M.G. Wave front reversal accompanying VRMB of depolarised pumping 8-90458
- Basov, N.G.**, Volosevich, P.P., Gamalii, E.G., Gus'kov, S.Yu., Zakharenkov, Yu.A., Krok-hin, O.N., Rozanov, V.B., Sklizkov, G.V., Shikanov, A.S. Dynamics of compression of shell targets irradiated by laser 8-79451
- Basov, N.G.**, Zuev, V.S., Mkhchev, L.D., Stavrovskii, D.B., Yalovoi, V.I. Stimulated emission due to the B(0,5)-X^{2Σ} transition in the XeF molecule formed by photodissociation of XeF₂ 8-71097
- Basov, V.G.** see Pershin, V.T. 8-55541
- Basov, Yu.G.**, Morozova, S.G., Tokareva, A.N. The effect of the development of a discharge in flash lamps on the laser pumping efficiency 8-71114
- Basova, E.S.**, Chernov, G.M., Gulamov, K.G., Gulyamov, U.G., Rakhimbaev, B.G. A study of inelastic interactions of deuterons and alphas in an emulsion at ~3.6 GeV/nucleon 8-82358
- Basova, E.S.** see Shabratoeva, G.S. 8-82359
- Basova, T.A.** see Bykovskii, Yu.A. 8-61097
- Basrak, Z.**, Cindro, N., Turk, M. The (t,α) reaction on ¹²¹Sb and ¹²³Sb 8-62546
- Basri, G.S.** see Linsky, J.L. 8-96475
- Bass, A.H.** Analysis of mechanical pressure generators 8-86287
- Bass, A.M.** Ultraviolet photometer for ozone calibration 8-77960
- Bass, A.M.**, Ledford, A.E., Jr., Whittaker, J.K. Ultraviolet photometer for ozone calibration 8-69505
- Bass, F.G.**, Fel'dman, E.P., Shashora, V.I. Electric field distribution and emission currents of island condensates of metal on an insulator 8-88047
- Bass, F.G.**, Oleinik, I.N. Paramagnetic waves in semiconductors 8-88168
- Bass, J.** see Lee, C.W. 8-68016
- Bass, L.**, Bracken, A.J. The problem of the thrown string 8-89331
- Bass, M.** Mechanisms of laser damage to optical components 8-83016
- Bass, R.** see Eyal, Y. 8-82373
- Bass, S.J.** Growth of semi-insulating epitaxial gallium arsenide by chromium doping in the metal-alkyl-hydride system 8-72737
- Bassali, W.A.**, Mahmood, S.S., Refai, M.Y. Singularity loaded thin circular quadrant with clamped radial edges and free circular edge 8-63300
- Bassalleck, B.**, Klotz, W.D., Takeuchi, F., Ullrich, H., Furic, M. Study of the ⁴⁰Ca(π⁺, 2n)³⁸K reaction at rest 8-66322
- Bassani, J.L.** Yield characterization of metals with transversely isotropic plastic properties 8-60707
- Bassett, D.C.** see Balta-Calleja, F.J. 8-76728
- Bassett, E.E.** On the circularity of orbit of certain spectroscopic binaries 8-93321
- Bassett, W.A.** see Lettieri, T.R. 8-72475, 8-80308
- Bassett, W.A.** see Lin-gun Liu 8-75825
- Bassett, W.A.** see Wilburn, D.R. 8-83862, 8-85539
- Bassi, A.B.M.S.** On the sign anomaly in the experimental and theoretical dipole moment derivative of HCN 8-74795
- Bassi, A.B.M.S.** see Bruns, R.E. 8-74632
- Bassi, I.W.** see Allegra, G. 8-91188
- Bassily, S.F.**, Dickinson, S.M. The plane stress problem for rectangular regions treated using functions related to beam flexure 8-59297
- Bassini, M.** see Cagnac, B. 8-86977
- Bassler, H.** see Eiermann, R. 8-72113
- Bassler, H.** see Lochner, K. 8-80024
- Bassler, H.** see Reimer, B. 8-52027
- Bassler, H.** see Schlotter, P. 8-76143
- Bassler, H.** see Seefeld, K.P. 8-60505
- Basson, J.H.**, Ball, C.A.B. On the density of misfit dislocations in double- and triple-layer heterojunction devices 8-51850
- Bastaz, R.**, Colmenares, C. Auger study of surface carbon and oxygen on thorium following ion bombardment 8-71775
- Bastaz, R.**, Thomas, G.J. Surface analysis of sputtered stainless steel 8-95632
- Bastiaans, M.J.** The Wigner distribution function applied to optical signals and systems 8-50713
- Bastiaans, O.L.** see Verbeek, P.W. 8-81025
- Bastide, J.P.**, Loriers, C., Massat, H., Coqblin, B. Specific heat and temperature coefficient of electrical resistance of cerium measured under pressure up to 20 kbar at 300 K 8-83973
- Bastien, F.** see Marode, E. 8-87588
- Bastien, G.** see Nestor, O.H. 8-59067
- Bastin, G.F.**, Van Loo, F.J.J., Vrolijk, J.W.G.A., Wolff, L.R. Crystallography of aligned Fe-Al eutectoid 8-67684
- Bastow, B.D.**, Wood, G.C. Sulphidation of copper-nickel alloys. I. Scale morphologies 8-88559
- Bastow, B.D.**, Wood, G.C. Sulphidation of copper-nickel alloys. II. Scale growth kinetics 8-88560
- Bastow, S.J.** see Wagstaff, C.E. 8-66850
- Basu, A.** Mixed boundary value problems in magneto-elasto dynamics 8-67034
- Basu, A.N.**, Sengupta, S. A new polarisation mechanism and the lattice mechanics of the NaCl crystal: Microscopic approach 8-59888
- Basu, A.N.** see Bose, D. 8-91298
- Basu, A.N.** see Ghosh, A. 8-59878, 8-83889
- Basu, A.R.** see Saito, K. 8-96167
- Basu, A.R.** see Thompson, D.P. 8-85521
- Basu, B.** see Ara, G. 8-71463
- Basu, B.C.**, Hancock, G.J. The unsteady motion of a two-dimensional aerofoil in incompressible inviscid flow 8-67171
- Basu, B.K.** Contiguous relation between the C-G coefficients of SU(n) 8-74171
- Basu, B.K.** see Singh, G.P. 8-84536
- Basu, D.** Selection effects in redshift distribution of QSOs 8-57674
- Basu, D.** The Lorentz group in the oscillator realisation. I. The group SO(2,1) and the transformation matrices connecting the SO(2) and SO(11) bases 8-77755
- Basu, D.**, Mukherjee, S.C., Sural, D.P. Electron capture processes in ion-atom collisions 8-70930
- Basu, D.** see Bhattacharyya, D.P. 8-61694
- Basu, D.** see Sarkar, K. 8-53780
- Basu, J.**, Das, S.K. Propagation along a dielectric-rod waveguide embedded in a magneto-plasma 8-51314
- Basu, M.K.** Coulomb repulsive energy in α-decay: is it a barrier or the cause? 8-66253
- Basu, P.K.** Monte Carlo calculation of the drive velocity of electrons and holes in high electric fields in silicon MOSFETS 8-60224
- Basu, P.K.** Monte Carlo calculation of hot electron drift velocity in silicon (100)-inversion layer by including three subbands 8-91752
- Basu, P.K.** see Heade, M.S. 8-82865
- Basu, P.K.** see Roychoudhury, D. 8-52009
- Basu, R.** A computer study of the miscibility limits of Sb-Te-Bi 8-52781
- Basu, R.** A computer study of the miscibility limits of Sb-Te-Bi 8-79773
- Basu, R.**, Ghosh, M. Charge transfer and NQR shift 8-55186
- Basu, S.** see Aarons, J. 8-77404
- Basu, S.** see Bhattacharyya, D.K. 8-86961
- Basu, S.** see Bhattacharyya, S.K. 8-68060, 8-95799
- Basu, T.K.** see Meschi, D.J. 8-63451
- Basu, U.** see Debnath, L. 8-59502
- Basuli Sukumar** see Sukumar Basuli
- Basun, S.A.** see Akimov, A.V. 8-88360, 8-91400
- Baszynski, J.**, Dubowik, J., Frait, Z. Magnetic properties of monocrystalline epilayer sandwich of magnesium ferrite 8-95492
- Bata, L.** On the molecular dynamical investigation of liquid crystals 8-91252
- Bata, L.**, Buka, A. Dielectric measurements on smectic-A and nematic phase 8-60392
- Bata, L.** see Janossy, I. 8-59756
- Batalin, G.I.** see Kazimirov, V.P. 8-56124
- Batallan, D.**, Bok, J., Rosenman, I., Melin, J. Electronic structure of intercalated graphite determined by magnetothermal oscillations 8-84129
- Batalov, V.S.**, Batmanov, V.S., Grigor'ev, Yu.S., Perminov, A.N. Measurement of the parameters of external heat transfer by dilatometry 8-83388
- Batalov, V.S.**, Batmanov, V.S., Perminov, A.N., Pavlikov, G.I. Several peculiarities of temperature dependence of thermophysical characteristics of metals and alloys [and the determination of dimensional changes] 8-95868
- Batalov, Yu.V.**, Miroshnikov, M.M., Morozova, N.P., Nesteruk, V.F., Porfir'eva, N.N., Rivin, M.M. Methods of representing and processing images 8-55312
- Batanova, T.N.**, Kovalov, B.M., Kulik, P.P., Riabii, V.A. The problem of the Coulomb logarithm in highly non-ideal plasma 8-71451
- Batay-Csorba, P.A.** see Kitching, J.E. 8-74383
- Batchelder, D.N.**, Bloor, D. Strain dependence of the dominant electronic excitation of a conjugated polymer crystal 8-80373
- Batchelor, R.A.**, Gardner, F.F., Knowles, S.H., Mebold, U. Observations of NH₃ in southern sources 8-69863
- Batchelor, R.A.** see Knowles, S.H. 8-77612
- Batchman, T.E.**, Mattauch, R.J. Design of implantable radiation probes 8-73258
- Batchman, T.E.**, Peeler, J.R. Gallium arsenide clad optical waveguides 8-55474
- Batdorf, S.B.** New light on Weibull theory 8-51132
- Batdorf, S.B.**, Heinisch, H.L., Jr. Weakest link theory reformulated for arbitrary fracture criterion 8-90786
- Bateman, J.E.**, Connolly, J.F. A multiwire proportional gamma camera for imaging ⁹⁹Tc^m radionuclide distributions 8-53493

- Batenin, V.M.**, Belevtzev, A.A., Chinnov, V.F., Zrodnikov, V.S. Nonequilibrium plasma diagnostics by means of bremsstrahlung continuum on atoms 8-67483
- Batenin, V.M.**, Roddatis, V.K. Combined RF-DC discharge and damping of the helical instability of arc column in axial magnetic field 8-71595
- Batenin, V.M.**, Vokhmin, P.A., Zrodnikova, N.M., Klimovskii, I.I. Suppression of ion-acoustic collisional instability of a gas-discharge magnetoplasma by a microwave field 8-71466
- Bates, B.**, McCartney, D.J., McKeith, C.D., McQuoid, A., Sproule, O.E. Interferometer-grating spectrograph for high resolution astronomical spectroscopy in the middle UV 8-77490
- Bates, C.A.** Jahn-Teller study of $\text{Cr}^{2+}:\text{Al}_2\text{O}_3$ 8-84172
- Bates, D.R.** On making radio contact with extraterrestrial civilizations 8-69707
- Bates, F.S.** see Ramos, A.R. 8-83349
- Bates, H.E.**, Henderson, B.J. Theoretical maximum efficiencies for passive optical pulse shaping systems 8-90436
- Bates, J.B.** Temperature dependence of resonance Raman scattering from O_3^- ions in NaClO_3 and model for metastable oxygen 8-92062
- Bates, J.K.**, Gruen, D.M. Absorption spectra of Zr atoms and ZrN isolated in rare gas matrices 8-78652
- Bates, R.C.**, Franklin, J.C. Uranium mine radon control research 8-82525
- Bates, R.D., Jr.** Dynamic polarization of ^1H and ^{19}F in CFCl_3 and CFCl_2H 8-66568
- Bates, R.D., Jr.** see Drozdowski, W.S. 8-82770
- Bates, R.H.T.** On phase problems. I 8-70230
- Bates, R.H.T.** On phase problems. II. [Image recovery] 8-82918
- Bates, R.H.T.**, Dunlop, G.R. Inverse scattering and tomography 8-61231
- Bates, R.H.T.**, Lewitt, R.M., McDonnell, M.J., Milner, M.O., Peters, T.M. Practical image processing 8-87022
- Bates, R.H.T.**, Milner, M.O., Lund, G.I., Seagar, A.D. Towards high resolution imaging by speckle interferometry 8-77492
- Bateson, F.M.** The southern dwarf nova, Z Chamaeleontis 8-93272
- Batgin, Yu.V.**, Grishakov, I.A., Dovbnya, A.N., Ivanov, G.M., Kolot, Z.M., Makhnenko, L.A. Production of an intense nanosecond beam in a linear accelerator 8-70654
- Bath, G.T.**, Shaviv, G. The space density, recurrence rate and classification of novae 8-53964
- Bath, M.** A seismicity map of Sweden 8-96159
- Bathala, C.T.**, Ramachandra Rao, A., Spooner, R.A. Linear system models for regional aquifer evaluation studies 8-77289
- Bathias, C.** Application of fracture mechanics to aluminum alloys selection 8-56725
- Bathias, C.** Plastic zone formation and fatigue crack growth 8-64702
- Bathias, C.**, Pineau, A., Pluvinaige, J., Rabbe, P. Study of low fatigue crack growth rates in 316 stainless steel and RR 58 Al alloy 8-64701
- Bathias, C.**, Vancon, M. Mechanisms of overload effect on fatigue crack propagation in aluminum alloys 8-56730
- Baticle, A.M.** see Lemasson, P. 8-61016
- Batie, R.** Dejean de la see Dejean de la Batic, R.
- Batishchev, Ya.F.** On the gas dynamics of tubes of the basic groups with ball seatings and their possibilities as flowmeters 8-67287
- Batist, R.** De see De Batist, R.
- Batlogg, B.** see Allen, J.W. 8-68029
- Batlogg, B.** see Ott, H.R. 8-68239
- Batmanov, V.S.** see Batalov, V.S. 8-83388, 8-95868
- Baton, J.P.** see Enriquez, O. 8-78170
- Batra, A.P.**, Slikin, L.M. Self-diffusion of ^{82}Br in AgBr by both single vacancies and vacancy pairs—a reanalysis 8-55978
- Batra, I.P.** Calculation of the X-ray photoemission spectra for (SN), including the photoionization cross sections 8-72697
- Batra, R.L.**, Koshy, K. Effect of non-uniform inlet velocity profile in the entrance region of a Bingham plastic flow between parallel plates 8-75175
- Batra, R.L.**, Mohan, V. The flow of a Casson fluid between two approaching disks 8-67230
- Batrakov, G.F.**, Bremeev, V.M., Zemlyanoi, A.D., Ivanova, T.M., Pavlidi, I.M. On the strontium-90 content in the eastern Sivash waters 8-77282
- Bats, J.W.** A refinement of potassium chlorate 8-55850
- Batsev, S.** see Adam, I. 8-78261
- Batsinov, T.** Parametric vibrations of a cylindrical shell of nonlinear elastic material excited biharmonically 8-87294
- Batskan, B.** see Basina, Yu.V. 8-93063
- Batskovich, S.**, Murzin, V.S., Shekhter, V.M., Shcheglova, L.M. Multiplicity of charged particles and charge exchange in collisions at 40 GeV/c 8-55118
- Batskovich, S.** see Angelov, N.S. 8-89922
- Batson, R.M.** Planetary mapping with the airbrush 8-53833
- Batteh, J.H.**, Powell, J.D. Shock propagation in the one-dimensional lattice at a nonzero initial temperature 8-75724
- Batten, A.H.** New methods and old principles for the determination of stellar radial velocities 8-96406
- Batten, A.H.**, Fletcher, J.M. The spectroscopic and eclipsing binary AD Herculis 8-73738
- Batten, R.H.** see McIlwain, A. 8-70660
- Batterman, B.W.** see Kjaer Andersen, S. 8-60369
- Battist, L.**, Keene, W., Schadt, W., Thiess, P. A real-time alpha-beta-gamma environmental radiation monitoring system 8-94152
- Battistoni, G.**, Jarocci, E., Nicoletti, G., Trastanti, L. Detection of induced pulses in proportional wire devices with resistive cathodes 8-70691
- Battistoni, G.** see Baldini-Celio, R. 8-89724
- Battle, W.E.** see Turner, D.A. 8-73205
- Batty, C.J.**, Biagi, S.F., Blecher, M., Hoath, S.D., Riddle, R.A.J., Roberts, B.L., Davies, J.D., Pyle, G.J., Squier, G.T.A., Asbury, D.M., Clough, A.S. Doppler-shifted nuclear gamma rays following stopped K-capture in aluminium 8-62578
- Batty, C.J.**, Friedman, E. Proton distributions for ^{208}Pb and the single particle model 8-50074
- Batty, C.J.**, Green, K. Some additional and alternative uses of the spallation neutron source 8-66442
- Batty, M.J.**, Jauncey, D.L., Gulkis, S., Yerbury, M.J. The Tidbinbilla interferometer 8-69692
- Batulevicius, A.** see Grigonis, A. 8-64441
- Baturin, G.I.** see Rybalko, F.P. 8-60706
- Baturkin, V.M.** see Semena, M.G. 8-79187
- Batusov, Yu.A.**, Bunyatov, S.A., Vizeva, L.D., Galstyan, D.A., Gulkanyan, G.R., Kostanashvili, N.I., Kyuer, P., Massue, Zh.P., Mirsalikhova, F.Kh., Sidorov, V.M., Chernev, Kh.M., Eramzhyan, R.A. Study of reaction $\mu^-^6\text{Li} \rightarrow ^3\text{H}^3\text{He}$ in photoemulsion loaded with ^6Li 8-89855
- Batusov, Yu.A.**, Bunyatov, S.A., Vizeva, L.D., Gulkanyan, G.R., Mirsalikhova, F.Kh., Sidorov, V.M., Chernev, Kh.M., Eramzhyan, R.A. Investigation of many-particle reactions with production of ^8Li at capture of stopped μ^- mesons by ^{12}C nuclei 8-54745
- Batusov, Yu.A.** see Belovitskii, G.E. 8-62587
- Batygina, V.V.**, Gornyi, M.B., Ivanov, A.N., Matisov, B.G. Commutator-method for computing shifts of the hyperfine-structure of atomic hydrogen atom in a helium medium 8-78608
- Batygina, V.V.**, Guzhva, Yu.G., Matisov, B.G., Toptygin, I.N. Quantum corrections to the spectral line shifts of hyperfine transitions 8-82655
- Batyrbekov, G.A.** see Arinkin, F.M. 8-86645
- Batyrmurzaev, A.S.** see Gargatsev, I.O. 8-54394
- Batyrsin, G.Sh.** see Ziman, V.M. 8-59164
- Batyunya, B.V.** see Ermilova, D.I. 8-62468
- Batyunya, P.V.** see Dzhambusina, M. 8-89762
- Batz, B.** de see de Batz, B.
- Batz, W.** see Ebel, A. 8-61515
- Batzer, T.H.** The technology of mirror machines—LLL facilities for magnetic mirror fusion experiments 8-50343
- Batzer, T.H.** see Denhoy, B.S. 8-54382
- Batzer, T.H.** see Thomas, S.R., Jr. 8-50404
- Batzies, P.**, Buq, J. The most important nuclear reactor types in the Western World 8-74463
- Baubillier, M.**, Bloodworth, I.J., Bossen, G.J., Burns, A., Carney, J.N., Corden, M.J., Cowan, C.A., Cox, G.F., De Lima, C.J., Dixon, D., Gavillet, P., Kinson, J.B., Knudson, K., Levy, F., McCann, H., MacDermott, M., Negus, P.J., Oh, B.H., Pratap, M., Quercigh, E., Rivoal, M., Scarr, J.M., Shiers, J.C., Smith, G.A., Teodoro, D., Villalobos Baillie, O., Votruba, M.F., Whitmore, J., Zitoun, R. A study of the lifetime and spin of Ω^- produced in K $^+$ p interactions at 8.25 GeV/c 8-93877
- Bauche-Arnoult, C.**, Sinzelle, J., Bachelier, A. Extensive theoretical analysis of the f^d and f^d configurations. Application to $4f^85d6s^2$ in Tbl 8-62732
- Baud, G.**, Besse, J.P., Chevalier, R. Preparation and characterization of a double oxide of rhodium and rhodium 8-76615
- Baud, G.** see Besse, J.P. 8-51511
- Baud, J.**, Ferrier, A., Manenc, J. Study of magnetite film formation at metal-scale interface during cooling of steel products 8-88575
- Baudelet, B.** see Ragab, A.R. 8-95761
- Bauder, A.** see Ha, T.-K. 8-90077
- Bauder, U.H.** see Devoto, R.S. 8-59709
- Baudet, J.** see Delmas, R. 8-81371
- Baudet, J.** see Dubus, J.P. 8-96306
- Baudin, G.** see Pellas, J. 8-67103
- Baudinet-Robinet, Y.** see Dumont, P.D. 8-66488, 8-70919
- Baudinet-Robinet, Y.** see Garnir, H.P. 8-62756
- Baudier, H.** see Schonfeldt, H.J. 8-53745
- Baudouin, A.P.**, McDonnell, F.N. Analysis of transient measurements in the ZED-2 reactor 8-58386
- Baudouin, A.P.** see McDonnell, F.N. 8-54825
- Baudry, A.** see Vulliet, P. 8-52380
- Bauer, A.A.**, Moak, D.P., Alexander, C.A. Properties of non-oxide thorium-uranium compounds 8-86612
- Bauer, C.**, Mann, R., Rudolph, W. K-shell ionization of Si, Ti, Cu and Ag for incident protons, ^4He and ^{14}N ions in the energy range of 0.17-2.0 MeV/amu 8-70923
- Bauer, C.L.**, Jordan, A.G. Study of interfacial reactions in bimetallic thin-film couples by contact resistance measurements 8-63882
- Bauer, C.L.** see Cosandey, F. 8-79620, 8-84097
- Bauer, E.** see Green, A.K. 8-68606, 8-91569
- Bauer, E.** see Prigge, S. 8-75940
- Bauer, G.**, Burkhard, H., Jantsch, W., Unterleitner, F., Lopez-Otero, A., Schleussner, G. Influence of free carriers and lattice defects on the TO-phonon softening in PbTe 8-79720
- Bauer, G.P.**, Bez, W., Westerdorf, M. Investigation of hydrogen diffusion into a laminar argon plasma jet 8-71557
- Bauer, G.S.** see Boning, K. 8-75758
- Bauer, G.S.** see Seitz, E. 8-51568
- Bauer, G.S.** see Werner, K. 8-95062
- Bauer, H.J.**, Becker, M., Pretsch, H., Zwick, M. Magnetic study of the activation energy of the phase transition kinetics between nickel and nickel hydride 8-71860
- Bauer, H.P.**, Birkholz, U. Electrical conductivity of passivated Si_3Te_2 single crystals 8-95299
- Bauer, J.** Reflection and transmission factors of thin isotropic layers with rough boundary surfaces 8-90354
- Bauer, J.** see Augustin, W. 8-78481
- Bauer, P.** see Alcayde, D. 8-57376
- Bauer, P.W.** see Taylor, H.F. 8-66898
- Bauer, R.** see Delaplanche, M.A. 8-93963
- Bauer, R.S.**, McMenamin, J.C. Ge-GaAs(110) interface formation 8-95244
- Bauer, R.S.** see Bachrach, R.Z. 8-62275, 8-72225
- Bauer, R.S.** see Hagstrom, S.B.M. 8-52634
- Bauer, R.S.** see McMenamin, J.C. 8-91745
- Bauer, S.H.**, Wilcox, C.F., Jr., Russo, S. Stochastic simulation of homogeneous condensation 8-51657
- Bauer, S.H.** see Shaub, W.M. 8-85161
- Bauer, S.J.** see Hartle, R.E. 8-89093
- Bauer, T.H.**, Spital, R.D., Yennie, D.R., Pipkin, F.M. The hadronic properties of the photon in high-energy interactions 8-74266
- Bauer, T.H.** see Hoffmann, G.W. 8-62674
- Bauer, T.S.** see Fong, J. 8-94008
- Bauer, T.S.** see Hoffman, G.W. 8-54760
- Bauer, T.S.** see Hoffmann, G.W. 8-70526
- Bauer, W.** Surface processes in plasma wall interactions 8-94121
- Bauer, W.**, Rusin, L.Y., Toennies, J.P. Molecular beam scattering experiments on the abstraction and exchange reactions of deuterium atoms with the hydrogen halides HCl, HBr, and HI 8-73025
- Bauer, W.**, Shobatake, K., Toennies, J.P., Walaschewski, K. Determination of the long range nonreactive anisotropic potential of $\text{H}+\text{Cl}$ and $\text{H}+\text{Br}_2$ from nonreactive scattering experiments 8-66626
- Bauer, W.**, Wilson, K.L., Bisson, C.L., Haggmark, L.G., Goldston, R.J. The role of blistering in surface erosion of Tokamak devices 8-86690
- Bauer, W.** see Anderson, J.R. 8-91603
- Bauer, W.** see Wilson, K.L. 8-86691
- Bauerfeld, W.L.**, Schroeder, R. Interactive spectrum analysis on a mini-computer 8-94177
- Bauerle, D.**, Borstel, G., Sievers, A.J. Magnetic field dependence of far-infrared spectra of NdF $_3$ 8-52483
- Bauerle, D.** see Loose, P. 8-76486
- Bauerle, D.** see Migoni, R. 8-79717
- Baughman, R.G.** Hydrogen-like atomic orbitals—an undergraduate exercise 8-93496
- Baughman, R.H.** Solid-state reaction kinetics in single-phase polymerizations 8-61006
- Baughman, R.H.**, Hsu, S.L., Pez, G.P., Signorelli, A.J. The structures of cis-polyacetylene and highly conducting derivatives 8-75556
- Baughman, R.H.** see Hsu, S.L. 8-80454
- Bauhofer, W.**, Simon, A. Metallic glasses of oxidized rubidium and cesium 8-67652
- Bauhofer, W.** see Perry, C.H. 8-75760
- Baulieu, L.**, Ellis, J., Gaillard, M.K., Zakrzewski, W.J. Non-perturbative QCD effects at large momentum transfers 8-82226

- Baulieu, L.**, Kounnas, C. Equivalence of the 'Wilson expansion' and a generalised parton model 8-93855
- Baum, B.A.** *see* Gushchin, V.S. 8-84601
- Baum, B.A.** *see* Klimenkov, E.A. 8-94966
- Baum, B.A.** *see* Petrushevskii, M.S. 8-95729
- Baum, G.** *see* Alguard, M.J. 8-70376
- Baum, G.** *see* Wainwright, P.F. 8-66689
- Baum, H.R.** Laminar flow induced by a point source of heat 8-79316
- Baum, I.V.**, Mamedniyazov, S.O. Comparative analysis of models of irradiance field formation in wide aperture optical systems 8-90479
- Baum, I.V.**, Mamedniyazov, S.O. Equalization of irradiation field on receiver surface 8-90480
- Baum, J.W.** *see* Hewitt, J.E. 8-53538
- Baum, L.**, Block, M., Bohm, A., Ceradini, F., DiBitonto, D., Irion, J., Kernan, A., Layter, J., Muller, F., Nakkasayan, A., Naroska, B., Navach, F., Nussbaum, M., Orkin-Lecourtois, A., Rubbia, C., Schinzel, D., Seebrunner, H., Shen, B., Stauder, A., Tirlir, R., Van Dalen, G., Voss, R., Wojaslaw, R. Upper limit for DD production in pp interactions at C.M. energy of 55 GeV 8-89758
- Baum, M.** Fusion reactors in our future? 8-89972
- Bauman, S.E.** *see* Finston, H.L. 8-85239
- Baumann, F.** *see* Mockel, D. 8-95390
- Baumann, G.** *see* Cantus, M. 8-85980
- Baumann, N.P.** Operation of a nuclear test gauge at low multiplicities 8-82526
- Baumann, P.**, Bergdolt, A.M., Bergdolt, G., Freeman, R.M., Haas, F., Heusch, B., Huck, A., Walter, G. Study of high spin states in ^{30}P and ^{32}P 8-74386
- Baumann, P.**, Bergdolt, A.M., Bergdolt, G., Huck, A., Walter, G., Fromm, H., Klapdor, H.V. High-spin states in ^{34}Cl 8-82289
- Baumann, P.R.** ISO: a FORTRAN IV program for generating isopleth maps on small computers 8-57157
- Baumann, W.** Electrooptical emission measurements 8-62230
- Baumann, W.**, Dietz, H., Geldner, E. Temperature distribution in X-ray rotating anodes. II. Mathematical computation for compound anodes 8-62285
- Baumann, W.** *see* Meyer, L.W. 8-64795
- Baumbaugh, A.E.** *see* Cason, N.M. 8-82240
- Baumeister, K.J.**, Rice, E.J. Flow visualization in long-neck Helmholtz resonators with grazing flow 8-63511
- Baumeister, P.** *see* Arnon, O. 8-93754
- Baumen, J.** Schulte in den *see* Schulte in den Baumen, J.
- Baumer, A.**, Lapraz, D. Relations between starting mixture and hydroxyapatites synthesized by hydrothermal method in the system $\text{CaO-P}_2\text{O}_5\text{-H}_2\text{O}$ -a thermoluminescence study 8-95612
- Baumert, H.P.** *see* Spurny, K.R. 8-80796
- Baumgardner, F.W.** *see* Besch, E.L. 8-92734
- Baumgartel, K.** WKB calculations on Trivelpiece-Gould mode propagation in an axially inhomogeneous plasma column 8-75317
- Baumgartel, K.** Self-modulation of a strong standing wave in a plasma due to the ponderomotive force 8-75327
- Baumgarten, A.** *see* Slater, W.E. 8-86729
- Baumgartner, A.**, Mayer, H. The snow cover at Munich from October 1887 to April 1977 8-69421
- Baumgartner, A.** *see* Morgenstern, I. 8-77803
- Baumgartner, F.** The development of the nuclear fuel reprocessing technology up to its current status 8-58393
- Baumgartner, G.B.** *see* Rynne, T.M. 8-62998
- Baumgartner, M.** *see* Hummer, K. 8-52563
- Baumgartner, R.**, Byer, R.L. High energy tunable coherent source and applications [remote air pollution detection] 8-59089
- Baumgartner, R.A.**, Byer, R.L. Remote SO_2 measurements at 4 μm with a continuously tunable source 8-77365
- Bauminger, E.R.**, Felner, I., Ofer, S. Mixed valencies of Eu in intermetallic compounds with the CaCu_2 structure 8-52407
- Bauminger, E.R.** *see* Werber, M.M. 8-76998
- Baumjohann, W.**, Greenwald, R.A., Kuppers, F. Joint magnetometer array and radar backscatter observations of auroral currents in northern Scandinavia 8-85768
- Baumshteyn, M.V.**, Pokrovskii, V.V., Prokopenko, A.V. Problem of numerical calculation of the parameters of the Paris equation 8-63384
- Baumvol, I.J.R.** *see* Da Jornada, J.A.H. 8-68416
- Baun, W.L.** Ion scattering spectral features in oxides caused by inelastic energy losses 8-58798
- Baun, W.L.** Multiple scattering features in argon and helium ion scattering spectra (ISS) from polycrystalline materials 8-72671
- Baur, G.**, Madsen, V.A., Osterfeld, F. Microscopic theory of the imaginary inelastic transition form factor 8-50175
- Baur, G.**, Rosel, F., Trautmann, D. Influence of low-lying collective states on the elastic scattering of heavy ions below the Coulomb barrier 8-78414
- Baur, G.** *see* Budzanowski, A. 8-82363
- Baur, T.G.**, Hulse, L.L. A spectrum scanning Stokes polarimeter 8-61741
- Baur, W.H.** Variation of mean Si-O bond lengths in silicon-oxygen tetrahedra 8-63699
- Bauriedl, W.** *see* Heim, G. 8-52135
- Baurin, V.D.** *see* Edelman, I.S. 8-52590
- Baurin, V.D.** *see* Evtikhiev, N.N. 8-55324
- Bausch, R.**, Halperin, B.I. Renormalization-group analysis of the critical dynamics of a Hamiltonian model with a scalar dispersive transition 8-87766
- Bauschlicher, C.W., Jr.** Barrier height for the abstraction reaction of methylene with hydrogen, $\text{CH}_2(\text{B}_1)+\text{H}_2\rightarrow\text{CH}_3+\text{H}$ 8-64812
- Bauschlicher, C.W., Jr.**, Shavitt, I. Accurate ab initio calculations on the singlet-triplet separation in methylene 8-74582
- Bauschlicher, C.W., Jr.**, Yarkony, D.R. Electronic structure of CaO 1 8-66462
- Bauser, E.** *see* Abstreiter, G. 8-76439
- Bauser, E.** *see* Fischer, B. 8-75948
- Bausman, M.D.**, Liberman, I., Manning, J.P., Singer, S. Alignment system for large high-power pulsed CO_2 laser fusion systems 8-59075
- Bauspiess, W.** *see* Rauch, H. 8-67735
- Bautista, R.G.** *see* Ying-Chu Hoh 8-53244
- Bauwens, J.-C.** A new approach to describe the tensile stress-strain curve of a glassy polymer 8-67158
- Bavassano, B.**, Dobrowolny, M., Moreno, G. Local instabilities of Alfvén waves in high speed streams 8-77546
- Baverez, M.** *see* Wyncke, B. 8-84557
- Bavertam, U.**, Bodlund-Ringstrom, B., Bohm, C., Ekdahl, T., Liljequist, D. An electrostatic spectrometer for conversion electron Mossbauer spectroscopy 8-88238
- Bavertam, U.** *see* Liljequist, D. 8-94159
- Bawa, S.R.** *see* Gupta, G.S. 8-80923, 8-80924
- Bax, B.** *see* Szydowski, F.J. 8-76940
- Baxter, A.J.** *see* Roper, P.W. 8-65446
- Baxter, A.M.**, Ikossi, P.G., McDonald, A.M., Kuehner, J.A. Spin-parity combinations in ^{16}N from the $^{18}\text{O}(\text{d},\alpha)^{16}\text{N}$ reaction 8-89886
- Baxter, A.M.** *see* Spear, R.H. 8-70559
- Baxter, D.R.J.** *see* Davies, P.O.A.L. 8-94643
- Baxter, L.A.** *see* Ih, C.S. 8-58920
- Baxter, M.S.** *see* Campbell, J.A. 8-70236
- Baxter, M.S.** *see* Dickson, J.H. 8-81234
- Baxter, W.J.**, Rouze, S.R. The effect of oxide thickness on photostimulated exoelectron emission from aluminum 8-80461
- Bay, H.L.** *see* Bohdanský, J. 8-95629
- Bay, H.L.** *see* Hecht, J. 8-56553
- Bay, H.L.** *see* Hofer, W.O. 8-95628
- Bayard, M.** *see* Hong, H.Y.P. 8-91479
- Bayarsuren, G.** *see* Tsydyypov, Ch.Ts. 8-81335
- Bayazitov, R.M.** *see* Khaibullin, I.B. 8-67732
- Baybutt, P.**, Bobrowicz, F.W., Kahn, L.R., Truhlar, D.G. Generalized valence-bond investigation of the reaction $\text{H}+\text{Br}_2\rightarrow\text{HBr}+\text{Br}$ 8-73026
- Baye, D.**, Heenen, P.-H. Microscopic R-matrix theory in a generator coordinate basis 8-54726
- Bayer, A.L.**, Zorn, J.K.F., Verbeek, P.W. An empirical relation between T-wave rise time and the heart rate 8-85434
- Bayer, R.K.** Alteration by ageing of the extension at which rupture occurs in highly-extensible PS fibres 8-76750
- Bayer, R.K.**, Schreiner, H., Ruland, W. Tensile properties of an extruded polyethylene-melt 8-67163
- Bayer-Helms, F.**, Chartier, J.-M., Helmcke, J., Wallard, A. Evaluation of the international intercomparison measurements (March 1976) with $^{127}\text{I}_2$ -stabilised He-Ne-lasers: spacings of the hyperfine structure components 8-87088
- Bayer-Helms, F.**, Helmcke, J. Modulation broadening of spectral profiles 8-87083
- Bayer-Helms, F.** *see* Helmcke, J. 8-87084
- Baylis, W.E.** *see* Huschilt, J. 8-55289
- Baylis, W.E.** *see* Migdalek, J. 8-86818
- Bayliss, A.**, Maestrello, L. Measurements and analysis of farfield scattering from a prolate spheroid 8-94459
- Bayman, B.F.**, Dudek-Ellis, A., Ellis, P.J. Spin-dependent effects in heavy-ion reactions 8-66300
- Bayman, B.F.** *see* Franey, M.A. 8-89900
- Baynham, D.E.**, Cleve, P.T.M., Thompson, D.J. A 5-Tesla wiggler magnet for the SRS 8-62672
- Baynton, H.W.**, Serafin, R.J., Frush, C.L., Gray, G.R., Hobbs, P.V., Houze, R.A., Jr., Locatelli, J.D. Real-time wind measurement in extratropical cyclones by means of Doppler radar 8-61594
- Bayraktaroglu, B.**, Hartnagel, H.L. White-light emission from GaAs m.o.s. structures 8-76148
- Bayramli, E.**, Huh, C., Mason, S.G. Sphere tensiometry: wall effects and correction factors 8-63899
- Bayramli, E.**, Mason, S.G. Liquid spreading: edge effect for zero contact angle 8-84032
- Bayuklina, M.F.**, Krasnov, V.M. Accuracy of Doppler measurement in the SW-band 8-77417
- Bayuzick, R.J.** *see* Eaton, H.C. 8-79617
- Baz', A.I.**, Merkur'ev, S.P. Kinematic properties of three-particle reactions 8-54578
- Bazaikin, V.I.** *see* Alyushin, Yu.A. 8-60708
- Bazakutsa, V.A.**, Lazarev, V.B., Zozulya, L.P., Gnidash, N.I., Kul'chitskaya, A.K., Salov, A.V. Structure and photoelectric and optical properties of NaSbSe_2 films 8-51834
- Bazant, Z.P.** Endochronic inelasticity and incremental plasticity 8-87277
- Bazant, Z.P.**, Estenssoro, L.F. General numerical method for three-dimensional singularities in cracked or notched elastic solids 8-67137
- Bazant, Z.P.**, Fistedis, S.H. Dried hot concrete vessel for nuclear reactors: proposal of a new design concept 8-50248
- Bazant, Z.P.**, Ohtsubo, H. Stability conditions for propagation of a system of cracks in a brittle solid 8-51131
- Bazant, Z.P.**, Shieh, C.-L. Endochronic model for nonlinear triaxial behavior of concrete 8-51095
- Bazant, Z.P.** *see* Marchertas, A.H. 8-74448
- Bazarnyi, E.M.** *see* Aleksandrov, A.L. 8-86256
- Bazarov, B.A.**, Bazarov, Kh., Strebkov, D.S. Photoelectric radiation densitometer 8-89521
- Bazarov, B.A.**, Dement'ev, A.G., Kalinin, B.A. Polyurethane foam solar energy concentrator resistance to climatic influences 8-92281
- Bazarov, E.N.** *see* Alekseev, E.I. 8-49892
- Bazarov, I.P.**, Nikolaev, P.N. Theory of a crystal with allowance for collective vibrations 8-54289
- Bazarov, Kh.** *see* Bazarov, B.A. 8-89521
- Bazarskiy, O.V.** Schemes for recording and reconstructing long-wavelength Fourier holograms with spectrum compression 8-87029
- Bazarskiy, O.V.**, Kolesnikov, A.I., Khlavich, Ya.L. The choice of a nonoptical hologram raster 8-74867
- Bazelyan, L.L.** *see* Abranin, E.P. 8-54027, 8-65597
- Bazer, J.**, Burridge, R. Energy partition in the reflection and refraction of plane waves 8-77727
- Bazhan, A.N.**, Fedoseeva, N.V., Petrov, S.V., Beznosikov, B.V. Investigation of the static magnetic properties of antiferromagnetic RbMnCl_3 8-60270
- Bazhan, A.N.**, Fedoseeva, N.V., Spevakova, I.P. Magnetic phase transition from the antiferromagnetic to paramagnetic state in NaMnCl_3 8-88125
- Bazhanov, E.B.** *see* Prudnikov, I.A. 8-78033
- Bazhenov, G.P.**, Ladyzhenskii, O.B., Litvinov, E.A., Chesnokov, S.M. Emission surface of the cathode plasma in explosive electron emission 8-71569
- Bazhin, N.M.** *see* Plyusnin, V.F. 8-49934
- Bazin, Yu.A.** *see* Klimenkov, E.A. 8-94966
- Bazu, T.K.** *see* Nargundkar, V.R. 8-86575
- Bazuev, G.V.**, Samokhvalov, A.A., Morozov, Yu.N., Matveenko, I.I., Babushkin, V.S., Arbutova, T.I., Shveikin, G.P. Magnetic properties of rare-earth hypovanadates having the pyrochlore structure 8-72335
- Bazuev, V.P.** *see* Trofimov, A.I. 8-70114
- Be Suck Hee** *see* Suck Hee Be
- Beach, L.A.** *see* Allas, R.G. 8-86539
- Beadle, B.C.** *see* Adams, M.J. 8-87085
- Beadle, P.C.** Modelling of skin cancer incidence [due to UV radiation] 8-77091
- Beagley, B.**, Foord, A., Ulbricht, V. On the response of photographic emulsions to electrons in gas-phase electron diffraction experiments 8-54482
- Beal, A.R.**, Acrivos, J.V. Kinetic studies of the intercalation of 2H-NbSe_2 with hydrazine by transmittance measurements 8-71981
- Bealer, A.W.** *see* Runchal, A.K. 8-81380
- Beales, K.J.** *see* Dunn, A.G. 8-84616
- Beall, G.W.**, Mullica, D.F., Milligan, W.O., Korp, J., Bernal, I. The crystal structure of $\text{LaKFe}(\text{CN})_6\cdot 4\text{H}_2\text{O}$ 8-55844
- Beall, G.W.** *see* Swanson, B.I. 8-76455
- Beals, C.S.**, Tanner, R.W. Events interpreted as volcanic, associated with the impact craters Gagarin and Aitken on the lunar farside 8-65516
- Beam, R.M.**, Warming, R.F. An implicit factored scheme for the compressible Navier-Stokes equations 8-71306

- Beamer, J.L.** *see* Kaune, W.T. 8-53587
- Beamer, J.L.** *see* Sullivan, M.F. 8-65082
- Beams, J.W.** *see* Alder, B.J. 8-63850
- Beamson, G., Pearce, S.J., Turner, D.W.** Photoelectron spectroscopy in a strong magnetic field 8-50666
- Beamson, G., Pearce, S.J., Turner, D.W.** Photoelectron energy analysis in a strong magnetic field: the role of elastic scattering 8-62950
- Bean, J.C., Leamy, H.J., Poate, J.M., Rozgonyi, G.A., Sheng, T.T., Williams, J.S., Celler, G.K.** Epitaxial laser crystallization of thin-film amorphous silicon 8-84078
- Beanland, D.G.** The application of ion implantation to electronic device fabrication—a review 8-87692
- Beanland, D.G., Chivers, D.J.** Sheet resistance variation on color-banded silicon following high dose implantations at high dose rates 8-95074
- Beanland, D.G.** *see* Freeman, J.H. 8-89588, 8-89595
- Bearce, D.N.** Structure of the eastern Coosa Valley, Alabama 8-65291
- Beard, C.I., Martin, L.U.** Microwave radiometric sensing of the marine boundary layer 8-57272
- Beard, K.V.** On the acceleration of large water drops to terminal velocity 8-61506
- Beardmore, P., Rabinowitz, S.** Cyclic deformation and craze growth in polycarbonate 8-76759
- Beardmore, P.** *see* Govila, R.K. 8-95797
- Beardsley, R.C.** *see* Brown, W.S. 8-92832
- Beardsley, W.R., Jacobsen, T.S.** The spectroscopic orbit of HD 47732 8-57574
- Beardsley, W.R.** *see* Worek, T.F. 8-53982
- Bearman, G.H., Alspach, S.D., Leventhal, J.I.** Inelastic processes leading to excited-state formation in He^+ and H^+ collisions with Na and K 8-82833
- Bearman, G.H.** *see* Kelley, J.D. 8-66578
- Beasley, M.R.** *see* Kim, S. 8-52163
- Beattie, D.R.H., Lawther, K.R.** Relationship between wall shear stress and the heat transfer crisis phenomenon with vapour/liquid flows 8-90986
- Beattie, R.D., Fisher, N.I.** The computation of zones on influence of linear geological structures 8-57202
- Beattie, W.H., Revelli, M.A., Brom, J.M.** Radiative lifetime of $\text{PbO a}(1)$ 8-58745
- Beattie, W.H.** *see* Maier, W.B., II 8-95937
- Beatty, L.G., George, J.D., Robinson, A.Z.** Use of the complex exponential expansion as a signal representation for underwater acoustic calibration 8-79183
- Beaty, E.C., Hesselbacher, K.H., Hong, S.P., Moore, J.H.** Measurements of the triple-differential cross section for low-energy electron-impact ionization of helium 8-62924
- Beaty, E.C.** *see* Hong, S.P. 8-74773
- Beaty, R.D., Cooksey, M.M.** The influence of furnace conditions on matrix effects in graphite furnace atomic absorption 8-85230
- Beaubien, L.A.** *see* Sanford, R.J. 8-71279
- Beauchamp, J.L.** *see* Sullivan, S.A. 8-85140
- Beauchamp, K.G.** Two-dimensional recursive digital filtering [image processing] 8-58933
- Beauchamp, P.** Coherent twin boundaries and interatomic potentials in BCC metals 8-51558
- Beauchamp, P.** Multi-layer faults on (112) planes and interatomic potentials in BCC metals 8-51563
- Beaucoudrey, N.** *de see* de Beaucoudrey, N.
- Beaudet, R.A.** Microwave spectra of molecules of astrophysical interest. XII. Hydroxyl radical 8-50542
- Beaudouin, J.R.** *see* Plummer, J.D. 8-87223
- Beaudry, B.** *see* Edelstein, A.S. 8-68159
- Beaudry, B.J.** *see* Foet, D. 8-84709
- Beaudry, B.J.** *see* Nagai, H. 8-52721
- Beaudry, W.T.** *see* Knight, L.B., Jr. 8-91532
- Beaufays, J., Kennedy, C.N., Key, A.W., Prentice, J.D., Zemany, P.D.** Study of reactions $\pi^+p \rightarrow (\rho^0\omega)\Delta^{++}(1236)$ at 10.3 GeV/c 8-82248
- Beaufays, J.** *see* Kennedy, C.N. 8-74276
- Beaufays, J.** *see* Zemany, P.D. 8-66117
- Beaufre, P.** *see* Ghazlene, H.B. 8-75955
- Beaumur, N.** Numerical solutions of the problem of vibrating plates reposing on springs 8-79245
- Beaumont, C., Boutilier, R.** Tidal loading in Nova Scotia: results from improved ocean tide models 8-92821
- Beaumont, P.W.R., Aleszka, J.C.** Cracking and toughening of concrete and polymer-concrete dispersed with short steel wires 8-80626
- Beaumont, P.W.R., Jolliffe, V., Gore, D.** Fracture of particulate composites based on polymethylmethacrylate 8-76753
- Beaumont, P.W.R.** *see* Kirk, J.N. 8-95801
- Beaune, J.** *see* Besse, P. 8-81030
- Beaupere, D.** *see* Farcy, J.C. 8-59057
- Beauregard, O.** Costa de Costa de Beauregard, O.
- Beauregard, R.J., Papazoglou, T.P.** Hot cell examination results of EPRI/B&W Zircaloy creep collapse program 8-86596
- Beaury, O., Faucher, M., Caro, P.** Crystal structure and fluorescence spectrum of $3\text{Y}_2\text{O}_3$, $\text{WO}_3\text{Eu}^{3+}$ 8-52558
- Beaussier, J., Mainguy, A.-M., Olivero, A., Roland, R.** In orbit performance of the Cactus accelerometer (D5B spacecraft) 8-61698
- Beautemps, J.** *see* de Vries, A.J. 8-80590
- Beauvillain, J.** Scattering of electrons by a crystal. Introduction of a notion of coherence. Application to line patterns 8-51397
- Beavan, J.** A note on the strains at a distance from an ellipsoidal inhomogeneity 8-85534
- Bebchuk, A.S.** *see* Arushanov, S.Z. 8-53007
- Bebek, C.J., Brown, C.N., Holmes, S.D., Kline, R.V., Pipkin, F.M., Raither, S., Sisteron, L.K., Browman, A., Hanson, K.M., Larson, D., Silverman, A.** Electroproduction of single pions at low ϵ and a measurement of the pion form factor up to $Q^2=10 \text{ GeV}^2$ 8-66128
- Bebelaar, D.** *see* Langelaar, J. 8-62813
- Bebenin, G.G., Glazkov, Yu.N.** Results of an investigation of the rotation of a man in space 8-96106
- Bebien, J., Lapierre, H., Blanchet, R., Cadet, J.-P., Charvet, J., Chorowicz, J.** Middle Triassic volcanism in the Dinardes of Yugoslavia: its place in the peri-Mediterranean geotectonic evolution 8-77238
- Beccaria, A.M.** *see* Mor, E.D. 8-80670
- Becchetti, F.D., Flynn, E.R., Hanson, D.L., Sunier, J.W.** $^{12}\text{C}(\text{Li}, t)^{16}\text{O}$ and stellar helium fusion 8-89896
- Becchetti, F.D., Janecke, J.** $^{12}\text{C}(\text{Li}, d)^{16}\text{O}$ and $^{16}\text{O}(\text{Li}, d)^{20}\text{Ne}$ at $E(\text{Li})=42 \text{ MeV}$ 8-89897
- Becchetti, F.D.** *see* Pieper, S.C. 8-82378
- Bechara, M.J., Dietzsch, O., Samuel, M., Smilansky, U.** Reorientation effect measurements in ^{122}Te and ^{128}Te 8-50209
- Becher, P.F., Freiman, S.W.** Crack propagation in alkaline-earth fluorides 8-75720
- Becherer, R., Fumelli, M., Valckx, F.P.G.** The rectangular Periplasmatron, an ion source for MW-neutral beam injection systems 8-54915
- Becherer, T., Nasrallah, N.F.** Eta decay 8-70362
- Bechert, D., Pfizenmaier, E., Michel, U.** Some interaction properties between a turbulent jet and a pure tone excitation 8-94790
- Bechgaard, K.** *see* Andersen, J.R. 8-63742
- Bechgaard, K.** *see* Jacobsen, C.S. 8-91683
- Bechgaard, K.** *see* Megtert, S. 8-51912
- Bechgaard, K.** *see* Miljak, M. 8-84201
- Bechgaard, K.** *see* Mogensen, B. 8-84200
- Bechgaard, K.** *see* Zuppiroli, L. 8-60113
- Bechstedt, F., Haus, D.** Theory of second-order resonance Raman scattering in the case of strong excitonic effects 8-76460
- Bechtel, J.H.** *see* Liu, P. 8-83037
- Bechtold, J.H.** *see* Gupta, T.K. 8-68683
- Bechtold, V., Friedrich, L., Ziegler, P., Aniol, R., Latzel, G., Paetz-Gen-Schieck, H.** The Lamb shift polarized ion source at the FN tandem Van de Graaff accelerator of the University of Cologne 8-55065
- Beck, A.E., Darbha, D.M., Schloessin, H.H.** Lattice conductivities of single-crystal and polycrystalline materials at mantle pressures and temperatures 8-69338
- Beck, A.E.** *see* Conaway, J.G. 8-61416
- Beck, C.G., Santhanam, A.T.** Thermal fatigue crack propagation in cast cobalt-base alloy, MAR M-509 8-76740
- Beck, D.R.** *see* Amos, A.T. 8-62688
- Beck, D.R.** *see* Nicolaides, C.A. 8-78665
- Beck, E.C.** *see* Lewis, E.G. 8-61160
- Beck, F., Block, J., Dworzecka, M., Wolschin, G.** Application of one body dissipation to deep inelastic heavy ion scattering 8-62567
- Beck, F.A., Byrski, T., Toulemonde, M., Vivien, J.P.** Lifetimes of the first and second excited $3/2^-$ states in ^{41}Ca using the $^2\text{H}(\alpha, \text{Ca})^{41}\text{Ca}$ reaction 8-70487
- Beck, F.A.** *see* Haas, B. 8-54675
- Beck, G.** *see* Archambault, P. 8-64562
- Beck, G.** *see* Houin, J.P. 8-68685
- Beck, H., Baeriswyl, D.** Phonon dynamics of one-dimensional conductors 8-79704
- Beck, H.** *see* Hock, K.-H. 8-83904
- Beck, H.** *see* Muller, M. 8-95415
- Beck, H.** *see* Schafer, R. 8-71821
- Beck, H.G.E., Spruit, W.P.** 1/f noise in the variance of Johnson noise 8-68059
- Beck, J.N.** *see* Kuroda, P.K. 8-85396
- Beck, J.V.** *see* Farnia, K. 8-91661
- Beck, J.V.** *see* Schimmel, W.P., Jr. 8-90643
- Beck, K., Rusan, W., Stuck, W.** Application of the new SIColor single-tube colour television camera K80 for routine endoscopy 8-88758
- Beck, K.** *see* First, R.S. 8-81037
- Beck, K.** *see* Krishna Murthy, T.G. 8-80991
- Beck, M.S.** *see* Kaghazchi, B. 8-57328
- Beck, R., Berkhuijsen, E.M., Wielebinski, R.** Detection of polarised radio emission of M31 8-86017
- Beck, R.N.** *see* Tsui, B.M.W. 8-73223
- Beck, W.H., Mackie, J.C.** Application of the shock tube unsteady expansion wave technique to the study of chemical reactions 8-61011
- Beck, W.N.** *see* Kittel, J.H. 8-86606
- Becka, J.** Thermonuclear power stations and the environment 8-86681
- Becker, A.** *see* Hoffmeyer-Zlotnik, H.-J. 8-96246
- Becker, A.J.** *see* Wang, G.W. 8-86505, 8-90050
- Becker, C., Reiss, H., Heist, R.H.** Estimation of thermophysical properties of a large polar molecule and application to homogeneous nucleation of l-menthol 8-67820
- Becker, D., Grossweiner, I.L., Redpath, J.L.** Radiation inactivation of T7 phage 8-65083
- Becker, D.A.** Achieving accuracy in environmental measurements using activation analysis 8-69509
- Becker, E.** Non-Newtonian effects in the flow in plain bearings 8-94771
- Becker, E.A.** *see* Deutsch, V. 8-60928
- Becker, E.B.** *see* Cardwell, G.L. 8-50381
- Becker, G.** Research on primary CS-beam time and frequency standard at the PTB 8-89453
- Becker, G.E.** *see* Cardillo, M.J. 8-52609, 8-72675
- Becker, G.P.** *see* Thorson, L.M. 8-73212
- Becker, H., Grigull, U.** Measurement of the thermal diffusivity and conductivity of carbon dioxide in the critical region by means of holographic interferometry 8-59942
- Becker, H.A., Liang, D.** Visible length of vertical free turbulent diffusion flames 8-85163
- Becker, H.C., Glanzer, N.H.** Subliminal communication: advances in audiovisual engineering applications for behavior therapy and education 8-73293
- Becker, H.-D., Sandros, K.** On the relationship between fluorescence and molecular geometry. Formation of a luminescent intramolecular anthracene-ethylene exciplex by electronic excitation of lepidoptere 8-58728
- Becker, J.A., Chalmers, R.A., Watson, B.A., Wilkinson, D.H.** Precision measurements of nuclide half-lives 8-90043
- Becker, J.D., Suwelack, D., Mehring, M.** ^{13}C chemical shift tensor investigation of a second order phase transition: squaric acid 8-52462
- Becker, J.H.** *see* Driscoll, J.N. 8-92561
- Becker, J.J.** A new mechanism for magnetic annealing in amorphous metals 8-95484
- Becker, J.J.** *see* Alben, R. 8-68223
- Becker, K., Goedicke, C.** A quick method for authentication of ceramic art objects 8-58503
- Becker, K.** *see* Fichtner, N. 8-58384
- Becker, K.D.** Temperature dependence of NMR chemical shifts in cuprous halides 8-68401
- Becker, K.D.** Nuclear spin relaxation by quadrupolar interactions. The diffusion of substitutional impurities in ionic crystals 8-68408
- Becker, K.-D.** *see* Zimmer, H. 8-57269
- Becker, K.H., Ionescu, A., Ionescu, M.** Ground level measurements of atmospheric concentrations of CCl_2F_2 and CCl_3F in the Wuppertal-Düsseldorf region 8-73478
- Becker, K.W., Fulde, P., Keller, J.** Linewidth of crystal-field excitations in metallic rare-earth systems 8-67988
- Becker, L., Biehl, K.-J., Weigt, G.** Inclusive single particle distributions from the dual fermion model 8-86446
- Becker, L.** *see* Grassler, H. 8-62466
- Becker, M.** *see* Bauer, H.J. 8-71860
- Becker, M.** *see* Parvez, A. 8-62590
- Becker, M.F.** *see* Hahn, S.F. 8-55750
- Becker, M.F.** *see* Knopp, J. 8-55303, 8-71036
- Becker, P.** *see* Bonnet, M. 8-52215
- Becker, R.A., Sopori, B.L., Chang, W.S.C.** Focused laser lithographic system 8-55477
- Becker, R.H.** *see* Prado, S.H. 8-93458
- Becker, R.O.** *see* Marino, A.A. 8-77083
- Becker, R.S., Bolland, T.K., Shieh, S.Y.** Effects of libration on the light curve of a close binary system 8-57579
- Becker, S.A.** *see* Kaler, J.B. 8-93376
- Becker, U., Teppner, U., Wusthof, U.** Hyperfine structure of the ^7P states in the configurations $3d^4p$ and $3d^4s4p$ of ^{53}Cr 8-78668
- Becker, W., Behnke, J., Kagel, H., Leven, R.** Propagation properties of electron free streaming waves in He DC discharges 8-75314
- Becker, W., Henning, J.** Problems with turbomolecular pumps in magnetic fields 8-70143
- Beckerman, M.** Angular momentum dependence of statistical fission parameters 8-89846
- Beckerman, M., Blann, M.** Statistical-model analyses of heavy-ion-induced fusion reaction products 8-66312
- Beckerman, M.** *see* Blann, M. 8-86523

- Beckers, J., Jaminon, M.** Metric tensors invariant under some subgroups of the conformal group of space-time 8-93816
- Beckers, J., Jaspers, M.** On timelike, lightlike, and spacelike realizations of Poincaré generators 8-86150
- Beckers, J.M., De Vegvar, P.** Some comments on the limb shift of solar lines. I. The effect of pressure shifts on iron lines in the solar atmosphere 8-89150
- Beckert, K.** *see* Fodor, I. 8-82332
- Beckert, K.** *see* Fodor, I. 8-70504
- Beckert, U.** Numerical computation of the eddy current phenomena in a ferromagnetic probe with a square cross-section 8-77951
- Becket, A.J.** *see* Ellis, B.W. 8-77130
- Beckey, H.D.** *see* Okuyama, F. 8-76588, 8-95949
- Beckinsale, R.D.** *see* Pankhurst, R.J. 8-65303
- Becklin, E.E.** *see* Beckwith, S. 8-93351
- Becklin, E.E.** *see* Nadeau, D. 8-93315
- Becklin, E.E.** *see* Werner, M.W. 8-81671
- Becklin, E.E.** *see* Wynn-Williams, C.G. 8-54017
- Beckman, J.E.** *see* Wegmann, H.M. 8-85813
- Beckmann, P.** *see* Benninghoven, A. 8-76568
- Beckmann, W.J.** *see* Rihn, W.J. 8-65396
- Beckwith, P.J.** A vibrating mirror system suitable for Q-switching large-aperture lasers 8-87082
- Beckwith, P.M.** *see* Crouch, S.R. 8-95971
- Beckwith, S., Gatley, I., Matthews, K., Neugebauer, G.** Molecular hydrogen emission from T Tauri stars 8-93230
- Beckwith, S., Persson, S.E., Neugebauer, G., Becklin, E.E.** Observations of the molecular hydrogen emission from the Orion Nebula 8-93351
- Becla, P., Dudziak, E., Pawlikowski, J.M.** Isothermal growth of epitaxial $\text{Cd}_x\text{Hg}_{1-x}\text{Te}$ layers 8-60577
- Becla, P.** *see* Pawlikowski, J.M. 8-80380
- Becraft, W.R.** *see* Bettis, E.S. 8-54897
- Becraft, W.R.** *see* Roberts, M. 8-58414
- Bedair, S.M., Littlejohn, M.A.** Liquid phase epitaxy of II-IV-V₂ chalcopyrite compounds 8-92206
- Bedard, A.J., Jr., Meade, H.B.** The design and use of sensitive pressure-jump sensors to detect thunderstorm gust fronts. I. Pressure-jump detector design 8-57357
- Bedborough, D.S., Jackson, D.A.** A method of multipassing a Fabry-Perot interferometer 8-54448
- Bedborough, D.S.** *see* Jackson, D.A. 8-71408
- Beddard, G.S., Davidson, R.S., Whelan, T.D.** N-n-butyl-N,N-di(2-naphthylmethyl)amine: a compound exhibiting intramolecular excimer and exciplex formation 8-62836
- Beddard, G.S.** *see* Altmann, J.A. 8-88697
- Beddoe, A.H.** *see* Spiers, F.W. 8-53512, 8-77115
- Beddoes, D.R.** *see* Morgan, B.L. 8-65656
- Bedeaux, D.** *see* Kapral, R. 8-51718
- Bedell, K., Brown, G.E.** Short-range correlations in the electron gas 8-84156
- Beden, B.** General kinetic equation (including a symmetry factor) describing solid-gas heterogeneous reactors governed by a mixed regime 8-92444
- Beder, D.** Predicted branching ratio for $\pi^-d \rightarrow \pi^0nn$ at rest 8-62957
- Beder, D.** The hyperfine quadrupole moment of muonium in the ground state 8-90324
- Bedford, N.H.** *see* Nowak, R.J. 8-78213
- Bedi, S.** *see* Lindgren, B. 8-84416
- Bedi, S.C., Pillay, R.G., Devare, S.H.** The quadrupole interaction at ^{181}Ta in Zn 8-52392
- Bedijn, P.J., Habing, H.J., de Jong, T.** Model infrared spectra for accreting stars 8-85934
- Bedini, L., Bramanti, M., Denoth, F.** Transcutaneous measurement of the parameters of a cardiocirculatory system using electromagnetic techniques 8-85352
- Bednar, M.** New elementary particles discovered during the last three years 8-86103
- Bednar, M., Sachl, V.** Fourth degree Casimir operator of the semisimple graded Lie algebra ($\mathfrak{Sp}(2N)$; $2N$) 8-65750
- Bedretsinov, Z.M., Gaisin, F.M., Dautov, G.Yu.** Generalised formulae and graphs for gas break-down voltages at high temperatures 8-51370
- Bedrizova, M.N.** *see* Kovalev, A.V. 8-72331
- Beduschi, A., Boccato, C., Cerutti, S., Pincioli, F.** Detecting dynamic displacement of third intracranial ventricle 8-57035
- Bee, J.V., Honeycombe, W.K.** The isothermal decomposition of austenite in a high purity iron-chromium binary alloy 8-64525
- Bee, J.V.** *see* Howell, P.R. 8-68712
- Bee, N.J., Stopford, P.J., Webber, B.R.** Bound states in massless two-dimensional quantum chromodynamics 8-62371
- Beebe, N.H.F.** *see* Jorgensen, P. 8-58647, 8-62781
- Beeby, J.L.** *see* Hayes, T.M. 8-79797
- Beech, N.W.** Boundary layers due to gravity waves 8-90929
- Beecher, M.D.** *see* Brown, C.H. 8-65038
- Beckmans, F.** Study of the intensity of the ultraviolet radiation of Be stars 8-81635
- Becken, R.B., Savage, W.R., Schweitzer, J.W., Cater, E.D.** Intermediate valence in $\text{SmSb}_{1-x}\text{Alloys}$ 8-51943
- Becken, R.B., Savage, W.R., Schweitzer, J.W.** Magnetic ordering and configuration mixing in $\text{SmSb}_{1-x}\text{Alloys}$ 8-68179
- Beckmans, N.M., Brouha, M., van Daal, H.J.** The effect of high pressure on the resistivity of Cr-Al disordered alloys 8-95286
- Beelen, H.** *see* van Beelen, H.
- Beeler, J.R.** Computer experiments on radiation-induced defect production and defect annealing 8-87710
- Beels, R.** *see* Claes, F.H. 8-62255
- Beem, J.K., Ehrlich, P.E.** Finite Lorentzian distance and causal geodesic incompleteness 8-62075
- Beenakker, J.J.M.** *see* Eggermont, G.E.J. 8-51199, 8-51200, 8-71400
- Beene, J.R.** Nuclear data sheets for A-45 8-66187
- Beene, J.R.** Nuclear data sheets for A=48 8-82266
- Beene, J.R., Hauser, O., Alexander, T.K., McDonald, A.B.** Electromagnetic properties of particle-vibration coupling states in ^{209}Bi 8-70485
- Beene, J.R.** *see* Horn, D. 8-54792
- Beene, J.R.** *see* Westerberg, L. 8-70484
- Beer, G.A.** *see* Auld, E.G. 8-90111
- Beer, H., Ly Di Hong, Kappeler, F.** A measurement of the total neutron cross section of iron-58 in the energy range from 7 to 325 keV 8-74357
- Beer, M.** *see* de Beer, M.
- Beer, M.** *see* de Beer, M.
- Beer, R.** *see* de Beer, R.
- Beer, T., Kirchhoff, V.W.J.H.** Comment on 'Equatorial F region motions deduced from Sq currents' by Tom Beer [and reply] 8-96344
- Beer, T.** *see* Booth, C. 8-61980
- Beer, W.** *see* Eichler, R. 8-66695
- Beere, W.** Stresses and deformation at grain boundaries 8-68739
- Beere, W.** Grain size stability and switching in two phase polycrystals 8-75715
- Beers, A.M., Mittemeijer, E.J.** Dislocation wall formation during interdiffusion in thin bimetallic films 8-51856
- Beers, A.M., Mittemeijer, E.J.** Modification of interfaces in thin epitaxial bimetallic films during interdiffusion 8-71890
- Beers, A.M., Mittemeijer, E.J., Delhez, R.** Effects of interdiffusion on the misfit dislocation configuration and the moiré patterns of thin bimetallic films 8-84110
- Beers, B.L.** *see* Armstrong, L., Jr. 8-62773
- Beers, C.J., van Dongen, J.C.M., van Kempen, H., Wyder, P.** Influence of voids on the linear magneto-resistance of In 8-51974
- Beesarabskii, Yu.G., Ovsyannikov, S.B., Sukhoveev, S.P.** Study of profile of an ion beam by means of a titanium tritide collector 8-78032
- Beese, J.G.** Some parameters influencing the release pressure of reverse-buckling safety disks 8-89489
- Beetz, R., de Boer, F.W.N., Fransson, K., Konijn, J., Panman, J.K., Tauscher, L., Tibell, G.** Determination of the effective quadrupole moment in ^{181}Ta with pionic X-rays 8-66200
- Beetz, R., de Boer, F.W.N., Panman, J.K., Konijn, J., Pavlopoulos, P., Tibell, G., Zioutas, K., Bergstrom, I., Fransson, K., Tauscher, L., Blum, P., Guigas, R., Koch, H., Poth, H., Simons, L.M.** High spin states and neutron multiplicities after pion capture in ^{181}Ta and ^{209}Bi 8-54806
- Beevers, C.E.** A note on the exterior problem for linear viscoelasticity 8-71283
- Beevers, C.E., Engelbrecht, J.** Energy arguments in linear thermoelasticity 8-51067
- Beevers, C.J.** Some aspects of fatigue crack growth in metals and alloys 8-56772
- Beex, A.A.** *see* Graupe, D. 8-88766
- Beg, M.A.B., Marciano, W.J., Ruderman, M.** Properties of neutrinos in a class of gauge theories 8-54599
- Beg, M.A.B., Tsao, H.-S.** Strong P and T noninvariances in a superweak theory 8-82123
- Beg, S.** A capacitance manometer with a stainless steel bellows-sealed membrane 8-54383
- Beg, S., Malik, N.A.** Metal ion source using high power density electron impact technique 8-54497
- Bega, N.D.** *see* Troshchenko, V.T. 8-60742
- Begal, D.R.** Hydrogen and deuterium permeation in copper alloys, copper-gold brazing alloys, gold, and the in situ [growth of stable oxide permeation barriers] 8-75883
- Begelman, M.C.** Black holes in radiation-dominated gas: an analogue of the Bondi accretion problem 8-77575
- Beggs, G.C.** *see* Jacobs, H.R. 8-94547
- Beghian, L.E.** *see* Karatzas, P.T. 8-62529
- Beghin, C.** *see* Christiansen, P. 8-53774
- Beghian, G.A., Gavrilenco, V.G., Dzhanidieri, G.V.** On the influence of temporal fluctuations upon the radiation in a randomly inhomogeneous media 8-71017
- Begin, G.** *see* Simoneau, R. 8-84822
- Begkhanov, M., Mukhamednazarov, S.** Photometry of television photographs of meteors 8-96441
- Begoulev, V.B.** *see* Alikhanov, R.A. 8-52212
- Begovich, C.L.** *see* Alsmiller, R.G., Jr. 8-61550
- Begovich, J.M., Watson, J.S.** An electroconductivity technique for the measurement of axial variation of holdups in three-phase fluidized beds 8-67286
- Beguier, C., Giralt, F., Fulachier, L., Keffer, J.F.** Negative production in turbulent shear flows 8-94666
- Beguier, C., Giralt, F., Keffer, J.** Mean dynamic field downstream of two identical cylinders with weak source interaction 8-87347
- Beguin-Renier, F., Desesquelles, J., Gaillard, M.L.** Hyperfine structure in the $5s(3/2)[3/2]_0$ and $5p(3/2)[1/2]_1$ levels of $^{85}\text{Rb}^+$ and $^{87}\text{Rb}^+$ using 'in-flight' saturated absorption laser spectroscopy 8-78650
- Behannon, K.W.** Helio-centric distance dependence of the interplanetary magnetic field 8-73675
- Behannon, K.W.** *see* Lepping, R.P. 8-96417
- Behar, A., Taibo, L.** Measurement of the acoustic efficiency of loudspeakers 8-51028
- Behar, F.** *see* Lefevre, G. 8-91305
- Behar, M., Filevich, A., Garcia Bermudez, G., Mariscotti, M.A.J.** Evidence for the first $9/2^+$ state in ^{75}Br and maximum deformation at $N \sim 42$ 8-50088
- Behar, M., Filevich, A., Garcia Bermudez, G., Mariscotti, M.A.J., Monico, J., Sinderman, J., Tau, S., Thieberger, P.** Digital multidiscriminator for use in gamma-gamma coincidence experiments 8-70707
- Behar, M.** *see* Da Jornada, J.A.H. 8-68416
- Behar, M.** *see* Davidson, M. 8-93941
- Behbehani, A.H.** *see* Al-Naser, A.M. 8-93960
- Behbehani, A.H.** *see* Lister, C.J. 8-62588
- Behre, M.J., Englander, S.W.** Sickle hemoglobin gelation. Reaction order and critical nucleus size 8-76983
- Behera, B., Guru, N.M., Satpathy, R.K.** Properties of nuclear matter and $N=Z$ closed-shell nuclei 8-58242
- Behera, S.N.** *see* Nayak, P. 8-75773
- Behie, L.A., Voegelin, B.E., Bergougnon, M.A.** The design of fluid bed grids using the orifice equation 8-91006
- Behmenburg, W.** *see* Kroop, V. 8-55144
- Behn, U.** On the Ward identities for the Hubbard model. Particle-number conservation and the analytical structure of the self-energy 8-79913
- Behncke, H.-H., Liesen, D., Haggman, S., Mokler, P.H., Armbruster, P.** Measurements of the probability for $1s\sigma$ excitation in very heavy ion-atom-collisions and determination of the binding energy of the $1s\sigma$ molecular orbital 8-94316
- Behncke, H.-H., Nakel, W.** Angular dependence of the photon linear polarization in the elementary process of atomic-field bremsstrahlung 8-62927
- Behnke, J.** *see* Becker, W. 8-75314
- Behnke, J.F., Deutsch, H., Pfau, S.** The radial distribution of metastable atoms in the positive column of low current helium discharges 8-67495
- Behnke, J.F., Grigull, P.** Radial distribution of vibration temperature $T_v(X^1\Sigma_g^+)$ in the positive column of a N_2 low pressure DC discharge 8-67499
- Behnke, R.A.** *see* Duncan, L.M. 8-96347
- Behraves, M.** Ultrasonic reflectivity loss at Rayleigh angle incidence due to material structure 8-59187
- Behren, P.L.** *see* von Behren, P.L.
- Behrend, H.-J., Koch, E.E., Kunz, C., Mulhaupt, G.** DORIS as a part-time dedicated source of synchrotron radiation 8-62668
- Behrens, G.H., Jr.** Cryogenically cooled C-band p-i-n diode integrated switch matrix for radio astronomy applications 8-96392
- Behrens, J.W., Newbury, R.S., Magana, J.W.** Measurements of the neutron-induced fission cross sections of ^{240}Pu , ^{242}Pu , and ^{244}Pu relative to ^{235}U from 0.1 to 30 MeV 8-50217
- Behrens, R., Jr.** *see* Freedman, A. 8-68883
- Behrens, R., Jr.** *see* Parr, T.P. 8-64842
- Behringer, K.** Measurement of the ground state population in the axis of a hydrogen arc 8-67598
- Behringer, K., Kostic, L.J., Seifritz, W.** Observation of in-core instrument tube vibrations in a Boiling Water Reactor by evaluating reactor noise data 8-94064
- Behringer, K., Thoma, P.** Observation of the H β shape resonance in the hydrogen-arc emission spectrum 8-66490
- Behringer, K.** *see* Kosaly, G. 8-94059

- Behrisch, R.** *see* Altstetter, C.J. 8-71751
- Behrisch, R.** *see* Blewer, R.S. 8-95070
- Beiden, V.E.** *see* Ivanyutin, L.A. 8-91796
- Beier, E.,** Brody, H., Featherston, G., Kreinick, D., Patton, R., Raychaudhuri, K., Takeda, H., Thern, R., Van Berg, R., Weisberg, H. s-dependence of proton fragmentation by hadrons. I. Incident laboratory momenta 4-24 GeV/c 8-74290
- Beier, E.** *see* Weisberg, H. 8-74291
- Beierwaltes, W.H.** The treatment of thyroid carcinoma with radioactive iodine 8-85373
- Beierwaltes, W.H.** The treatment of hyperthyroidism with iodine-131 8-85374
- Beierwaltes, W.H.,** Wieland, D.M., Mosley, S.T., Swanson, D.P., Sarkar, S.D., Freitas, J.E., Thrall, J.H., Herwig, K.R. Imaging the adrenal glands with radiolabeled inhibitors of enzymes 8-65118
- Beierwaltes, W.H.,** Wieland, D.M., Yu, T., Swanson, D.P., Mosley, S.T. Adrenal imaging agents: rationale, synthesis, formulation and metabolism 8-85370
- Beierwaltes, W.H.** *see* Thrall, J.H. 8-85371
- Beig, R.** Radiation (damping) in a universe with topologically closed space sections 8-57828
- Beigang, R.** *see* Litfin, G. 8-94397
- Beigang, R.** *see* Welling, H. 8-90420
- Beige, H.,** Sorge, G., Schmidt, G., Glogarova, M. Resonance method for determining small piezoelectric constants 8-92025
- Beigman, I.L.** The highly excited level populations in the low density plasma 8-67326
- Beijeren, H.** *van see* van Beijeren, H.
- Beijeren, H.** *van see* van Beijeren, H.
- Beijerinck, H.C.W.** *see* Theuws, P.G.A. 8-67439
- Beil', A.I.** *see* Portnov, G.G. 8-63325
- Beilin, B.I.** *see* Pustovalov, V.I. 8-92277
- Beilis, I.I.** Cathode spots on metallic electrode of a vacuum arc discharge 8-91179
- Beille, J.,** Bloch, D., Voiron, J. Weak and induced magnetism in itinerant electron systems 8-52191
- Beille, J.,** Twofly, F. High-field and high-pressure magnetic behaviour of $\text{Fe}_x\text{Co}_{1-x}\text{Ti}$ alloys 8-91919
- Beinert, J.** *see* Kalthoff, J.F. 8-72867
- Beinvoigt, W.,** Koch, J.F. Spectroscopy of electron subband levels in an inversion layer on InSb 8-64364
- Beinvoigt, W.,** Koch, J.F. Intersubband-cyclotron combined resonance in a surface space-charge layer 8-68063
- Beiser, L.** Augmented laser scan equations 8-55398
- Beiser, L.,** Chen, D. (editor) Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.123. Optical Storage Materials and Methods 8-71171
- Beissner, R.E.** Self consistency in the third order perturbation theory of simple metals 8-76014
- Beitel, J.C.** *see* Barthold, W.P. 8-78482
- Beiting, E.J., III,** Jones, C.C., Benesch, W. Energy levels of low lying triplet states of N_2 from infrared emission studies 8-58691
- Beiting, E.J., III** *see* Benesch, W. 8-66549
- Beiting, E.J., III** *see* Jones, C.C. 8-58690
- Beitins, M.P.,** Berzins, Ya.Ya., Prokof'ev, P.T., Rotter, Kh., Khaizer, Kh., Stary, F. The spectra of gamma-rays from the reactions $^{176}\text{Yb}(p, n\gamma)$ and $^{176}\text{Yb}(d, xn\gamma)$ 8-54720
- Bejan, A.** The concept of irreversibility in heat exchanger design: counterflow heat exchangers for gas-to-gas applications 8-90699
- Bejan, A.,** Tien, C.L. Fully developed natural counterflow in a long horizontal pipe with different end temperatures 8-75137
- Bejan, A.,** Tien, C.L. Natural convection in a horizontal porous medium subjected to an end-to-end temperature difference 8-91010
- Bejan, A.,** Tien, C.L. Effect of axial conduction and metal-helium heat transfer on the local stability of superconducting composite media 8-91832
- Bekbulatov, R.S.** *see* Troshchenko, V.T. 8-64800
- Bekebrede, W.R.** *see* Burilla, C.T. 8-64232
- Bekebrede, W.R.** *see* Kestigian, M. 8-68323
- Bekeris, Yu.Ya.,** Kalnyina, R.P., Fel'tyn', I.A. Thermally stimulated depolarization currents in plasma-grown silica films 8-80082
- Bekeshko, N.A.** Investigation of the active thermal method of inspecting soldered joints 8-72993
- Bekeshko, N.A.** Methods and apparatus for thermal nondestructive testing of weld joints 8-88615
- Bekeshko, N.A.,** Fedchishin, V.G. Determining the parameters of internal defects in inspecting dielectric materials 8-56869
- Bekeshko, N.A.,** Leporskii, A.N. Electroluminescent screens in defect imaging 8-53083
- Bekeshko, N.A.,** Leporskii, A.N., Arsent'ev, N.S. A portable temperature-measuring instrument for thermal monitoring 8-49837
- Bekeshko, N.A.,** Leporskii, A.N., Fedchishin, V.G. An investigation of hidden nonuniformities in flat dielectric materials by thermal methods 8-56868
- Bekhtenev, A.A.,** Volosov, V.I. Certain features of flute perturbations in an open system with radial electric field 8-51338
- Bekkerman, L.I.,** Konshina, Z.A. Effect of the coagulation structure of Ti^{4+} hydroxide on the particle size of TiO_2 8-52732
- Bekmukhambetov, E.S.,** Daukeev, D.K., Zhotabaev, Zh.R., Lunin, Yu.L., Reutova, N.A. Diffusion of ^{140}Ba and ^{132}Te in molybdenum 8-91485
- Bekooy, J.P.,** Meerts, W.L., Dymanus, A. The high-resolution hyperfine Lambda-doubling spectrum of vibrational excited OH 8-90153
- Bekov, G.I.,** Letokhov, V.S., Matveev, O.I., Mishin, V.I. A long-lived autoionization state observed in the spectrum of the Gd atom 8-94216
- Bektimirova, Z.A.,** Komar, V.G. Information evaluation of image quality for various cinematographic systems 8-54485
- Bel, N.** *see* Clavel, J. 8-61899
- Bel, N.** *see* Viala, Y. 8-61898
- Belakhovsky, M.** *see* Ferguson, P. 8-88015
- Belanger, P.A.** *see* Rioux, M. 8-66856
- Belanger, P.-A.,** Rioux, M. Ring patterns of a lens-axicon doublet illuminated by a Gaussian beam 8-55421
- Belanger, P.-A.,** Tremblay, R., Lapierre, P. Injection mode-locking of a 200 joule TEA- CO_2 laser 8-79049
- Belanov, A.S.** Multilayer optical waveguides with higher dielectric losses in the central layer 8-71223
- Belash, A.A.** *see* Sinyakov, E.V. 8-54357
- Belash, B.K.** *see* Antonov, V.E. 8-88144
- Belash, I.T.,** Ponomarev, B.K., Tissen, V.G., Afonikova, N.S., Shekhtman, V.Sh., Ponyatovskii, E.G. Ferromagnetism in Mn-H and Mn-D systems 8-88145
- Belash, I.T.** *see* Antonov, V.E. 8-60645
- Belash, I.T.** *see* Thiessen, V.G. 8-84452
- Belashchenko, D.K.** *see* Krutovskii, E.P. 8-95278
- Belavin, M.I.,** Shvilkin, B.N., Skovoroda, A.A. Investigation of the noises in weakly ionized plasma in a magnetic field 8-75338
- Belbeoch, B.,** Kleinberger, R., Rouilly, M. Correlation between the high temperature anomalies in V_2O_5 and the lattice parameters 8-87790
- Bel'chenko, G.I.,** Gubenko, S.I. Influence of inclusions on the distribution of local microheterogeneous deformation in steel 8-80586
- Belcher, R.** Perspectives in inorganic micro and trace analysis 8-81784
- Belcher, R.,** Nasser, T.A.K., Shahidullah, M., Townshend, A. Candoluminescence spectrophotometry—a flame technique for trace metal analysis 8-61093
- Belderson, R.H.** *see* Kenyon, N.H. 8-96191
- Belen'kaya, E.N.** *see* Kirillov, S.A. 8-72522
- Belen'kii, A.Ya.,** Shevakin, A.F. Calculation of electrical field gradients on nuclei in elastically strained metals 8-60096
- Belen'kii, A.Ya.** *see* Shevakin, A.F. 8-56400
- Belen'kii, B.G.** *see* Kurenbin, O.I. 8-68951
- Belen'kii, B.G.** *see* Skvortsov, A.M. 8-51824
- Belen'kii, B.G.** *see* Vilenchik, L.Z. 8-68950
- Belenky, M.Y.** *see* Borishansky, V.M. 8-90987
- Beletskaya, O.P.** *see* Bezborodova, S.I. 8-71718
- Beletskii, V.V.,** Chudinov, P.S. The linear stabilization problem for bipedal walking 8-51055
- Beletskii, Yu.L.,** Dzigrashvili, T.A., Kokorin, V.V., Pan, V.M., Chuistov, K.V., Shevchenko, A.D. Singularities of physical properties and ordering in Cu-Pd alloys 8-76643
- Belevich, M.Yu.,** Chalikov, D.V. Development of turbulent boundary layer in stratified fluid 8-63477
- Belevich, V.V.** Values of Bowen's ratio in the equatorial Atlantic [GATE and TROPEX-72 data] 8-81330
- Belevtzev, A.A.** *see* Batenin, V.M. 8-67483
- Belfort, G.** *see* Almagor, E. 8-84053
- Belikodnaya, O.A.** *see* Garber, R.I. 8-92267
- Belikov, A.B.** *see* Pilat, I.M. 8-77904
- Belikov, E.G.,** Gerisimov, V.G., Ostanin, Yu.Ya. Theory of laid-on transducers for inspection of multilayer products 8-88610
- Belikova, T.P.** *see* Baev, V.M. 8-89561
- Belikovich, V.V.,** Benediktov, Ye.A., Itkina, M.-A. Electron-loss function in the ionospheric D-region and dependence of anomalous radio-wave absorption on the solar zenith angle during sudden ionospheric disturbances 8-69568
- Belikovich, V.V.,** Itkina, M.A. A model of ion bunching in the mesosphere 8-73424
- Belinfante, F.J.** Can individual elementary particles have individual properties? 8-57721
- Belinicher, V.I.** Photo-Hall effect in crystals with no centre of symm etry 8-60152
- Belinicher, V.I.** Space-oscillating photocurrent in crystals without symmetry center 8-64060
- Belinicher, V.I.** Photogalvanic effect for free carriers in crystals without symmetry center 8-87999
- Belinicher, V.I.,** Filonov, A.N. Models of impurity centres in the theory of the photovoltaic effect 8-60153
- Belinicher, V.I.,** Kanaev, I.F., Malinovskii, V.K., Sturman, B.I. Mechanisms for the optical damage in lithium niobate crystals 8-95570
- Belinskaya, G.I.,** Dubovik, A.S., Kiryushin, Yu.T., Mal'tsev, A.A., Stepanov, B.M. Wide-band mirror optical pathway for electron-ring diagnostics using synchrotron radiation 8-78518
- Belinskii, B.P.,** Veshev, V.A., Klyukin, I.I., Kouzov, D.P. Effect of losses on the propagation of vibrations in a beam-reinforced plate 8-94612
- Belinskii, V.A.,** Gibbons, G.W., Page, D.N., Pope, C.N. Asymptotically Euclidean Bianchi IX metrics in quantum gravity 8-65857
- Belintsev, B.N.,** Livshits, M.A., Volkenstein, M.V. On the multi-stationary state transitions in the spatial kinetic systems 8-73136
- Belitskaya, S.G.** *see* Litovchenko, N.A. 8-60881
- Belitskii, A.,** Martynenko, Yu.G. On the synthesis of the geometry of the suspension of an electrostatic gyroscope possessing maximal rigidity 8-62072
- Belitz, H.J.,** Conrads, H., Giesen, B., Schwarz, U., Schomburg, U. Stress analysis of anisotropic B-coils sliding inside their frame 8-50382
- Beljaars, A.C.M.** *see* van Dongen, F.G. 8-87336
- Beljan, J.R.** *see* Vernikos-Danellis, J. 8-53536
- Belkind, A.I.,** Aleksandrov, V.V., Murashov, A.A. Photoelectron emission from solid ion-radical salts of aromatic hydrocarbons with alkali metals 8-80456
- Belkov, B.M.** *see* Larikov, L.N. 8-84007
- Bel'kovich, O.I.,** Kondrat'eva, E.D., Vasil'ev, A.M. Study of the orbit of the Quadrantid meteor shower 8-61815
- Bell, A.T.** An introduction to plasma processing [semiconductor device fabrication] 8-63602
- Bell, A.T.** Chemical reaction in nonequilibrium plasmas 8-76863
- Bell, B.,** Madhukar, A. Reply to 'Comment on "Theory of chemisorption on metallic surfaces: Role of intra-adsorbate Coulomb correlation and surface structure"' 8-71980
- Bell, B.** *see* Hollaway, L. 8-72813
- Bell, C.M.J.,** Leach, M.O., Dabek, J.T., Chettle, D.R., James, H., Thomas, B.J., Fremlin, J.H. Problems in the interpretation of the in vivo measurement of calcium by the argon-37 method: an investigation of inert-gas elimination in humans 8-61247
- Bell, C.P.,** Knight, P. Daytime sky-wave propagation in the LF broadcasting band 8-61648
- Bell, F.** *see* Jank, W. 8-62891
- Bell, F.** *see* Schleinkofer, L. 8-78657
- Bell, F.** *see* Scholer, A. 8-56546
- Bell, F.** *see* Tittel, H. 8-78800
- Bell, G.I.** Models for the specific adhesion of cells to cells 8-80844
- Bell, I.G.** *see* Emms, M.J. 8-89734
- Bell, I.J.** *see* Smith, M.R. 8-71176, 8-83047
- Bell, J.,** Berge, J.P., Bogert, D.V., Cence, R.J., Coffin, C.T., Diamond, R.N., DiBianca, F.A., Endorf, R., French, H.T., Hanft, R., Harris, F.A., Jones, M., Kochowski, C., Louis, W.C., Lynch, G.R., Malko, J.A., Marriner, J.P., Moffatt, G.I., Nezzick, F.A., Parker, S.I., Peters, M.W., Peterson, V.Z., Roe, B.P., Ross, R.T., Scott, W.G., Seidl, A.A., Smart, W., Stenger, V.J., Stevenson, M.L., Vander Velde, J.C., Wang, E. Diffractive production of vector mesons in high-energy neutrino interactions 8-54625
- Bell, J.,** Berge, J.P., Bogert, D.V., Cence, R.J., Coffin, C.T., Diamond, R.N., DiBianca, F.A., Endorf, R., French, H.T., Hanft, R., Harris, F.A., Jones, M., Kochowski, C., Louis, W.C., Lynch, G.R., Malko, J.A., Marriner, J.P., Moffatt, G.I., Nezzick, F.A., Peters, M.W., Peterson, V.Z., Roe, B.P., Ross, R.T., Scott, W.G., Seidl, A.A., Smart, W., Stenger, V.J., Stevenson, M.L., Vander Velde, J.C., Wang, E. Cross-section measurements for the reaction $\nu\mu\rightarrow\mu^+\pi^+\nu$ and $\nu\mu\rightarrow\mu^+K^+\nu$ at high energies 8-93872
- Bell, J.,** Berge, J.P., Bogert, D.V., Cence, R.J., Coffin, C.T., Diamond, R.N., DiBianca, F.A., Endorf, R., French, H.T., Hanft, R., Harris, F.A., Jones, M., Kochowski, C., Louis, W.C., Lynch, G.R., Malko, J.A., Marriner, J.P., Moffatt, G.I., Nezzick, F.A., Peters, M.W., Peterson, V.Z., Roe, B.P., Ross, R.T., Scott, W.G., Seidl, A.A., Smart, W., Stenger, V.J., Stevenson, M.L., Vander Velde, J.C., Wang, E. Study of the reactions $\nu\mu\rightarrow\mu^+\Delta^{++}$ at high energies and comparisons with theory 8-93873

- Bell, J.F.W.** *see* Fathimani, A.A. 8-57948
- Bell, J.P., Hughes, A.J.** Selective degradation of nylon 6,6. II. Application of the degradation technique to commercially drawn fibers 8-71683
- Bell, J.P.** *see* Hughes, A.J. 8-71682
- Bell, J.R.** *see* Couchman, J.C. 8-87214
- Bell, J.S.** Experimental quantum field theory 8-82118
- Bell, J.S., Davis, A.C., Rafelski, J.** Partons of a spherical box 8-89664
- Bell, K., Blenkinsop, J.** Reset Rb/Sr whole-rock systems and chemical control 8-61366
- Bell, K.J.** *see* Rhodes, T.R. 8-90667
- Bell, K.L., Kingston, A.E., Madden, P.J.** Ionisation of H^- by electron impact 8-78816
- Bell, K.L., Kingston, A.E., Madden, P.J.** One-electron detachment from H^- in collisions with atomic hydrogen and helium 8-90265
- Bell, M.B., Seagquist, E.R.** Radio recombination line studies of M82 and other galaxies 8-93397
- Bell, M.J.** The Nuclear Regulatory Commission's low-level waste management program 8-94113
- Bell, P.M.** *see* Mao, H.K. 8-70150
- Bell, R.A.** *see* Dwivedi, P.H. 8-74701
- Bell, R.J., Dean, J.** P. Calculations of elastic moduli in silica glass 8-60696
- Bell, R.P.** Barrier permeabilities for an inverted Morse potential 8-66623
- Bell, R.S.** The forecasting of orographically enhanced rainfall accumulations using 10-level model data 8-69420
- Bell, S.** The effects of basis set and configuration interaction on the predicted geometries of AH_2 molecules 8-62715
- Bell, S.V.** *see* Marks, R.J., II. 8-78927
- Bell, T.F., Helliwell, R.A.** The Stanford University VLF wave injection experiment on the ISEE-A spacecraft 8-85806
- Bell, T.F.** *see* Inan, U.S. 8-89011
- Bell, T.L., Frisch, U., Frisch, H.** Renormalization group approach to noncoherent radiative transfer 8-65495
- Bell, T.N.** *see* Aoyagi, K. 8-55709
- Bell, W.L.** *see* Kenfield, T.A. 8-79636
- Bell, W.T., Zimmerman, D.W.** The effect of HF acid etching on the morphology of quartz inclusions for thermoluminescence dating 8-70240
- Bell Burnell, J.** Pulsars—radio and X-ray 8-69820
- Bell Burnell, S.J.** Little green men, white dwarfs, or what? 8-65644
- Bell-Burnell, S.J.** *see* Coe, M.J. 8-81707
- Bellamy, E.H.** *see* Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Bellani, P.M., Jong, K.L.** Effect of density fluctuations on lower hybrid resonance cone propagation 8-59583
- Bellani, P.M.** *see* Wong, K.L. 8-67343
- Bellani, V.F.** The measurement of displacement, deformations and vibrations by means of holographic interferometry 8-54337
- Bellavance, D.W.** *see* Reisinger, A.R. 8-66899
- Bellessa, G.** Frequency and temperature dependence of the sound velocity in amorphous materials at low temperatures 8-63812
- Bellessa, G.** *see* Doussineau, P. 8-75789
- Bellet, J.** *see* Dangoisse, D. 8-82719
- Bellet, J.** *see* Monnanteuil, N. 8-82718
- Belli, Y., Okada, M., Thomas, G., Homma, M., Kaneko, H.** Microstructure and magnetic properties of Fe-Cr-Co-V alloys 8-68221
- Bellicard, J.B., Cavendon, J.M., de Witt, P.K.A., Frois, B., Huet, M., Leconte, P., Huberts, Lapikas, L., Nakada, A., Phan Xuan Ho, Platchkov, S.K., Sick, I., de Vries, H.** Determination of valence nucleon orbits from elastic electron scattering 8-54669
- Bellini, G.** *see* Perneger, J. 8-50047
- Bellini, V., Emma, V., Lo Nigro, S., Milone, C., Pappalardo, G.S.** Fission fragment spectra measured by means of glass detectors 8-82399
- Bellissard, J., Frohlich, J., Gidas, B.** Soliton mass and surface tension in the $(\lambda|\phi|^4)_2$ quantum field model 8-58109
- Bellissent, R.** *see* Bizid, A. 8-51405
- Beliman, R., Vasnderan, R.** Quasi-linearization and the matrix Riccati equation 8-57871
- Belloccq, A.-M.** *see* Biais, J. 8-61055
- Bellomo, N.** The fluid dynamics of rarefied molecular flow over convex bodies: a new theory and applications 8-59424
- Belloso, A.** *see* Babini, G.N. 8-72758
- Bellotti, E., Fiorini, E., Negri, P., Zanotti, L.** A search for hadronic nuclear-parity violation with change of isospin 8-94018
- Bellotti, E., Fiorini, E., Zanotti, L.** Experimental limits on axion production and interaction cross sections, and decay rate 8-62387
- Bellotti, E.** *see* Alibrán, P. 8-50026
- Bellum, J.C., Kai-Shue Lam, George, T.F.** Penning ionization of Ar by He^+ ($1s2s, ^3S$) in the presence of intense laser radiation: Pronounced laser-modified collisional effects in the emitted-electron energy spectrum 8-90278
- Bellum, J.C.** *see* Lam, K.-S. 8-90275
- Bellyustin, N.S.** Linear wave transformation in the ionosphere and ion whistler formation 8-65449
- Belmont, A.D.** *see* Nastrom, G.D. 8-88878
- Belmont, C.F.** Development and selection of toners for electrostatic readout 8-70212
- Beloborodov, V.I.** *see* Shalashov, G.I. 8-53085
- Belobrov, A.V., Litvinenko, L.N., Prosvirnin, S.L.** Diffraction radiation of a filament moving near a metal band 8-66709
- Beloded, V.V., Danilenko, B.D., Likharev, K.K.** Mechanical properties of quenched and tempered high-speed steels 8-95782
- Belogolovskii, M.A.** *see* Svistunov, V.M. 8-52154, 8-56260, 8-60241, 8-91591
- Belogolovtsev, G.I., Lyannoi, N.N.** Cavity-type pulse light source for photolysis 8-87114
- Belogurov, V., Bilinkin, V.** Automated complex for information retrieval and processing in the gamma-resonance spectrometry 8-82091
- Belogurov, V.N., Bylinkin, V.A., Kalachev, P.I., Petrov, A.E.** Magnetic properties of small indium substitution manganese ferrites 8-91849
- Belokon', M.V.** *see* Adamushko, A.V. 8-70197
- Belokon, V.I.** *see* Afremov, L.L. 8-61404
- Belokoneva, E.L.** *see* Mill, B.V. 8-87654
- Belokoneva, E.L.** *see* Sidorov, P.M. 8-87653
- Belokoneva, E.L.** *see* Simonov, M.A. 8-71714, 8-79593, 8-87652
- Belon, A.E.** *see* Watkins, B.J. 8-65452
- Beloozerov, V.N.** *see* Akhmedov, S.Sh. 8-66714
- Belorizky, E., Casalegno, R.** Ground state configurations of a simple cubic array of pseudospins $S=1/2$ with anisotropic exchange between nearest neighbours 8-72340
- Belorizky, E.** *see* Berthier, Y. 8-80228
- Belorusov, A.V., Karchevskii, A.I.** High-speed vacuum rotational tap 8-57969
- Beloshitskii, V.V., Kumakhov, M.A.** Quantum theory of spontaneous and stimulated emission of channeled electrons and positrons 8-49999
- Beloshitskii, V.V., Kumakhov, M.A.** Effect of amplification of induced emission on a beam of channeled relativistic particles 8-83848
- Belostotskaya, N.S.** *see* Shapiro, L.Ya. 8-84747
- Belostotsky, S.L.** *see* Alkhazov, G.D. 8-70536
- Belot, Y.** *see* Quinault, J.M. 8-81387
- Belotserkovskii, S.M., Kachanov, B.O., Novitskii, V.V.** Synthesis and analysis of systems for the active control and suppression of flutter in aircraft 8-67079
- Belotskii, A.V.** *see* Mukha, I.M. 8-60616
- Belouet, C., Brissot, J.J., Martres, R., Ngo Tich Phuoc** Continuous polycrystalline silicon layers on carbon substrates 8-64490
- Belouet, C., Stacy, W.T.** X-ray topographic study of growth sector strains in KDP single crystals 8-91279
- Belous, A.G., Dem'yanov, V.V., Venetsev, Yu.N.** Dielectric spectra of crystalline lead germanate-silicate solid solutions 8-60406
- Belous, A.G.** *see* Gagulin, V.V. 8-76397
- Belous, L.M.** *see* Bulgakov, N.P. 8-85590
- Belous, V.A.** *see* Aksenov, I.I. 8-87439
- Belousov, A.V., Kovarskii, V.A., Sinyavskii, E.P.** Properties of light absorption by a quantum system interacting with nonequilibrium photons 8-88340
- Belousov, I.V.** *see* Oleinik, V.P. 8-79945
- Belousov, M.V., Pogarev, D.E.** Kramers-Kronig analysis of reflection spectra with preliminary dispersion analysis 8-49915
- Belousov, M.V., Vainrub, A.M., Vlasova, R.M., Semkin, V.N.** Infrared spectra of quasi-one-dimensional $CS_2(TCNQ)_3$ crystals 8-88309
- Belousov, O.K., Kornilov, I.I.** The lattice period and the crystallographic structure of the compound Ti_3Ga 8-55835
- Belousov, P.Ya., Dubnischev, Yu.N., Pavlov, V.A.** Velocimeter with an optical Doppler-frequency discriminator 8-81954
- Belousov, V.I.** *see* Bykovskii, Yu.A. 8-59631, 8-61097
- Belousov, V.S.** *see* Yasnukov, G.P. 8-65892
- Belousov, Yu.L.** *see* Kruchinin, Yu.D. 8-51424
- Belov, A.F., Milyaev, P.G., Dudenkov, V.M., Kudychov, V.G.** On the anomalous response of metals to a notch under superplastic conditions 8-52930
- Belov, A.V., Gur'yanov, A.N., Devyatykh, G.G., Dianov, E.M., Neustruev, V.B., Nikolaichuk, A.V., Prokhorov, A.M., Khopin, V.F., Yushin, A.S.** Glass-fiber waveguide with losses below 1 dB/km 8-50936
- Belov, A.V., Gur'yanov, A.N., Dianov, E.M., Neustruev, V.B., Yushin, A.S.** Radiation losses in glass fibre waveguides due to variations of the waveguide cross section 8-71226
- Belov, G.Ya.** Flat temperature waves in a semitransparent absorbing and scattering medium 8-90683
- Belov, I.A.** Circulation flow of an ideal liquid near walls 8-51173
- Belov, K.P.** Electric properties of the $CdCr_2Se_4$ compound doped with copper 8-72181
- Belov, K.P., Vasil'kovskii, V.A., Kovtun, N.M., Kupriyanov, A.K., Nikitin, S.A., Ostrovskii, V.F.** Change in the s-d exchange interaction integral due to hydrostatic compression of $Gd_2Y_{1-x}Fe_2$ intermetallic compounds 8-88199
- Belov, M.L., Orlov, V.M.** Influence of atmospheric turbulence on the scattering of waves by a surface 8-58915
- Belov, N.V., Gavrilova, G.S., Solov'eva, L.P., Khalilov, A.D.** The refined structure of lomonosovite 8-51520
- Belov, N.V., Tsinober, L.I., Balkirev, V.G., Kovalenko, V.S.** Silicification and the growth of quartz crystals 8-83763
- Belov, N.V.** *see* Gerasimov, V.I. 8-95040
- Belov, N.V.** *see* Golovastikov, N.I. 8-95036
- Belov, N.V.** *see* Karaev, K.Sh. 8-63750
- Belov, N.V.** *see* Karpov, O.G. 8-63738
- Belov, N.V.** *see* Koptsik, V.A. 8-79546
- Belov, N.V.** *see* Kozlova, O.G. 8-59796
- Belov, N.V.** *see* Malinovskii, Yu.A. 8-83800
- Belov, N.V.** *see* Mill, B.V. 8-87654
- Belov, N.V.** *see* Rumanova, I.M. 8-63737
- Belov, N.V.** *see* Sandomirskii, P.A. 8-63734, 8-63739
- Belov, N.V.** *see* Sidorov, P.M. 8-87653
- Belov, N.V.** *see* Simonov, M.A. 8-71714, 8-79593, 8-83801, 8-83804, 8-87652
- Belov, N.V.** *see* Sn'olin, YU.I. 8-95043
- Belov, N.V.** *see* Sokolov, Yu.A. 8-83805
- Belov, N.V.** *see* Sorokina, N.I. 8-83807
- Belov, N.V.** *see* Tarkhova, T.N. 8-67704
- Belov, N.V.** *see* Treushnikov, E.N. 8-67699, 8-95035
- Belov, N.V.** *see* Yakubovich, O.V. 8-83802
- Belov, N.V.** *see* Zvezdinskaya, L.V. 8-95010
- Belov, S.N.** Calculation of axial distribution of plasma parameters of a capillary discharge with evaporable wall 8-75280
- Belov, V.M.** *see* Leont'yev, A.I. 8-83370
- Belov, V.V., Glazov, G.N., Krekov, G.M.** The use of microwave-modulated laser radiation for determining the depth of a scattering layer from a distance 8-57338
- Belova, I.V.** *see* Baigozin, A. 8-59107
- Belova, L.T.** *see* Lyubeshkina, E.G. 8-68668
- Belova, N.S.** *see* Fesun, A.V. 8-84666
- Belovintsev, K.A.** *see* Bashnikov, Yu.A. 8-78525
- Belovitskii, G.E., Batusov, Yu.A., Sukhov, L.B.** Emission of conversion muons accompanying radiation free fission of uranium nuclei by muons 8-62587
- Belovol, V.S.** *see* Azhazha, V.M. 8-80588
- Belovolov, M.I., Bubnov, M.M., Gur'yanov, A.N., Devyatykh, G.G., Dianov, E.M., Pelipenko, V.I., Prokhorov, A.M., Sisakyan, I.N.** Investigation of optical-fibre systems for communication between computer units 8-71224
- Belovskii, M.N., Ochelkov, Yu.P.** The direction pattern of the microwave radio flares of the Sun 8-85927
- Belozero, L.G., Kireev, V.A.** Determining the bearing capacity of designs formed from composite materials subject to intense surface heating 8-67057
- Belserens, E.P.** The Universe: Open or closed? 8-77652
- Belsher, D.R.** *see* Ellerbruch, D.A. 8-53740
- Belt, B.D.** *see* Holland, R.E. 8-78310
- Beltukova, S.V.** *see* Kononenko, L.I. 8-84653
- Belton, M.J.S.** *see* Anderson, J.L. 8-57479
- Beltowska-Lehman, E.** *see* Riesenkauf, A. 8-64488
- Beltrametti, E.G.** *see* Cassinelli, G. 8-54237
- Beltrami, I.** *see* Eicoler, R. 8-66695
- Beltran, J.** *see* Lambies, V. 8-56607
- Belts, D.S.** *see* Saunders, J. 8-56015
- Beltzer, A.** The influence of random porosity on elastic waves propagation 8-90552
- Belugina, N.V.** *see* Taraskin, S.A. 8-67737
- Belwal, R.** *see* Joshi, J.C. 8-80394
- Belwal, R.** *see* Tripathi, H.B. 8-76510
- Belyaev, A.A.** Differential method of determining specific heat and thermal conductivity of solids 8-57952
- Belyaev, A.D., Machulin, V.F., Baisa, D.F., Bondar, A.V.** Residual conductivity and residual photoabsorption of ultrasound in pyrryrite 8-72465
- Belyaev, A.D., Machulin, V.F., Baisa, D.F., Bondar, A.V., Gordon, A.Ya.** Residual conductivity and low-temperature phase transitions in proustite crystals 8-91729
- Belyaev, A.V.** *see* Starovoirov, E.M. 8-74789
- Belyaev, B.V., Kara-Murza, S.V., Rombakh, V.P.** Piezoelectric properties of Tl_2TaS_4 semiconducting crystal 8-72464

- Belyaev, L.M.**, Gil'varg, A.B., Mikhailov, Yu.A., Pikuz, S.A., Sklizkov, G.V., Faenov, A.Ya., Fedotov, S.I. Recording of X-ray spectra with one- and two-dimensional spatial resolution by means of a spherical crystal analyser 8-74114
- Belyaev, L.M.**, Grekov, A.A., Zaks, P.L., Lyakhovitskaya, V.A., Popovkin, B.A., Protchenko, N.P., Spitsyna, V.D., Syrkin, L.N., Tatarenko, L.N., Feoktistova, N.N. Antimony sulphohalide piezoelectric materials for electroacoustic transducers 8-52445
- Belyaev, L.M.** see Abdullaev, A.A. 8-72525
- Belyaev, R.A.** see Andryushin, A.I. 8-63887
- Belyaev, S.V.** Electrohydrodynamic instability with an isotropic mechanism in cholesteric liquid crystals 8-87617
- Belyaev, V.A.** see Kolmogorov, V.L. 8-52907
- Belyaev, V.B.**, Reinhard, H. A model of elastic scattering of pions on the lightest nuclei 8-89918
- Belyaev, V.B.**, Wrzcionko, J. Approximate four-particle equations for π -nuclear scattering 8-86554
- Belyaev, V.M.** see Popov, V.N. 8-94819
- Belyaev, V.S.**, Gezentsvei, A.N. On shear instability of internal waves in the ocean 8-69352
- Belyaev, Yu.N.**, Kuznetsov, S.P., Novikov, M.A. Electrooptical gate for nonpolarized emission 8-59132
- Belyaeva, A.A.**, Dvorkin, M.I., Shcherba, L.D. Letter to the editor [comment on low-frequency infrared spectra of K_2SO_4 , Rb_2SO_4 and Cs_2SO_4 molecules isolated in matrices of inert gases] 8-50547
- Belyaeva, A.I.**, Stel'makhov, Yu.N., Potakova, V. Visual investigation of spin reorientation in $DyFeO_3$ near the Morin temperature 8-68284
- Belyaeva, A.I.** see Silaev, V.I. 8-77922, 8-81980, 8-86327
- Belyaeva, S.D.** Stability of unperturbed motion of an axisymmetric rigid body in air 8-86146
- Belyaeva, S.D.** Stability of flight of a free rigid body near the Earth's surface 8-89048
- Belyaeva, V.I.** see Kuznetsov, V.M. 8-80181
- Belyak, V.I.** 'Metallic' reflection for optical potentials 8-82329
- Belyakina, T.S.**, Burnashev, V.I., Zhilin, V.M. Photometric and spectroscopic observations of spectral binary ξ And in 1974 8-57588
- Belyakov, A.I.** see Kiparisov, S.S. 8-52731
- Belyakov, L.N.**, Cherkis, Yu.Yu., Fomenko, G.D., Zhegina, I.P. Nitriding of low-carbon martensitic stainless steels 03Kh11N10M2T and 03Kh12N10MT 8-85045
- Belyakov, M.A.**, Terent'ev, E.P. α -radiation measurement of beryllium coating thickness 8-82600
- Belyakova, V.M.**, Vuks, M.F., Rapoport, V.L. Luminescent-probe study of the structure of alcohol-water solutions 8-84636
- Belyanin, E.E.**, Dulitskii, R.B., Kaban, V.V. On the errors of a gyrohorizon with contact correction in swinging 8-62194
- Belyanskii, G.G.**, Bologa, M.K., Volynets, A.Z., Zafirin, E.Ya. Sublimation of a UHF electromagnetic field 8-83936
- Belyatskaya, I.S.** see Vintaikin, E.Z. 8-68694
- Belyavina, N.N.**, Markiv, V.Ya. The Hf-Co-Ga system 8-84772
- Belyavskii, V.I.** Photoionization cross section of deep impurity centres in semiconductors with highly anisotropic bands 8-56510
- Belyavskii, V.I.** see Postnikov, V.S. 8-52757
- Belyi, I.M.**, Komarov, F.F., Tishkov, V.S., Yankovskii, V.M. Formation of chemical compounds during ion bombardment of thin films of Ta, Ti, Nb transition metals 8-95084
- Belyi, V.A.**, Barkan, A.I., Rodchenko, D.A., Yurkevich, O.R. Adhesion of filled polytetrafluoroethylene 8-53183
- Belyi, V.A.**, Sviridyonok, A.I., Smurugov, V.A., Nevzorov, V.V. Adhesive wear of polymers 8-56781
- Belyi, V.E.**, Shcherbinskii, V.G. A nomogram for determining the damping coefficient of transverse waves 8-56867
- Belyi, V.N.** see Lugina, A.S. 8-71153
- Belyi, V.V.**, Klimontovich, Yu.L. Kinetic fluctuations in a partially ionized plasma and in chemically reacting gases 8-59552
- Belykh, I.G.** see Bagdasaryan, Kh.S. 8-55877
- Belykh, N.V.** see Popov, Yu.A. 8-72994
- Belysev, L.M.** see Perekalina, Z.V. 8-95569
- Belyskiy, N.K.** see Marenkin, S.F. 8-88416
- Belytschko, T.B.**, Kennedy, J.M. Computer models for subassembly simulation 8-70612
- Belytschko, T.B.** see Kulak, R.F. 8-70613
- Belytschko, T.B.** see Marchertas, A.H. 8-74448
- Belyus, L.M.** see Kalugin, V.D. 8-60918
- Belyi, V.V.**, Vazherkin, V.A., Lazo, B., Lois, L., Lobachevskiy, L.A., Novikov, V.D., Sergeyenko, O.S. Some results of a study of the dynamics of the high-latitude ionosphere by the Doppler method 8-73569
- Bel'zer, L.I.** see Azaryan, M.O. 8-70366
- Bemalkhedkar, M.M.** see Shah, G.N. 8-96367
- Bemer, G.G.** A simple light backscatter technique to determine average particle size and concentration in a suspension 8-85214
- Bemis, C.E., Jr.** see Kramer, S.D. 8-70802
- Ben Nasr, H.** see Haase, R. 8-91464
- Ben Uri, J.** Holography-a different approach 8-90400
- Ben-Aryeh, Y.** Molecular ionization by absorption of spontaneous emission 8-74721
- Ben-Aryeh, Y.** Multi-photon absorption in the quasicontinuum of molecules of the type of SF_6 8-90247
- Ben-Avraham Zvi** see Zvi Ben-Avraham
- Ben-Dor, L.**, Shilo, I., Felner, I. Magnetic, structural, and Mossbauer effect study of $MnGd_2S_4$ 8-51507
- Ben-Dor, L.**, Shimony, Y. Structure and physical properties of the system $Nb_xCr_{1-x}O_2$ 8-52198
- Ben-Menahem, A.** Source mechanism of the 1906 San Francisco earthquake 8-85499
- Ben-Naim, A.** Standard Thermodynamics of transfer. Uses and misuses 8-76899
- Ben-Naim, A.** A simple model for demonstrating the relation between solubility, hydrophobic interaction and structural changes in the solvent 8-83705
- Ben-Shaul, A.**, Kompa, K.L. A note on quasiequilibrium vibrational distributions of polyatomic molecules 8-58786
- Ben-Yosef, N.**, Rose, A. Spectral response of the human eye 8-92630
- Benacchio, L.** see Barbon, R. 8-54045
- Benard, D.J.**, McDermott, W.E., Pchelkin, N.R. An observation concerning the radiative lifetime of the O_4^* van der Waals complex 8-58741
- Benard, D.J.**, Pchelkin, N.R. Measurement of $O_2(^1\Delta)$ content in the gaseous effluents of a chemical generator 8-76970
- Benard, D.J.**, Slafer, W.D. Laser induced fluorescence spectra of KMg 8-74692
- Benard, D.J.**, Slafer, W.D., Hecht, J., Lee, P.H. Experimental investigations and gain measurements of Alkaline earth catalyzed N_2O+CO flames 8-66815
- Benard, D.J.** see McDermott, W.E. 8-55347
- Benard, D.J.** see Slafer, W.D. 8-63109, 8-63162
- Benard, J.**, Helmy El Mynywai, N., Nguyen Tuong Viet Reduction of RF losses at 35 GHz in high purity copper resonant cavities by cooling to cryogenic temperature 8-93761
- Benarie, M.**, Detric, P. Assessment of an OECD study on long range transport of air pollutants (LRTAP) involving some aspects of air chemistry 8-81391
- Benarie, M.** see Chuong, B.T. 8-81378
- Benarie, M.M.** (editor) Proceedings of the 13th International Colloquium on Atmospheric Pollution 1978 8-81373
- Benassi, A.** Dirichlet stochastic problem 8-89406
- Benassi, A.** see Balocchi, R. 8-80964
- Benavente, J.** see Besson, J. 8-89461
- Benayoun, J.J.** see Chauvin, J. 8-89803
- Benayoun, J.J.** see Durand, J.L. 8-93997
- Benbow, R.L.**, Hurych, Z. Vacuum ultraviolet-photoemission study of some sodium tungsten bronzes, Na_xWO_3 8-84700
- Benbrook, J.R.** see MacLennan, C.G. 8-81507
- Bence, A.E.** see Schweitzer, E.L. 8-88828
- Bencini, A.**, Peccerillo, A. K, Rb and Sr distribution in calc-alkaline rocks from Eastern Carpathians 8-85555
- Bencivelli, W.** see Balocchi, R. 8-80964
- Benco, C.**, Rabach, G. Determination of SLOT permeance by numerical evaluation of the magnetic field with SLOR iterative methods 8-86987
- Bencome, J.** see Haus, A.G. 8-69193
- Bencze, G.** General algebraic treatment of identical particles in scattering processes 8-81891
- Bencze, G.**, Redish, E.F. General algebraic theory of identical particle scattering 8-86185
- Benczer-Koller, N.**, Hass, M., Brennan, J.M., King, H.T. Systematic measurements of magnetic moments of 2_1^+ states in even nuclei 8-54682
- Benczer-Koller, N.** see Collins, G.S. 8-56412
- Benczer-Koller, N.** see Goldring, G. 8-66240
- Benczer-Koller, N.** see Hass, M. 8-66202
- Bendat, J.S.** see Romberg, T.M. 8-83179
- Bendazzoli, G.L.**, Fano, G., Ortolani, F. A fast CI method for closed shells 8-90090
- Bendelian, N.A.** see Alikhanov, R.A. 8-52212
- Bender, C.**, Hazi, A., Orel, A., Rescigno, T., Winter, N. Theoretical studies involving Candidate Group VIA laser systems 8-59002
- Bender, C.F.**, Winter, N.W. Theoretical absorption spectra of ArKr 8-74568
- Bender, C.F.** see Rescigno, T.N. 8-55149
- Bender, C.M.**, Eguchi, T., Pagels, H. Gauge-fixing degeneracies and confinement in non-Abelian gauge theories 8-54545
- Bender, D.J.** Measurement of vibrational population distributions in a supersonic expansion of carbon monoxide 8-71364
- Bender, D.J.** see Vosen, S.R. 8-66380
- Bender, I.**, Gromes, D., Rothe, H.J., Rothe, K.D. Effects of barrier penetration on energy spectrum and wave functions in the path integral formalism 8-62117
- Bender, M.L.** see Schilling, J.-G. 8-65342
- Bender, O.**, Schroeder, K. Influence of diffusion on Mossbauer line broadening 8-84510
- Benderskaya, S.L.** see Shul'man, Z.P. 8-59371
- Benderskii, V.A.**, Babenko, S.D., Krivenko, A.G. Investigation of the charge relaxation in the double layer by a thermal jump 8-53216
- Benderskii, V.A.**, Brikenshtein, V.Kh., Lavrushko, A.G., Filippov, P.G. Non-linear fluorescence quenching in molecular crystals. I. Recombination of localized excitons 8-52562
- Benderskii, V.A.**, Brikenshtein, V.Kh., Lavrushko, A.G., Filipov, P.G., Yatsenko, A.V. Matrix fluorescence due to optical pumping of upper excited states of tetracene doped anthracene crystals 8-76512
- Bendinelli, O.**, Lorenzutta, S. Image restoration by a regularisation method: application to seeing integrated profile 8-93124
- Bendinelli, O.**, Parmeggiani, G., Lorenzutta, S. Photoelectric scanning of globular clusters. I. The inner structure of M3 8-93343
- Bendiscoli, G.**, Rizzini, E.L., Rotondi, A., Venaglioni, A. Elastic scattering at small angles of protons 8-94002
- Bendjaballah, N.** see Nomura, T. 8-89927
- Bendow, B.**, Lipson, H.G., Yukon, S.P. Studies of multiphonon infrared absorption in highly transparent semiconducting crystals 8-60461
- Bendow, B.** see Yukon, S.P. 8-55458
- Bendun, E.O.K.** see Clark, G.H. 8-65416
- Bene, G.J.** Non-resonant RF excitation on magnetic nuclei at low frequencies 8-76326
- Bene, G.-J.**, Borcard, B., Ducommun, E., Hiltbrand, E., Magnin, P., Secheyre, R. Proton nuclear magnetic resonance relaxation in pleural liquids in weak fields. Application to medical diagnosis 8-73187
- Bene, J.E.** Del see Del Bene, J.E.
- Bene, R.W.** see Schaffer, W.J. 8-91562
- Benech, A.** see Badellon, D. 8-81382
- Benecke, J.**, Kuhn, J. How to see independent emission in hadronic production 8-82141
- Benedek, G.** Surface lattice dynamics of potassium halides by a Green function method 8-71936
- Benedek, G.**, Garbassi, F., Petrini, G., Parravano, G. Study of the equilibrium surface composition of $Co_{1-x}Fe_{2x}O_4$. I. Cation composition with stoichiometric oxygen content 8-79867
- Benedek, G.**, Garbassi, F., Petrini, G., Parravano, G. Study of the equilibrium surface composition of $Co_{1-x}Fe_{2x}O_4$. II. The role of vacant and chemisorbed oxygen and charge transfer effect 8-79868
- Benedek, G.**, Pollini, I., Spinolo, G. The vibrational structure in the crystal field electronic transitions of layered 3d metal halides 8-59895
- Benedek, R.** Pseudopotential calculation of the screening of a helium atom in aluminium 8-51917
- Benedek, R.** Lattice statics calculations of the surface relaxation in metals 8-63925
- Benedek, R.** see Averback, R.S. 8-79637
- Benedek, R.** see Sabelli, N.H. 8-58610
- Benedetti, R.**, Colombo, T., Strumia, F. Line selection in a waveguide, high pressure CO_2 laser 8-59026
- Benedetti, R.**, Di Lieto, A., Inguscio, M., Minguzzi, P., Strumina, F., Tonelli, M. Frequency modulation of a far infrared CH_3F laser by Stark effect 8-59056
- Benedict, B.A.** A near-field model for dissolved oxygen and other water quality parameters 8-81261
- Benedict, G.** see Diels, J.-C. 8-50830
- Benedict, G.F.**, Shelus, P.J., Mulholland, J.D. Astrometric observations of the faint satellites of Jupiter and minor planets 1974-1977 8-89107
- Benedict, G.L., III.**, Walker, K.R. Paleobiostratigraphic analysis in paleozoic sequences and its geodynamic significance. [East Tennessee] 8-69341
- Benedict, R.P.** Fundamentals of temperature, pressure and flow measurements, 2nd edition 8-81941
- Benedict, U.** The solubility of solid fission products in carbides and nitrides of uranium and plutonium. II. Solubility rules based on lattice parameter differences 8-59953
- Benedict, U.**, Dufour, C., Scholten, O. Lattice parameter variation of PuC, PuN, and Pu(C,N) between 50 and 300K 8-51709
- Benedict, U.**, Richter, K., Walker, C.T. Solubility study in the systems PuC-ZrC and PuC-TaC 8-83956
- Benedict, W.S.** see Rothman, L.S. 8-85691

- Benediktov, E.A.**, Vyakhirev, V.D., Goncharov, N.P., Grishkevich, L.V., Ivanov, V.A. Electron density variations in the ionospheric D-region 8-61652
- Benediktov, Ye.A.**, Bryantsev, V.F., Bukin, G.V. Some characteristics of the propagation of echo signals 8-69574
- Benediktov, Ye.A.** *see* Belikovitch, V.V. 8-69568
- Benegas, J.** *see* Marchi, E. 8-85288
- Benenati, R.** *see* Fillo, J.A. 8-54899, 8-58460
- Benenson, D.M.** *see* Wang, S.Y. 8-67427
- Benenson, R.E.** *see* Sexton, E.H. 8-54759
- Benenson, W.**, Kashy, E., Ledebuhr, A.G., Pardo, R.C., Robertson, R.G.H., Robinson, L.W. T=3/2 levels in ^{15}F and ^{15}O 8-78264
- Benenson, W.** *see* Crawley, G.M. 8-50158
- Benenson, W.** *see* Decowski, P. 8-74362
- Benenti, S.** Integration by separation of variables of second order linear partial differential equations of interest to mathematical physics 8-81798
- Benenti, S.**, Tulczyjew, M. On the existence of the potential function for mechanical systems with non-holonomic constraints 8-86128
- Benes, V.**, Macek, K., Pluhar, J., Zuna, P. Effect of soaking at forging temperature on the structure and selected mechanical properties of a steel 1Cr17Ni2 8-64628
- Benesch, W.**, Jones, C.C., Beiting, E.J., III, Feldman, P.D. High-resolution electronic emission spectrum of molecular nitrogen at 15300 Å 8-66549
- Benesch, W.** *see* Beiting, E.J., III 8-58691
- Benesch, W.** *see* Jones, C.C. 8-58690
- Benesh, G.A.** *see* Ellis, D.E. 8-67973
- Benesh, M.** Viking Orbiter stereophotogrammetry 8-77493
- Beneslavskii, S.D.**, Ziep, O. Hot electrons in zero-gap semiconductors with non-parabolic electronic band structure 8-76080
- Beneteau, A.**, Coulomb, P. Measure of the stacking fault energy of FCC metals and alloys by tensile deformation of polycrystalline samples 8-95060
- Benettin, G.**, Strelcyon, J.-M. Numerical experiments on the free motion of a point mass moving in a plane convex region: stochastic transition and entropy 8-54288
- Beneventano, M.** *see* Amaldi, E. 8-78222
- Benezech, G.** *see* Miribel, J. 8-89997
- Benfatto, G.**, Cassandro, M., Gallavotti, G., Nicolo, F., Olivieri, E., Presutti, E., Scaciatelli, E. Some probabilistic techniques in field theory 8-49952
- Bengtson, A.** *see* Alvarez, E. 8-78666
- Bengtson, B.**, Moszynski, M. Study of primary energy transfer process in ultrafast plastic scintillators 8-90026
- Bengtsson, R.**, Berggren, T., Gustafsson, Ch. DWIA analysis of quasifree proton-proton scattering in nuclei at intermediate energies 8-62541
- Bengtsson, R.**, Hamamoto, I., Ibarra, R.H. The cranking moment of inertia in a static potential 8-70437
- Bengtsson, R.** *see* Hakaansson, H.-B. 8-93999
- Benguigui, L.** Dielectric permittivity in the smectic A phase of liquid crystals 8-71673
- Benguigui, L.**, Cabib, D. Determination of the tilt angle in the smectic C phase of bis-(heptyloxy)-azobenzene by means of dielectric measurements 8-63673
- Benguigui, L.**, Cabib, D. Dielectric properties of smectic phases of liquid crystals 8-91226
- Benguigui, L.**, Lin, I.J. Experimental analysis of dielectrophoretic forces 8-64892
- Bengus, V.Z.** On bubble formation mechanism in liquid helium on the surface of deformed crystals. [Acoustic emission of plastically deformed crystal] 8-85066
- Benham, D.G.**, Mellanby, K. A device to exclude dust from rainwater samples 8-73548
- Beni, G.**, Rice, T.M. Theory of electron-hole liquid in semiconductors 8-87914
- Beniere, F.** Transport phenomena in ionic crystals 8-55976
- Beniere, F.**, Agrawal, V.K. The distribution of phosphorus and gold in neutron irradiated silicon 8-79627
- Beniere, F.**, Reddy, K.V., Kostopoulos, D., Le Traon, J.Y. Electromigration and diffusion in thin films: A new technique 8-67852
- Benilan, P.** Existence of strong solutions for the equation of porous media 8-62084
- Benioff, P.** A note on the Everett interpretation of quantum mechanics 8-86175
- Benioff, P.A.** Ab initio calculations of the vertical electronic spectra of NO_2 , NO_2^+ , and NO_2^- 8-66538
- Benisek, M.H.** *see* Cantrak, S.M. 8-91023
- Benjamin, M.K.** *see* Razelos, P. 8-75047
- Benjamin, R.F.**, Goldstone, P.D., Carpenter, J.P. Recent advances in high-resolution alignment techniques at 10.6 μM 8-59073
- Benjamin, R.F.**, White, L. Measurement of alignment accuracy for laser fusion experiments 8-55731
- Benkert, J.**, Raes, K.-H., Stegemann, D. Theoretical and experimental determination of thermocouple transfer functions 8-49827
- Benko, I.** Properties of infrathermograms and their evaluation 8-65922
- Benko, I.** *see* Kiss, L. 8-65924
- Benko, S.** Approximating the demagnetization curves of hard magnetic materials with one function along their whole length 8-60307
- Benn, J.E.** *see* Thomann, Ch. 8-62423, 8-78379
- Bennaceur, R.** Characterisation of phosphorus doped silicon by infrared reflectivity 8-56501
- Bennani, A.**, Lahmam *see* Lahmam Bennani, A.
- Benndorf, C.**, Egert, B., Keller, G., Thieme, F. The initial oxidation of Cu (100) single crystal surfaces: An electron spectroscopic investigation 8-64782
- Benndorf, C.**, Goetz, R., Gressmann, K.-H., Kessler, J., Thieme, F. SIMS, AES, work function and flash desorption measurements of the CO adsorption on NiCu alloys surfaces 8-87875
- Benнемann, K.H.** *see* Holz, A. 8-51893
- Benнемann, K.H.** *see* Maron-Lopez, J.L. 8-95747
- Benнемann, K.H.** *see* Moran-Lopez, J.L. 8-76924, 8-95511
- Benнемann, K.H.** *see* ten Bosch, A. 8-79930
- Benner, H.** Experimental evidence for spin diffusion in the quasi-two-dimensional Heisenberg paramagnet ($\text{C}_2\text{H}_5\text{NH}_2$) MnCl_2 8-88129
- Benner, R.E.** *see* El-Hang Lee 8-76927
- Bennett, A.M.**, Dillon, H.S. Applications of telecommunications technology to the delivery of primary health care for isolated rural areas 8-57122
- Bennett, C.L.**, Fulbright, H.W. Alpha particle transfer in the interacting boson approximation 8-78258
- Bennett, C.L.**, Ross, G.F. Time-domain electromagnetics and its applications 8-71010
- Bennett, C.L.** *see* Chung, W. 8-74314
- Bennett, D.W.** *see* Moorhouse, T.J. 8-93965
- Bennett, E.B.** *see* Bukata, R.P. 8-96244
- Bennett, F.D.G.** *see* Dickinson, P.H.G. 8-65451
- Bennett, G.T.** *see* Lofthouse, J.H. 8-77340
- Bennett, H.E.** Reduction of stray light from optical components 8-59114
- Bennett, H.E.** *see* Decker, D.L. 8-79098
- Bennett, H.S.**, Kayser, R., Jr. Transient heat flow to a liquid fuel droplet in combustion gases 8-63507
- Bennett, H.S.**, Rosasco, G.J. Heating microscopic particles with laser beams 8-50838
- Bennett, H.S.** *see* Kayser, R., Jr. 8-94586
- Bennett, J.A.** Catalogue of the archives and manuscripts of the Royal Astronomical Society 8-69705
- Bennett, J.A.**, Dyson, P.L. On the relation between phase path, group path and attenuation in a cold absorbing plasma 8-59571
- Bennett, J.A.** *see* Birge, R.R. 8-64934
- Bennett, J.E.** *see* Augis, J.A. 8-92239
- Bennett, J.G.**, Sladek, R.J. Ultrasonic velocities in $(\text{Ti}_{1-x}\text{V}_x)_2\text{O}_3$ in high magnetic fields 8-84262
- Bennett, J.M.** *see* Decker, D.L. 8-79098
- Bennett, J.W.**, Horton, K.E. Materials requirements for liquid metal fast breeder reactors 8-50256
- Bennett, K.** *see* Swanenburg, B.N. 8-93454
- Bennett, L.H.** *see* Watson, R.E. 8-68434
- Bennett, M.** Vertex corrections in a nearly-free-electron model 8-72054
- Bennett, M.** *see* Inkson, J.C. 8-56068
- Bennett, M.** *see* Yonkosky, D. 8-80926
- Bennett, M.B.**, Slack, C.M., III Design of a curved-face parametric projector 8-51032
- Bennett, R.G.**, Golay, M.W. Interferometric investigation of turbulently fluctuating temperature in an LMFBR outlet plenum geometry 8-89943
- Bennett, S.C.** *see* Syed, A.A. 8-63237
- Bennett, S.J.**, Cerez, P. Hyperfine structure in iodine at the 612-nm and 640-nm helium-neon laser wavelengths 8-66871
- Bennett, S.J.** *see* Cerez, P. 8-90429
- Bennett, V.**, Smith, J. Aspheric generation by sputtering techniques 8-59168
- Bennett, W.H.** *see* Copeland, R.L. 8-58506
- Bennett, W.R.**, Jr. *see* Wik, T. 8-50487
- Benninghoven, A.**, Ganschow, O., Steffens, P., Wiedmann, L. Static AES—the adequate mode of AES for surface reaction and sub-monolayer adsorption studies 8-84685
- Benninghoven, A.**, Ganschow, O., Wiedmann, L. Quasimultaneous SIMS, AES, and XPS investigations of the oxidation of Mo, Ti, and Co in the monolayer range 8-72919
- Benninghoven, A.**, Muller, K.H., Schemmer, M., Beckmann, P. SIMS and flash desorption studies of nickel oxygen interaction 8-76568
- Benninghoven, A.** *see* Wiedmann, L. 8-53293
- Bennion, D.N.** *see* Sinha, M. 8-64883
- Benodekar, R.W.**, Date, A.W. Numerical prediction of heat-transfer characteristics of fully developed laminar flow through a circular channel containing rod clusters 8-75140
- Benodekar, R.W.**, Date, A.W. Finite difference procedure for solution of Poisson equation over complex domains with Neumann boundary conditions 8-79189
- Benoist, P.**, Boffi, V.C., Grandjean, P., Kavenoky, A., Molinari, V.G., Siewert, C.E., Spiga, G. On several good methods for computing the distortion factor relevant to a foil placed in an exponentially varying flux 8-89930
- Benoist-Gueutal, P.**, L'Huillier, M., Redish, E.F., Tandy, P.C. Proof of the Benecze-Redish-Sloan equations 8-78330
- Benoit, A.**, Flouquet, J., Ribault, M., Chapellier, M. The cerium ground state in the intermetallic compounds Al_2Ce , Al_3Ce at very low temperature 8-67999
- Benoit, A.** *see* Ribault, M. 8-64280
- Benoit, C.** *see* Almairac, R. 8-79684
- Benoit, C.** *see* Sauvajol, J.L. 8-56471, 8-64369
- Benoit, H.** *see* Dondos, A. 8-67844
- Benoit, J.P.**, Cao Xuan An, Luspiny, Y., Chapelle, J.P., Lefebvre, J. Study of inelastic neutron scattering and by the Raman effect, of the soft mode in the prototype phase of Hg_2Cl_2 8-91411
- Benoit, P.** Static interruptor for an integrated circuit 8-73984
- Benoric, A.R.** Laser mounting procedure 8-82982
- Benos, D.J.**, Mandel, L.J. Irreversible inhibition of sodium entry sites in frog skin by a photosensitive amiloride analog 8-69030
- Benot, M.**, Carlson, P.J., Tavernier, S., Van Den Bogaert, F., Henri, V.P., Herquet, P., Kesteman, J., Pingot, O., Johansson, K.E., Norrby, J., Lagnaux, J.P. Tests of large Cerenkov detectors with silica aerogel as radiator 8-86731
- Benovic, D.**, Usacev, S., Oravec, J. The resolution of corona counters 8-90018
- Bensahel, D.** *see* Katircioglu, B. 8-87697
- Bensammar, S.** Statistical properties of atmospheric emission in the infrared. II. Sky noise correlation 8-53725
- Bensammar, S.**, de Batz, B., Perrier-Dampierre, F. Statistical properties of atmospheric emission in the infrared. I. Instrumentation and observations 8-53731
- Benski, C.** *see* Teisseron, G. 8-60364
- Benski, H.C.** Restoration of weak phase objects from electron microscopy 8-58098
- Benson, A.K.** Self-consistent selection of a superconducting representation for the BCS model 8-88067
- Benson, B.A.** *see* Koh, J.C. 8-91008
- Benson, F.C.** *see* Barradas, R.G. 8-51842, 8-51843
- Benson, J.P.**, Edmonds, D.V. Effect of microstructure on fatigue in threshold region in low-alloy steel 8-56757
- Benson, J.P.**, Edmonds, D.V. The influence of a fine-scale precipitate dispersion on cleavage fracture in low alloy steels 8-60788
- Benson, J.P.**, Edmonds, D.V. The relationship between the parameters C and m of Paris' law for fatigue crack growth in a low-alloy steel 8-92343
- Benson, R.S.** Steady and non-steady flow through an I.C. engine inlet valve with heat transfer 8-59390
- Benson, S.V.** *see* Gollub, J.P. 8-94685
- Benson, W.W.**, Mackenzie, D.R., Rich, T.C., Camlibel, I. Fiberguide to metal hermetic seal 8-83120
- Bensussan, A.**, Salome, J.M. GELINA: a modern accelerator for high resolution neutron time of flight experiments 8-90002
- Bentham, H.** *see* van Bentham, H.
- Bentini, G.G.** *see* Camera, A. 8-67760
- Benton, E.V.** *see* Cassou, R.M. 8-94170
- Benton, S.A.** (editor) Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.120. Three-Dimensional Imaging 8-78971
- Bentz, B.L.** *see* Bruhn, C.G. 8-61075
- Bentz, J.** *see* Nir, S. 8-77006
- Benuzzi, A.**, Fasolistella, P. REXCO-EUR code user's manual 8-58349
- Benveniste, Y.**, Aboudi, J. A nonlinear mixture theory for the dynamic response of a laminated composite under large deformations 8-56717
- Benveniste, Y.**, Aboudi, J. A 2-dimensional mixture theory for biaxially fiber reinforced composites with application to dynamic crack problems 8-87301
- Benvenuti, A.**, Bobist, F., Cline, D., Cooper, P.S., Gilchriese, G.D., Heagy, S.M., Imlay, R., Johnson, M., Ling, T.Y., Lundy, R., Mann, A.K., McIntyre, P., Mori, D., Reeder, D.D., Rich, J., Stefanski, R., Winn, D.R. Evidence for the production of prompt like-sign dimuon events by high-energy neutrinos 8-82196
- Benvenuti, A.** *see* Wanderer, P. 8-66073
- Benvenuti, P.** *see* Bogges, A. 8-96383
- Benvenuti, P.** *see* Boksenberg, A. 8-96540

- Beny, J.M.**, Sombret, B., Wallart, F., Leclercq, M. Raman rapid scanning experiments and applications 8-62242
- Benz, A.O.** *see* Berney, M. 8-61823
- Benz, P.** *see* Singh, J. 8-93910
- Benz, R.** Equilibria in the Mn-Zr-S system 8-72764
- Benza, S.M.** *see* Okhov, B.V. 8-89544
- Benzel, M.** *see* Ohlmeyer, M. 8-61543
- Benzi, R.**, Martinelli, G., Parisi, G. High temperature expansion without lattice 8-58124
- Benziger, J.**, Madix, R.J. CO/H₂ surface complex on W(100) 8-73083
- Bera, N.D.** *see* Krasovskii, A.Ya. 8-80645
- Bera Sandhi Kumar** *see* Sandhi Kumar Bera
- Berakha, R.Ya.** Construction of the model of a mechanical system imitating the acoustic properties of the human mastoid 8-80886
- Beran, D.W.**, Hooke, W.H., Little, C.G., Coons, F. Airport weather service: Some future trends 8-53694
- Beran, M.J.**, Whitman, A.M. Scattering in the depth direction from a quadratic sound channel 8-83136
- Beran, M.J.** *see* Whitman, A.M. 8-79152
- Beranbaum, E.** *see* Dobrin, R. 8-69205
- Beranek, J.** *see* Pekarek, L. 8-79426
- Beranek, L.L.** *see* Starr, E.A. 8-83189
- Berant, Z.**, Tenenbaum, J., Wolf, A., Moreh, R. Study of the energy levels of ⁹³Nb and ¹²³Sb using nuclear photoexcitation 8-93940
- Barar, J.F.** *see* Calvarin, G. 8-79788
- Barar, J.F.** *see* Weigel, D. 8-55824
- Barar, J.-F.**, Calvarin, G. Energetic study of the molecular configuration in the disordered phase of ferrocene, Fe(C₅H₅)₂ 8-83732
- Barar, J.-F.** *see* Clech, G. 8-63749
- Berard, J.** *see* Hallbauer, D.K. 8-81431
- Beraud, R.** *see* Genevey-Rivier, J. 8-62484
- Berberian, J.G.** *see* Hayden, J.S. 8-70161
- Berceanu, I.**, Petrascu, M., Simion, V. Evaluation of solid angle and self-absorption factors by Monte-Carlo method 8-58526
- Bercha, D.M.** *see* Zayachkovskii, M.P. 8-80125
- Bercovier, M.**, Pironneau, O. Error estimates for the solution of the Stokes problem with conforming Lagrangian finite elements 8-62085
- Berdahl, C.M.** *see* Reid, M.S. 8-88946
- Berdermann, E.** *see* Backe, H. 8-50197
- Berdichevskii, E.G.** *see* Glushenkov, A.P. 8-60915
- Berdichevskii, V.L.** On the principles of momentless shell theory 8-51075
- Berdichevskii, V.L.** Energy methods in some problems on the attenuation of solutions 8-65753
- Berdichevskii, V.L.** High-frequency long-wave vibrations of plates 8-83321
- Berdikov, V.F.**, Babanin, A.V. Rating capability of abrasive materials for elastic deformation 8-56680
- Berdikov, V.V.**, Grigor'ev, O.I., Iohin, B.S. Energy-dispersive X-ray fluorescence analysis of highly radioactive samples with small tubes and pyrographite crystals 8-92578
- Berdinskii, V.L.** *see* Zhuravlev, A.G. 8-78985
- Berdnikov, O.V.** *see* Kogut, N.S. 8-56739
- Berdonosov, V.A.**, Dobner, L.M., Ivanov, A.A., Shkarina, G.T. Some questions on the effectiveness of the radiographic inspection of welded joints 8-56872
- Berehnitskaya, M.F.** *see* Babei, Yu.I. 8-56734
- Berends, F.A.**, Donnachie, A. An energy-independent multipole analysis of pion photoproduction through the second resonance region 8-62410
- Berendsen, H.J.C.** *see* Hol, W.G.J. 8-61140
- Berens, A.R.** Analysis of transport behaviour in polymer powders 8-76919
- Berens, P.** *see* I-Ming Chou 8-55984
- Berenyi, D.** Nuclear research in the service of energy production 8-74414
- Berenyi, D.** *see* Kover, L. 8-95653
- Berenyi, D.** *see* Mukoyama, T. 8-78658
- Berenyi, D.** *see* Vegh, J. 8-76965
- Beresnev, B.I.** *see* Romanova, R.R. 8-76647
- Beretvas, A.** *see* Auer, I.P. 8-62433
- Beretvas, A.** *see* Aver, I.P. 8-62432
- Beretvas, A.** *see* Colton, E. 8-55074
- Berezhko, E.G.**, Kabachnik, N.M., Ivanov, V.K. The effect of many-electron correlations on the alignment of ions in atomic photoionization 8-74622
- Berezhko, E.G.**, Kabachnik, N.M., Rostovsky, V.S. Potential-barrier effects in inner-shell photoionisation and their influence on the anisotropy of X-rays and Auger electrons 8-58633
- Berezhko, E.G.**, Kabachnik, N.M., Sizov, V.V. The theory of coincidence experiments on electron impact ionisation of inner atomic shells 8-58837
- Berezhko, E.G.**, Kabachnik, N.M., Sizov, V.V. On the alignment of ions in inner-shell ionisation by heavy particle impact 8-78789
- Berezhkova, G.V.**, Govorkov, V.G., Staritsyn, V.E., Shnyrev, G.D. Unit for high-temperature tests of microsamples 8-60904
- Berezhkovskii, A.M.**, Ovchinnikov, A.A. Switching off of paramagnetism in a semiconductor in a strong electric field 8-80124
- Berezhkovskii, A.M.**, Ovchinnikov, A.A. Effect of impurities on the absorption line profile of semiconductors in a static electric field 8-92101
- Berezhnaya, L.T.**, Telepin, M.A. Transformation technique for reducing a potential field to a single plane of reference 8-53759
- Berezhnaya, S.P.** The transformation of typhoons in northern latitudes 8-92947
- Berezhnoi, A.A.**, Gurevich, V.A. Role of induced birefringence in the appearance of a spontaneous electrooptic effect in gadolinium molybdate crystals 8-68480
- Berezhnoi, A.A.**, Korolev, Yu.G., Popov, Yu.V., Prokof'ev, S.V., Sidorenko, N.B. Reversible optical information recording in lead magnoniobate crystals 8-50874
- Berezhnoi, A.A.**, Popov, Yu.V., Sherstneva, T.N. Electrostriction-optical properties of ferroelectrics with a diffuse phase transition 8-68457
- Berezhnoi, A.A.**, Popov, Yu.V., Sherstneva, T.N., Sointsev, V.M. Effect of twinning of zinc selenide crystals on their electrooptical properties 8-68478
- Berezhnoi, A.A.** *see* Afanas'ev, I.I. 8-88418
- Berezhnoi, A.A.** *see* Lebedeva, N.N. 8-92121
- Berezhnoi, V.M.**, Zubarev, V.V., Dunaeva, N.P., Kirichenko, V.N., Petryanov-Sokolov, I.V. Emission electrification of β -active aerosol particles in an external electric field 8-83497
- Berezhnoi, Yu.A.**, Pilipenko, V.V. On charge-exchanged reactions in the region of mean energies 8-82352
- Berezin, A.A.** Mechanism of autoionization-tunnel relaxation of electron excitation in crystals with oppositely charged defect centers 8-72112
- Berezin, A.I.** *see* Shalashov, G.I. 8-88606
- Berezin, B.G.** *see* Balashov, I.F. 8-55359, 8-66837
- Berezin, B.Ya.**, Chekhovskoi, V.Ya. Enthalpy and heat capacity of niobium and vanadium in the region from 298.15K to the melting point 8-71866
- Berezin, I.A.** *see* Aleksandrovich, K.V. 8-55746
- Berezinsky, V.S.**, Prilutsky, O.F. Pulsars and cosmic rays in the dense supernova shells 8-65638
- Berezkin, V.I.** *see* Lyubeshkina, E.G. 8-68668
- Berezkina, A.P.** *see* Ionina, N.V. 8-76627
- Bereznikovskaya, L.V.** *see* Baigovt, A. 8-59107
- Bereznyak, N.G.**, Sheinina, A.A. To the problem of the phase transition in solid deuterium (e-D₂) 8-75824
- Berezov, V.M.** *see* Romanov, V.S. 8-88266
- Berezovoi, V.P.**, Chudnovskii, E.M. Structure of π -condensate in nuclear material 8-58236
- Berezovskaya, N.A.**, Kopytin, L.V. Mechanical properties of constructional sintered materials produced by dynamic hot pressing 8-60620
- Berezovskaya, O.A.** *see* Ageeva, V.S. 8-60601
- Berezovskii, A.A.**, Martynenko, O.G., Sokovishin, Yu.A. Free convective heat transfer at a vertical semiinfinite plate 8-79318
- Berezovskii, A.A.**, Sokovishin Yu.A. Effect of leading edge on free-convection heat transfer 8-79319
- Berezovskii, V.R.** *see* Barkhudarov, E.M. 8-71617
- Berg, B.** Remark on factorization of S matrices 8-70293
- Berg, B.**, Karowski, M., Kurak, V., Weisz, P. Scattering amplitudes of the Gross-Neveu and nonlinear σ -models in higher orders of the 1/N-expansion 8-70261
- Berg, B.**, Karowski, M., Theis, W.R., Thun, H.J. Generalised Jost functions and Levinson's theorem in a (1+1)-dimensional relativistic field-theoretic model 8-54552
- Berg, D.** *see* Tiller, H.-J. 8-64890
- Berg, D.S.** *see* Matthews, J.B. 8-79063
- Berg, F.van der** *see* van der Berg, F.
- Berg, F.V.D.** *see* van Heugten, W.F.W.M. 8-79604
- Berg, G.**, Schummer, P. Stability calculation for pipe flow of a second-order incompressible viscoelastic fluid 8-87395
- Berg, G.J.K.van den** *see* van den Berg, G.J.K.
- Berg, H.**, Keyser, U., Munnich, F., Hawerkamp, K., Schrader, H., Pfeiffer, B. Experimental Q_p-values of several short-lived nuclides with mass number 85 \leq A \leq 103 8-93974
- Berg, H.A.M.van den** *see* van den Berg, H.A.M.
- Berg, H.R.van den** *see* van den Berg, H.R.
- Berg, J.A.van den** *see* van den Berg, J.A.
- Berg, J.C.** *see* Hinkelbein, T.E. 8-94681
- Berg, J.L.**, Cooper, A.R., Jr. Linear nonequilibrium thermodynamic theory of glass transition kinetics 8-67815
- Berg, J.O.**, Parker, D.H., El-Sayed, M.A. Assignment of the lowest ionisation potentials in pyridine and pyrazine by multiphoton ionization spectroscopy 8-74716
- Berg, J.O.**, Parker, D.H., El-Sayed, M.A. Symmetry assignment of two-photon states from polarisation characteristics of multiphoton ionisation spectra 8-74718
- Berg, J.O.**, Robinson, G.W. Resonant and near-resonant Rayleigh and Raman scattering for a diatomic molecule 8-78705
- Berg, J.O.** *see* Gertler, A.W. 8-80760
- Berg, K.** *see* Heron, I. 8-80787
- Berg, K.-J.**, Fröhlich, F. Determination of lead in NaCl crystals by optical absorption in aqueous solutions of NaCl 8-85232
- Berg, L.-E.**, Klynning, L., Martin, H. Observations of two photon absorption in gaseous CaCl. A study of the D² Σ and X² Σ states 8-78764
- Berg, M.F.** *see* Vali, V. 8-79142
- Berg, N.J.**, Udelson, B.J., Lee, J.N. An acousto-optic memory correlator 8-71248
- Berg, N.J.**, Udelson, B.J., Lee, J.N. Long-duration acousto-optic memory correlator 8-79124
- Berg, N.J.** *see* Lee, J.N. 8-66990
- Berg, O.G.** On diffusion-controlled dissociation 8-64820
- Berg, O.J.** *see* Parker, D.H. 8-70759
- Berg, R.S.**, Nasby, R.D. Structure and morphology of chemical-sprayed CdS films 8-72020
- Berg, R.van** *see* Van Berg, R.
- Berg, R.W.** The vibrational spectrum of the normal and perdeuterated tetramethylammonium ion 8-82741
- Berg, R.Willestoffe** *see* Willestoffe Berg, R.
- Berg, S.van den** *see* van den Berg, S.
- Berg, U.E.P.**, Bangert, K., Jungmans, G., Stock, R., Wienhard, K. Lifetimes of highly excited states in ³⁴S from nuclear resonance fluorescence 8-93966
- Berg, W.D.** *see* Dettmann, D.C. 8-77357
- Berg, W.F.**, Blum, E., Decker, J., Martin, O. The Demer effect in particulate ZnO 8-95314
- Berg, W.F.**, Fridkin, V.M., Gunter, P., Stahli, H. The kinetics of latent-image formation in electrophotography with photoferroelectrics 8-84246
- Bergander, H.** Exponential functions for description of creep curves 8-90732
- Bergdolt, A.M.** *see* Baumann, P. 8-74327, 8-74386, 8-82289
- Bergdolt, G.** *see* Baumann, P. 8-74327, 8-74386, 8-82289
- Berge, G.van Den** *see* Van Den Berge, G.
- Berge, J.P.** *see* Bell, J. 8-54625, 8-93872, 8-93873
- Berge, P.** *see* Dubois, M. 8-71327
- Berge, P.** *see* Wesfreid, J. 8-71328
- Berge, Ph.**, Donati, J.R., Prieux, B., Villard, D. Caustic stress corrosion of Fe-Cr-Ni austenitic alloys 8-60866
- Bergel'son, L.D.** *see* Barsukov, L.I. 8-64922
- Bergen, E.A.van den** *see* van den Bergen, E.A.
- Berger, A.** *see* Demuth, C. 8-81385
- Berger, A.L.** Long-term variations of caloric insulation resulting from the Earth's orbital elements 8-73502
- Berger, A.S.**, Ockers, S.T. High-precision measurement and control facility for electrical-resistivity experiments in an He II environment 8-54403
- Berger, C.**, Baril, M. Bicylinder mirrors and their application to the multichannel magnetic mass spectrometer 8-54494
- Berger, C.** *see* Barlier, F. 8-69555
- Berger, C.** *see* Ikeda, K. 8-72861
- Berger, Ch.**, Buhring, R., Dick, G., Grigull, R., Meyer-Wachsmuth, H., Wagner, W., Ackermann, H., Azemom, T., Gabriel, W., Mertens, H.D., Reich, H.D., Specht, G., Ganssauge, E., Janata, F., Schmidt, D. Elastic π^0 electroproduction above the resonance region 8-62412
- Berger, Ch.**, Dermawan, H., Genzel, H., Grigull, R., Lackas, W., Raupach, F., Wagner, W. The use of plexiglas 1921 in a large lead scintillator shower counter 8-78586
- Berger, Ch.**, Lackas, W., Raupach, F., Wagner, W., Alexander, G., Criegee, L., Dehne, H.C., Derikum, K., Devenish, R., Flugge, G., Franke, G., Gerke, Ch., Hackmack, E., Harms, P., Horlitz, G., Kahl, Th., Knies, G., Lehmann, E., Neumann, B., Thompson, R.L., Timm, U., Waloschek, P., Winter, G.G., Wolff, S., Zimmermann, W., Achterberg, O., Blobel, V., Boesten, L., Dammann, H., Garfinkel, A.F., Kapitza, H., Koppitz, B., Luhrsén, W., Maschuw, R., Spitzer, H., van Staa, R., Wetjen, G., Backer, A., Burger, J., Grupen, C., Meyer, H.J., Zech, G., Daum, H.J., Meyer, H., Meyer, O., Rossler, M., Wacker, K. Observation of a narrow resonance formed in e⁺e⁻ annihilation at 9.46 GeV 8-62414

- Berger, Ch.**, Lackas, W., Raupach, F., Wagner, W., Alexander, G., Criegee, L., Dehne, H.C., Derikum, K., Devenish, R., Flugge, G., Franke, G., Gerke, Ch., Hackmack, E., Harms, P., Horlitz, G., Kahl, Th., Knies, G., Lehmann, E., Neumann, B., Thompson, R.L., Timm, U., Waloschek, P., Winter, G.G., Wolff, S., Zimmermann, W., Achterberg, O., Blobel, V., Boesten, L., Dammann, H., Garfinkel, A.F., Kapitza, H., Koppitz, B., Luhrs, W., Maschuw, R., Spitzer, H., van Staa, R., Wetjen, G., Backer, A., Brandt, S., Burger, J., Grupen, C., Meyer, H.J., Zech, G., Daum, H.J., Meyer, H., Meyer, O., Rossler, M., Wacker, K. A study of jets in electron positron annihilation into hadrons in the energy range 3.1 to 9.5 GeV 8-89725
- Berger, D.** *see* Bernard, L.C. 8-86683
- Berger, D.** *see* Chance, M.S. 8-79425
- Berger, E.H.**, Royster, L.H., Thomas, W.G. Presumed noise-induced permanent threshold shift resulting from exposure to an A-weighted L_{eq} of 89 dB 8-92644
- Berger, E.L.** Massive lepton pair production in hadronic collisions 8-89752
- Berger, E.L.**, Irving, A.C., Sorensen, C. Implications of nucleon-nucleon spin-polarization measurements 8-74272
- Berger, F.P.** *see* Arastu, A.H. 8-94100
- Berger, G.**, Dastarac, G., Gibert, A. Fast heating process of a pulsed discharge channel in air 8-67560
- Berger, G.**, Goldman, M., Johnson, P.C. Time-resolved light emission from metal atoms sputtered from the cathode of discharges in air 8-71601
- Berger, G.** *see* Bertault, P. 8-87585
- Berger, G.** *see* Dastarac, G. 8-87587
- Berger, G.W.** *see* Buchan, K.L. 8-65278
- Berger, H.** Selective excitation of the XY_6 molecules via a Doppler free multiphoton process 8-55178
- Berger, H.** *see* Garrett, D.A. 8-60887
- Berger, H.** *see* Ouedraogo, A. 8-83950
- Berger, I.**, von Gutfeld, R.J., Wang, S.S.M. Two-dimensional acoustic beam detector 8-94495
- Berger, J.** Ordered motion of a plasma under appropriate geometry and external magnetic field 8-59553
- Berger, J.** Thermoelectric behaviour of Cu_2O monocrystals 8-71786
- Berger, J.**, Duflo, J., Goldzahl, L., Oostens, J., Plouin, F., Fabbri, F.L., Picozza, P., Satta, L., Le Brun, C., Legrand, D. Sharp backward peak in p- 4He elastic scattering at 1.05 GeV 8-70525
- Berger, J.** *see* Bizard, G. 8-54643
- Berger, J.P.** *see* Morris, E.C. 8-65479
- Berger, K.** Upward lightning stroke parameters 8-57237
- Berger, L.** Low-field magnetoresistance and [d cmain drag] in [ferromagnets] 8-68014
- Berger, L.** *see* O'Handley, R.C. 8-95509
- Berger, L.** *see* Ramanan, V.R.V. 8-91662
- Berger, L.** *see* Smit, J. 8-51957
- Berger, M.**, Harley, R.T., Perry, C.H., Richter, W. Magnetic field dependence of the cooperative Jahn-Teller distortion in $DyVO_4$ and $TbVO_4$ 8-79733
- Berger, R.L.** *see* Kritz, A.H. 8-59627
- Berger, S.** Predischarge currents in compressed air 8-87555
- Berger, S.B.** Position operator in the Weyl theory 8-58123
- Berger, W.H.** Oxygen-18 stratigraphy in deep-sea sediments: additional evidence for the deglacial meltwater effect 8-85530
- Berger, W.H.**, Johnson, R.F., Killingley, J.S. Global freshening of the upper ocean layer during deglaciation 8-53658
- Berger, W.H.**, Killingley, J.S., Diester-Haass, L. Upwelling off North-West Africa: the Holocene decrease as seen in carbon isotopes and sedimentological indicators 8-65334
- Berger, W.H.**, Killingley, J.S., Vincent, E. Stable isotopes in deep-sea carbonates: box core ERDC-92, west equatorial Pacific 8-73354
- Berger, X.**, Ligier, G. Modified equations for the determination of odd zonal harmonics 8-92773
- Bergere, M.C.**, de Calan, C., Malbouissin, A.P.C. A theorem on asymptotic expansion of Feynman amplitudes 8-93790
- Bergere, M.C.**, Gilain, C. Regge pole behavior in φ^3 field theory 8-66053
- Bergeron, C.G.** *see* Leedecke, C.J. 8-59763
- Bergeron, C.G.** *see* Richards, E.A. 8-72717
- Bergeron, K.D.**, Wright, T.P. Force balance and density criteria for double sheaths in plasma 8-91116
- Bergeron, K.D.** *see* Shope, S. 8-78520
- Berggren, K.-F.** Extrinsic heat capacity in the metallic regime of heavily doped silicon and germanium 8-59956
- Berggren, T.** *see* Bengtsson, R. 8-62541
- Berggren, T.** *see* Hakansson, H.-B. 8-93999
- Berggren, W.A.**, McKenna, M.C., Hardenbol, J., Obradovich, J.D. Revised Paleogene polarity time scale 8-77201
- Bergh, H.** van den *see* van den Bergh, H.
- Bergh, H.** Van Den *see* Van Den Bergh, H.
- Bergh, R.** *see* Levinson, M. 8-92261
- Bergh, S.** van den *see* van den Bergh, S.
- Bergh, S.** Van Den *see* Van Den Bergh, S.
- Bergh, G.** Vanden *see* Vanden Bergh, G.
- Berghmans, J.** Prediction of the effect of electric fields on the most unstable wavelength during film boiling on small wires 8-87239
- Berghmans, J.** The minimum heat flux during film boiling 8-90665
- Berghuis, J.** Into space with ESTEC 8-69651
- Bergles, A.E.** *see* Marner, W.J. 8-94726
- Bergles, A.E.** *see* Royal, J.H. 8-71265, 8-94556
- Berglund, A.** A study of the line-reversed hypercharge exchange reactions $\pi^+p \rightarrow K^+\Sigma^+$ and $K^-p \rightarrow \pi^-\Sigma^+$ at 7.0 and 10.1 GeV/c 8-82239
- Berglund, A.**, Buran, T., Carlson, P.J., Damerell, C.J.S., Endo, I., Gillman, A.R., Gracco, V., Homer, R.J., Hotchkiss, M.J., Lundby, A., Macri, M., Ratcliff, B.N., Santroni, A., Tso, T., Wickens, F., Wilson, J.A. A study of the reaction $\bar{p}p \rightarrow \pi^+\pi^-$ at 10 GeV/c 8-66160
- Berglund, B.**, Tegenfeldt, J. The determination of quadrupole coupling tensors from single-crystal NMR data 8-91982
- Bergman, D.J.** Analytical properties of the complex effective dielectric constant of a composite medium with applications to the derivation of rigorous bounds and to percolation problems 8-56414
- Bergman, D.J.** The dielectric constant of a composite material—a problem in classical physics 8-76375
- Bergman, D.J.**, Aharony, A., Imry, Y. Percolation mechanism for long range magnetic order in disordered systems 8-52273
- Bergman, R.N.**, Kalaba, R.E., Spingarn, K. Optimal inputs for blood glucose regulation parameter estimation 8-64920
- Bergmann, E.**, Tenne, R. Scaled particle theory of mixtures of hard spheres with negatively non-additive diameters 8-71654
- Bergmann, E.** *see* Tenne, R. 8-79515
- Bergmann, E.E.**, Bigio, I.J., Feldman, B.J., Fisher, R.A. High-efficiency pulsed 10.6- μm phase-conjugate reflection via degenerate four-wave mixing 8-87097
- Bergmann, E.E.**, Kolkoeg, G.P. Measurement of nanosecond HV transients with Kerr effect 8-51380
- Bergmann, G.** Transition from Pauli paramagnetism to band ferromagnetism in very thin Ni films 8-72377
- Bergmann, G.**, Marquardt, P. Temperature dependence of the resistivity in amorphous ferromagnetic alloys: Spin-wave contribution and resistivity minimum 8-51961
- Bergmann, G.**, Marquardt, P. Resistivity of amorphous ferromagnetic $Fe_{1-x}Au_x$ alloys: anisotropy and field dependence 8-87960
- Bergmann, H.W.**, Wassermann, G. Influence of the effective interparticle distance on the properties of composites 8-52727
- Bergmann, K.**, Engelhardt, R., Heftner, U., Hering, P., Witt, J. State-resolved differential cross sections for rotational transitions in Na_2+Ne (He) collisions 8-62887
- Bergmann, K.**, Heftner, U., Hering, P. Molecular beam diagnostics with internal state selection: velocity distribution and dimer formation in a supersonic Na/Na $_2$ beam 8-86968
- Bergmann, R.** *see* Daniel, H. 8-66694
- Bergmann, R.** *see* Wilhelm, W. 8-62959
- Bergmann, Ya.V.**, Korol'kov, V.I., Rakhimov, N. Investigation of high-efficiency fast-response n-GaAs-p-AlGa $_{1-x}$ As heterojunction photo-diodes 8-52073
- Bergmeister, F.J.** *see* Brandolini, F. 8-68420
- Bergner, D.** *see* Schatt, W. 8-63881
- Bergner, J.** Polarisation and interference microscopy in pollution control 8-61544
- Bergougnou, M.** *see* Behie, L.A. 8-91006
- Bergquist, J.C.**, Lee, S.A., Hall, J.L. Ramsey fringes in saturation spectroscopy 8-82868
- Bergqvist, I.** *see* Likar, A. 8-54758
- Bergqvist, I.** *see* Magnusson, G. 8-86535
- Bergsten, R.**, Slane, P. Fourier transform spectroscopy with inexpensive interferometers 8-49609
- Bergstrahl, J.T.**, Margolis, J.S., Brault, J.W. Intensity and pressure shift of the $H_2(4,0)$ S(1) quadrupole line 8-90178
- Bergstrahl, J.T.** *see* Carlson, R.W. 8-93145
- Bergstrom, L.**, Blomqvist, J., Herrlander, C.J., Hattula, J., Knuutila, O., Liukkonen, E., Rakhonen, V. On the yrast two proton-two neutron hole states in ^{208}Po 8-78307
- Bergstrom, I.** *see* Beetz, R. 8-54806
- Bergstrom, L.**, Fredriksson, S. Is the recently published counterproof of the tube model credible? 8-93982
- Bergstrom, M.R.** *see* Alguard, M.J. 8-70376
- Bergstrom, R.W.**, Peterson, J.T. Comparison of predicted and observed solar radiation in an urban area 8-57317
- Bergstrom, S.S.** Common and relative components of reflected light as information about illumination, colour and three-dimensional form of objects 8-56982
- Bergwall, N.A.S.**, Ekman, A.B.G., Lauberts, A., Westerlund, B.E., Borchkhadze, T.M., Breysscher, J., Laustsen, S., Muller, A.B., Schuster, H.-E., Surdej, J., West, R.M. Spectroscopic and photometric observations of galaxies from the ESO/Uppsala List. Second catalogue 8-77497
- Beril, S.I.**, Pokatilov, E.P. Surface polaron in ionic crystals 8-60020
- Berin, I.I.** *see* Chernysheva, Yu.P. 8-56659
- Berinde, A.**, Deberth, C., Neamu, I., Protop, C., Scintei, N., Zoran, V., Dost, M., Rohl, S. Relativistic effects in K-shell ionisation by 7-15 MeV proton bombardment on heavy elements 8-82830
- Berinde, A.**, Vladuca, G., Zoran, V., Deberth, C., Scintei, N., Neamu, I., David, I., Dumitru, R.O. Study of isobaric analogue resonances in ^{64}Cu by proton scattering from ^{64}Ni 8-78351
- Bering, E.A.**, III *see* MacLennan, C.G. 8-81507
- Berk, H.L.**, Correll, D.L., Gormezano, C., Rensink, M.E. Plasma energy confinement in conventional mirrors with externally heated electrons 8-87482
- Berk, H.L.** *see* Dominguez, R.R. 8-67341
- Berk, N.F.** *see* Rosenthal, J. 8-72389
- Berkbigher, L.** *see* Gagnon, W.L. 8-55015, 8-59038
- Berkbigher, L.W.** *see* Rupert, P.R. 8-54935
- Berkcan, E.**, Cooper, L.N., Stolan, B. Variational solution of the one-dimensional backward-scattering model with generalized coupling constant 8-66036
- Berke, P.** *see* Matolcsy, M. 8-51120
- Berker, A.N.**, Ostlund, S., Putnam, F.A. Renormalization-group treatment of a Potts lattice gas for krypton adsorbed on to graphite 8-67908
- Berkern, K.H.** *see* Colleraine, A.P. 8-54970
- Berkey, F.T.** Observations of pulsating aurora in the day sector auroral zone 8-81486
- Berkhahn, W.**, Ehrfeld, W., Krieg, G. Influence of flow-field structure on uranium isotope separation in the separation nozzle 8-82498
- Berkhofer, I.D.**, Eres'ko, I.N., Ol'shanskii, V.M., Oryabinskii, V.V., Kholodnyi, A.G. Installation for high-temperature X-ray-thermographic analysis 8-74003
- Berkhout, A.J.** Least-squares inverse filtering and wavelet deconvolution 8-61339
- Berkhout, P.J.**, Minneboo, J.Th., Silvera, I.F. The Libron spectra and conversion as a function of ortho-para concentration in solid H_2 and D_2 8-84570
- Berkhuijsen, E.M.** *see* Beck, R. 8-86017
- Berkinblit, M.B.** *see* Arshavskii, Yu.I. 8-96042
- Berkley, R.E.** *see* Bursey, J.T. 8-80799
- Berkner, K.H.**, Cooper, W.S., Ehlers, K.W., Pyle, R.V. Performance of a developmental 120-keV, 10-A deuterium (14-A hydrogen) neutral beam system 8-66377
- Berkner, K.H.** *see* Molvik, A.W. 8-54917
- Berkner, K.H.** *see* Olson, R.E. 8-70921
- Berko, S.**, Haghighoie, M., Mader, J.J. Electronic momentum densities by two-dimensional angular correlation of annihilation radiation 8-91605
- Berkova, D.** *see* Starosta, K. 8-52667
- Berkovits, L.** *see* Dobrin, R. 8-69205
- Berkovitz, M.A.** *see* Sheridan, N.K. 8-79140
- Berkovskii, A.G.**, Veretennikov, A.I., Gubanov, Yu.I., Gusel'nikov, V.G., Sushchenko, A.N., Chernyakova, O.T. High-current photomultiplier with disk-type electrode leads 8-58032
- Berkovsky, B.M.**, Fertman, V.E., Polevikov, V.K., Isaev, S.V. Specific features of natural convection heat transfer in magnetic fluids 8-94846
- Berkowitz, D.**, Zevin, V. Density matrix formalism for coupled dynamical systems 8-95522
- Berkowitz, G.M.** *see* Jachinski, C.M. 8-66310
- Berkowitz, J.K.**, Madison, D.H. Semi-classical approach to inner-shell ionization 8-62896
- Berkowitz, M.** *see* Gerber, R.B. 8-63815, 8-83887
- Berlad, G.** *see* Afek, Y. 8-89902, 8-93980
- Berland, M.** *see* Dhez, P. 8-62270
- Berlanger, M.**, Grange, P., Hofmann, H., Ngo, C., Richert, J. Triple differential cross section for angle, atomic number and energy (or angular momentum transfer) calculated for the 280 MeV $^{40}Ar+^{58}Ni$ (or 365 MeV $^{63}Cu+^{197}Au$) system in a simple model 8-50212
- Berlanger, M.**, Grange, P., Hofmann, H., Ngo, C., Richert, J. Influence of Coulomb and nuclear forces on the pattern of the double differential cross section $d^2\sigma/d\Omega dE$ for deep inelastic reactions 8-70560
- Berlec, F.-J.** *see* Arnold, G. 8-55352

- Berles, R.A. *see* Shemdin, O.H. 8-77248
 Berlin, A.A. *see* Fedorova, V.N. 8-64577
 Berlin, A.A. *see* Grigorovskaya, V.A. 8-55816
 Berlin, A.B., Korol'kov, D.V., Pariiskii, Yu.N., Soboleva, N.S., Timofeeva, G.M. Occultation of polarized radioemission by the solar corona at the period of weak solar activity 8-77527
 Berlin, A.B. *see* Soboleva, N.S. 8-65698
 Berlin, I.I. *see* Kalinin, E.K. 8-83231
 Berliner, J.E., Durlach, N.I., Braida, L.D. Intensity perception. IX. Effect of a fixed standard on resolution in identification 8-88719
 Berliner, R., King, J.S., Mildner, D.F.R. An inexpensive method for testing position sensitive particle detectors 8-70692
 Berlinger, W. *see* Currat, R. 8-67798
 Berlinger, W. *see* Müller, K.A. 8-80306
 Berlinsky, A.J., Harris, A.B. Orientational phases of hydrogen molecules on a triangular lattice 8-75934
 Berlinsky, A.J. *see* Jochemsen, R. 8-80331
 Berluti, V. *see* Shapiro, J.S. 8-77896
 Berlyand, V.A., Generalova, V.V., Gurskii, M.N., Zhanshova, A.P. Apparatus for the calibration of film dosimeters in electron radiation fields of high intensity 8-73257
 Berman, A. *see* Raider, S.I. 8-56047
 Berman, G.P., Zaslavsky, G.M. Condition of stochasticity in quantum nonlinear systems 8-49760
 Berman, H.M., Stodola, R.K., Neidle, S. Drug-nucleic acid interactions: conformational flexibility at the intercalation site 8-96005
 Berman, I.V. *see* Brandt, N.B. 8-49848
 Berman, L.S., Vlasov, S.I. Investigation of deep centres by the method of isothermal relaxation of the current in diodes made of an overcompensated semiconductor 8-52072
 Berman, L.S. *see* Krukovskaya, L.P. 8-56229
 Berman, N.E.J. *see* Daw, N.W. 8-56972
 Berman, N.S. Drag reduction by polymers 8-59432
 Berman, P.R. Effects of collisions on linear and non-linear spectroscopic lineshapes 8-70899
 Berman, P.R. *see* Brechignac, C. 8-62892, 8-78779
 Berman, S.S., McLaren, J.W. Establishment of compromise conditions for multielement analysis by inductively coupled plasma emission spectrometry: A preliminary report 8-76937
 Berman, Yu.A., Kostelova, I.N. Instrument for measuring electrical conductivity of loose materials (exchange of experience) 8-54395
 Berman, S., Paraskevopoulos, D.E., Tedrow, P.M. Ultra-high magnetic field study of the Kondo-type zero-bias conductance peak in magnetically doped metal-insulator-metal tunnel junctions 8-56237
 Bermon, S., So, C.K. Superconducting phonon structure in ultra-thin proximity-effect tunnel junctions 8-80101
 Bermon, S., So, C.K. Conductance peaks produced by Kondo scattering from O₂ in M-I-M tunnel junctions 8-95387
 Bermudez, G.G. *see* Davidson, M. 8-93941
 Bermudez, G.G. *see* Garcia Bermudez, G.
 Bermudez, V.M. Vacuum-ultraviolet radiation damage of the KCl surface—application of combined spectroscopic ellipsometry and reflectometry 8-71758
 Bernabe, M.L. *see* Murphy, W.D. 8-82992
 Bernabei, R. *see* Esposito, B. 8-66132
 Bernabei, S. *see* Kritiz, A.H. 8-59627
 Bernabei, S. *see* Motley, R.W. 8-87493
 Bernabeu, E., Negueruela, I. Population of excited levels of atoms and ions and their use in plasma diagnostics: relative intensities of Cs I 8-51344
 Bernacca, P.L. *see* Ciatti, F. 8-96477
 Bernage, P. *see* Niay, P. 8-62847, 8-86863
 Bernal, G. *see* Enrique Bernal, G.
 Bernal, I. *see* Beall, G.W. 8-55844
 Bernal, S.R., Waller, S.M. Use of exterior differential forms to express the time dependent diffusion equation in any orthogonal coordinate system 8-54871
 Bernal G., E., Loomis, J. Interactive video image digitizer—application to interferogram analysis 8-58021
 Bernal G., E. *see* Moravec, T.J. 8-74084
 Bernard, C. *see* Allibert, C. 8-76631
 Bernard, C. *see* Ansara, I. 8-60646
 Bernard, C. *see* Robert, J.H. 8-56162
 Bernard, C.W., Guth, A.H., Weinberg, E.J. Note on the Atiyah-Singer index theorem 8-54541
 Bernard, J. *see* Reggiani, J.-C. 8-64527
 Bernard, J.E. *see* Hutchings, J.B. 8-57590, 8-93306
 Bernard, J.J., Diep, G.B., Legay-Desesquelles, F., Prunet-Foch, B. Thermal transfer with charge of phase in an incompressible laminar limit layer, with moderate temperature and weak exchange levels 8-94561
 Bernard, J.J. *see* Hazan, J.P. 8-71205
 Bernard, L., Piche, L., Schumacher, G., Joffrin, J., Graebner, J. Electric dipolar echoes in glasses 8-52430
 Bernard, L.C., Berger, D., Gruber, R., Troyon, F. Axisymmetric MHD stability of elongated Tokamaks 8-86683
 Bernard, L.C. *see* Chance, M.S. 8-79425
 Bernard, M. *see* Bardet, R. 8-70634
 Bernard, S.R. Metabolic model and dosimetric data for copper 8-65130
 Bernardi, F., Bottoni, A., Colonna, F.P., Dista-fano, G., Folli, U., Vivarelli, P. UPS study of [2,2](2,5)furanophane and [2,2](2,5)thiophenophane evidence regarding the importance of through bond and through space interactions 8-82786
 Bernardi, F., Schlegel, H.B., Tonachini, G. Ab initio computation of force constants. VI. Applications of the force relaxation method for geometry optimization 8-66685
 Bernardini, J. *see* Gas, P. 8-75864
 Bernas, M. *see* Naulin, F. 8-50078
 Bernas, M. *see* Roussel, P. 8-70684
 Bernasconi, J. Renormalisation group approach for the conductivity of random conductance lattices 8-60100
 Bernasconi, J., Alexander, S., Orbach, R. Classical diffusion in one-dimensional disordered lattice 8-72114
 Bernasconi, J., Straessler, S., Wiesmann, H.J. The hysteresis of an inhomogeneous system 8-59926
 Bernasconi, J. *see* Alexander, S. 8-80411
 Bernashevskii, N.V. *see* Tyupalo, N.F. 8-61105
 Bernashevskiy, G.A. *see* Andrikanis, L.I. 8-74106
 Bernashevskiy, G.A. *see* Chernov, Z.S. 8-94919
 Bernat, A.P., Bruhweiler, F.C., Kondo, Y., van der Hucht, K.A. The locations of α^2 Herculis and α^2 Scorpii along the line of sight 8-73739
 Bernat, A.P., Lambert, D.L. Mg II h and k emission from luminous M stars 8-53945
 Bernath, A. *see* Safta, V. 8-68816
 Berndt, H., Doll, R. Evaluation of phases for electron diffraction by electron interferences 8-74112
 Berndt, K., Brummer, O., Marx, U. Study of the Fe 2p states by means of photoelectron spectroscopy in iron and iron alloys 8-52625
 Berndt, V., Kopylov, A.A. Two-phonon optical absorption in Ga_{1-x}Al_xP 8-88341
 Berndt, V., Kopylov, A.A., Pikhtin, A.N. Optical properties and energy spectrum of donors in Ga_{1-x}In_xP 8-72567
 Berndtsson, A. *see* Nyholm, R. 8-53301
 Berne, B.J. *see* Pangali, C. 8-63649
 Berne, B.J. *see* Rao, M. 8-51656
 Berner, Kh., Ermolaev, A.M., Krasnokutskii, A.V., Merisov, B.A., Khotkevich, V.I. Electrical and thermal resistance of tantalum at low temperatures 8-68007
 Berner, R.A. Sulfate reduction and the rate of deposition of marine sediments 8-53642
 Bennett, M.K., Ravner, H. Wettability of highly fluorinated polymer coatings 8-60856
 Berney, M., Benz, A.O. Plasma instabilities of trapped particles in solar magnetic fields 8-61823
 Berney, R., Cowan, D. ESR of Fe³⁺-rhombic, Fe²⁺-V₀ and Fe¹⁺-V₀ complexes in SrTiO₃ 8-76302
 Berney, R.L. *see* Tenny, J.R. 8-76984
 Bernhard, V.M. *see* Sales-Cunha, S.X. 8-77144
 Bernhard, W.A. *see* Cloze, D.M. 8-64941
 Bernhardt, E.T. *see* Eckhardt, W.O. 8-74488
 Bernhardt, H. Bound polarons in YAG crystals 8-63990
 Bernhardt, K.G. *see* Chan, Y.-D. 8-78405
 Bernhardt, T., Peacock, J.H. Encoding techniques for the Vibroses system 8-69474
 Bernheim, R.A., Kittrell, C., Veirs, D.K. Doppler-free two-photon laser excitation of the vacuum ultraviolet absorption spectrum of CO 8-86882
 Bernholc, J., Lipari, N.O., Pantelides, S.T. Self-consistent method for point defects in semiconductors: application to the vacancy in silicon 8-91641
 Bernick, L.M., Hilsen, R., Wandrei, C.L. Development of a quantitative sheet galling test 8-92433
 Bernier, J.C. *see* Laville, H. 8-88123
 Bernier, J.C. *see* Monteil, J.B. 8-51426
 Bernini, U. *see* Abbate, G. 8-56448
 Bernole, M. *see* Auger, P. 8-92270
 Berns, R.M., Wormer, P.E.S., Mulder, F., van der Avoird, A. Ab initio calculations of the collision-induced dipole in He-H₂. I. A valence bond approach 8-94202
 Bernsau, U. *see* Zywitz, C. 8-81045
 Bernshtein, D.N. *see* Bernshtein, I.N. 8-54097
 Bernshtein, I.N., Bernshtein, D.N., Dubrovich, V.K. Recombination lines in the primordial radiation 8-54097
 Bernshtein, M.L., Kaputkina, L.M., Glushets, A.M., Panov, E.D. Structure of the crystal lattice of martensite obtained by deformation of metastable austenitic steel 70Kh5G4 8-88464
 Bernstein, A.D. Tuning the ill-tempered clavier 8-81728
 Bernstein, A.D. *see* Sundaralingam, K. 8-86074
 Bernstein, B. *see* Goldberg, I.S. 8-90976
 Bernstein, E.R., Meredith, G.R., Webb, J.D. The Jahn-Teller effect in the lowest charge transfer state of UF₆ 8-67992
 Bernstein, E.R., Webb, J.D. On the Jahn-Teller effect in IrF₆: the $\Gamma_{8g}(t_{2g})^3$ state at 6800 Å 8-76032
 Bernstein, E.R. *see* Webb, J.D. 8-50664
 Bernstein, H.J., Dalal, N.S., Murphy, W.F., Red-doch, A.H., Sunder, S., Williams, D.F. A Raman study of the influence of isotopic substitution on the phase change in naphthalene-tetracyanobenzene 8-80364
 Bernstein, I.B., Max, C.E., Thomson, J.J. Effects of high-frequency fields on plasma transport coefficients 8-67317
 Bernstein, I.M. *see* Thompson, A.W. 8-60810
 Bernstein, I.M. *see* Yong-Jin Park 8-60784
 Bernstein, J., Hagler, A.T. Conformational polymorphism. The influence of crystal structure on molecular conformation 8-75611
 Bernstein, R.B. *see* Newton, K.R. 8-74894
 Bernstein, R.B. *see* Zandee, L. 8-73023
 Bernstein, W. *see* Cupperman, S. 8-91121
 Bernt, H. *see* Kamm, J.D. 8-91701
 Bernt, H. *see* Müller, J. 8-95302
 Bernthal, F.M. *see* Brown, B.A. 8-78255
 Bernus, F.V., Freller, H., Gunther, K.G. Vapour-deposited films and industrial applications 8-72042
 Beroff, K. *see* Biraben, F. 8-50526
 Beron, B.L., Carrington, R.L., Ford, R.L., Hilger, E., Hofstadter, R., Hughes, E.B., Liberman, A.D., Martin, T.W., O'Neill, L.H., Simpson, J.W. Measurements of the reaction e⁺e⁻→μ⁺μ⁻ at center-of-mass energies in the range 6.2-7.4 MeV 8-74194
 Beron, B.L., Crawford, J.F., Ford, R.L., Hofstadter, R., Hughes, E.B., Kose, R., LeCoul-tre, P., Martin, T.W., O'Neill, L.H., Rand, R.E., Schilling, R.F., Simpson, J.W., Resvanis, L.K. Experimental tests of quantum electrodynamics through the measurement of the reactions e⁺e⁻→e⁺e⁻, e⁺e⁻→γγ, and e⁺e⁻→μ⁺μ⁻ at a centre-of-mass energy of 5.2 GeV 8-66064
 Beronius, P. *see* Brentel, I. 8-75861, 8-91462
 Berrada, A., Lapiere, M.F., Loegel, B., Panis-sod, P., Robert, C. A study of the magnetic and transport properties of amorphous electro-deposited nickel-phosphorus alloys 8-52106
 Berrada, A., Mercurio, J.P., Etourneau, J., Hagenmuller, P., Shroff, A.M. Thermoionic properties of some hexaborides of the type CaB₆ 8-60541
 Berrada, S. *see* Tran Minh Duc 8-84703
 Berre, S. *see* Le Berre, S.
 Berreby, L. *see* Dreyfus, C. 8-62944
 Berrehar, J., Schott, M. Hole mobilities and anomalous current transients in crystalline naphthalene 8-76091
 Berretz, M., Holt, S.L. Optical and magnetic properties of some transition metal ions in barium phosphate glass 8-64196
 Berrier, G. *see* Rotbard, G. 8-82279
 Berrier, G. *see* Vergnes, M. 8-86532
 Berrier-Ronsin, G., Vergnes, M., Rotbard, G., Vernotte, J., Kalifa, J., Seltz, R., Sharma, H.L. Nuclear levels in ^{191,193,195,197}Pt excited via neutron pickup 8-50089
 Berrington, K.A., Burke, P.G., Le Dourneuf, M., Robb, W.D., Taylor, K.T., Vo Ky Lan A new version of the general program to calculate atomic continuum processes using the R-matrix method 8-74558
 Berrocal, J., Espinosa, A.F., Galdos, J. Seismological and geological aspects of the Mantaro landslide in Peru 8-96248
 Berrondo, M., Larsen, S.Y. Note on Miller's method to compute partition functions for the case of hard spheres 8-71828
 Berrue, J., Chave, A., Dumon, B., Thibaud, M. Measurements of depolarised light scattering from compressed nitrogen and theoretical calculations of different contributing processes 8-79406
 Berry, B.S., Pritchett, W.C. ΔE-effect and macroeddy-current damping in nickel 8-64253
 Berry, B.S., Pritchett, W.C. Temperature dependence of the ΔE-effect in amorphous Fe₇₅P₁₅C₁₀ 8-80188
 Berry, B.S., Pritchett, W.C., Tsuei, C.C. Discovery of an internal-friction peak in the metallic glass Nb₃Ge 8-79666
 Berry, C.L., De Smet, D.J. Studies of Planar stellar orbits. I. Motion in the spiral galactic potential of Barbanis and Woltjer 8-69845
 Berry, D., Keiper, D., Mason, D. An inertial box 8-69952
 Berry, G.C. *see* Markovitz, H. 8-87317
 Berry, H.G., Desesquelles, J., Cheng, K.T., Schectman, R.M. NeI-like resonance lines and NaI-like satellites in argon and chlorine 8-94210
 Berry, H.G. *see* Livingston, A.E. 8-78827
 Berry, H.G. *see* Pinnington, E.H. 8-55224

- Berry, J., Jr. *see* Downie, D.E. 8-53439
- Berry, J.K., Heimes, F.J., Smith, J.A. A portable instrument for simultaneous recording of scene composition and spectral reflectance 8-81443
- Berry, J.T. *see* Ten Haagen, C.W. 8-68863
- Berry, K.H. NPL-75: Gas thermometry from 2.6K to 27.1K 8-89480
- Berry, M.J. *see* Bray, R.G. 8-62239
- Berry, M.J. *see* Knudtson, J.T. 8-73063
- Berry, M.J. *see* West, G.A. 8-76892
- Berry, M.V. Regular and irregular motion 8-93522
- Berry, R.D. *see* Hollworth, B.R. 8-90953
- Berry, R.J. Study of multilayer surface oxidation of platinum by electrical resistance technique 8-88579
- Berry, R.S. *see* Gait, P.D. 8-63089
- Berry, R.S. *see* Rehmus, P. 8-70760
- Berry, W.B.N., Wilde, P. Progressive ventilation of the oceans—an explanation for the distribution of the Lower Paleozoic black shales 8-61436
- Berryman, J.G., Holland, C.J. Nonlinear diffusion problem arising in plasma physics 8-67321
- Bers, A. *see* Sen, A. 8-67344
- Bersenev, Yu. S. *see* Grazhdankina, N.P. 8-52238
- Bershadskii, L.I. Information model of irreversible phenomena 8-89419
- Bershtedt, A. *see* Busalov, Yu.E. 8-95796
- Bershtein, V.A., Pogodina, T.E., Egorova, L.M., Nikitin, V.V. Surface layer defects and the strength of oriented polyamide 8-51451
- Bersin, R.L. Chemically selective, anisotropic plasma etching [IC processing] 8-64755
- Bersis, D. *see* Karagounis, G. 8-95209
- Bersohn, R. *see* Kawasaki, M. 8-56906
- Berson, A.S., Pipberger, H.V. Slew rates for electrocardiographic signals 8-53544
- Bersuker, I.B. Mutual vibronic influence of weakly coordinated molecular systems in chemical reactions and catalysis 8-64821
- Bersuker, I.B., Gorbatina, G.N. Calculation of He and Li neutral mesoatoms 8-55264
- Bersuker, I.B. *see* Khlopin, V.P. 8-78642
- Bert, C.W., Chen, T.L.C. Effect of shear deformation on vibration of antisymmetric angle-ply laminated rectangular plates 8-63356
- Bert, L.A., Prosperetti, A., Fiocchi, R. Aerodynamic effects in isotope separation by gaseous diffusion 8-59469
- Bertagnolli, E., Kittinger, E., Tichy, J. The observation of reversible elastic Dauphine twinning in α -quartz 8-87684
- Bertault, P., Dupuy, J., Gilbert, A. Evolution of the activity of the cathode region during transition to arc 8-91172
- Bertault, P., Dupuy, J., Gilbert, A., Berger, G., Hartmann, G., Johnson, P.C. Properties of the cathode region and its evolution in the corona-to-spark transition 8-87585
- Bertaux, J.L. Interpretation of OGO-5 line shape measurements of Lyman- α emission from terrestrial exospheric hydrogen 8-61642
- Bertaux, J.L., Blamont, J., Marcelin, M., Kurt, V.G., Romanova, N.N., Smirnov, A.S. Lyman-alpha observations of Venera-9 and 10. I. The non-thermal hydrogen population in the exosphere of Venus 8-93136
- Bertaux, J.-L., Delannoy, A. First stratospheric measurements by an ultraviolet fluorescence hygrometer 8-65401
- Berte, M. Acoustic bulk wave resonators and filters operating in the fundamental mode at frequencies greater than 100 MHz 8-59245
- Bertel, E. Fission damage detection and investigation of the annealing behavior in apatite by absorption spectroscopy 8-84617
- Bertel', I.M., Kuntsevich, B.F., Petukhov, V.O., Trushin, S.A., Churakov, V.V. Oscillation spectrum expansion of the pulsed CO₂ lasers 8-74882
- Bertel, L., Bertin, F., Testud, J., Vidal-Madjar, D. Evaluation of the vertical flux of energy into the thermosphere from medium scale gravity waves generated by the jet stream 8-81479
- Bertero, M., De Mol, C., Viano, G.A. Restoration of optical objects using regularization 8-78929
- Berthelier, J.J. *see* Sylvain, M. 8-93036
- Berther, G. *see* Pinelli, T. 8-50431
- Berthet, C., Hulmes, D.J.S., Miller, A., Timmins, P.A. Structure of collagen in cartilage of intervertebral disk 8-56951
- Berthier, B. *see* Badawy, I. 8-66291
- Berthier, G. *see* Lakdar, T.B. 8-86783
- Berthier, J. *see* Teisseron, G. 8-60364
- Berthier, Y., Devine, R.A.B. Nuclear magnetic resonance of ¹³⁹La in ferromagnetic Gd_{0.9}La_{0.1}Al₂ 8-52377
- Berthier, Y., Devine, R.A.B., Belorizky, E. Conduction-electron spin and orbital polarization effects in rare-earth Al₂ compounds 8-80228
- Berthier, Y., Devine, R.A.B., Morin, P., Pierre, J. Hyperfine field in cubic RE-Al₂ and RE-Zn ordered compounds 8-84180
- Berthier, Y. *see* Assefi, M. 8-87791
- Berthier, Y. *see* Devine, R.A.B. 8-72122
- Berthier, Y. *see* Peralta, L. 8-76134
- Berthod, J., Andreani, A.-M., Stefani, R. Polarity of breakdowns and properties of ion beams in the self-triggered mode of damped discharges 8-70214
- Berthod, L., Bracconi, P., Dufour, L.C., Floquet, N. Oriented growth of CoO on Co₃O₄ 8-80739
- Berthod, R., Gamer, G., Hess, H.D. Electrical monitoring of waste water quality. (Maintenance-free water-test stations.) II 8-65403
- Berthot, J. *see* Badelek, B. 8-90011
- Bertin, A., Massa, I., Piccinini, M., Vannini, G., Vitale, A. Observation of negative muon transfer from muonic hydrogen to aluminium interfaces 8-55259
- Bertin, F. *see* Bertel, L. 8-81479
- Bertin, F. *see* Vidal-Madjar, D. 8-69554
- Bertin, G., Lau, Y.Y., Lin, C.C., Mark, J.W.-K., Sugiyama, L. Discrete spiral modes in disk galaxies: some numerical examples based on density wave theory 8-54053
- Bertin, P.Y. *see* Freedman, B.M. 8-70571
- Bertinetto, F., Cordiale, P., Liverani, M., Malgeri, E., Rebaglia, B. He-Ne (I₂) status at IMGC 8-87072
- Bertinetto, F., Rebaglia, B.I. Limitations of He-Ne ¹²⁷I₂ lasers 8-90440
- Bertini, H.W., Culkowski, A.H., Hermann, O.W., Gove, N.B., Guthrie, M.P. High energy (E≤1000 GeV) intranuclear cascade model for nucleons and pions incident on nuclei and comparisons with experimental data 8-70498
- Bertini, H.W. *see* Alsmiller, R.G., Jr. 8-61550
- Bertini, I. Paramagnetic metal ions as structural probes for NMR investigation of inorganic and bioinorganic compounds 8-62828
- Bertini, I., Dapporto, P., Gatteschi, D., Scozzafava, A. X-ray and ESR investigation of an elongated octahedral tris-(1,2-diaminoethane) copper (II) complex 8-80206
- Bertocchi, L., Troncon, C. Hadron-induced semi-coherent scattering and the excitation of the ¹²C(2⁺, 4.4 MeV) level 8-70569
- Bertoglio, J.-P., Charnay, G., Gence, J.N., Mathieu, J. Effect of a rotation on double velocity correlations of an homogeneous turbulence submitted to velocity gradients 8-63435
- Bertola, F. *see* Boksenberg, A. 8-96540
- Bertolaccini, M., Gatti, E., Padovini, G. Analog image processing by a photographic spatial filtering technique 8-57070
- Bertoldi, C. *see* Chowdhury, R.N. 8-65262
- Bertoli, M., Magistri, S., Friedli, P. The application of bit-slice processors in biomedical technique, illustrated by an example of video-tracking of micro-circulation 8-88749
- Bertolini, E. The JET project: technical developments, status of the manufacturing work in industry, administrative and managerial aspects 8-54986
- Bertolini, J.-C., Massardier, J., Dalmat-Imelik, G. Evolution of adsorbed species during C₂H₂ adsorption on Ni(111) in relation to their vibrational spectra 8-95952
- Bertolotti, M. Propagation problems relative to laser transmission 8-92988
- Bertolotti, M., Scudieri, F., Sturla, E. Ultrasound-produced rolls in nematic liquid crystals as studied through the spatial coherence of scattered light 8-75534
- Bertolotti, M. *see* Carter, W.H. 8-64372
- Bertolotti, M. *see* Scudieri, F. 8-91232
- Bertolotti, M. *see* Vitali, G. 8-87704
- Bertolucci, S. *see* Bartalucci, S. 8-50037
- Bertoluchchi, E. *see* Apel', V.D. 8-78223
- Bertoluzza, A., Bertoluzza Morelli, M.A., Fagnano, C., Raffaella Tosi, M. Raman and infrared spectra of anhydrous concentrated hydrochloric acid solutions in methanol 8-82724
- Bertoluzza, A., Fagnano, C., Monti, P., Seme-rano, G. Raman and infrared spectra of As₂S₃ chalcogenide glasses with x≤3 8-80330
- Bertoluzza, A. *see* Bonino, G.B. 8-82735
- Bertoluzza Morelli, M.A. *see* Bertoluzza, A. 8-82724
- Berton, A., Chaussy, J., Cornut, B., Tournier, R., Chouteau, G., Peyrard, J. Has CeAl₃ a singlet ground state at T=0 and is it magnetically ordered between 2.5 and 6K? 8-84388
- Bertoni, A., Haus, G., Mauri, G., Torelli, M. A mathematical model for analysing and structuring musical texts 8-90608
- Bertoni, C.M., Bisi, O., Manghi, F. Linear-combination-of-atomic-orbitals description of the electron states at the (0001) surface of hexagonal-close-packed metals 8-72232
- Bertoni, C.M., Bisi, O., Manghi, F., Calandra, C. Surface bands in relaxed cleavage surface of GaP 8-91744
- Bertoni, C.M., Calandra, C., Bisi, O., Manghi, F. Electronic properties of Ir and Pt (001) clean surfaces 8-95332
- Bertoni, H.L., Green, A.C., Felsen, L.B. Shadowing an inhomogeneous plane wave by an edge 8-90356
- Bertoni, H.L. *see* Kurland, I.J. 8-55468
- Bertotti, B., Picone, G. Differing time standards and celestial mechanics 8-93087
- Bertozi, B., D'Alessandro, M., Girardi, F., Vanossi, M. Safety assessment of radioactive waste disposal into geological formations: a preliminary application of fault tree analysis to salt deposits 8-55046
- Bertozi, G. *see* Girardi, F. 8-58387
- Bertozi, W. Collective properties of nuclei from electron scattering: nuclear deformations 8-50064
- Bertram, K.L., Minter, F.J., Hudson, J.A., Russell, K.C. Irradiation-enhanced precipitation in Al-Ge alloys 8-79642
- Bertram, R., Haupt, H., Nelkowski, H. On the mechanism of the double-comet-shaped electroluminescence in ZnS:Cu crystals 8-52577
- Bertram, U. *see* Harding, G. 8-69181
- Bertram, W.K. On the statistical theory of nuclear reactions 8-58259
- Bertrand, A., Legras, B., Martin, J. Use of radium-224 in the treatment of ankylosing spondylitis and rheumatoid synovitis 8-96086
- Bertrand, D. *see* Fert, A.R. 8-80339
- Bertrand, D. *see* Nowak, R.J. 8-78213
- Bertrand, F.E. Nuclear data sheets for A=110 8-66189
- Bertrand, F.E. *see* Malbrough, D.J. 8-70570
- Bertrand, G., Lallemand, M., Mokhlisse, A., Watelle-Marion, G. Abnormal variation of the rate of decomposition of a solid. II. A property common to interfacial endothermic reactions 8-76852
- Bertrand, J. *see* Taner, M.F. 8-69339
- Bertrand, J.L. *see* Quenzer, A. 8-70370
- Bertrand, L. *see* Gagne, J.M. 8-86967
- Bertrand, O., Floquet, N., Dufour, P., Dufour, L.-C. Investigation by electron microscopy of the in situ transformation of MoO₃ into MoO₂ 8-95945
- Bertrand-Coremans, G. *see* Erriquez, O. 8-78170
- Bertrand-Coremans, G. *see* Krenz, W. 8-54624
- Bertsch, G., Munding, D. Cohesion of nuclear matter 8-66314
- Bertsch, G.F., Riska, D.O. Threshold pion absorption in nuclei 8-82390
- Bertsch, G.F. *see* Ko, C.M. 8-78409
- Bertuzzi, A., Salinari, S., Mancinelli, R., Ronzoni, G. A mathematical model of intestinal motor activity 8-77078
- Bertuzzi, A. *see* Badiali, M. 8-64928
- Bervillier, C., Drouffe, J.M., Zinn-Justin, J., Godreche, C. Comparison between large-order estimates and perturbation series in a scalar field theory with Gaussian propagator 8-70268
- Berwald, D.H., Duderstadt, J.J. Neutronic analysis of a laser-fusion-driven actinide waste burner 8-58459
- Berwart, L. Study by exposures at high illumination of departure from reciprocity, intermittence effects and characteristic curves of Br-I-Ag and Cl-Br-Ag emulsions 8-79085
- Berzhanskii, V.N., Chekanova, L.A., Chistyakov, N.S. Ferromagnetic resonance in crystalline and amorphous magnetic films 8-88192
- Berzhetskii, M.S., Voronov, G.S., Grebenshchikov, S.E., Izvozhnikov, A.B., Nachaev, Yu.I., Shitnikova, I.S., Fedyanin, O.I., Khol'nov, Yu.V., Khudolev, A.V., Shipgel', I.S. Characteristics of the plasma ion component and particle lifetimes in the stellarator L-2 during ohmic heating 8-59547
- Berzin, L.F., Yakimakh, A.L. Six-channel MOSFET commutator 8-74099
- Berzin, L.F., Yakimakh, A.L. Stepped sawtooth waveform generator using microcircuits [for monopolar mass spectrometer] 8-86376
- Berzins, Ya.Ya. *see* Beitins, M.P. 8-54720
- Berzinya, B.Ya. The recombination luminescence of the H-centers and electrons in the KI crystal 8-80402
- Bes, D.R. *see* Bortignon, P.F. 8-62490
- Bes, R. Kinetic and energetics study of the dissociation of nitrogen monoxide and dioxide in an alternating electric field 8-64824
- Besceda, T. *see* Szabados, L. 8-82431
- Besch, E.L., Baumgardner, F.W., Burton, R.R., Gillingham, K.K., McPherson, R.F., Leverett, S.D., Jr. Calibration of a new ear oximeter in humans during exposure to centrifugation 8-92734
- Besch, H.J., Eisermann, H.W., Lohr, B., Noldke, G., Sternemann, K.P., Tonutti, M., Wilke, R., Kowalski, H., Mehrhardt, H., von Eys, H.J., von der Schmitt, H. Simultaneous measurement of pp and nn in e⁺e⁻ annihilation at the J/ψ-resonance 8-93893

- Bescos, J., Strand, T.C. Optical pseudocolor encoding of spatial frequency information 8-87018
- Bescos, J. *see* Le Montreier, J.P. 8-50712
- Beseda, V.A., Cherkasov, V.G., Gulyaev, V.V., Savoiskii, V.N. Vacuum piezoceramic transducer for measuring pressure in the $760\text{-}10^{-5}$ torr range 8-86283
- Besenmatter, W. Displacements of individual lenses from their ideal positions within zoom objectives 8-71186
- Besenmatter, W. Analysis of primary characteristics of aspheric surfaces with the aid of the delano-diagram 8-90381
- Beserman, R., Shmeltzer, D., Herscovici, C., Fibich, M. Zone edge phonons in mixed crystals 8-76475
- Beshai, S. *see* Lieder, R.M. 8-62476
- Beshers, D.N. *see* Mason, W.P. 8-65268
- Beshliu, K. *see* Abdivaliev, A. 8-58290
- Beshly, B.S. A mathematical model for the combustion of a porous carbon particle 8-92481
- Besieris, I.M. The wave-kinetic method, phase-space path integrals, and stochastic wave propagation 8-62088
- Besieris, I.M. The ambiguity function in stochastic wave propagation 8-69993
- Besieris, I.M., Kohler, W.E. Underwater sound wave propagation in the presence of a randomly perturbed sound speed profile. I 8-94477
- Beske-Diehl, S. *see* Levi, S. 8-81145
- Beskos, D.E. *see* Aifantis, E.C. 8-63766
- Besley, L.M. Further stability studies on germanium resistance thermometers at 20K 8-81971
- Besmann, T.M., Lindemer, T.B. Chemical thermodynamics of the system Cs-U-Zr-H-I-O in the light water reactor fuel-cladding gap 8-82440
- Besnainou, S., Whitten, J.L. Interaction between matrix isolated nickel difluoride and carbon monoxide. An ab initio molecular orbital study 8-92458
- Besnard, M., Cohen, Y. Radionuclidic purity of an injectable solution of tritiated water 8-73118
- Bespal'kova, I.A., Ignat'ev, V.S., Vorob'ev, G.M., Rubinshtein, E.A., Pliner, Yu.L., Alybina, A.N. Fine comminution of refined ferrocromium 8-60598
- Bespalov, N.S. *see* Mikhailov, A.M. 8-56597
- Bespalov, V.I., Betin, A.A., Pasmanik, G.A. Reproduction of the pump wave in simulated scattering radiation 8-83031
- Bespalov, V.P. *see* Korolev, A.I. 8-84756
- Bespalov, V.Ya., Korobochko, N.A. Nonempirical calculation of the energy of the interaction of the methyl cation with the helium atom 8-86799
- Bespalova, E.I. *see* Prokopov, V.G. 8-83212
- Bespyatykh, A.S., Darenskikh, O.G., Komisarov, A.V., Mel'nikov, V.D., Peskov, A.I., Tsenter, E.M. Automatic determination of total quantity of substance in homogeneous media 8-93657
- Bespyatykh, Yu.L., Vashkovskiy, A.V., Zubkov, V.I. Thermal fluctuations in a hybrid ferromagnetic semiconductor structure 8-88158
- Bespyatykh, Yu.L., Zubkov, V.I. Resonance galvanomagnetic phenomena in a ferrite-semiconductor 8-87989
- Bespyatykh, Yu.L., Zubkov, V.I., Tarasenko, V.V. Influence of the surface anisotropy and thermal scatter of electron velocities on the instability of surface magnetostatic waves in a ferrite-semiconductor structure 8-76235
- Besrest, F., Collin, G. Structure of $\text{La}_2\text{Fe}_{1.7}\text{S}_5$ 8-51499
- Bessalov, B.P. *see* Bessalova, E.S. 8-77963
- Bessalova, E.S., Lukin, N.I., Bessalov, B.P., Tsyvkin, V.R., Borisova, I.K. New single-beam photoelectric colorimeter (KFO) 8-77963
- Bessaraba, V.I., Ivanchenko, L.A., Paderno, Yu.B., Shaginyan, L.R. Some properties of thin lanthanum hexaboride films 8-60043
- Besse, J.P., Baud, G., Chevalier, R., Joubert, J.C. High pressure synthesis and structure of a new pyrochlore containing $\text{Re:Ca}_{1+x}\text{Re}_2\text{O}_6(\text{OH})_{2x}$ ($x=0,3$) 8-51511
- Besse, J.P. *see* Baud, G. 8-76615
- Besse, P., Le Goff, G., Gouverneur, G., Page, A., Beaune, J., Delaye, J., Lorino, H., Nitenberg, A., Laurent, D., Boitaud, J., Harvey, P.J., Guittou, F. Present status of a computing system for treatment of hemodynamic and cineangiographic data (SYSCORMORAM) 8-81030
- Besse, S., Quintard, M., Mazot, P., De Fouquet, J. Influence of hydrogen on the internal friction of titanium 8-75723
- Bessel, M.S. Two of the most metal-deficient stars 8-69797
- Bessell, M.S., Ianna, P.A. The nature of CD -31°622 8-65618
- Bessent, R.G. *see* Fogelman, I. 8-73204, 8-73208
- Besset, D., Do, Q.H., Favier, B., Greeniaus, G., Hess, R., Lechanoine, C., Rapin, D., Werren, D.W., Weddigen, Ch. Measurement of P, D, R, and A parameters at small angles for P-P elastic scattering at 310, 390 and 490 MeV 8-62422
- Bessey, J.S., Bosacchi, B., van Driel, H.M., Smirl, A.L. Pulse-width dependence of the transmission of ultrashort optical pulses in germanium 8-55403
- Bessey, J.S. *see* Bosacchi, B. 8-87107
- Bessey, R.L., Kana, D.D. Some research needs for improved seismic qualifications tests of electrical and mechanical equipment 8-94053
- Bessiere, J. *see* Soussen-Jacob, J. 8-58696
- Bessire, J.-J. The Perfectone Comitor 16mm projector 8-59103
- Bessis, D., Mery, P., Turchetti, G., Gammel, J. Nucleon-nucleon dynamics from variational matrix Pade approximants 8-62427
- Besson, G. *see* Laurent, A. 8-81393
- Besson, J., Brejau, H., Moreau, J.P., Parcelier, P., Benavente, J. Results of the laser synchronization by flyover between the observatories of Paris and San Fernando, Spain 8-89461
- Besson, J. *see* Paidassi, S. 8-76204
- Besson, J. *see* Sarrazin, P. 8-76787
- Besson, J.L., Boch, P. Anelastic effects in cold-worked nickel 8-84877
- Besson, J.M. *see* Chevy, A. 8-68619
- Besson, J.M. *see* Zylbersztejn, A. 8-64000
- Bessonov, E.V. *see* Strashnikova, M.I. 8-72086
- Bessonov, O.A., Kudryashov, A.D., Ergma, E.V. On carbon burning products at constant temperature 8-61722
- Bessonova, T.S., Stanislavskii, T.S., Sobko, A.I., Khaimov-Malkov, V.Ya. Induced absorption spectra of alloyed corundum occurring during low-temperature radiation 8-72570
- Bessubov, V.A. *see* Antipov, Yu.M. 8-62581
- Best, J.A. *see* Can *see* Best, J.A.
- Beste, A. *see* Seeger, T. 8-63390
- Beste, D.C. Design of satellite constellations for optimal continuous coverage 8-73603
- Beste, K.-W., Hellige, G. Investigations with a mass spectrometer inlet system in an artificial circulation with gas enrichment by means of membrane oxygenators 8-73294
- Bestek, H., Fasel, H. A numerical method for the investigation of small disturbances as functions of time in Poiseuille flows 8-94633
- Besterli, M. *see* Dubravec, B. 8-56603
- Besterli, M. *see* Slesar, M. 8-84832
- Bestetti, G. *see* Maranzana Figini, M. 8-81039
- Besuner, P.M. *see* Tetelman, A.S. 8-56768
- Beswick, J.A. Vibrational predissociation of triatomic van der Waals molecules 8-55215
- Beswick, J.A., Jortner, J. Comment on vibrational predissociation of polyatomic van der Waals complexes 8-55209
- Beswick, J.A., Jortner, J. Perpendicular vibrational predissociation of T-shaped van der Waals molecules 8-82659
- Beszeda, T. *see* Szabados, L. 8-82432
- Betchov, R., Szweczyk, A.A. Numerical study of the Taylor-Green vortices 8-67204
- Betekhtin, V.I., Petrov, A.I. Kinetics of the failure of metals under hydrostatic pressure 8-52944
- Betenekova, T.A. *see* Lushchik, Ch.B. 8-72574
- Betenekova, T.A. *see* Plekhanov, V.G. 8-72083
- Beterov, I.M., Cherenko, A.A., Shishaev, A.V. Heated closed quartz cell for spectroscopic investigations of vapors of metals 8-77996
- Beterov, I.M., Cherenko, A.A., Yatsenko, A.S. The use of resonance rotation of a polarisation plane in a magnetic field for the determination of g-factors of electron transfer of molecules 8-70954
- Betev, B., Vankov, Ch., Stanev, T. Investigation of the structure of the electron-photon component of the extensive air showers near the core 8-57414
- Beth, A.H. *see* Robinson, B.H. 8-62213
- Bethe, H.A. *see* Johnson, M.B. 8-89799
- Bethea, C.G. Measurement of hyperpolarizabilities of several organic molecules 8-87096
- Bethea, C.G. *see* Levine, B.F. 8-70962
- Bethge, K. *see* Fortune, H.T. 8-82383
- Bethge, K. *see* Schule, R. 8-82816
- Bethke, J.J. *see* Gabel, M.B.K. 8-64721
- Bethune, D. *see* Higham, P.A. 8-60848
- Bethune, D.S., Lankard, J.R., Loy, M.M.T., Ors, J., Sorokin, P.P. Laser initiated thermal isomerization of methyl isocyanide 8-80725
- Bethune, D.S., Lankard, J.R., Sorokin, P.P. Studies of the metastable c^3H_2 state of H_2 : towards a two-photon amplifier 8-94296
- Betigeri, M.G., Chung, W., Djaloeis, A., Mayer-Morice, C., Oclert, W., Turek, P. Energy dependence in $^{16}\text{O}(\text{d},^6\text{Li})^{12}\text{C}$ reaction 8-74372
- Betin, A.A. *see* Bespalov, V.I. 8-83031
- Betinis, E.J. On ETI alien probe flux density 8-81563
- Betokhin, S.S., Karas', V.I., Lomako, V.M., Reznikov, I.V. Time characteristics of FEU-62 and FEU-28 photomultipliers 8-86333
- Betro, B. *see* Archetti, F. 8-69540
- Betsch, R.J., White, W.B. Vibrational spectra of bismuth oxide and the sillenite-structure bismuth oxide derivatives 8-76464
- Betsofen, S.Ya. *see* Bunin, L.A. 8-56664
- Betsudan, S. *see* Yamada, M. 8-57358
- Betsuyaku, H. Neutron scattering from paramagnetic MnO 8-68146
- Betten, J. Elementary equation to describe the orthotropic compressible yielding considering the Bauschinger effect 8-84902
- Bettenay, L.F. *see* Groves, D.I. 8-61418
- Betteridge, D., Joyner, D.J., Greening, F., Shoko, N.R., Cudby, M.E.A., Willis, H.A., Attwood, T.E., Henriksen, L. The analysis of polymer degradation products by UV-photoelectron spectroscopy 8-53300
- Bettinger, A. *see* Le Goff, D. 8-79048
- Bettini, M., Bachmann, K.J., Shay, J.L. CdS/InP and CdS/GaAs heterojunctions by chemical-vapor deposition of CdS 8-52062
- Bettis, C. *see* Branch, D. 8-53967
- Bettis, E.S., Ballou, J.K., Becraft, W.R., Peng, Y.-K.M., Watts, H.L. Advantages of iron core in a Tokamak 8-54897
- Bettis, E.S., Barnes, J.M., Huxford, T.J., Liu, K.C., Santoro, R.T., Watts, H.L. A practical blanket design for a toroidal fusion reactor 8-62649
- Bettis, E.S. *see* Uckan, N.A. 8-54981
- Betts, D.D. Prediction of terms in sequences relating to collective phenomena with application to lattice statistics, death statistics, etc 8-57866
- Betts, D.D. *see* Oitmaa, J. 8-72321
- Betts, G.E., Bradley, J.C., Marx, G.E., Schubert, D.C., Trenchard, H.A. Axially symmetric geodesic lenses 8-83114
- Betts, J.A., Miller, D.J. Chemical production of $\text{CN}(\text{A}^2\pi)$ 8-63112
- Betts, P.L., Hall, B.L. A finite element study of large amplitude water waves 8-92851
- Betts, R.R., Fortune, H.T., Pullen, D.J. A study of ^{26}Al by the $^{25}\text{Mg}(\text{He},\text{d})$ reaction 8-62554
- Betts, R.R., Stein, N., Sunier, J.W., Woods, C.W. Multipole pairing states and the correspondence between two and four-particle transfer reactions 8-62569
- Betz, A.L., Sutton, E.C., McLaren, R.A. Infrared heterodyne spectroscopy in astronomy 8-85859
- Betz, H., Wideburg, K., Ryssel, H., Kranz, H. Ion implanted InSb photodetectors 8-49906
- Betz, H.-D. Ionization and excitation states of fast heavy ions inside and outside solid targets 8-70927
- Betz, H.-D. *see* Schleinkofer, L. 8-78657
- Betz, P. *see* Glatz, F. 8-74378
- Betz, W. *see* Soff, G. 8-62949
- Betzler, K., Hesse, H., Loose, P. Optical second harmonic generation in organic crystals: urea and ammonium-malate 8-63152
- Betzler, K. *see* Loose, P. 8-76486
- Beuermann, K.P., Brauningner, H., Trumper, J. Aberrations of a facet-type transmission grating for cosmic X-ray and XUV spectroscopy 8-85851
- Beumer, H. *see* Lindenmeyer, P.H. 8-75592
- Beurtey, R., Matoba, M., Tabet, J.-P. Analysis of the data from a magnetic spectrometer with position- and cutting angle-sensitive detectors 8-70687
- Beurtey, R. *see* Couvert, P. 8-78383
- Beurtey, R. *see* Tatischeff, B. 8-82345
- Beusch, W. *see* Pernegr, J. 8-50047
- Beuscher, H. *see* Lieder, R.M. 8-82283
- Beuselinck, R. *see* Bosetti, P.C. 8-70357
- Beuzart, P. *see* Gairaud, H. 8-96184
- Bevaart, L. *see* Lebesque, J.V. 8-91855
- Bevan, S., Kullberg, R.W., Rice, J. Acetylcholine-induced conductance fluctuations in cultured human myotubes 8-61157
- Bevelacqua, J.J. High spin states in the ^4He system 8-86484
- Bever, M.B. *see* Clark, R.J.P. 8-52924
- Bever, M.B. *see* Jena, A.K. 8-56627
- Beveridge, D.L. *see* Mezei, M. 8-83975
- Beveridge, J. *see* Amsler, C. 8-70397
- Beveridge, J.L., Gurd, D.P., Rogers, J.G., Fearling, H.W., Anderson, A.N., Cameron, J.M., Greeniaus, L.G., Goulding, C.A., Jovanovich, J.V., Smith, C.A., Stetz, A.W., Richardson, J.R., Frascaria, R. Proton-proton bremsstrahlung at small angles 8-62446
- Beverley, K.I. *see* Regan, D. 8-65029
- Beverly, R.E., III. *see* Walters, C.T. 8-63568
- Beverly, W.D. *see* Deminet, C. 8-59122
- Bevington, P.R. Single and double pion production in proton-proton collisions at medium energies 8-62441

- Bevington, P.R.**, McNaughton, M.W., Willard, H.B., Baer, H.W., Winkelmann, E., Cverna, F., Chamberlin, E.P., King, N.S.P., Stevens, R.R., Wilmes, H., Schardt, M.A. Polarization analyzing power $A_0(\theta)$ in pp elastic scattering at 643, 787, and 796 MeV 8-78207
- Bevir, M.V.** *see* Philippott, J. 8-54884
- Bevis, M.**, Sievers, A.J., Harrison, J.P., Taylor, D.R., Thouless, D.J. Infrared absorption by elementary excitations of the one-dimensional XY system 8-95584
- Bevis, M.** *see* Allan, P. 8-83758
- Bewick, A.**, Thomas, B. Optical and electrochemical studies of the underpotential deposition of metals. III. Lead deposition on silver single crystals 8-52692
- Bewick, A.**, Thomas, B. Optical and electrochemical studies of the underpotential deposition of metals. II. Phase transitions and two-dimensional nucleation 8-60590
- Bewley, D.K.**, Page, B.C. On the nature and significance of the radiation outside the beam in neutron therapy 8-53477
- Bewley, D.K.** *see* Waterman, F.M. 8-73249
- Beyec, Y.L.** *see* Le Bec, Y.
- Beyeler, H.U.**, Hibma, T. The sodium conductivity paths in the superionic conductors $\text{Na}_2\text{RESi}_4\text{O}_{12}$ 8-91482
- Beyeler, H.U.** *see* Bruesch, P. 8-79695
- Beyer, A.T.**, Wolff, I. On the representation of the magnetic field of two-dimensional, homogeneously and inhomogeneously magnetized bodies 8-78849
- Beyer, E.**, Biederick, R., Hofstaetter, A., Oeder, R., Scharmann, A., Schwabe, D., Vitt, B. Some features of the creation of intrinsic hole centres in scheelite type crystals 8-64274
- Beyer, H.F.**, Folkmann, F., Mokler, P.H., Scharner, K.-H. X-ray transitions in few-electron Ne ions excited by 1.4 MeV/amu very heavy ion impact on Ne atoms 8-66641
- Beyer, H.F.** *see* Hippler, R. 8-70913
- Beyer, M.**, Jahne, H.-J., von Olshausen, R. The effect on the initiation phase of partial-discharge behaviour of epoxy resin of field strength, temperature and internal mechanical stresses 8-72461
- Beyer, R.T.** Radiation pressure—the history of a mislabeled tensor 8-59178
- Beyer, W.**, Mell, H., Gill, W.D. Hall effect and magnetoresistance of (SN)_x films 8-84314
- Beyer, W.**, Street, G.B. Electrical properties of (SN)_x films 8-91782
- Beyermann, K.** Trace analysis of organic compounds 8-85255
- Beynon, J.H.**, Morgan, R.P. The development of mass spectroscopy: an historical account 8-56928
- Beynon, W.J.G.**, Williams, P.J.S. Incoherent scatter of radio waves from the ionosphere 8-81503
- Beys, L.** *see* Durand, J. 8-52507
- Beysens, D.**, Garrabos, Y., Perrot, F. Probability distribution of singly and multiply scattered light near the critical point of a binary mixture 8-56494
- Beysens, D.**, Zalczer, G. A method for the rapid evaluation of critical multiple scattering 8-84594
- Beyth, M.** A comparative study of the sedimentary fills of the Danakili Depression (Ethiopia) and Dead-Sea Rift (Israel) 8-69347
- Bez, W.** *see* Bauer, G.P. 8-71557
- Bezak, V.** Path integrals for inertialess classical particles undergoing rapid stochastic trembling. I. Examples 8-57858
- Bezak, V.** Path integrals for inertialess classical particles undergoing rapid stochastic trembling. II. General theory 8-57859
- Bezanilla, F.**, Taylor, R.E. Temperature effects on gating currents in the squid giant axon 8-96037
- Bezborodova, S.I.**, Beletskaya, O.P., Tishchenko, G.N., Zhukhlistova, N.E., Nazimova, N.V. Crystallization and preliminary X-ray diffraction study of guanil ribonucleases of fungi 8-71718
- Bezdidko, S.N.** Use of orthogonal polynomials in the case of optical systems with annular pupils 8-50714
- Bezemer, J.** *see* Schins, W.J.H. 8-64560
- Bezerra Coutinho, F.A.** *see* Adhikari, S.K. 8-54714
- Bezikovitch, A.Ya.**, Shapiro, E.Z. Methods and equipment for precision AC power measurements in the audio range 8-77939
- Bezler, P.** *see* Hsieh, S.Y. 8-54925
- Bezlyudnyi, S.V.**, Kolesnikov, N.V., Shik, A.Ya. Hall mobility in p-type silicon irradiated with fast electrons 8-56165
- Beznosikov, B.V.** Crystal chemistry of halide compounds ABX₃ with the perovskite structure 8-95042
- Beznosikov, B.V.** *see* Aleksandrov, K.S. 8-51664, 8-60419
- Beznosikov, B.V.** *see* Bazhan, A.N. 8-60270
- Beznosikov, B.V.** *see* Buznik, V.M. 8-88200
- Beznosyuk, S.A.**, Khon, Yu.A., Kuznetsov, V.M., Fadin, V.P. The functional spin-density method and the ground state of solids. II 8-51914
- Bezobchuk, V.K.**, Brik, A.B., Matyash, I.V., Fedotov, Yu.V. Influence of temperature on spin-spin interactions of nitrogen and nickel centers in diamond 8-88177
- Bezot, P.**, Ostrowsky, N., Hesse-Bezot, C. Light scattering data analysis for samples with large polydispersities 8-50702
- Bezotosnii, I.Yu.** *see* Nikolaev, I.N. 8-80266
- Bezotosnyi, I.Yu.**, Epikhin, V.M., Nikolaev, I.N. Superparamagnetism of finely dispersed iron 8-68303
- Bezotosnyi, V.F.** *see* Chaplygin, V.I. 8-53131
- Bezrodnyi, M.K.**, Alekseenko, D.V. The intensity of heat transfer in the boiling section of evaporative thermosiphons 8-67017
- Bezrodnyy, M.K.**, Elekseyenko, D.V. Boiling heat transfer in closed two-phase thermosiphons 8-90686
- Bezrukikh, V.V.** *see* Verigin, M.I. 8-96418
- Bezrukov, V.I.** *see* Nagorniy, V.S. 8-75230
- Bezryadin, N.N.** *see* Synorov, V.F. 8-64057
- Bezuglov, N.N.** Radiation capture in cylindrical volumes of finite dimensions 8-66500
- Bezuglov, N.N.**, Dobrolezh, B.V., Klyucharev, A.N., Sepman, V.Yu. Optical excitation in radiation diffusion conditions 8-55227
- Bezugly, A.I.**, Shevchenko, S.I. Dynamic scheme for 'dirty' systems with electron-hole coupling 8-76187
- Bezugly, E.V.** Effects of shape and topology of the Fermi surface on thermal conductivity of superconductor intermediate state 8-72314
- Bhadra, D.K.** *see* Harder, C.R. 8-87478
- Bhadram, C.V.V.** *see* Sastry, V.U.K. 8-67276
- Bhaduri, R.K.**, Sprung, D.W.L. Density matrix expansion in a solvable model 8-50099
- Bhaduri, S.** Radial vibration in a spherical shell of variable modulus of elasticity 8-94607
- Bhaduri, S.** *see* Chattarji, P.P. 8-75068
- Bhadwal, H.S.** *see* Ross, D.A. 8-61057
- Bhagat, S.M.**, Lloyd, J.N., Heiman, N. Spin resonances in amorphous alloy films 8-68389
- Bhagat, S.M.** *see* Malmhall, R. 8-56125, 8-68019
- Bhagiratha Rao, E.** *see* Ramachandra Rao, B. 8-65552
- Bhakar, B.S.** Impact-parameter representation for the forward and backward scattering of N-N with spin 8-58198
- Bhale, G.L.**, Narasimham, N.A. Rotational analysis of the 0-0, 0-10 and 0-11 bands of the $\text{A}^2\Pi_u\text{-X}^2\Pi_g$ band system of $(^{16}\text{O}^{18}\text{O})^+$ 8-58678
- Bhalerao, P.D.** X-ray study of the structure and ionic configuration of FeMnGaO_4 8-55851
- Bhalerao, R.S.**, Waghmare, Y.R. Bound-pion absorption followed by emission of two nucleons 8-54803
- Bhalla, A.** *see* Cross, L.E. 8-84544
- Bhalla, A.K.** *see* Lennon, C.R.A. 8-64501
- Bhalla, C.P.** *see* Tunnell, T.W. 8-74612
- Bhandari, C.M.**, Rowe, D.M. Boundary scattering of phonons 8-55921
- Bhandari, C.M.**, Rowe, D.M. Fine grained silicon germanium alloys as superior thermoelectric materials [thermal conductivity] 8-91495
- Bhandari, N.** *see* Pereygin, V.P. 8-81595
- Bhandari, R.** Visual appearance of a moving vertical line revisited 8-69935
- Bhandari, R.** Spin tests for charmed mesons produced in e^+e^- annihilation at $\sqrt{s}=4.028$ GeV 8-74269
- Bhandari, R.**, Wolfenstein, L. Forbidden decays $\psi' \rightarrow \eta + \psi$ and $\psi' \rightarrow \pi^0 + \psi$ 8-66114
- Bhandari, R.C.** *see* Saxena, N.S. 8-87803
- Bhandari, S.K.**, Barrachin, B., Picou, J.L. On the three dimensional theories of cracked plates 8-67136
- Bhanja, S.** *see* De, U. 8-59533
- Bhanji, A.** *see* Nerheim, N.M. 8-82981
- Bhanji, A.M.** *see* Che Jen Chen 8-79029
- Bhanot, G.**, Rudaz, S. A new potential for quarkonium 8-89666
- Bhanti, D.P.**, Dua, S.K., Kotrapa, P., Pimpale, N.S. Preparation of monodisperse tagged polystyrene aerosol using an aerosol centrifuge 8-92519
- Bhanumathi, A.**, Fazlul Hoque, M.D. Dielectric studies of bromine substituted biphenyls 8-72448
- Bhanumathi, A.** *see* Sambasiva Rao, K. 8-76371, 8-76413
- Bhanumathi, A.** *see* Venkateswara Rao, A. 8-72455
- Bhar, G.C.** Trends of force constants in diamond and sphalerite-structure crystals 8-91408
- Bhar, G.C.** *see* Banerji, S. 8-96558
- Bhar, T.N.**, Linder, J.S. Superlinearity in a Bi-implanted Cd thin film 8-52028
- Bharatha, S.**, Levinson, M. Signorini's perturbation scheme for a general reference configuration in finite elastostatics 8-83241
- Bharatha, S.** *see* Truesdell, C. 8-81938
- Bhardwaj, R.K.**, Dabas, R.S., Lal, J.B. Total electron content observations at Kurukshetra using ATS-6 geostationary satellite 8-69597
- Bhardwaj, R.K.** *see* Singh, L. 8-69599
- Bhargava, R.N.** *see* Seymour, R.J. 8-71105
- Bhargava, S.**, Mehandru, S.P., Rastogi, R.C., Ray, N.K. Floating spherical Gaussian orbital study of lithium cation interaction with water, ammonia and nitrogen 8-82614
- Bhargava, S.C.**, Rup, R., Saxena, R.P., Srivastava, P.K. Dynamics of a pistonless engine capable of utilizing solar energy 8-71277
- Bhargava Shobha** *see* Shobha Bhargava
- Bharti, P.**, Gupta, R.C. Wide line NMR study of some hydrogen bonded solids 8-52362
- Bharti, P.L.** *see* Sharma, B.L. 8-60582
- Bhartia, P.**, Valluri, S. Non-linear scattering of light in the limit of ultra-strong fields 8-79067
- Bhasavanich, D.**, Parker, A.B. The violation of Paschen's law for H₂ and D₂ at very high E/N 8-87570
- Bhasin, S.K.** *see* Parkash, O. 8-92568
- Bhaskar Rao, T.** *see* Radhakrishna, S. 8-76501
- Bhaskara, R.K.** *see* Vasudeva, R.Y. 8-51111
- Bhaskara Rao, D.** *see* Rao, B.S.R. 8-65418
- Bhaskara Rao, P.**, Ramaswamy, A., Agarwala, U. Vibrational analysis of tetra-*u*fur tetranitride nickel (II) 8-90148
- Bhaskara Rao, V.**, Swamy, G.N. Regional magnetic profiles over Cuddapah basin north of 16° parallel 8-85476
- Bhat, A.N.** *see* Mittal, M.L. 8-75431
- Bhat, C.L.**, Razdan, H., Sapru, M.L., Kaul, I.K. An error monitoring and correction circuit for clocks 8-73970
- Bhat, H.L.** *see* Bhat, T.N. 8-75641
- Bhat, P.K.** *see* Katyal, S.C. 8-71780
- Bhat, P.N.**, Murty, P.V.R. A search for heavy leptons in cosmic radiation underground 8-65470
- Bhat, R.**, Ghandhi, S.K. The effect of chloride etching on GaAs epitaxy using TMG and AsH₃ 8-76606
- Bhat, S.P.**, Laird, C. The cyclic stress-strain curves in monocrystalline and polycrystalline metals 8-95786
- Bhat, T.N.**, Bhat, H.L., Rama Rao, A.H., Srinivasan, M.R., Narayanan, P.S. Crystal structure of barium bromofluoride 8-75641
- Bhateja, S.K.** *see* Elias, H.-G. 8-52877
- Bhatia, A.B.**, March, N.H. Surface tension, compressibility, and surface segregation in liquid binary alloys 8-67889
- Bhatia, A.B.**, March, N.H., Sutton, J. Gradient expansion result for surface tension of binary liquid mixtures 8-91509
- Bhatia, A.K.** *see* Mason, H.E. 8-90108
- Bhatia, G.** *see* Aggarwal, R.K. 8-80483
- Bhatia, K.L.** *see* Katyal, S.C. 8-71780
- Bhatia, K.S.** Spectrum of doubly ionised indium 8-78654
- Bhatia, M.L.**, Cahn, R.W. Recrystallization of porous copper 8-76660
- Bhatia, P.K.**, Gupta, P.N. Hydromagnetic stability of a stratified fluid 8-55692
- Bhatia, P.K.** *see* Maheshwari, S.L. 8-53929
- Bhatia, S.N.** *see* O'Connor, C.J. 8-91877
- Bhatia, S.N.** *see* White, J.J. 8-60286
- Bhatia, T.S.**, Hafner, H., Nolen, J.A., Jr., Saathoff, W., Schuhmacher, R., Tribble, R.E., Wagner, G.J., Wiedner, C.A. The mass of ¹⁸B via a three-proton stripping reaction 8-70433
- Bhatia, V.B.** Hard X-ray flares from the Sun 8-89144
- Bhatia, V.B.** *see* Kalra, G.L. 8-79423
- Bhatki, K.S.**, Pradhan, S.D., Thosar, B.V. Further studies on positron lifetimes in γ -irradiated teflon in low dose range 8-76550
- Bhatnagar, C.S.** *see* Srivastava, R.K. 8-56419, 8-88250
- Bhatnagar, G.P.** *see* Kasana, R.S. 8-63012
- Bhatnagar, K.B.**, Gupta, B. Resonance in the restricted problem of three bodies with short-periodic perturbations 8-53803
- Bhatnagar, R.** *see* Andrews, K.J. 8-78991
- Bhatnagar, V.P.**, Jakobsson, T. Lack of effects of solar magnetic sector crossings on the troposphere 8-57244
- Bhatnagar, V.P.**, Jakobsson, T., Larsen, M.F. Comments on the paper 'Lack of effects of solar magnetic sector crossings on the troposphere' 8-88876
- Bhatt, B.C.** *see* Pant, T.C. 8-60509
- Bhatt, K.H.** *see* Ahlpara, D.P. 8-78274
- Bhatt, P.V.** A generalized Kerr-Schild metric and Einstein-Maxwell fields 8-77783
- Bhatt, P.V.**, Patel, L.K. A Kerr-NUT metric and Einstein-Maxwell fields 8-89382
- Bhatt, R.C.**, Lakshmanan, A.R., Chandra, B., Pradhan, A.S. Fast neutron dosimetry using sulphur activation in CaSO_4 :Dy TL dosimeters 8-70648
- Bhatt, R.C.** *see* Lakshmanan, A.R. 8-74542, 8-92707
- Bhatt, R.C.** *see* Pradhan, A.S. 8-73251
- Bhatt, R.N.** Structural transition in A-15 compounds: Possible Landau theory descriptions 8-67824

- Bhatt, V.P.**, Trivedi, S.B. Growth and cleavage of Se-Te alloy crystals 8-88421
- Bhattacharjee, A.** *see* Strachan, J.D. 8-63588
- Bhattacharjee, A.K.**, Coqblin, B. Magnetoresistivity of amorphous rare earth alloys 8-95287
- Bhattacharjee, A.K.**, Coqblin, B., Jullien, R., Plischke, M., Zinbin, D., Zuckermann, M.J. Long-wavelength magnetic excitations in randomly anisotropic ferromagnets 8-84406
- Bhattacharjee, B.J.** Distribution of isotopes among the elements 8-74781
- Bhattacharjee, D.K.** *see* Daftari, I.K. 8-54750
- Bhattacharjee, D.K.** *see* Ghosh, D.C. 8-58210
- Bhattacharjee, R.C.**, Forst, W. A modified statistical theory of collisional energy transfer in thermal reactions 8-60983
- Bhattacharya, A.K.** *see* Gupta, C.L. 8-79672
- Bhattacharya, B.** *see* Bandyopadhyay, P. 8-70299
- Bhattacharya, D.P.**, Kachlishvili, Z.S. Theory of galvanomagnetic effects in a strong electric field 8-56163
- Bhattacharya, D.P.**, Kachlishvili, Z.S. Faraday rotation in presence of attractive traps 8-76081
- Bhattacharya, G.** Bosonization in positive definite Hilbert space 8-49974
- Bhattacharya, G.**, Bilz, H., Brendecke, H., Chandrasekhar, H.R., Migoni, R., Muller, G., Rabenau, A., Reiser, B., Schonherr, E., Schulz, H., Von Alpen, U., Wagner, E. Evidence for N_3^- in Li_3N from its static and dynamic properties 8-60465
- Bhattacharya, H.**, Samaddar, B.N. Formation of a nonstoichiometric spinel on heating hydrous magnesium aluminate 8-76672
- Bhattacharya, P.K.** *see* Majerfeld, A. 8-84163
- Bhattacharya, R.C.** A theory for longitudinal elastic wave propagation in a solid cylinder under an initial stress 8-51116
- Bhattacharya, R.N.** Irregular dispersion of waves and group acceleration 8-89354
- Bhattacharya, R.S.**, Lang, K.G., Scharmann, A., Scharfner, K.H. Continuous emission in the vacuum ultraviolet under energetic inert gas ion bombardment of aluminium 8-84664
- Bhattacharya, S.**, Sarma, B.K., Ketterson, J.B. Ultrasonic observation of a strong pretransitional anomaly near a nematic-smectic-A phase transition 8-75818
- Bhattacharya, S.N.** Rayleigh waves from a point source in a spherical medium with homogeneous layers 8-92790
- Bhattacharya, T.K.** A note on the problem of a paraboloid within a perfect fluid in presence of a point source situated at a point on its axis 8-59360
- Bhattacharyjee, D.K.** *see* Daftari, I.K. 8-58205
- Bhattacharyya, A.B.** *see* Jindal, S. 8-80045
- Bhattacharyya, A.B.** *see* Sudhakar, P. 8-71244
- Bhattacharyya, B.D.** Zeeman effect in the 3d singlet states of H_2 8-50571
- Bhattacharyya, B.K.**, Chan, K.C. Reduction of magnetic and gravity data on an arbitrary surface acquired in a region of high topographic relief 8-61298
- Bhattacharyya, B.K.** *see* Wynn, J.C. 8-61316
- Bhattacharyya, D.K.**, Basu, S. Separation of carrier-free ^{210}Bi and U_1 from ^{210}Pb and U respectively, using silica gel as ion exchanger 8-86961
- Bhattacharyya, D.P.** Kaon-pion ratio from ISR results and the derived sea level muon spectrum from Maeda's model 8-85781
- Bhattacharyya, D.P.** Vertical sea level mesoneutrino spectrum derived from the Goddard Space Flight Center measured nucleon spectrum 8-85782
- Bhattacharyya, D.P.** Energy dependence of the kaon-pion ratio in the phenomenological models of Bull and Maeda [for sea level muon spectra] 8-93064
- Bhattacharyya, D.P.**, Roychoudhury, R.K., Basu, D. Dao scaling model and sea level cosmic ray muon spectrum from Goddard Space Flight Group measured primary proton spectrum 8-61694
- Bhattacharyya, D.P.** *see* Sarkar, K. 8-53780
- Bhattacharyya, J.C.** The solar magnetometer of Kodaikanal Observatory 8-61743
- Bhattacharyya, J.C.**, Kuppuswamy, K. Discovery of a new satellite of Uranus 8-69743
- Bhattacharyya, M.H.**, Guilmette, R.A., Peterson, D.P., Chao, F.C., Lindinbaum, A. Estimation of skeletal plutonium levels based on DTPA-induced radionuclide excretion in feces: Possible application to man 8-85390
- Bhattacharyya, R.** *see* Gopala Rao, R.V. 8-51716
- Bhattacharyya, S.** Disturbances in a general viscoelastic medium due to impulsive forces on a spherical cavity 8-67076
- Bhattacharyya, S.**, Sengupta, P.R. Propagation of waves in a viscoelastic plate immersed in a liquid under the influence of gravity 8-79247
- Bhattacharyya, S.K.**, Basu, S., De, S.K. Effect of particle size on the mechanical properties of poly(vinylchloride)-copper particulate composite 8-95799
- Bhattacharyya, S.K.**, Basu, S., De, S.K., Pal, A.K., Chowdhury, S. Effect of annealing on the electrical resistivity of conductive polyvinylchloride-copper composites 8-68060
- Bhattacharyya, S.K.**, Gibson, A.J., Hammond, E., Sandford, M.C.W., Thomas, L. A steerable laser radar system for atmospheric studies 8-53746
- Bhattacharyya, S.K.**, Sitakara Rao, V., De, K.S. Studies of chemisorption of hydrogen on ceric oxide 8-51821
- Bhattacharyya, S.P.** Accelerated convergence in SCF calculations and the level shifting technique 8-70735
- Bhattacharyya, S.P.** On the correlation of CNDO-bonding parameters with atomic electronegativity 8-74577
- Bhattacharyya, S.S.**, Saha, S. Resonant and inelastic transitions in collision between HCl molecules 8-62883
- Bhattacharyya, S.S.**, Saha, S., Barua, A.K. Small-angle scattering in atom-molecule collisions: an interpretation of experimental results for the Ar-TiF system 8-70915
- Bhattacharjee, S.** *see* Mukherjee, P.S. 8-80273
- Bhattacharjee, S.** *see* Ray, B.K. 8-51637, 8-79493
- Bhattacharjee, S.P.** *see* Jain, G.C. 8-92188
- Bhattscharjee, A.K.**, Coqblin, B. Amorphous rare-earth alloys random-anisotropy antiferromagnetism 8-95428
- Bhaumik, D.**, Dutta-Roy, B., Lahiri, A. The 'Van Der Waals interaction' between loose structures 8-95996
- Bhaumik, D.**, Kastha, G.S. Theoretical studies in rotational isomerism 8-50659
- Bhaumik, M.L.** *see* Bradford, R.S., Jr. 8-63077
- Bhavaraaju, S.M.**, Russell, T.W.F., Blanch, H.W. The design of gas sparged devices for viscous liquid systems 8-83454
- Bhavikatti, S.S.**, Ramakrishnan, C.V. Optimum shape design of pressure vessel and nozzle junction 8-89941
- Bhavsar, S.P.** Inhomogeneities in the universe: an observed power law relating mass fraction to density enhancement 8-57656
- Bhaidy, M.R.** *see* Ghodgaonkar, A.M. 8-56243
- Bhide, V.G.** *see* Jatar, S. 8-60162
- Bhide, V.G.** *see* Rastogi, A.C. 8-84332
- Bhimasankaram, V.L.S.** *see* Varaprasada Rao, S.M. 8-85542
- Bhogeswara Rao, D.**, Nelson, H.G. Influence of temperature and the role of chromium on the kinetics of sulfidation of 310 stainless steel 8-64773
- Bhogeswara Rao, D.** *see* Jacob, K.T. 8-76947
- Bhonsle, B.R.**, Chaudhary, M.S. The complex Laplace-Hankel transformation of generalized functions 8-54156
- Bhoraskar, V.N.** *see* Ghodgaonkar, A.M. 8-56243, 8-72282
- Bhoraskar, V.N.** *see* Ogale, S.B. 8-84277
- Bhowal, P.R.**, McEvily, A.J., Prew, K.M. The role of twinning in the cyclic stress-strain behavior of directionally solidified γ/γ' -8 8-80605
- Bhowmik, B.** *see* Aggarwal, M.M. 8-58173
- Bhowmik, R.K.** *see* Sanderson, N.E. 8-70683
- Bhuloka Reddy, S.** *see* Venkata Ramaniah, K. 8-74332, 8-74335
- Bhumralkar, C.M.** Possible impacts of large solar energy systems on local and mesoscale weather 8-81358
- Bhuniya, R.C.** First stage F centre formation in pure and doped KCl crystals by room temperature X-irradiation 8-67709
- Bhushan, B.**, Jahsman, W.E. Measurement of dynamic material behavior under nearly uniaxial strain conditions 8-85070
- Bhushan, S.**, Kaza, B.R., Pandey, A.N. Some optical properties of rare earth (Dy, Nd and Sm) activated ZnO phosphors 8-80421
- Bhushan, S.**, Pandey, A.N., Rao Kaza, B. Brightness waves of electroluminescence in ZnO:La phosphors 8-52580
- Bhuta, P.G.** *see* Arahmanian, R. 8-53165
- Bhutani, K.K.** *see* Mohlmann, G.R. 8-70874
- Bhutani, P.K.** *see* Dosanjh, D.S. 8-63468
- Bhutra, M.P.** *see* Vaishnav, P.P. 8-58684
- Bhuwan Chandra** *see* Lakshmanan, A.R. 8-74542
- Bhuwan Chandra** *see* Pradhan, A.S. 8-73251
- Bhydt-Hansen, T.** Devices for assisting and replacing the natural circulation of the blood 8-53564
- Bi-Zhen Dong** *see* Dong Bi-Zhen
- Biach, A.El** *see* El Biach, A.
- Biader, U.** *see* Caprino, L. 8-57088
- Biagi, L.A.**, Paterson, J.A. On fabrication and brazing of 120-keV, 65-A, 0.5-sec accelerator grid assemblies 8-66379
- Biagi, L.A.** *see* Fink, J.H. 8-66375
- Biagi, L.A.** *see* Paterson, J.A. 8-66381
- Biagi, S.F.** *see* Batty, C.J. 8-62578
- Biais, J.**, Clin, B., Bellocq, A.-M., Lemaucou, B. Microemulsion viscosity 8-61055
- Bialas, A.**, Czyz, W. Associated multiparticle production and intra-nuclear cascading 8-66262
- Bialas, V.** Ephemerides of the early seventeenth century 8-77659
- Bialas, W.F.**, Loucks, D.P. Nonstructural floodplain planning 8-81246
- Bialas, W.F.** *see* Ball, M.O. 8-81245
- Bialek, J.** *see* Rogoff, P. 8-55011
- Bialkowska, H.** *see* Bartke, J. 8-66169
- Bialkowski, J.**, Szczepankowski, J. A pulse shape discrimination circuit for n and γ multidetector measurements 8-70709
- Bialkowski, J.** *see* Kerek, A. 8-50440
- Bialkowski, S.E.**, Guillory, W.A. Collisionless formation and rovibronic relaxation of CH and OH from the ir multiphoton photolysis of CH_3OH 8-68902
- Bialobrzewski, R.** Certain error of measurement of random signals' mean power 8-89425
- Bialynicki-Birula, I.** *see* Oficjalski, J. 8-89357
- Bianchi, A.**, Ferrario, A., Musci, M. 4-12 μm tunable down-conversion in GaSe from a $LiNbO_3$ parametric oscillator 8-66865
- Bianchi, B.** *see* Appel, E. 8-58513
- Bianchi, M.** *see* Di Paola, M. 8-65097
- Bianco, B.**, Corana, A., Ridella, S., Simicich, C. Calibration procedures for measurements of reflection coefficient 8-89463
- Bianco, P.**, Haladjian, J., Pilard, R. Interaction of gallium with some amino acids with basic or heterocyclic groups 8-53318
- Bianco, W.** Del Del Bianco, W.
- Bianconi, A.**, Jackson, D., Monahan, K. Intrinsic luminescence excitation spectrum and extended X-ray absorption fine structure above the K edge in CaF_2 8-52567
- Bianconi, A.**, Petersen, H., Brown, F.C., Bachrach, R.Z. K-shell photoabsorption spectra of N_2 and N_2O using synchrotron radiation 8-74711
- Bianconi, A.** *see* Bachrach, R.Z. 8-62955, 8-72259
- Bianconi, A.** *see* Petersen, H. 8-94257
- Biangardi, H.J.**, Zachmann, H.G. Influence of the arrangement of the crystals and the structure of the noncrystalline regions on the mechanical properties of polyethylene terephthalate 8-76707
- Biasa, R.S.** *see* De De Biasa, R.S.
- Biasi, R.S.** *see* De De Biasi, R.S.
- Biasi, R.S.** *see* De De Biasi, R.S.
- Biasi, R.** *see* Sergio De Biasi, R.
- Bibber, K.** *see* van Bibber, K.
- Bibee, L.D.** *see* Karig, D.E. 8-53640
- Biberian, J.-P.** LEED and AES study of the Au/AuPb₂ interface 8-71988
- Biberman, L.**, Kovbas'uk, V., Nedospasov, A. Physics of MHD energy conversion 8-75440
- Biberman, L.M.**, Bronin, S.Ya., Brykin, M.V., Mnatsakanyan, A.Kh. Effect of gaseous products of the heat-protective coating destruction on heat exchange near the critical point of a blunt body 8-87251
- Biberman, L.M.**, Bronin, S.Ya., Brykin, M.V., Mnatsakanian, A.Kh. Influence of the ablation on the heat transfer near the stagnation point of a blunt body 8-94736
- Biberman, L.M.**, Vinogradov, A.P., Vorob'ev, V.S., Filinov, V.S. Development of ionization instability in plasma with a variable direction of the mean current 8-83558
- Bibikova, M.A.** *see* Boguslavskii, L.I. 8-64933
- Bibilashvili, Yu.K.** *see* Tsykanov, V.A. 8-86582
- Bibl, K.**, Reinisch, B.W. The universal digital ionosonde 8-73577
- Biblarz, O.** Electrodynamic spectral anemometer 8-87422
- Biblarz, O.**, Barto, J.L., Post, H.A. Gas dynamic effects on diffuse electrical discharges in air 8-81294
- Bibrosch, L.**, Sandulovicu, M. Column head oscillations—an ionization-diffusion instability 8-67516
- Bicerano, J.**, Marynick, D.S., Lipscomb, W.N. Basis set and electron correlation effects on the total electron density in H_2O , H_2S and BH_3 8-74581
- Bich, E.N.** *see* Vorob'ev, N.A. 8-56674
- Richard, V.M.**, Coombs, A., Daniels, M.R. The effect of applied tensile stress on the domain structure of grain oriented Si-Fe 8-95462
- Bichkov, Yu.I.**, Khuzeev, A.P., Korolev, Yu.D., Rizhov, V.V., Volkova, S.B. Investigation of the influence of added neon on the recombination decay of a helium plasma generated by an electron beam 8-59545
- Bick, R.**, Hutzenreuter, P. Determining porosity in the compact substance by means of the T.A.S. Leitz two-dimensional image analysis system 8-92753
- Bickelhaupt, F.** *see* Popp, F. 8-50562
- Bickermann, A.**, Spitzer, H., Stiller, H., Lechner, R.E., Scherm, R., Volino, F., Meyer, H. Neutron scattering in solid hydrogen 8-79693

- Bickerton, R.J.** Survey of Tokamak experiments 8-59662
- Bickerton, R.J.** Resistive toroidal equilibria of Tokamak plasmas 8-83595
- Bickerton, R.J.** Progress in Tokamak and stellarator experiments 8-94122
- Bickes, R.W., Jr.** see Bacon, F.M. 8-54505
- Bickford, K.J.** see Kemp, E.L. 8-74485
- Bickford, L.R.,** Greene, R.L., Gill, W.D. Pressure dependence of superconductivity in (SN)_x 8-68106
- Bickford, R.G.** see Nunez, P.L. 8-69035
- Bickley, R.I.,** Metcalfe, L.P. Interaction of oxygen with zinc surfaces 8-64886
- Bickley, W.P.** see Carpenter, R. 8-79035
- Bicknell, J.** see Brotherton, S.D. 8-51926
- Bicknell, R.W.** The interpretation of X-ray diffraction data from thin epitaxial lead tin telluride crystals. II 8-51832
- Bida, G.V.,** Mikheev, M.N. A coercivity meter with a portable display system 8-53135
- Bida, G.V.,** Mikheev, M.N. Design of a coercimeter with a cylindrical attachable electromagnet 8-76809
- Bida, G.V.** see Aronson, E.V. 8-72799, 8-72972, 8-72973
- Bida, G.V.** see Mikheev, M.N. 8-73007
- Biddulph, M.W.,** Meachin, A.J. The effect of high magnetic fields on the vapour liquid equilibrium data for nitrogen/oxygen 8-91429
- Bideau, D.,** Troadee, J.P., Meury, J.L., Rosse, G., Dang Tran Quan Simultaneous measurements of thermoelectric power and thermal conductivity of small samples from 100 to 300K 8-77911
- Bieber, A.** see Weill, G. 8-52358
- Biehl, K.J.,** Klein, M., Nahnauer, R. Resonance production and correlations of neutral and charged pions 8-86456
- Biehl, K.-J.** see Becker, L. 8-86446
- Biedenbach, J.M.** see Grayson, L.P. (editor) 8-81779
- Biederbeck, R.,** Hofstaetter, A., Scharmann, A. Crystal fields in the point charge lattice of scheelite-type species 8-80111
- Biederbeck, R.** see Beyer, E. 8-64274
- Biedermann, K.** see Ek, L. 8-71055
- Bieganski, Z.** see Opyrchal, J. 8-84439
- Biegelsen, D.K.,** Knights, J.C., Street, R.A., Tsang, C., White, R.M. Spin dependent luminescence in hydrogenated amorphous silicon 8-72589
- Bieger, P.T.,** Ten Haaf, F.E.L. A radio-active isotope as a label: liquid scintillation analysis in practice 8-82586
- Bieger, W.,** Dippel, K.H., Richter, F., Ussellmann, E. Performance of a turbomolecular pump in a pulsed magnetic field 8-50402
- Bieger, W.,** Dippel, K.H., Wolf, G.H. On a criterion for plasma-wall-interaction in a reactor 8-89981
- Biegert, E.,** Carroll, J., Dragoset, W., Jr., Klem, R., Leskar, J., Marshak, M.L., McClelland, J., Mulera, T., Peterson, E.A., Roberts, J.B., Ruddick, K., Talaga, R., Wriekat, A. Analyzing power in the reactions $p+d \rightarrow d+p$ and $p+p \rightarrow d+\pi$ at GeV energies 8-93901
- Biegler, T.** Reduction kinetics of a chalcopyrite electrode surface 8-56897
- Biegun, T.,** Bruckman, A., Mrowec, S. High-temperature sulfide corrosion of cobalt-chromium alloys 8-64775
- Biehl, R.,** Plato, M., Mobius, K. The g-factors of planar and non-planar hydrocarbon radicals π - σ delocalization 8-58580
- Biehl, R.** see Fey, H.-J. 8-55190
- Bielawski, W.B.** Glass vessel optical conductors with low losses for communication purposes 8-66925
- Biele, B.** Closed-circuit cooling in a nuclear power station with high-temperature reactor and helium turbine 8-74426
- Bielecki, E.A.** see Heppner, J.P. 8-85807
- Bielefeld, M.** Electronic micrometers and their applications 8-65903
- Bielle-Daspert, D.,** Gasset, G., Johan, A. Electrical properties of p-type polycrystalline silicon films achieved on graphite substrates 8-64154
- Biem, W.** see Diehl, H.W. 8-75783
- Biem, W.** see Mertens, F.G. 8-84161
- Biemann, L.H.,** de Graaf, A.M., Kossler, W.J., Fiory, A.T., Stronach, C.E., Lankford, W.F., Lynn, K.G. Spin freezing in MnO₂·Al₂O₃·SiO₂ glass: a muon spin depolarization study 8-68272
- Biemann, K.** see Rushneck, D.R. 8-77460
- Biemont, E.** Abundances of singly-ionized elements of the iron group in the Sun 8-93189
- Biemont, E.,** Grevesse, N., Huber, M.C.E. On the chromium abundance in the solar photosphere 8-69757
- Biemont, E.** see Dun ont, P.D. 8-70919
- Bien, F.** see O'Neil, R.R. 8-89037
- Bien, R.** Long-period effects in the motion of Trojan asteroids and of fictitious objects at the 1/1 resonance. Fictitious objects 8-85830
- Bienenstock, A.** see Wilkinson, M.K. 8-86703
- Bienfait, M.** see Suzanne, J. 8-84063
- Bienias, M.** see Hannemann, J. 8-77852
- Bieniaswski, Z.T.,** Hawkes, I. Suggested methods for determining tensile strength of rock materials 8-96314
- Bieniek, R.J.** Complex potential and electron spectrum in atomic collisions involving fast electronic transitions: Penning and associative ionization 8-94310
- Bienlein, J.K.,** Horber, E., Leissner, M., Niczyporuk, B., Rippich, C., Schmitz, M., Vogel, H., Glawe, U., Heimlich, F.H., Lezoch, P., Strobusch, U., Bock, P., Heinzelmann, G., Pietrzyk, B., Blum, W., Dietl, H., Lorenz, E., Richter, R. Observations of a narrow resonance at 10.02 GeV in e^+e^- annihilations 8-93894
- Bienlein, J.K.** see Armstrong, T.A. 8-89744
- Bienlein, J.K.** see Bartalucci, S. 8-50037
- Bier, K.,** Gorenflo, D., Salem, M., Tanes, Y. Pool boiling heat transfer and size of active nucleation centers for horizontal plates with different surface roughness 8-90652
- Bieri, G.,** Heilbronner, E., Jones, T.B., Kloster-Jensen, E., Maier, J.P. Some aspects of acetylene photoelectron spectroscopy 8-50578
- Bieri, G.,** Jonsson, B.-O. HNC⁺ radical cation studied by charge-exchange mass spectrometry 8-76838
- Biermann, L.** Historical reminiscences of the origins of stellar convection theory (1930-1945) 8-89177
- Biermann, P.** see Smith, L.F. 8-61919
- Biernacki, S.W.** Jahn-Teller coupling of Cr²⁺ ion in ZnS, ZnSe, and ZnTe 8-67997
- Biernat, A.,** Pilawski, M., Zych, Z. Measuring set for testing ferroelectrics 8-88272
- Bies, D.A.** see Fuller, C.R. 8-55486
- Bies, D.A.** see Tonin, R. 8-90397
- Biesel, R.,** Wirtz, P. The BBR pressurised water reactor with straight tube steam generator. I 8-50292
- Bieser, F.S.** see Greiner, D.E. 8-85789
- Biest, O.O.** Van der see Van der Biest, O.O.
- Bieth, C.,** Gouttefangeas, M., Harar, S., Lefort, M. Status report on GANIL 8-55058
- Bigeleisen, J.,** Lee, M.W., Bigelesen, P.E. Approximation of isotopic reduced partition function ratios by the WINIMAX polynomial perturbation method (WIMPER) 8-66530
- Bigeleisen, J.** see Lee, M.W. 8-66529
- Bigeleisen, P.E.** see Bigelesen, J. 8-66530
- Bigelow, R.W.** A CNDO/S assessment of the electronic structure of p-benzoquinone and tetrafluoro-p-benzoquinone 8-70754
- Bigelow, R.W.,** Anderson, R.W. A CNDO/S study on the electronic structure of 1,1'-binaphthyl 8-90084
- Biggers, J.V.,** Venkataramani, S. Preparation and reactivity of lead zirconate-titanate solid solutions produced by precipitation from aqueous solutions 8-84749
- Biggers, J.V.** see Tongson, L.L. 8-76621, 8-76622
- Biggers, R.R.** see Sill, L.R. 8-68183
- Biggin, H.C.** see Hilyard, N.C. 8-53310
- Bigio, I.J.** Radioactive-source preionization of visible and UV discharge lasers 8-63096
- Bigio, I.J.** see Bergmann, E.E. 8-87097
- Bigle, J.P.,** Dubois, C. An X-ray diffractometer specimen cell for recording powder patterns of solid-state-stable coordination compounds at low temperature 8-54515
- Bigler, V.I.,** Lavrenchik, V.N., Yudaev, V.F. Excitation of cavitation in equipment of the hydrodynamic siren type 8-94776
- Bigler, V.I.,** Yudaev, V.F. Nonsteady flow of a real fluid through the ports of a hydrodynamic siren 8-94824
- Bigler, W.N.,** Tolbert, B.M. Enzyme activity and allosteric characteristics of gamma-irradiated solid aspartate transcarbamylase 8-53341
- Bigler, W.N.,** Tolbert, B.M. Sedimentation and subunit interactions of gamma-irradiated solid aspartate transcarbamylase 8-53342
- Bignam, G.F.,** Licht, G.G., Paul, J.A. The contribution of Seyfert galaxies to the low energy gamma-ray background 8-86007
- Bignam, G.F.,** Maraschi, L., Caraveo, P. The contribution of discrete sources to the γ -ray emission of the Galaxy 8-69907
- Bignam, G.F.** see Apparao, K.M.V. 8-61940
- Bignam, G.F.** see Licht, G.G. 8-93481
- Bignam, G.F.** see Swanenburg, B.N. 8-93454
- Bigot, B.** see Devaquet, A. 8-76881
- Bihuniak, P.** see Van Eck, P.I. 8-77367
- Bijaoui, A.,** Marchal, J., Ounnas, Ch. A general system for astronomical image analysis 8-53834
- Bijaouri, A.** see Azzopardi, M. 8-57462
- Bijsterbosch, B.H.,** Lyklema, J. Interfacial electrochemistry of silver iodide 8-80748
- Bijtebier, J.** Nucleon and $\Delta(1236)$ form factors in the relativistic harmonic-oscillator quark model 8-93852
- Bijvank, E.J.** see Diemer, H.K. 8-68363
- Bijvank, E.J.** see Lefferts, A.N. 8-80210
- Bikbaev, N.Kh.,** Ivanov, A.I., Lomakin, G.S., Ponomarev, O.A. Theory of radiationless processes in the 'non-Condon' approximation 8-72599
- Bikbulatov, I.K.** see Kidin, I.N. 8-56823
- Bikchurina, L.Kh.** see Rafikov, S.R. 8-73068
- Bikmukhametov, K.A.,** Bobrik, V.I., Kolomnikov, Yu.D., Mogil' nitskiy, B.S. Helium-neon lasers as standard wavelength sources 8-74957
- Biktashev, T.Kh.** see Deordiev, G.I. 8-72985
- Bilal, B.A.** see Herrmann, F. 8-56900
- Bilan, V.N.,** Grishko, V.G., Koval'chuk, B.I., Lebedev, A.A. Automatic experiment control system for studying mechanical properties of materials under complex stress conditions 8-64802
- Bilaniuk, O.M.,** Fortune, H.T., Middleton, R. Investigation of ¹⁶O excited states via the ¹⁴N(³He,p) reaction 8-89891
- Bilaniuk, O.M.** see Fortune, H.T. 8-70422
- Bilbro, J.W.** see Polge, R.J. 8-73554
- Bilby, B.A.** Fracture 8-79279
- Bilby, B.A.,** Cardew, G.E., Howard, I.C. Stress intensity factors at the tips of kinked and forked cracks 8-67124
- Bild, R.W.** see Scott, E.R.D. 8-65571
- Bilek, O.,** Skala, L. From finite to infinite crystals: analytic solution of simple tight binding model of finite SC, FCC and BCC crystals of arbitrary size 8-84123
- Bilek, Z.,** Kuna, M., Knesl, Z. An analysis of crack tip opening displacement by finite element method 8-59343
- Bilek, Z.** see Vlach, B. 8-68815
- Bilello, J.C.** see Glass, N.E. 8-75774
- Bilen'kaya, S.I.,** Khristova, E.Kh. On deep inelastic ep scattering in the region $\omega=1$ 8-78190
- Bilen'kii, S.M.,** Dadayan, N.A., Khristova, E.Kh. Neutrino processes at high energies and $\nu\nu$ interaction 8-89706
- Bilen'kii, S.M.,** Motts, G.B., Petkov, S.T. P-odd effects in heavy atoms and sign of weak interaction constant 8-93820
- Bilen'kii, S.M.,** Pontecorvo, B.M. Lepton mixing and neutrino oscillations 8-82193
- Bilenky, S.M.,** Pontecorvo, B. Lepton mixing and neutrino oscillations 8-66182
- Bilevich, A.V.** see Vereshchagin, L.F. 8-51267
- Bilger, R.C.** see Wang, M.D. 8-73163
- Bilgram, J.H.,** Guttinger, H., Kanzig, W. Fluctuations of the ice-water interface during solidification 8-59935
- Bilic, N.,** Dacic, I., Martinis, M. On an uncorrelated jet model with Bose-Einstein statistics 8-86445
- Bilic, N.** see Martinis, M. 8-50039
- Bilik, Yu.Z.,** Roitburd, I.A., Astaf'ev, A.A. A digital method of suppressing the edge effect in electromagnetic nondestructive testing 8-56866
- Bilik, Yu.Z.** see Roitburd, I.A. 8-76814
- Bilinkin, V.** see Belogurov, V. 8-82091
- Bilkiewicz, J.** see Wardaszkio, T. 8-74513
- Bill, H.** Parametrization of the measured temperature dependence of the crystal field splitting in axial ⁸S state ion centers 8-91652
- Bill, H.** see De Siebenthal, J.M. 8-95512
- Bill, R.C.,** Shiembob, L.T. Friction and wear of sintered fibermetal abrasible seal materials 8-56785
- Billard, D.** see Gervais, F. 8-60466
- Billard, J.** Monochromatic parallel beam uniformly polarised 8-90339
- Billard, J.,** Mamlok, L. Mesophases of cyclohexane derivatives 8-59747
- Billard, J.** see Warengem, M. 8-58901
- Billard, L.,** Villemain, P., Chamberod, A. Short-range and long-range ordering in ferromagnetic binary alloys 8-76206
- Billard, L.** see Chamberod, A. 8-52218
- Billard, L.** see Roth, M. 8-52219
- Billaud, G.** see Pham-Van, J. 8-61793
- Billen, K.T.,** Gaily, T.D., Lorents, D.C. Ion-pair formation in fast collisions of metastable argon with iodine 8-78787
- Billor, J.E.** see Rushneck, D.R. 8-77460
- Billerey, R.,** Cerutti, C., Chevarier, A., Chevarier, N., Demeyer, A. Nucleon transfer in light heavy ion reactions 8-58304
- Billia, B.,** Capella, L. Irreversible thermodynamics of the cellular growth of a dilute binary alloy monocrystal 8-87635
- Billiet, Y.,** Sayari, A., Zarrouk, H. The systematic determination of space subgroups and of the changes of conventional reference of space groups 8-55823
- Billiet, Y.,** Sayari, A., Zarrouk, H. Wyckoff family association in changes in conventional space group setting and passages to spatial subgroups 8-91289
- Billiet, Y.** see Sayari, A. 8-75610
- Billing, G.D.** Cross sections and rate constants for rotational and vibrational excitation of H₂ and D₂ colliding with ⁴He 8-62879
- Billing, G.D.** On a semiclassical approach to energy transfer in polyatomic molecules 8-90266

- Billing, G.D.**, Poulsen, L.L. Theory of V-V and V-T/R energy transfer for HF ($n=1$ to 7)+HF(0) 8-70907
- Billing, G.D.** *see* Nyeland, C. 8-62880
- Billing, G.D.** *see* Poulsen, L.L. 8-70906
- Billingham, J.** *see* Chubb, J.P. 8-85033
- Billingham, J.** *see* Cocks, G.J. 8-52790
- Billings, B.L.**, Winter, M. Calibration force levels for bone conduction vibrators 8-65046
- Billings, D.E.** *see* Eadon, E.J. 8-89152
- Billingsley, F.C.**, Lauer, D.T. Remote sensing program in Earth resources 8-96330
- Billington, D.P.** *see* Nagyoung Chang 8-90741
- Billman, K.W.** *see* Gower, M.C. 8-74888
- Billmeyer, F.W.**, Wyszecski, G. (editor) Proceedings of the Third Congress of the International Colour Association 8-49882
- Billmeyer, F.W., Jr.** *see* Tak-Fu Chong 8-54425
- Billoire, A.** How to find two more narrow states of charmonium 8-70343
- Billoire, A.**, Lacaze, R., Morel, A., Navelet, H. The OZI rule violating radiative decays of the heavy pseudoscalars 8-89709
- Billoire, A.**, Morel, A. Has asymptotic freedom something to do with charmonium? 8-54534
- Billon, D.**, Couturaud, J.C., Holstein, P.A., Launspach, J., Jacquet, M.L., Patou, C., Rocchiccioli, J.L., Schirrmann, D. Experimental results on implosion experiments performed at Limeil 8-58490
- Billone, M.C.** Status of mechanical properties and models for LMFBR and LWR fuel element modeling 8-86617
- Billotet, C.** *see* Binder, K. 8-71863
- Bills, B.G.**, Ferrari, A.J. Mars topography harmonics and geophysical implications 8-85880
- Billy, M.** *see* Brossard, M. 8-72899
- Billy, M.** *see* Lefort, P. 8-85199
- Billy, M.** *de see* de Billy, M.
- Bilonizhko, N.S.** *see* Kuz'ma, Yu.B. 8-91320
- Bilpuch, E.G.** *see* Lane, A.C. 8-78381
- Bilpuch, E.G.** *see* Westerfeldt, C.R. 8-78377
- Bilson, E.** Solar wind effects on the surface chemistry of lunar grains 8-77501
- Bilt, A.** *van der see* van der Bilt, A.
- Bilton, J.**, Stern, E. Engineering problems of future fusion reactors in the light of TFTR experience 8-54974
- Bilwes, B.**, Bilwes, R., Ferrero, J.L., Garcia, A. Reaction mechanism in ${}^7\text{Be}({}^3\text{He},\alpha){}^8\text{Be}(\text{O})$ and isoscalar giant resonances in ${}^{12}\text{C}$ 8-78341
- Bilwes, R.** *see* Bilwes, B. 8-78341
- Bily, M.**, Kliman, V., Lubusky, P. High cycle fatigue of prestrained components 8-68799
- Bily, M.** *see* Aziz El Dalil, S. 8-60747
- Bilyi, L.M.**, Pokhmurskii, V.I., Shved, M.M., Fedorova, V.A. The role of hydrogen in the kinetics of fatigue fracture of steel U8 8-56800
- Bilz, H.** *see* Bhattacharya, G. 8-60465
- Bilz, H.** *see* Lottner, V. 8-67792
- Bilz, H.** *see* Martin, A.J. 8-75922
- Bilz, H.** *see* Migoni, R. 8-79717
- Bimbot, L.** *see* Couvert, P. 8-78383
- Bimbot, R.**, Della Negra, S., Gardes, D., Gauvin, H., Fleury, A., Hubert, F. Stopping power measurements for 4-5 MeV/nucleon ${}^{16}\text{O}$, ${}^{40}\text{Ar}$, ${}^{60}\text{Cu}$ and ${}^{84}\text{Kr}$ in C, Al, Ni, Ag and Au 8-70720
- Bimbot, R.**, Della Negra, S., Gardes, D., Gauvin, H., Tamain, B. Heavy ion energy measurements by the projected proton method 8-82567
- Bimbot, R.**, Gardes, D., Geissel, H., Schmidt, K.H. Energy measurement at the Darmstadt UNILAC accelerator 8-58527
- Bin-Gan Hao** *see* Hao Bin-Gan
- Binal, M.E.** On the derivation of certain statistical properties of speech 8-80890
- Bincer, A.M.** Raising and lowering operators for the orthogonal groups 8-57737
- Bincer, A.M.** Normalization coefficients for the $\text{O}(n)$ shift operators 8-57738
- Bind, J.** Phase transformation during hot-pressing of cubic SiC 8-52739
- Bind, J.M.** *see* Tongson, L.L. 8-76621, 8-76622
- Bindell, J.B.** *see* Ryden, W.D. 8-72721
- Bindemann, R.**, Schwabe, R., Hansel, T. The 'quasidirect' radiative recombination of free holes at neutral shallow donors in GaP 8-64410
- Binder, A.B.** *see* Arvidson, R.E. 8-61779
- Binder, K.**, Billotet, C., Mirol, P. On the theory of spinodal decomposition in solid and liquid binary mixtures 8-71863
- Binder, K.** *see* Landau, D.P. 8-56337
- Binder, K.** *see* Morgenstern, I. 8-77803
- Binder, K.** *see* Stauffer, D. 8-80172
- Binder, M.D.**, Cameron, W.E., Stuart, D.G. Speed-force relations in the motor units of the cat tibialis posterior muscle 8-80856
- Binder, O.H.**, Shea, M.A., Smart, D.F. The effect of altitude differences and secular changes on the utilization of cosmic-ray variational coefficients 8-93058
- Binding, A.A.** *see* Harding, J. 8-96272
- Bing-Hui Yeh** *see* Auld, B.A. 8-59249
- Bing-Lin Young**, Kuroda, M. Heavy vector mesons associated with $\text{Y}(9.4)$ and the nature of $\text{Y}'(10)$ 8-82187
- Bingel, W.A.** *see* Klahn, B. 8-62691
- Bingham, H.H.** *see* Burnett, T.H. 8-89853, 8-89854
- Bingham, H.H.** *see* Enriquez, O. 8-78170
- Bingham, J.B.**, Maisey, M.N. An evaluation of the use of ${}^{99}\text{Tc}^{\text{m}}$ -dimercaptosuccinic acid (DMSA) as a static renal imaging agent 8-77102
- Bingham, W.G.**, Van Brunt, E.E., Jr. Design and engineering of a three-unit 1300-MW(e) nuclear power plant 8-86578
- Bingo, K.**, Chida, T. Development of directly measuring instrument of β -ray absorbed dose rate: energy independent measurement by discriminator and filter 8-74511
- Bini, M.**, Bizzeti-Sona, A.M., Blasi, P., Focardi, E., Taccetti, N. Isomeric transitions in ${}^{98}\text{Tc}$ 8-82314
- Bini, M.**, Filetti, P.L., Millanta, L., Rubino, N. Amplification of surface magnetic waves in transversely magnetised ferrite slabs 8-72339
- Bini, M.**, Millanta, L., Rubino, N. Interaction of magnetic waves with drifting charges 8-95485
- Bini, M.** *see* Doli, P. 8-70558
- Binkevich, E.V.**, Onishchenko, V.I., Savchenko, V.A. Transverse flexure of a rectangular plate of arbitrary stiffness 8-51084
- Binneke, P.** *see* Altena, D. 8-81366
- Binney, J.** On the rotation of elliptical galaxies 8-54052
- Binney, J.** Twisted and warped disks as consequences of heavy halos 8-65694
- Binney, J.**, Silk, J. Enriched gas in clusters and the dynamics of galaxies and clusters: Implications for theories of galaxy formation 8-77596
- Binney, J.** *see* Aarseth, S.J. 8-96538
- Binney, S.E.** *see* Holter, G.D. 8-70587
- Binnie, A.M.** Some notes on the study of fluid mechanics in Cambridge, England 8-57726
- Binns, R.A.** *see* Groves, D.I. 8-61418
- Binon, F.**, Brieman, C., Jansen, J., Lagnaux, J.P., Stroot, J.P., Duteil, P., Gouanere, M., Peigneux, J.P., Sillou, D., Spighele, M., Vilain, P. Accurate time measurements with plastic scintillation counters 8-82582
- Binon, F.**, Duteil, P., Gouanere, M., Hugon, L., Jansen, J., Lagnaux, J.-P., Palevsky, H., Peigneux, J.-P., Spighele, M., Stroot, J.-P. Scattering of negative pions on helium 8-54804
- Binsbergen, F.L.** Natural and artificial heterogeneous nucleation in polymer crystallization 8-51431
- Binsch, G.** *see* Stephenson, D.S. 8-91963
- Biolsi, L.** Transport properties of the Jovian atmosphere 8-57490
- Biolsi, L.** Transport properties of monatomic carbon [spacecraft entry into planetary atmosphere] 8-87424
- Biondi, M.A.** Objections to the $\text{N}_2^+ + e^-$ dissociative recombination coefficients inferred from analysis of Atmosphere Explorer measurements 8-86957
- Biondi, M.A.** *see* Chou-Mou Huang 8-82854
- Biondi, M.A.** *see* Johnsen, R. 8-61000
- Biondi, M.A.** *see* Sipler, D.P. 8-77401, 8-81473
- Biondi, M.A.** *see* Yueh-Jaw Shiu 8-58817
- Biraben, F.**, Beroff, K., Giacobino, E., Grynberg, G. Relaxation of the $4\text{D}_{3/2}$ and $4\text{D}_{5/2}$ levels of sodium atom perturbed by noble gases 8-50526
- Biraben, F.** *see* Cagnac, B. 8-86977
- Biran-Izak, T.** *see* Alfassi, Z.B. 8-55091
- Biraud, Y.** *see* Moorwood, A.F.M. 8-93353
- Birbrair, B.L.**, Alkharov, G.D., Lapina, L.P., Sadovnikova, V.A. Self-consistent description of low-lying states in double-magic nuclei 8-89783
- Birch, D.C.** *see* Farnell, G.C. 8-62248
- Birch, D.J.S.** *see* Al-Obaidi, S.J. 8-76515
- Birch, F.** Finite strain isotherm and velocities for single-crystal and polycrystalline NaCl at high pressures and 300°K 8-53646
- Birch, J.R.** A modular interferometer for the dispersive Fourier transform spectrometry of gases and vapours 8-89567
- Birch, J.R.**, Murray, D.K. A modular interferometer for dispersive reflectivity measurements on highly absorbing solids 8-89568
- Birch, J.R.** *see* Dromey, J.D. 8-77968
- Birch, K.G.**, Cunningham, G. The practical realisation of a set of standard reference lenses 8-50897
- Birch, M.W.**, Williams, J.G. The effect of rate on the impact fracture toughness of polymers 8-56741
- Birch, M.W.** *see* Williams, J.G. 8-60770
- Birchall, J.**, Durocher, J.J.G., McKee, J.S.C., Ramsay, W.D., Wilk, S.F.J. Single-photon emission following double K-shell ionisation of rubidium 8-50625
- Birchall, J.** *see* McIlwain, A. 8-70660
- Birch, J.L.**, Allegre, C.J. Chronology and chemical history of the parent body of basaltic achondrites studied by the ${}^{87}\text{Rb}$ - ${}^{87}\text{Sr}$ method 8-65561
- Bird, B.**, Daul, C., Day, P. Inter-electron repulsion integrals for three open shell configurations in cubic symmetry 8-90061
- Bird, G.A.** Monte Carlo simulation of gas flows 8-59365
- Bird, J.M.** *see* Bochsler, P. 8-65313
- Bird, J.R.**, Scott, M.D., Russell, L.H., Kenny, M.J. Analysis using ion induced γ rays 8-62502
- Bird, P.F.** *see* Breshears, W.D. 8-61002
- Bird, R.B.** *see* Co, A. 8-67223
- Bird, R.G.**, Chapman, P. A light microscopic attachment for isolating small specific areas from slide embedded monolayers: an aid in electron microscopy 8-53596
- Bird, W.L.**, Grant, G.B., Weldon, W.F., Rylander, H.G., Woodson, H.H. System engineering and design of a pulsed homopolar generator power supply for the Texas experimental Tokamak 8-55016
- Bird, W.L.** *see* Driga, M.D. 8-54953
- Birey, H.** Non-ohmic conduction behaviour in aluminum-embedded aluminum oxide thin films 8-64157
- Birey, H.** Dielectric properties of aluminum oxide films 8-68445
- Birge, R.R.**, Bennett, J.A., Pierce, B.M., Thomas, T.M. Two-photon spectroscopy of the visual chromophores. Evidence for a lowest excited ${}^1\text{A}_g$ -like $\pi\pi^*$ state in all-trans-retinol (vitamin A) 8-64934
- Birgeneau, R.J.** *see* Als-Nielsen, J. 8-94984
- Birgeneau, R.J.** *see* Horn, P.M. 8-95234
- Birgeneau, R.J.** *see* Shapiro, S.M. 8-68162
- Birgul, O.** *see* Yener, G. 8-94037
- Birich, G.N.** *see* Andreeva, T.L. 8-59027
- Biringer, S.** Calculation of axisymmetric jets and wakes with a three-equation model of turbulence 8-67239
- Biringer, P.P.** *see* Lavers, J.D. 8-90342
- Birjega, M.I.**, Topa, V., Teodorescu, V. Study of the growth of vacuum condensed Au particles onto the (100) surfaces of KBr, KCl and NaCl substrates with colloidal centres 8-60579
- Birkeland, A.**, Svare, I. Nuclear spin lattice relaxation in paramagnetic fluorosilicates 8-84494
- Birkeland, J.R.**, Huizenga, J.R., De, J.N., Sperber, D. Heavy-ion fus. on based on the proximity potential and one-body friction 8-50224
- Birkeland, J.R.** *see* Schroder, W.U. 8-89905
- Birkemeier, W.P.**, Fontaine, A.B., Ceslia, G.G., Ma, K.M. Pattern recognition techniques for the detection of epileptic transients in EEG 8-53542
- Birkenmajer, K.** *see* Kruczyk, J. 8-53614
- Birkhoff, G.**, Bondar, L. Application of heterogeneous method for the interpretation of exponential experiments 8-58346
- Birkhoff, R.D.** *see* Glass, F.M. 8-70154
- Birkholz, U.** *see* Bauer, H.P. 8-95299
- Birkholz, U.** *see* Erlandsson, R. 8-63931
- Birkinshaw, M.** A survey of rich clusters of galaxies at 408 and 1407 MHz 8-81694
- Birkinshaw, M.**, Gull, S.F., Northover, K.J.E. Extent of hot intergalactic gas in the cluster Abell 2218 8-86021
- Birkinshaw, M.**, Gull, S.F., Northover, K.J.E. Measurements of the gas contents of clusters of galaxies by observations of the background radiation at 10.6 GHz 8-96551
- Birkle, G.V.B.**, Gavrilov, F.F., Kitaev, G.A., Dvinyaninov, B.L. Computer calculation of a band model for the luminescence of ZnS:Ag,Al crystals 8-52542
- Birks, J.B.** *see* Al-Obaidi, S.J. 8-76515
- Birks, J.B.** *see* Hallam, A. 8-92127
- Birks, L.** *see* Fatemi, M. 8-69517
- Birks, L.S.** Application of low-energy XRF analysis to sulfur determination and to valence-states monitoring in environmental samples 8-85270
- Birks, L.S.**, Gilfrich, J.V., Peckerar, M.C. A compact X-ray fluorescence sulfur analyzer 8-68971
- Birks, N.** *see* Pope, M.C. 8-63858, 8-64776
- Birman, A.Ya.**, Savushkin, A.F. Nonlinear phenomena in a ring laser with an inhomogeneous nonreciprocal element 8-50824
- Birman, A.Ya.**, Savushkin, A.F., Tropkin, E.N. Competition of oppositely travelling waves in a single-isotope ring laser with anisotropic cavity 8-50825
- Birman, J.L.** *see* Cavalheiro, R. 8-59896
- Birman, J.L.** *see* Jaric, M.V. 8-79743
- Birman, J.L.** *see* Lee, T.-K. 8-84139
- Birman, J.L.** *see* Patanayak, D.N. 8-66726
- Birman, Ya.N.** *see* Roikh, I.L. 8-56804
- Birmingham, T.J.** *see* Jones, F.C. 8-53776
- Birmingham, T.J.** *see* Kaiser, T.B. 8-53777
- Birn, J.**, Goldstein, H., Schindler, K. A theory of the onset of solar eruptive processes 8-61840

- Birnbaum, H.** see Shapiro, S.M. 8-91398
- Birnbaum, H.K.**, Camani, M., Fiory, A.T., Gyax, F.N., Kossler, W.J., Ruegg, W., Schenck, A., Schilling, H. Anomalous temperature dependence in the depolarization rate of positive muons in pure niobium 8-80269
- Birnbaum, H.K.** see Au, J.J. 8-64228, 8-68755
- Birnbaum, M.**, Tucker, A.W., Fincher, C.L. CW room-temperature laser operation of Nd:CAMGAR at 0.941 and 1.059 μ 8-66842
- Biro, T.** see Osvay, M. 8-57076
- Biron, A.** see Bui-Quoc, T. 8-85062
- Biro, A.** see Millet, P. 8-78653
- Birrell, K.S.**, Pullar, W.A., Searle, P.L. Weathering of Rotoehu Ash in the Bay of Plenty district 8-85558
- Birrell, N.D.** The application of adiabatic regularisation to calculations of cosmological interest 8-73916
- Birsa, R.** see Fidecaro, G. 8-66157
- Birshstein, T.M.** see Skvortsov, A.M. 8-50672, 8-70992
- Birss, F.W.**, Ramsay, D.A., Till, S.M. Further high resolution studies of the $a^3A_2-X^1A_1$ system of formaldehyde 8-62818
- Birss, R.R.**, Gerber, R., Parker, M.R., Sheerer, T.J. Theory and performance of axial magnetic filters in laminar flow conditions 8-92515
- Birss, R.R.**, Keeler, G.J., Pearson, P., Potton, R.J. A capacitive instrument for the measurement of a large range of magnetostriction at low temperatures and high magnetic fields 8-93742
- Birss, R.R.**, Shepherd, C.H. A capacitance torquemeter suitable for use in a superconducting split-pair magnet from 4 to 300K 8-93743
- Bircher, R.C.**, Averback, R.S., Blewitt, T.H. Saturation behavior of cascade damage production using fission fragment and ion irradiations 8-79643
- Bircher, R.C.** see Brown, B.S. 8-52123
- Birtill, J.J.**, Dickens, P.G. Phase relationships in the system H_2MoO_3 ($0 < x \leq 2.0$) 8-76639
- Birtwell, E.P.**, Coffin, J.B., Covert, E.E., Halde- man, C.W. Reverse Magnus force on a magnetically suspended ogive cylinder at subsonic speeds 8-51153
- Birtwistle, D.T.**, Modinos, A. Dissociative attachment in iodine 8-82850
- Biryukov, S.V.**, Goryshnik, L.L. Scattering of a surface wave in piezoelectric material by a system of metallic electrodes 8-83157
- Biryukov, S.V.** see Agapov, P.P. 8-73980
- Biryukov, T.A.** see Korotaev, A.D. 8-84836
- Biryukov, Yu.P.**, Dmitrievskii, O.D. Control unit for rapid-scan spectrometer 8-74067
- Bis, R.F.** Effect of electrical grounding on electron irradiation of PbSnTe/PbTe heterostructures 8-60194
- Bisaro, R.** see Pearsall, T.P. 8-56591
- Bisch, P.M.** see Troper, A. 8-68226
- Bischel, W.K.** see Flicker, H. 8-71085
- Bischel, W.K.** see Kligler, D. 8-59003, 8-62775, 8-74887
- Bischel, W.K.** see Pun mer, H. 8-50552, 8-58986
- Bischof, G.** see Keane, B. 8-73276
- Bischoff, J.L.** see Seyfried, W.E., Jr. 8-92819
- Bischoff, K.**, Boldt, G., Kaese, H., Nawo, B., Stephan, K.-H. Measurement of the spectral sensitivity of radiation detectors and detector systems in the vacuum ultraviolet spectral range by using a wall stabilized Ar cascade arc according to Boldt as a standard radiator 8-82037
- Bisello, D.** see Esposito, B. 8-66132
- Bisera, J.**, Weil, M.H., Carrington, J.H., Palley, N., Chaffee, M. Vascular interface system for automation of haemodynamic monitoring and therapy 8-81054
- Bisgaard, P.**, Bruch, R., Dahl, P., Fastrup, B., Rodbro, M. Measurement of free-atom K-shell binding energies of light elements 8-50525
- Bish, R.L.** A method of revealing deformation in mild steel 8-72825
- Bishai Khanna, S.S.** On the theory of finite-amplitude standing waves on the surface of perfect liquid of finite depth 8-75155
- Bishari, M.** The bare parameters of Gribov's Lagrangian in a simple t-dependent dual bootstrap model 8-74232
- Bishay, T.Z.** A comparative study of radioactivation, atomic absorption and spectrophotometric techniques applied to the determination of mercury in lead 8-76952
- Bishop, A.R.** Nonlinear collective excitations in superionic conductors 8-55979
- Bishop, A.R.** Non-linear physics: Lattice dynamics, structural phase transitions and solitons 8-59880
- Bishop, A.R.** Universal features in the classical statistical mechanics for a class of continuum-field nonlinear Hamiltonians 8-93543
- Bishop, A.R.**, Trullinger, S.E. Josephson-junction threshold viewed as a critical point 8-56264
- Bishop, B.L.** see Gabriel, T.A. 8-90041
- Bishop, D.J.**, Reppy, J.D. Study of the superfluid transition in two-dimensional ^4He films 8-67877
- Bishop, D.M.**, Cheung, L.M. Ground state properties of HD 8-58576
- Bishop, D.M.**, Cheung, L.M. Accurate expectation values for H_2^+ (and its isotopes) and H_2 8-82624
- Bishop, D.M.**, Cheung, L.M. Radiative corrections to the vibrational energy levels of the $X^1\Sigma_g^+$ state of the hydrogen molecule 8-90094
- Bishop, D.M.**, Cheung, L.M. Moment functions (including static dipole polarisabilities) and radiative corrections for H_2^+ 8-90141
- Bishop, G.B.**, Marafie, A.M. Formation of a response matrix to provide benchmark data for 6 MeV gamma photon penetrations using a NaI spectrometer 8-50432
- Bishop, G.B.**, Marafie, A.M. Experimental benchmark data showing the importance of bremsstrahlung in shielding calculations 8-58350
- Bishop, G.H., Jr.**, Harrison, R.J., Kwok, T., Yip, S. Computer molecular dynamics observations of coupled grain boundary sliding and migration 8-87687
- Bishop, J.M.** see Cason, N.M. 8-82240
- Bishop, J.M.** see Harris, R. 8-82242
- Bishop, J.M.** see Lamsa, J.W. 8-54658
- Bishop, J.N.** see Fortune, H.T. 8-78263, 8-82369
- Bishop, J.N.** see Moselhy, M.M. 8-69514
- Bishop, M.F.** see Mishra, S. 8-75924
- Bishop, R.F.**, Luhrmann, K.H. Electron correlations. I. Ground-state results in the high-density regime 8-72097
- Bishop, R.F.** see Habeeb, M.A.Z. 8-62474
- Bishop, R.F.** see Hawes, C. 8-58243
- Bishop, R.F.** see Modarres, M. 8-58231
- Bishop, S.G.** see Jellison, G.E., Jr. 8-52372
- Bishop, S.G.** see Taylor, P.C. 8-52354, 8-88187
- Bishop, T.P.** see Poole, C.P., Jr. 8-88166
- Bisht, J.S.** see Singh, D. 8-58504, 8-94143
- Bisi, O.**, Calandra, C. The electronic structure of Au monolayer on (001)W 8-72236
- Bisi, O.** see Bertoni, C.M. 8-72232, 8-91744, 8-95332
- Bisi, V.** see Erriquez, O. 8-82195
- Biskamp, D.** Drift-tearing modes in a Tokamak plasma 8-75289
- Bisnovatyi-Kogan, G.S.** On the evolution of dense stellar clusters 8-69852
- Bisnovatyi-Kogan, G.S.**, Bochkarev, N.G., Karitskaya, E.A., Cherepashchuk, A.M., Shakura, N.I. On the turn-off of the reflection effect in the system HZ Her 8-69840
- Bisnovatyi-Kogan, G.S.**, Lamzin, S.A. Models of the outflowing envelopes of T Tau stars 8-96482
- Bisping, H.J.** Method for the detection of spurious signals in the processing of biosignals 8-92722
- Bisschop, E.F.** see Roosegaarde 8-75289
- Bisschop, E.F.** see Bisschop, E.F.
- Bisseck, H.** Phenomenon of the eastern perturbations in the African intertropical arojet 8-61512
- Bissell, P.R.**, Sandiford, D.J. Flux pinning in Pb-Na: a peak-effect superconductor 8-95403
- Bissem, H.H.** see Koch, J. 8-74548
- Bissert, G.**, Hesse, K.-F. Refinement of the structure of germanium (II) sulphide, GeS 8-51484
- Bissinger, H.D.** End messy Polaroid print coats 8-54478
- Bisson, C.L.** see Bauer, W. 8-86690
- Bist, H.D.** see Malhotra, V.M. 8-91949, 8-95516
- Bist, H.D.** see Tayal, V.P. 8-58683
- Bister, M.**, Anttila, A., Keinonen, J. Lifetimes of bound states in ^{22}Na 8-93967
- Bister, M.**, Hautala, M. Calculation of the Lenz-Jensen potential using the third order approximation 8-95099
- Biswas, A.B.** see Chakrabarty, D.K. 8-60122
- Biswas, A.B.** see Palanna, O.G. 8-51991
- Biswas, N.N.** see Cason, N.M. 8-82240
- Biswas, N.N.** see Harris, R. 8-82242
- Biswas, N.N.** see Lamsa, J.W. 8-54658
- Biswas, P.** Large deflection of ϵ heated cylindrical shell 8-63289
- Biswas, P.** Vibrations of irregular-shaped orthotropic plates resting on elastic foundation under inplane forces 8-79251
- Biswas, P.** Large deflection of heated equilateral triangular plate 8-83250
- Biswas, P.K.** Are quasi-stellar objects gravitational masers? 8-54071
- Biswas, S.**, Durgaprasad, N., Sarkar, S., Venkatavaradan, V.S. Properties of low energy ions observed in the Skylab cosmic ray experiment 8-69632
- Biswas, S.** see Sarkar, S. 8-66456
- Biswas, S.C.** see Boivin, A. 8-58888
- Biswas, S.N.** see Trappeniers, N.J. 8-70125
- Biteman, V.B.**, Gunder, O.A., Senchishin, V.G. The influence of donor excimers on resonant energy transfer 8-76530
- Bitter, W.R.** see Marker, A.J. 8-52169
- Bittar, A.**, Lesueur, D. Quenching and annealing of defects in bismuth and its dilute alloys [electrical resistivity] 8-87973
- Bittencourt, J.A.**, Sahai, Y. F-region neutral winds from ionosonde measurements of hmF2 at low latitude magnetic conjugate regions 8-81477
- Bitter, F.** see Stauch, M. 8-80962
- Bitter, M.**, Paris, P.J. Current driven weak ion acoustic turbulence in a magnetised plasma 8-59594
- Bittner, H.F.** see Oesterreicher, H. 8-56350
- Bitto, H.** see Brickmann, J. 8-74562
- Bityurin, V.A.**, Medin, S.A. Selection of the optimal configuration of the frame and the form of the transverse cross section of a frame-type MHD channel 8-91164
- Bivas, A.** see Honerlage, B. 8-72509
- Bixler, J.W.** see Gaarenstroom, P.D. 8-92527
- Biyaajima, M.**, Miyamura, O. Inclusive three negative pion correlation functions in the central region and Mueller scheme with the Bose-Einstein statistics 8-93915
- Biyaajima, M.**, Miyamura, O., Nakai, T. An analysis of three-negative-pion semi-inclusive distributions in terms of the Kopylov-Podgoretsky-Coconi formulation 8-89761
- Biyskhin, V.N.** see Gerasimov, V.I. 8-95040
- Bizard, G.**, Laville, J.L., Le Brun, C., Lecolley, J.F., Lefebvres, F., Osmont, A., Regimbart, R., Steckmeyer, J.C., Berger, J., Duflou, J., Goldzahl, L., Plouin, F., Oostens, J., Fabbri, F.L., Picozza, P., Satta, L. Energy dependence measurements of the reaction $\text{d} \rightarrow ^3\text{He} \text{ n}$ in the intermediate energy region 8-54643
- Bizard, G.** see Plouin, F. 8-74364
- Bizard, G.** see Schmitt, R.P. 8-94024
- Bizard, G.** see Wozniak, G.J. 8-62585
- Bizette, H.**, Denis, A.-M. The electric birefringence of CFCl_3 in the liquid state 8-88278
- Bizid, A.**, Defrain, A., Bellissent, R., Tourand, G. Neutron diffraction investigation and structural model for liquid gallium from room temperature up to 1303K 8-51405
- Bizid, A.** see Badiali, J.P. 8-75528
- Bizot, J.C.** see Quenzer, A. 8-70370
- Bizouard, H.**, Boxho, P. Presentation of a mini-computer driven microprobe 8-74111
- Bizzaro, W.** see Rosenthal, J. 8-72389
- Bizzeti-Sona, A.M.** see Bini, M. 8-82314
- Bjarnan, S.** see Hagstrom, L. 8-68415
- Bjarnard, B.E.** see Arnold, B.A. 8-69199
- Bjarnard, B.E.** see Cobb, P.D. 8-85384
- Bjarnard, B.E.** see Gould, R.G. 8-53483
- Bjarnard, B.E.** see Kijewski, P.K. 8-65125
- Bjarnard, B.E.** see Larsen, R.D. 8-65126
- Bjarnov, E.**, Hocking, W.H. The structure of the other rotamer of formic acid, cis-HCOOH 8-55169
- Bjelis, A.**, Barisic, S. Charge density wave ordering in chain conductors 8-79731
- Bjelis, A.**, Barisic, S. Three-dimensional ordering in HMTTF-TCNQ 8-95152
- Bjelkhagen, H.J.** Experiences with large-scale reflection and transmission holography 8-78975
- Bjerkman, L.**, Fossheim, K. Theory of Rayleigh wave generation by surface piezoelectricity in dielectrics 8-71925
- Bjerre, A.** see Lies-Nielsen, I. 8-63524
- Bjerregaard, J.H.**, Ellegaard, C., Knudsen, P., Lien, J.R., Lovhoiden, G., Rekestad, J. Direct population of collective states in ^{205}Pb 8-74376
- Bjerrum Moller, H.** see Niimura, N. 8-83719
- Bjork, C.W.** see Bonner, B.E. 8-50173, 8-50174
- Bjork, C.W.** see Riley, P.J. 8-70389, 8-70534
- Bjorke, M.D.** see Gordon, M.S. 8-82643
- Bjorkholm, J.E.** see Bjorklund, G.C. 8-87104
- Bjorkholm, J.E.** see Liao, P.F. 8-90138
- Bjorklund, G.C.**, Ausschnitt, C.P., Freeman, R.R., Storz, R.H. Detection of atomic hydrogen and deuterium by resonant three-photon ionization 8-74624
- Bjorklund, G.C.**, Bjorkholm, J.E., Freeman, R.R., Liao, P.F. Phase matching of 2-photon resonant 4-wave mixing processes 8-87104
- Bjorkstam, J.L.** NMR studies of correlation effects in solids 8-76324
- Bjorkstrom, A.** A note on the relation between average age and average transit time in natural reservoirs 8-81239
- Bjornholm, S.** see Back, B.B. 8-74412
- Bjorno, L.** Excitation of selected modes in shallow-water sound propagation: a new way in underwater acoustics 8-59182
- Bjorno, L.**, Gram, S., Steenstrup, P.R. Some studies of ultrasound assisted filtration rates 8-59504
- Bjorno, L.** see Breazeale, M.A. 8-60017
- Bjorvatten, T.** see Storebo, P.B. 8-57255

- Blaauw, C.**, Mackay, G.R., Leiper, W. Magnetic transitions in Sn doped Mn_2Sb 8-52406
- Blaauw, C.**, MacKay, G.R., Leiper, W. Mossbauer investigation of Mn_2Sb doped with Fe and Cr 8-68432
- Blaauw, C.** see Leiper, W. 8-68424, 8-72439
- Blabla, J.** State of development of a $^3\text{He-Ne}$ laser stabilised by saturated absorption in ^{127}I 8-79034
- Blabla, J.** see Sochor, V. 8-69444, 8-81359
- Blachere, J.R.** see Wood, S. 8-92378, 8-92379
- Blachnik, R.**, Gather, B. Mixing of GeTe, SnTe and PbTe with Ag_2Te to clarify the constitution of the ternary system Ag-IVb-Te ($\text{IVb}=\text{Ge, Sn, Pb}$) 8-84782
- Blachnik, R.**, Kudermann, G., Gronvold, F., Alles, A., Falk, B., Westrum, E.F., Jr. CrAs: heat capacity, enthalpy increments, thermodynamic properties from 5 to 1280K, and transitions 8-91450
- Blachot, J.**, Fiche, C. Gamma-ray and half-life data for the fission products 8-50134
- Blachot, J.** see Pfeiffer, B. 8-78323
- Black, A.M.**, Flint, C.D. Splitting of the $\Gamma_6(A_{2g})$ ground state in Cs_2ReF_6 8-74658
- Black, D.C.** see DeCampi, W.M. 8-89233
- Black, G.**, Sharpless, R.L., Slinger, T.G. Spectra of the collision-induced emission from $\text{S}^{(1)}\text{S}$ 8-82828
- Black, H.D.** An easily implemented algorithm for the tropospheric range correction 8-61591
- Black, J.** see Manz, A. 8-56207
- Black, J.E.** A calculation of the electron-electron scattering contribution to the electrical resistivity of copper 8-64023
- Black, J.H.** Molecules in planetary nebulae 8-53998
- Black, J.H.**, Hartquist, T.W., Dalgarno, A. Models of interstellar clouds. II. The ξ Persei cloud 8-93362
- Black, J.H.** see Traub, W.A. 8-93346
- Black, J.H.** see Warner, J.W. 8-69906
- Black, J.J.**, Gilson, T.R., Greenhalgh, D.A., Laycock, L.C. 'CARS' system for chemists is designed around a frequency-doubled YAG laser 8-64906
- Black, J.L.** Relationship between the time dependent specific heat and the ultrasonic properties of glasses at low temperatures 8-59957
- Black, K.J.T.** see Bailey, F.P. 8-67914
- Black, P.C.**, Chang, R.K. Laser-Raman optical multichannel analyzer for transient gas concentration profile and temperature determination 8-73098
- Black, P.C.** see Farrow, R.L. 8-60470
- Blackburn, J.A.** Integrated circuit stellar magnitude simulator 8-81742
- Blackburn, J.A.**, Smith, H.J.T. Dynamics of double-Josephson-junction interferometers 8-68118
- Blackburn, J.A.** see Frota-Pessoa, S. 8-91823
- Blackburn, M.B.** see Boutlier, G.D. 8-82680
- Blackford, B.** see Stroink, G. 8-54126
- Blackman, J.A.** A theory of spin-wave excitations in amorphous ferromagnets 8-80139
- Blackmer, A.M.** see Bremner, J.M. 8-57313
- Blackmore, J.T.** Three autobiographical manuscripts by Ernst Mach 8-86098
- Blackstead, H.A.** see Hart, S.C. 8-72378
- Blackstead, H.A.** see Sylvestre, J.G. 8-52334, 8-68307
- Blackstock, D.T.** see Webster, D.A. 8-55490
- Blackwelder, R.F.**, Eckelmann, H. The spanwise structure of the bursting phenomenon 8-90855
- Blackwell, A.T.** see Halliday, I. 8-65563
- Blackwell, B.A.**, Polanyi, J.C., Sloan, J.J. Effect of changing reagent energy. IX. Dependence of reaction rate on rotational excitation in $\text{HX}(\text{J}, \nu) + \text{Na} \rightarrow \text{H} + \text{NaX} (\text{X}=\text{F, Cl})$ 8-64818
- Blackwell, C.S.**, Degen, P.J., Osterholtz, F.D. Internal reflectance spectroscopy of reacted surfaces: fluorinated polyethylene and polypropylene 8-86340
- Blackwell, J.** see Scott, D. 8-64732
- Blackwell, R.A.** see Pilliar, R.M. 8-72870
- Blad, B.L.** see Verma, S.B. 8-92907
- Blade, R.A.** Sequential timer for multichannel strip-chart recordings [for teachers] 8-81754
- Blade, R.A.**, Small, C.T. A low-cost electronic solar energy control [for teachers] 8-81753
- Blades, J.C.** see Elliott, K.H. 8-93288
- Blaedel, W.J.**, Mabbott, G.A. Pyrolytic carbon film electrode 8-92487
- Blagoev, A.B.**, Kolokolov, N.B., Lyagushcheno, R.I., Pramatarov, P.M. Electron energy distribution in an afterglow. III. Radial variation 8-71570
- Blagoev, A.B.**, Popov, T.K. Investigation of the electron energy distribution function in a neon afterglow plasma 8-63587
- Blagonravov, L.A.** see Filippov, L.P. 8-51696
- Blagoveshchenskaya, N.F.** see Blagoveshchenskiy, B.V. 8-69583
- Blagoveshchenskiy, B.V.**, Blagoveshchenskaya, N.F., Kurchenko, Yu.A. Characteristics of HF signals during auroral substorms 8-69583
- Blagovestova, T.I.** see Aden, V.G. 8-94086
- Blagovestova, T.I.** see Ryabov, A.N. 8-55638
- Blaha, G.** Accurate formula expressing the difference between the normal gravity and its radial component 8-65170
- Blaha, G.** Least squares prediction and filtering in any dimensions using the principles of array algebra 8-69470
- Blaha, J.J.**, Rosasco, G.J., Etz, E.S. Raman microprobe characterization of residual carbonaceous material associated with urban airborne particulates 8-69441
- Blaha, M.** see Jacobs, V.L. 8-87430
- Blaha, S.** Finite-spectrum relativistic wave equation models of the quark and lepton masses 8-74130
- Blahd, W.H.** see Hecht, H.S. 8-61246
- Blair, I.M.** see Onel, Y. 8-82339
- Blair, I.M.** see Waters, G. 8-82599
- Blairs, S.** Predicting the compressibility of liquid metals 8-91370
- Blais, N.C.**, Truhlar, D.G. Ab initio calculation of the vibrational energy transfer rate of H_2 in Ar using Monte Carlo classical trajectories and the forced quantum oscillator model 8-82821
- Blaise, A.**, Fournier, J.-M., Schenkel, R., Mortimer, M.J., Henkie, Z., Wojakowski, A. Physical properties of uranium dipnictides 8-84399
- Blaise, G.** Sputtering of a solid and ion microanalysis (SIMS) 8-80450
- Blaisten-Barojas, E.** see Novaro, O. 8-56891
- Blaivas, A.S.** see Anan'ev, Yu.F. 8-88925
- Blake, C.C.F.** X-ray studies of protein-DNA-hormone interactions 8-53322
- Blake, G.M.** Some evidence supporting the cosmological evolution of flat-spectrum quasars 8-54074
- Blake, J.** see Barakat, R. 8-63011
- Blake, J.B.** see Dearborn, D.S.P. 8-93200
- Blake, J.B.** see Luhmann, J.G. 8-61640, 8-61641
- Blake, J.B.** see Vampola, A.L. 8-61681
- Blake, M.C., Jr.** see Jones, D.L. 8-81136
- Blake, M.C., Jr.** see Lanphere, M.A. 8-81114
- Blake, P.R.**, Hansen, J.S., Nash, W.F., Prescott, I.C. Arrival direction studies on muon-selected EAS 8-73596
- Blake, R.**, Lema, S.A. Inhibitory effect of binocular rivalry suppression is independent of orientation 8-61185
- Blakely, J.M.** see Bader, S.D. 8-71987
- Blakely, J.M.** see Hamilton, J.C. 8-71911
- Blakely, J.M.** see Thapliyal, H.V. 8-71913
- Blakely, J.M.** see Yung-Yi Tu 8-72024
- Blakeslee, E.A.**, Hynson, K., Hamernik, R.P., Henderson, D. Asymptotic threshold shifts in chinchillas exposed to impulse noise 8-57019
- Blakley, C.R.** see Vestal, M.L. 8-66659, 8-66660
- Blalock, T.V.**, Borkowski, C.J. High-level noise source for the calibration of Johnson noise power thermometers 8-82005
- Blamont, J.** see Bertaux, J.L. 8-93136
- Blan, E.** see Grechnev, K.V. 8-53766
- Blancar, G.** see Biennlein, J.K. 8-93894
- Blanc, G.**, Gabrielli, C., Ksouri, M., Wiart, R. Experimental study of the relationships between the electrochemical noise and the structure of the electrodeposits of metals 8-67916
- Blanc, G.**, Riegert, J.P., Seraphin, L., Tricot, R. Study and metallographic description of the chromium loads obtained by reduction of conventional ores 8-68648
- Blanc, J.** A revised model for the oxidation of Si by oxygen 8-92373
- Blanc, J.** see Abrahams, M.S. 8-51835
- Blanc, L.R.** see Le Blanc, L.R.
- Blanc, M.** Midlatitude convection electric fields and their relation to ring current development 8-57395
- Blanc, S.**, Novarini, J.C., Nunez, A.L. Bottom reverberation-derived scattering strengths in shallow water off the Argentinian coast 8-65321
- Blanch, H.W.** see Bhavaraju, S.M. 8-83454
- Blanchard, D.P.** see Floran, R.J. 8-81164
- Blanchard, M.B.**, Davis, A.S. Analysis of ablation debris from natural and artificial iron meteorites 8-61819
- Blanchard, P.**, Jary, P., Delaplace, J. A study of irradiation creep by α -particles in type 316 austenitic stainless steels (17% Cr-13% Ni-2% Mo) 8-72791
- Blanchard, P.**, Tarski, J. Renormalizable interactions in two dimensions and sharp-time fields 8-81882
- Blanchard, P.** see Delpeyroux, P. 8-66349
- Blanchard, W.A.** Ecosystem alteration detection by aerial color infrared photography and satellite multispectral scanner 8-81459
- Blanchard, W.F.** The contribution of 'TRANSIT' to navigation and geodesy 8-57161
- Blanchet, R.** see Bebién, J. 8-77238
- Blanchin, M.G.** see Guermazi, M. 8-67755
- Blanchenhagen, P.** von see von Blanckenhagen, P.
- Blanco, C.**, Catalano, S. Long term light variations of Io and Titan 8-93147
- Blanco, C.** see Linsky, J.L. 8-96475
- Blanco, R.E.** see Witherspoon, J.P. 8-82479
- Bland, D.E.**, Perrott, D.R. Background masking: Detection versus recognition 8-61201
- Bland, R.** see Murray-Rust, P. 8-83644
- Blander, M.** see Saboungi, M.-L. 8-51705
- Blandford, R.D.**, Rees, M.J. Extended and compact extragalactic radio sources: interpretation and theory 8-57670
- Blaney, T.G.** Radiation detection at submillimetre wavelengths 8-93759
- Blaney, T.G.**, Knight, D.J.E., Murray Lloyd, E.K. Frequency measurements of some optically-pumped laser lines in CH_3OD 8-55345
- Blangetti, F.**, Schlunder, E.U. Local heat transfer coefficients on condensation in a vertical tube 8-94553
- Blank, B.** see Schaal, G. 8-67488
- Blank, F.G.** Random vibrations of a plate with random inhomogeneities 8-94613
- Blank, R.E.** see Lucas, D.H. 8-54331
- Blank, S.L.** see Gyorgy, E.M. 8-67857
- Blank, S.L.** see LeCraw, R.C. 8-91706
- Blanke, J.F.**, Overend, J. Normal coordinates and the vibrations of polyatomic molecules 8-78677
- Blankemeyer, J.T.** Demonstration of a pump-mediated efflux in the epithelial potassium active transport system of insect midgut 8-80846
- Blankenbecker, R.** Possible connections between hard and soft processes 8-78154
- Blankenbecker, R.** see Duong-van, M. 8-66091
- Blankenbecker, R.** see Madan, R.N. 8-54227
- Blankert, J.P.** see Kamermans, R. 8-66295
- Blann, M.** Comments on alternate formulations for preequilibrium decay 8-70507
- Blann, M.**, Beckerman, M. Statistical model for nuclei at high excitation and angular momenta: some new considerations 8-86523
- Blann, M.** see Beckerman, M. 8-66312
- Blann, M.** see Plasil, F. 8-54797
- Blanpied, G.** see Fong, J. 8-94008
- Blanpied, G.** see Hoffmann, G.W. 8-62674
- Blanpied, G.S.** see Hoffman, G.W. 8-54760
- Blanpied, G.S.** see Hoffmann, G.W. 8-70526
- Blanpied, G.S.** see Ray, L. 8-74367
- Blanquet, G.**, Walrand, J., Courty, C.P. Vibration-rotation bands of isotopic carbon disulfide at $4.6 \mu\text{m}$ 8-94245
- Blanter, B.E.** Experimental study of accuracy of magnetic angle converters 8-77948
- Blanter, M.E.**, Sobiev, A.S. Change in the proof stress of austenite with the martensitic transformation 8-56638
- Blanter, M.S.** Stress-induced interaction of pairs of point defects in BCC solution 8-79608
- Blanton, J.O.**, Pietrafesa, L.J. Flushing of the continental shelf south of Cape Hatteras by the Gulf Stream 8-81183
- Blanzat, B.** see Pelle, F. 8-68549
- Blaquiere, A.** Fundamental laws of relativistic classical dynamics revisited 8-62074
- Blaquiere, A.** Stochastic model in relativistic wave mechanics 8-86404
- Blaquiere, A.** Discussion of a hypothesis on the origin of the quantum potential in relativistic wave mechanics 8-86405
- Blas, A.** see Arieli, A. 8-76770
- Blaschko, O.**, Ernst, G., Quittner, G., Just, W., Zeyen, C. Diffuse neutron scattering in the metastable pressure region of the NaCl-to-CsCl phase transition in RbI 8-67825
- Blaschko, O.**, Klemencic, R., Weinzier, P., Eder, O.J. Investigation of Bragg reflections in $\alpha\text{-NbD}_3$ under hydrostatic pressure by γ ray diffraction 8-75726
- Blaschko, O.** see Auger, P. 8-92270
- Blasco, S.M.** Probing with TROV 8-61576
- Blasi, A.**, Brajkovic, A. Preliminary investigation on garnets from granitic and migmatitic rocks of the Argentera Massif, Maritime Alps 8-85554
- Blasi, C.** see De Blasi, C.
- Blasi, P.** see Bini, M. 8-82314
- Blasius, J.** see Stoeckel, T.M. 8-76714
- Blasov, S.V.** see Markov, N.G. 8-52904
- Blass, B.** Air-pollution monitoring networks 8-93009
- Blassé, G.** Quenching of luminescence by electron transfer 8-76511
- Blassé, G.**, 't Lam, R.U.E. Some optical properties of aluminum and gallium niobate 8-56516
- Blaszuk, P.R.** see Ball, W.C. 8-55380
- Blatherwick, R.D.**, Kyle, T.C. Computation of absorption by H_2O near 4250 cm^{-1} 8-82729
- Blatia, S.** Embedding classical fields in quantum field theory 8-54223
- Blatnik, S.**, Stahov, J. Contribution of the $\psi(3.1)$ particle to the electromagnetic structure of nucleons 8-50034

- Blattner, P.**, Hulston, J.R. Proportional variations of geochemical ^{18}O scales—an interlaboratory comparison 8—69326
- Blau, W.** *see* Rindelhardt, U. 8—63866
- Blaudeck, P.**, Lenk, R. Multiple scattering in condensed materials. II. Calculation of the density of states for non-crystalline copper and iron 8—91578
- Blaue, J.** *see* Kalthoff, J.F. 8—72867
- Blaue, J.G.** *see* Hollstein, T. 8—72854
- Blauer, J.A.**, Janiak, D., Solomon, W.C. Gain measurements in a chemically produced atomic iodine system 8—63115
- Blauer, J.A.** *see* Zelazny, S.W. 8—71094
- Blauert, J.**, Laws, P. Group delay distortions in electroacoustical systems 8—69105
- Blauert, J.**, Tuttemann, G. Primary-sound suppression in concert halls 8—75014
- Blaugrund, A.E.**, Stephanakis, S.J. Improved technique for measuring intense pulsed ion beams by the nuclear activation method 8—74104
- Blaumoser, M.** *see* Marino, R.E. 8—62627
- Blaut-Blachev, A.N.** *see* Bublik, V.T. 8—79609
- Blay, D.** *see* Peube, J.-L. 8—87343
- Blazek, K.E.** The effect of a substitutional solute element on the diffusivity of an interstitial solute element in a dilute ternary alloy 8—59969
- Blazek, V.**, Muzik, J. Exploitation of an optical coding method in scene analysis 8—82924
- Blazhchishin, A.I.** *see* Kvasov, D.D. 8—57227
- Bleach, R.D.**, Nagel, D.J. Plasma X-ray emission produced by ruby lasers at 10^{12} W/cm² 8—75389
- Bleaney, B.**, Harley, R.T., Ryan, J.F., Wells, M.R., Wiltshire, M.C.K. Energy levels in PrVO_4 8—80226
- Bleaney, B.**, Robinson, F.N.H., Wells, M.R. Nuclear magnetic resonance in holmium vanadate, HoVO_4 8—72422
- Bleay, J.**, Hooper, R.M., Narang, R.S., Sherwood, J.N. The growth of single crystals of some organic compounds by the Czochralski technique and the assessment of their perfection 8—64460
- Blech, I.** *see* Just, M. 8—51861
- Blech, I.A.**, Fraser, D.B., Haszko, S.E. Optimization of Al step coverage through computer simulation and scanning electron microscopy 8—51838
- Blecha, J.**, Veis, S. Monte Carlo studies of chemical reactions in plasma flow 8—61010
- Blecher, M.** *see* Batty, C.J. 8—62578
- Blecher, M.** *see* Freedman, B.M. 8—70571
- Blecher, G.** *see* Greger, G. 8—88620
- Blechschnid, D.** In situ conditioning for proton storage ring vacuum systems 8—74519
- Biehschmidt, D.**, Blewett, M.H., Hubner, K., Hutton, A.M., Johnson, K., Keil, E., Montague, B.W., Resegotti, L., Schnuriger, J.-C., Zettler, C., Zotter, B.W. Studies of 400 GeV superconducting proton storage rings 8—58510
- Bleeker, J.A.M.**, Davelaar, J., Deerenberg, A.J.M., Huizena, H., Brinkman, A.C., Heise, J., Tanaka, Y., Hayakawa, S., Yamashita, K. Observation of the ultra soft X-ray spectrum of HZ 43 8—85941
- Bleha, W.P.**, Lipton, L.T., Wiener-Avnear, E., Grinberg, J., Reif, P.G., Casasent, D., Brown, H.B., Markevitch, B.V. Application of the liquid crystal light valve to real-time optical data processing 8—83102
- Bleha, W.P.** *see* Grinberg, J. 8—79141
- Bleicher, W.** *see* Epple, E. 8—85432
- Bleicher, W.U.**, Nagel, M., Epple, E., Kemter, B., Decker, D. The analysis of recurring beat sequences applied to the checking of long-term electrocardiograms 8—88753
- Bleicher, W.U.** *see* Nagel, M. 8—88754
- Bleichrodt, J.F.** Mean tropospheric residence time of cosmic-ray-produced beryllium 7 at north temperature latitudes 8—85633
- Bleidis, J.J.**, Shvets, A.E., Freimanis, J.F. The characteristic crystal-chemical features of the structure of molecular charge-transfer complexes 8—62942
- Bleier, A.** *see* Haas, E.W. 8—83837
- Bleijenberg, K.C.**, Timmermans, C.W.M. Luminescence and electrical conductivity of uranium-activated sodium fluoride crystals 8—72588
- Blenke, H.** *see* Ipfelkofer, R. 8—59387
- Blenkinsop, J.** *see* Bell, K. 8—61366
- Blenski, T.** The application of the higher-order prompt-jump approximation to the numerical solutions of the reactor kinetics equations 8—74422
- Blenski, T.**, Gadowski, A., Mika, J. Higher order prompt-jump approximation in reactor kinetics 8—50238
- Blerkom, D.** Van *see* Van Blerkom, D.
- Bless, A.** *see* Boxman, R.L. 8—87515
- Blessing, G.** *see* Cullen, J.R. 8—52331, 8—84469
- Blessing, G.V.**, Cullen, J.R., Rinaldi, S. Isotropy breaking magnetoelastic behavior in highly magnetostrictive compounds 8—72386
- Blessing, G.V.** *see* Cullen, J.R. 8—68347
- Blatskan, D.I.**, Gerasimenko, V.S. Effect of changes in the local surrounding of atoms in GeSe_2 glasses on their optical properties 8—80414
- Blatskan, D.I.**, Gerasimenko, V.S., Migolinet, I.M., Shkoba, T.I., Sichka, M.Yu. Problem of the existence of a continuous series of solid solutions $\text{GeS}_2\text{Se}_{1-x}$ 8—52513
- Blatzinger, P.** *see* Darrah, R.C. 8—71410
- Blevin, H.A.**, Fletcher, J., Hunter, S.R. The effect of non-uniformities on the measured transport parameters of electron swarms in hydrogen 8—83613
- Blevin, H.A.**, Fletcher, J., Hunter, S.R. The study of photons from an electron drift tube 8—87566
- Blevin, H.A.**, Fletcher, J., Hunter, S.R. A Monte-Carlo simulation of the behaviour of electron swarms in hydrogen using an anisotropic scattering model 8—91059
- Blevin, W.R.** Photometric innovation at the National Measurement Laboratory 8—82019
- Blewer, R.S.**, Behrlich, R., Scherzer, B.M.U., Schulz, R. Trapping and replacement of 1-14 keV hydrogen and deuterium in 316 stainless steel 8—95070
- Blewer, R.S.** *see* Langley, R.A. 8—95071, 8—95094
- Blewett, M.H.** *see* Blechschmidt, D. 8—58510
- Blewett, P.** *see* Cooper, F. 8—51197
- Blewitt, T.H.** *see* Birtcher, R.C. 8—79643
- Blewitt, T.H.** *see* Brown, B.S. 8—52123, 8—80109
- Bleyvas, I.M.** *see* Andrikanis, L.I. 8—74106
- Blicharski, M.**, Gorczyca, S. Structural inhomogeneity of deformed austenitic stainless steel 8—72827
- Blicharski, M.**, Korgul, P., Gorczyca, S. The effect of plastic deformation on phase separation in the OH25N20Nb and 1H17N12M3G steels 8—92295
- Blickhan, R.** *see* Kotzler, J. 8—76339
- Bligh, T.P.** *see* Abdel-Wahed, R.M. 8—70120
- Blinc, R.** Model of structural phase transitions in $(\text{CH}_3\text{NH}_3)_2\text{CdCl}_4$ -type compounds 8—71834
- Blinc, R.** Spins and pseudospins: NMR and soft collective lattice modes in disordered solids 8—88208
- Blinc, R.** NMR and NQR study of orientational order in chiral and nonchiral biaxial smectics 8—94974
- Blinc, R.**, Burgar, M., Rutar, V., Seliger, J., Zupancic, I. ^{31}P chemical-shift study of the ferroelectric transition in KD_2PO_4 8—76414
- Blinc, R.**, De Sa Barreto, F.C. Electric field induced Lifshits point in smectic liquid crystals 8—71674
- Blinc, R.**, Zeks, B., Tahir-Kheli, R.A. Central-peak and soft-mode dynamics of KH_2PO_4 -type ferroelectrics above T_c 8—87763
- Blinc, R.** *see* Gonzaga, L.V. 8—91932
- Blinc, R.** *see* Hadjoudis, E. 8—70849
- Blinc, R.** *see* Milia, F. 8—52375
- Blinc, R.** *see* Seliger, J. 8—59749
- Blinder, S.M.** *see* Warner, J.W. 8—62734
- Blink, J.A.**, Chin, J.S. Laser fusion deployment scenario 8—58411
- Blink, J.A.**, Walker, P.E., Meldner, H.W. Energy partition and neutron spectra from laser fusion reactor targets 8—58451
- Blink, J.A.** *see* Maniscalco, J.A. 8—50332
- Blinkin, V.L.**, Novikov, V.M. Symbiotic system of fusion and a fission reactor with very simple fuel reprocessing 8—66365
- Blinkov, V.A.**, Pukhovoi, A.P., Shevchenko, E.A., Yusupova, T.A., Bogatyrev, P.V., Khokhlov, A.V., Shchetinin, Yu.T. Organization of information exchange between the oceanographic probe 'Scalar' and the electronic computer 'Minsk-22' during the 10th cruise of the R/V 'Akademik Vernadsky' 8—77363
- Blinks, J.R.** *see* Allen, D.G. 8—61149
- Blinov, A.V.**, Konstantinov, A.N. Cosmogenic ^{26}Al and the intensity of cosmic rays in the distant past 8—61830
- Blinov, I.G.** *see* Barabanov, B.N. 8—51367
- Blinov, L.M.** *see* Kirichenko, N.A. 8—84607
- Blinov, N.N.**, Popova, T.A., Shvartsman, A.Z. Effect of voltage errors of diagnostic X-ray apparatus on image quality of the roentgenograms 8—57060
- Blinov, N.N.**, Sheveiko, I.A. Principles of design of assemblies for general X-ray diagnosis 8—57065
- Blinov, V.A.** *see* Gedeonov, L.I. 8—86699
- Blinov, V.M.** *see* Bannykh, O.A. 8—56666
- Blinov, V.N.** *see* Antonovskii, A.A. 8—77933
- Blinov, V.V.**, Druker, I.G., Zhak, V.D., Karnyushin, V.N., Kiselev, V.Ya., Sapogov, B.A., Safronov, Yu.A., Smolentsev, I.V., Soloukhin, R.I., Fomin, N.A. Gasdynamic CO_2 laser with two-stage expansion of nitrogen 8—71076
- Blinowska, K.**, Piotrkiewicz, M. A study of surface electromyograms by means of digital simulation. II. Spectral analysis of simulated and experimental electromyograms 8—80863
- Blinowski, A.** On the dynamic flow of granular media 8—51217
- Blint, R.J.** *see* Majkowski, R.F. 8—56922
- Bliokh, P.V.**, Minakov, A.A. The possibility of observation of gravitational focusing in the radio wave range 8—81905
- Bliokh, Zh.L.**, Smolyaninov, V.V. Kinematics of spread of fibroblasts. I. Population analysis 8—53352
- Bliokh, Zh.L.**, Smolyaninov, V.V. Kinetics of spread of fibroblasts 8—64955
- Bliokh, Zh.L.**, Smolyaninov, V.V. Kinematics of spreading of fibroblasts. II. Individual locomotor activity 8—69006
- Bliss, D.E.** *see* Fletcher, A.N. 8—71098
- Bliss, E.**, Summers, M., Holloway, F., Johnson, B. Shiva alignment systems 8—59033
- Bliss, E.S.** *see* Fleck, J.A., Jr. 8—55415
- Bliss, E.S.** *see* Godwin, R.O. 8—82989
- Blissett, J.A.** *see* Baker, R.D. 8—70404, 8—89733
- Blissett, J.A.** *see* Gay, M. 8—70405
- Blisanova, T.A.**, Mikhailov, S.K., Rozina, M.V., Rybin, Yu.I., Yablonik, L.M. Optimal conditions of ultrasonic inspection with a given reliability 8—95895
- Blit, S.**, Levy, U. Contour holography using an injection-locked flash-pumped dye laser 8—50737
- Blit, S.**, Tittel, F.K. New laser configuration for high-power CW dye laser operation 8—50806
- Blit, S.**, Tittel, F.K. A convenient cell for angle tuned nonlinear optical crystals 8—55401
- Blit, S.** *see* Stickel, R.E., Jr. 8—83029
- Blobel, V.**, Fesefeldt, H., Franz, H., Geist, W.M., Von Holt, K., Idschock, U., Schmitz, N. Inclusive neutron and Lambda production in proton-proton interactions at 12 and 24 GeV/c 8—58213
- Blobel, V.** *see* Alexander, G. 8—74251, 8—89766
- Blobel, V.** *see* Berger, Ch. 8—62414, 8—89725
- Blobel, V.** *see* Bockmann, K. 8—93912
- Blobel, V.** *see* Idschock, U. 8—93908
- Bloch, A.** *see* Argan, P. 8—82333
- Bloch, A.** *see* Argan, P.E. 8—70512
- Bloch, D.** *see* Beille, J. 8—52191
- Bloch, J.-J.** *see* Christiansen, P. 8—53774
- Bloch, J.M.**, Davidov, D., Felner, I., Shaltiel, D., Dokter, H.D. Electron spin resonance of rare earth ions in metallic beryllides: crystalline field 'single-ion' effects 8—84481
- Bloch, J.M.** *see* Dokter, H.D. 8—52348
- Bloch, M.** *see* Bosetti, P.C. 8—70357
- Bloch, P.** *see* Hansl, T. 8—74244, 8—89698, 8—89860
- Bloch, P.** *see* Holder, M. 8—55103
- Bloch, P.** *see* Lassen, M. 8—53488
- Bloch, P.D.**, Hodby, J.W., Stacey, D.W., Schwab, C. The cyclotron resonance of electrons and of holes in red mercuric iodide HgI_2 8—72061
- Bloch, P.D.**, Schwab, C. Direct evidence for phonon-assisted transitions to the 1s paraexciton level of the yellow exciton series in Cu_2O 8—79934
- Bloch, R.**, Chang, W.V., Tschögl, N.W. Strain independent nonlinearity in peroxide-cured styrene-butadiene rubber 8—59353
- Bloch, R.**, Chang, W.V., Tschögl, N.W. The behaviour of rubberlike materials in moderately large deformations 8—60692
- Bloch, R.J.** Application of portable magnetic equipment to the nondestructive determination of stress in ferromagnetic material 8—53172
- Bloch, S.C.** Effects of pulsewidth on Faraday rotation 8—71540
- Blocher, W.** *see* Decker, D. 8—80933
- Block, D.**, Cox, R.T., Herve, A., Picard, R., Santier, C., Helbig, R. Optically detected ESR of donor-acceptor pairs in lithium doped ZnO 8—80256
- Block, H.**, Bowker, S.M., Walker, S.M. Photoconductivities of poly(N-vinyl carbazoles) containing cation radicals 8—68052
- Block, J.H.** *see* Ernst, N. 8—82852, 8—82853
- Block, L.P.** A double layer review 8—67368
- Block, L.P.** *see* Shawhan, S.D. 8—57397
- Block, M.**, Nakkasayam, A., Irion, J., Navach, F., Muller, F., Nussbaum, M. An analysis of prompt lepton emission at ISR energies 8—93914
- Block, M.** *see* Baum, L. 8—89758
- Block, P.**, Tiberghien, J., Raadschelders, I., Coussaert, E., Lenaers, A., Bourgain, R., Kornreich, F. Diagnostic value of surface mapping recordings registered at rest and during exercise 8—81044
- Block, P.** *see* Lassen, M. 8—53487
- Block, R.C.** *see* Liou, H.I. 8—78371
- Block, R.C.** *see* Singh, U.N. 8—58277
- Block, R.J.** *see* Brothers, E.W. 8—87679
- Block, R.W.** *see* Rauch, P.L. 8—69201
- Block, S.** *see* Piermarini, G.J. 8—83504

- Blocki, J.**, Boneh, Y., Nix, J.R., Randrup, J., Robel, M., Sierk, A.J., Swiatecki, W.J. One-body dissipation and the super-viscosity of nuclei 8-86501
- Blocki, J.** see Beck, F. 8-62567
- Bloem, H.H.**, Goetz, W.E. Star simulator design 8-85814
- Bloem, J.** see Graef, M.W.M. 8-64479
- Bloem, J.** see Van Enckevort, W.J.P. 8-68831
- Bloembergen, J.R.** see Van Bruggen, C.F. 8-91848
- Bloembergen, N.**, Yablonovitch, E. Infrared-laser-induced unimolecular reactions 8-58757
- Bloembergen, N.**, Yablonovitch, E. Collisionless multiphoton dissociation of SF₆: a statistical thermodynamic process 8-82799
- Bloembergen, N.** see Liu, P. 8-83037, 8-84684
- Bloemen, E.** see Mohlmann, G.R. 8-82787
- Bloess, D.**, Boucheron, J., Fiander, D., Grier, D., Krusche, A., Ollenhauer, F., Pearce, P., Riege, H., Schneider, G.C. The control system for the CERN proton synchrotron continuous transfer ejection 8-82552
- Blok, H.** see Veldhuis, J. 8-78866
- Blok, H.P.** see Kamermans, R. 8-66295
- Blok, J.** see Zaai, G.J. 8-82674
- Blok, V.R.** Allowance for the variation in the potential between the atomic sphere in the scattered-wave method 8-86764
- Blokhin, A.V.**, Kolodin, M.I., Rebrin, Yu.I., Romanov, V.A. Kit of instruments for statistical research 8-87215
- Blokhin, S.M.**, Ponomarev, S.S. Doppler effects in X-ray spectra excited by accelerated ions 8-86808
- Blokhintsev, D.I.** Quark dynamics 8-50009
- Blokkijl, R.** see Dionisi, C. 8-89735
- Blokkijl, R.** see Gavillet, P. 8-70409
- Blokkijl, R.** see Gavillet, Ph. 8-89736
- Blokkijl, R.** see Jongejans, B. 8-78177
- Blokkijl, R.** see Kluyver, J.C. 8-82233
- Blokkijl, R.** see Teodor, D. 8-89767
- Blom, C.E.**, Muller, A. Ab initio calculations on the vibrational spectra of fluoromethanes 8-62785
- Blom, C.E.**, Muller, A. A study on the GVFF of CHF₃, CH₂F₂, and CH₃F 8-74635
- Blomberg, E.** see Levine, M.W. 8-58971
- Blomdin, O.** Glass fibre as optical waveguide 8-90525
- Blomquist, J.** On the correlation between the Mossbauer isomer shift and core electron binding energies of iron 8-82620
- Blomqvist, J.** see Bergstrom, I. 8-78307
- Blomsnes, B.** see Karppinen, J. 8-54860
- Blomster, B.** see Asplund, L. 8-50524, 8-50654
- Blondeau, R.** see Balland, B. 8-80049
- Blondel, A.** see Alibrán, P. 8-50026
- Blood, P.**, Orton, J.W. The electrical characterisation of semiconductors 8-60120
- Bloodworth, I.J.** see Baker, R.D. 8-70404, 8-89733
- Bloodworth, I.J.** see Baubillier, M. 8-93877
- Bloodworth, I.J.** see Gay, M. 8-70405
- Bloom, A.**, Hung, P.L.K. Liquid crystalline cholesteryl azo dyes 8-51412
- Bloom, A.** see Williams, R. 8-92490
- Bloom, D.M.**, Liao, P.F., Economov, N.P. Observation of amplified reflection by degenerate four-wave mixing in atomic sodium vapor 8-55413
- Bloom, D.M.** see Liao, P.F. 8-71147, 8-71154
- Bloom, D.M.** see Mollenauer, L.F. 8-79023
- Bloom, E.E.** see Maziasz, P.J. 8-82515
- Bloom, M.** see Dahlquist, F.W. 8-80826
- Bloom, M.** see Davis, J.H. 8-68405
- Bloom, P.J.**, Jones, P.J. Lateralization thresholds based on interaural time differences for middle and high-frequency three-tone harmonic complexes 8-57008
- Bloom, S.** see Alig, R.C. 8-72651
- Bloom, T.F.** Borrowed perceptions: Harriot's maps of the Moon 8-81783
- Bloomer, I.** see Forouhi, A.R. 8-91339
- Bloomer, W.D.** see Dritschilo, A. 8-53476
- Bloomster, C.H.** see Conn, R.W. 8-58418
- Bloomster, C.H.** see Teofilo, V.L. 8-62615
- Bloor, D.**, Hubble, C.L. Temperature dependent optical absorption of partially polymerized diacetylene crystals 8-64376
- Bloor, D.**, Rohde, O. Resonant Raman spectrum of poly-β-ethynynaphthalene 8-70981
- Bloor, D.** see Batchelder, D.N. 8-80373
- Bloor, D.** see Stevens, G.C. 8-52352
- Bloor, J.E.** see Vick, D.O. 8-50575
- Boore, F.J.**, Swarbrick, S.J. Wavefunctions of identical particles 8-49756
- Bloss, F.D.** The spindle stage: a turning point for optical crystallography 8-85702
- Bloss, S.**, Grigull, U. Temperature distribution in deep and shallow lakes 8-85618
- Bloss, S.** see Kubbeck, K. 8-83450
- Bloss, W.H.** see Reinhardt, E.R. 8-58925
- Blosser, H.G.** see Mallory, M.L. 8-93694
- Blote, H.W.J.** see Bonner, J.C. 8-68209
- Blount, E.I.** see Dillon, J.G., Jr. 8-68349
- Bloyet, E.**, Leprince, P., Marec, J., Mitchel, G. Microwave plasma at atmospheric pressure and measurement of its density 8-59674
- Bloyet, E.**, Leprince, P., Marec, J., Moisan, M. Pulsed plasma created by a surface wave 8-75385
- Bludman, S.A.**, Van Riper, K.A. Diffusion approximation to neutrino transport in dense matter 8-93096
- Blue, R.A.** see Weller, H.R. 8-66279
- Bluhm, J.I.** Stability considerations in the generalized three dimensional 'work of fracture' specimen 8-67140
- Bluhm, T.L.**, Zugenmaier, P. Conformation and packing analysis of polysaccharides and derivatives. IV. Triethylamyllose-solvent complexes. TEA1-N, TEA1-C2, and TEA1-DCM2 8-75654
- Blukis, M.**, Lewa, C., Letowski, S., Sliwinski, A. An acoustic and NMR examination of the piezoelectric effect in polyvinylchloride and polyvinylidene fluoride foils 8-60396
- Blum, D.** see Alibrán, P. 8-50026
- Blum, D.** see Krenz, W. 8-54624
- Blum, E.** see Berg, W.F. 8-95314
- Blum, E.Ya.** Approximate solution of the problem of free MHD convection near plane and axisymmetric bodies of arbitrary form 8-94832
- Blum, H.**, Salerno, J.C., Leigh, J.S., Jr. A model for the simulation of the EPR spectra of chromophores in partially oriented membrane multilayers 8-86894
- Blum, J.** see Dei-Cas, R. 8-55760
- Blum, J.J.** see Hines, M. 8-77074
- Blum, J.K.**, Gopel, W. Magnetic structures and stresses in thin films. I. Ferromagnetic resonance experiments 8-72375
- Blum, K.**, Fitchard, E.E., Kleinpoppen, H. Coherent excitation of the n=3 level of hydrogen in a field free region 8-78817
- Blum, N.A.** see Feldman, C. 8-72034
- Blum, P.** see Beetz, R. 8-54806
- Blum, P.** see Pavlopoulos, P. 8-62443
- Blum, P.** see Poth, H. 8-70979
- Blum, P.** see Suffert, M. 8-54642
- Blum, W.** see Binlein, J.K. 8-93894
- Blumberg, W.A.M.**, Jopson, R.M., Larson, D.J. Precision laser photodetachment spectroscopy in magnetic fields 8-55148
- Blumberg, W.E.**, Eisinger, J., Lamola, A.A., Zuckerman, D.M. Hematofluorometer: new defense against an ancient enemy 8-53554
- Blume, H.** see Stewart, R.H. 8-77337
- Blume, H.-J.C.**, Kendall, B.M., Fedors, J.C. Measurement of ocean temperature and salinity via microwave radiometry 8-81416
- Blume, J.A.** Special considerations for seismically active areas 8-82481
- Blume, M.** Comments on quantum systems subject to random pulses 8-86189
- Blume, M.** see Heller, P. 8-86243
- Blume, M.** see Wilkinson, M.K. 8-86703
- Blumen, A.**, Lin, S.H., Manz, J. Theory of vibrational energy transfer among diatomic molecules in inert matrices 8-82822
- Blumen, A.**, Silbey, R. Variational treatment of the proton-phonon system in KDP 8-88261
- Blumenfeld, H.** see Ajinenko, I.V. 8-58206
- Blumenfeld, H.** see Granet, P. 8-93913
- Blumenfeld, M.** Numerical method based on bordering functions 8-81815
- Blumenfeld, M.**, Folea, R. An interpolation method based on two bordering functions 8-81816
- Blumenthal, D.L.** see Husar, R.B. 8-61542
- Blumich, B.P.**, Germer, R. Fast digital two-channel pulse generator for controlling time-resolved experiments 8-93670
- Blumstein, S.E.** see Keating, P. 8-92636
- Blunck, M.** Correlation length of the Peierls distortion 8-87934
- Blurton, K.F.**, Kunz, H.R., Rutt, D.R. Surface area loss of platinum supported on graphite 8-73076
- Blustin, P.H.** A floating Gaussian orbital calculation on argon hydrochloride (Ar.HCl) 8-50467
- Blustin, P.H.** Simple ab initio calculations on electronic structure and magnetism for benzene and borazine 8-74571
- Blustin, P.H.** Simple ab initio calculations using a floating basis. The electronic structure and properties of the rotamers of hydrogen disulphide 8-74572
- Blustin, P.H.**, Dacre, P.D., Whittaker, C.G. Simple ab initio calculations using a floating basis. Comparative study of internal rotation in alkanes and silanes 8-82639
- Blutstein, H.**, Bond, A.M., Norris, A. Simultaneous measurement of the in-phase and quadrature components of the signal in A.C. polarography using multiplier circuitry 8-61119
- Blyashenko, G.S.** see Shklyarevskii, I.N. 8-84672
- Blythe, H.J.**, Dunleavy, L.H. Point-defect relaxations in dilute iron-nickel alloys after low-temperature neutron irradiation 8-52316
- Blyumenfel'd, L.A.**, Davydov, R.M., Kuprin, S.P., Stepanov, S.V. Chemical characteristics of conformational-nonequilibrium states of metal-containing proteins 8-95998
- Blyumenfel'd, L.A.** see Fel', N.S. 8-58877
- Blyumenfel'd, L.A.** see Gol'dfel'd, M.G. 8-64958
- Blyumkina, Yu.A.** see Algazin, Yu.B. 8-49885
- Bo Ching Lu, Rice, S.A.** Determination of the density profile in the liquid-vapor interface near the triple point 8-75821
- Bo-Long Poh** Relationship between Taft and Kirkwood-Westheimer equations 8-62738
- Bo-Yu Hou** see Hou Bo-Yu
- Boag, J.W.** see Barish, R.J. 8-86960
- Boak, R.J.** see Mraw, S.C. 8-75827
- Boase, D.G.** see Campbell, P. 8-68966
- Boase, D.G.** see Chen, J.D. 8-94076
- Boase, D.G.** see Dyck, R.W. 8-59951
- Boase, D.G.** see Vandergraaf, T.T. 8-82459
- Boate, A.R.**, Morton, J.R., Preston, K.F. EPR spectra of hexafluoride radicals 8-68381
- Boate, A.R.**, Morton, J.R., Preston, K.F. Electron paramagnetic resonance spectra of the group 4 hexafluoride anion radicals 8-72411
- Boatner, L.A.**, Abraham, M.M. Electron paramagnetic resonance from actinide elements 8-52337
- Boatner, L.A.**, Hochli, U.T. Local polarizability of quantum ferroelectrics and quantum ferroelectrics 8-64325
- Bobashev, S.V.**, Kharchenko, V.A. Long-range interaction in atomic collisions: polarization of emitted light 8-62902
- Bobashov, V.V.** see Borodulya, L.P. 8-73640
- Bobbio, S.** Energy balance studies for a pulsed, demonstration Tokamak-fusion-reactor 8-54982
- Bobbitt, N.R.** see Isaac, G.A. 8-57352
- Bobbs, B.L.** see Harrington, J.A. 8-66876
- Bober, J.** see Heller, M. 8-70689
- Bobier, C.W.**, Sivak, J.G. Chromoretinoscopy 8-56967
- Bobier, W.R.** see Sivak, J.G. 8-64985
- Bobisud, L.E.** Large-time behavior of solutions of abstract wave equations 8-77723
- Bobisut, F.** see Benvenuti, A. 8-82196
- Bobisut, F.** see Faissner, H. 8-70355
- Bobitskii, Ya.V.**, Gertovich, T.S., Kiyak, S.G., Plyatsko, G.V., Tovstyuk, K.D. Photoelectric characteristics of In₂Se with p-n junctions produced by laser radiation 8-56226
- Bobitskii, Ya.V.**, Kiyak, S.G., Orletskii, V.B., Plyatsko, G.V., Tovstyuk, K.D. Carrier tunneling through a potential barrier in the p-n junctions of Pb_{0.83}Sn_{0.17}Te 8-52074
- Bobleter, O.** see Fruh, R. 8-50408
- Boboshko, N.** Analysis of flux-flow curves in superconductors as a function of temperature 8-84344
- Boboshko, N.**, Pinatti, D.G. Temperature dependence of energy dissipation in type I superconductors 8-76198
- Boboshko, V.S.** see Galkin, A.A. 8-52702
- Bobrenko, V.M.**, Bulgakova, L.V., Voskoboinik, I.A. Stress calculations in threaded pieces from the results of ultrasonic measurements 8-56859
- Bobrik, V.I.** see Bismukhametov, K.A. 8-74957
- Bobrov, A.A.** see Grebennik, V.S. 8-54340
- Bobrov, A.M.** see Efimov, A.B. 8-65547
- Bobrov, A.V.**, Kimel'fel'd, Ja.M., Mostovaya, L.M., Mostovoy, A.B. The low frequency spectra of π-σ complexes 8-78713
- Bobrov, M.S.** Major satellites cause wavy deformation of Saturn's rings 8-57496
- Bobrov, M.S.** Parameters of the solar wind responsible for plasma injection into the region of the magnetospheric ring current 8-96363
- Bobrov, V.P.** Automatic balancing during metal removal on a lathe 8-70118
- Bobrova, G.I.**, Vasil'ev, L.L., Vinokurov, S.K., Morgun, V.A. Heat transfer during the motion of cold gaseous nitrogen in a porous tube 8-59474
- Bobrovskaya, R.S.** see Aver'yanov, V.V. 8-94945
- Bobrovskii, A.P.** see Alabuzhev, Yu.A. 8-74096
- Bobrowicz, F.W.** see Bayburt, P. 8-73026
- Bobrowicz, F.W.** see Hay, P.J. 8-86767
- Bobrysheva, A.I.**, Vybormov, V.I. The biexciton in polar crystals 8-76002
- Bobynkin, B.V.**, Lyubov, S.K., Rastorguev, V.A. Retarding electrostatic prism with increased transmission 8-71022
- Bobynkin, B.V.**, Nevinniy, Yu.A., Chezganova, A.Y., Yakimovich, V.I. Energy properties of radioactive electron emission from tantalum 8-72705
- Bobyl', A.V.**, Ermolovich, I.B., Pekar', G.S., Sheinkman, M.K. The effect of nickel on the electrical, photoelectrical and luminescent properties of cadmium sulphide 8-84259
- Bobyl', A.V.**, Pekar, G.S., Sheinkman, M.K. Dark conductivity and photoconductivity of nickel-doped CdS single crystals 8-76110

- BobyI', A.V.**, Sheinkman, M.K. On luminescence bands energy for ZnS and CdS wide-band compounds 8-68559
- BobyI', V.G.** see Boiko, L.M. 8-68734
- Boca, R.**, Pelikan, P., Valko, L. Maximum overlap approximation calculations on polyatomic molecules. IV. Saturated haloalkanes 8-94198
- Bocanegra, E.H.** see Peraza, J. 8-60382
- Bocanek, L.** The influence of annealing on the distribution and mobility of carriers in phosphorus implanted silicon 8-79995
- Boccara, A.C.** see Fournier, D. 8-62227
- Boccara, A.C.** see Parrot, R. 8-52566
- Boccatto, C.**, Cerutti, S., Pincioli, F., Erminio, F. EEG processing techniques: an experimental comparison between parameters in frequency and time domains 8-57115
- Boccatto, C.** see Beduschi, A. 8-57035
- Boccuzzi, F.**, Coluccia, S., Ghiotti, G., Morterra, C., Zecchina, A. Infrared study of surface modes on silica 8-92063
- Boch, P.**, Dauger, A., Glandus, J.C. Anelastic phenomena related to atomic order in the Fe-Co-2V alloy 8-80579
- Boch, P.** see Besson, J.L. 8-84877
- Bochagov, B.A.**, Bychenkov, V.S., Dmitriev, V.D., Mal'tsev, S.P., Obukhov, A.I., Perfilov, N.A., Udov, V.A., Shigaev, O.E. Measurement of cross section of fission induced by 1 GeV proton bombardment of ^{235}U , ^{232}Th , ^{209}Bi , ^{206}Pb , ^{196}Au , ^{181}Ta , Yb and Sm 8-94041
- Bochans, P.Ya.**, Virtmanis, A.S., Grigale, D.A., Feltn', I.A., Freiberga, L. Electrophysical properties of stain films on silicon 8-52095
- Bocharov, V.N.**, Konstantinov, S.G., Kudryavtsev, A.M., Myskin, O.K., Panasyuk, V.M., Sorokin, A.F., Tsel'nik, F.A. The equilibrium state of a rotating plasma in a mirror trap 8-75259
- Bocharov, V.N.**, Kudryavtsev, A.M., Sorokin, A.F., Ul'yanov, Yu.N. Measurement of spatial distributions of residual gas density and electrical potential in a plasma 8-91153
- Bocharov, V.V.** see Panytyrev, Yu.M. 8-69178
- Bochenin, V.I.**, Krehmer, V.G. Monitoring heat treatment of steels by a nuclear-physics method 8-56834
- Bochev, A.Z.** Improving the convergence of the least squares method in ionospheric data processing 8-85700
- Bochkans, P.**, Vitola, I., Laukmanis, L. Adsorption of organic solvents on silicon surface 8-91537
- Bochkarev, E.P.** see Vil'vidskii, M.G. 8-83825
- Bochkarev, N.G.**, Syunyaev, R.A. Ionizing background radiation and the hydrogen at the periphery of galaxies 8-65729
- Bochkarev, N.G.** see Binsvaty-Kogan, G.S. 8-69840
- Bochkarev, V.F.** see Krasnikova, G.N. 8-67797
- Bochkarev, V.S.** see Koptuyug, V.A. 8-88624
- Bochko, A.V.**, Grigor'ev, O.N., Dzhamarov, S.S., Karyuk, G.G., Mil'man, Yu.V., Trefilov, V.I. Temperature dependence of the hardness of boron nitride 8-60752
- Bochner, N.** see Pipman, J. 8-51781
- Bochove, E.**, Meyer, W., Moore, J.E. Light propagation properties of graded index glass fibers for optical communication 8-83106
- Bochsler, P.**, Stettler, A., Bird, J.M., Weathers, M.S. Excess ^3He and ^{21}Ne in josphinite 8-65313
- Bochsler, P.A.** see Coplan, M.A. 8-85793
- Bochu, B.** see Collomb, A. 8-52214
- Bochu, B.** see Meyer, C. 8-84505
- Bochu, B.** see Vincent, H. 8-51497
- Bochyński, Z.** Surface and near-surface structure of silicate glasses 8-87850
- Bock, C.W.**, George, P., Mains, G.J., Trachtman, M. An ab initio study of the dependence of molecular geometry on basis set. I. Ethylene 8-82636
- Bock, E.** see Gesser, H.D. 8-92216
- Bock, H.** see Balcar, E. 8-74533
- Bock, M.**, Heppke, G., Richter, E.-J., Schneider, F. Electrical conductivity of liquid crystal mixtures with induced smectic phases 8-76068
- Bock, P.** see Bienlein, J.K. 8-93894
- Bock, R.** First results at GSI 8-50194
- Bock, R.** see Eyl, Y. 8-82373
- Bock, R.** see Olmi, A. 8-82375
- Bock, W.J.**, Wisniewski, R. The effect of annealing on the properties of gold-chromium alloy pressure gauges 8-49854
- Bockemöhle, L.P.** see Bond, D.A. 8-81966
- Bockmann, K.**, Heilmann, H.G., Von Holt, K., Idschok, U., Nussbaum, H., Rodel, R., Blöbel, V., Geist, W.M., Luers, D., Laven, H., Sixel, P., Morrison, D.R.O., Saarikko, H., Schmid, P., Muryn, B., Wroblewski, A., Zieminski, A. Investigation of p^+ and p^0 production in π^+p interactions at 16 GeV/c and pp interactions at 24 GeV/c and quark model predictions 8-93912
- Bockmann, K.** see Bartke, J. 8-66169
- Bockmann, K.** see Bosetti, P.C. 8-70357
- Bockmann, K.** see Kirk, H.G. 8-82252
- Bockmann, P.** see Darden, C.W. 8-62415, 8-93895
- Bockmann, R.-D.**, Dudeck, J., Kluss, D., Weber, G. New wave recognition algorithms for the determination of QRS onset and offset in the ECG and VCG of children 8-69225
- Bockmann, R.-D.**, Dudeck, J., Weber, G., Kluss, D. Parametrisation of the templates for the detection of QRS-onset and -offset 8-85438
- Bockris, J.O'M.** see Khan, S.U.M. 8-61027
- Bockstaele, M.** van see van Bockstaele, M.
- Boclet, D.** see Albernhe, F. 8-93107
- Bocquillon, G.**, Epain, R., Lories, C. Volumetric study of the $\alpha \rightarrow \alpha'$ phase transformation of cerium and its implications regarding the crystal structure of α' -cerium 8-83940
- Bocquillon, G.**, Maugrion, J., Lories, J. Polymorphism under pressure of gadolinium digermanate, $\text{Gd}_2\text{Ge}_2\text{O}_7$ 8-95150
- Bocquillon, G.** see Epain, R. 8-49849
- Bocor, W.H.** see Azzam, A.M. 8-76871
- Bodak, O.I.**, Gladyshevskii, E.I., Levin, E.M., Lutsiv, R.V. Magnetic properties of Ce-M-Si system compounds (M=Fe, Co, Ni) 8-56290
- Bodak, O.I.**, Kotur, B.Ya., Gavrilenko, I.S., Markiv, V.Ya., Ivanchenko, G.I. Scandium-iron system phase diagram 8-84773
- Bodak, O.I.** see Kotur, B.Ya. 8-79595, 8-95044
- Bodak, O.I.** see Pecharskii, V.K. 8-95037
- Boddy, K.** see Hayward, J.K. 8-92697
- Boddy, K.** see McHugh, R. 8-69164
- Boddy, K.** see Williams, E.D. 8-53490
- Bodegom, B.** Van see Van Bodegom, B.
- Bodegom, E.**, Coelho, R., Gallagher, T.J. Thickness dependence of the conductivity in PCB liquid crystal 8-91248
- Bodek, A.** see Barish, B. 8-89750
- Bodek, A.** see Brauer, B.C. 8-62386, 8-89699
- Bodek, A.** see Merritt, F.S. 8-66104
- Bodek, K.**, Jarczyk, L., Kamys, B., Wrobel, Z., Muller, R., Unterahrer, J., Lang, J. Investigation of nucleon-unbound states in ^{25}Mg and ^{25}Al nuclei 8-62547
- Bodem, F.** The limits to incoherent optical power launching into lightguides [endoscope application] 8-63193
- Bodem, F.** On the physical dynamics of laser mode sweeping in a Fabry-Perot resonator of varying optical length 8-83001
- Bodem, F.**, Reidenbach, H.-D., Koppen-Borgstedt, G. Gated viewing by holographic range-gating 8-71060
- Bodem, F.** see Reidenbach, H.-D. 8-80945
- Boden, G.** see Brauer, B.C. 8-55812, 8-72629
- Boden, N.**, Hanlon, S.M., Levine, Y.K., Mortimer, M. Effects of dipolar interactions on deuteron nuclear magnetic resonance spin echoes in solids 8-76350
- Boden, N.**, Hanlon, S.M., Levine, Y.K., Mortimer, M. Deuteron nuclear magnetic resonance spin echoes in solids 8-88223
- Boden, N.**, Levine, Y.K. Calculation of NMR spin echo responses in solids 8-88221
- Bodenheimer, J.S.**, Sherman, W.F., Wilkinson, G.R. High-pressure variable temperature Raman studies on hexamethyl benzene crystals 8-56488
- Bodenheimer, P.** Evolution of rotating interstellar clouds. III. On the formation of multiple star systems 8-93366
- Bodenheimer, P.** see DeCampi, W.M. 8-89233
- Bodenheimer, R.E.** see Wintz, P.A. 8-61626
- Bodenseh, H.K.** see Huttner, W. 8-78683
- Bodenstedt, E.**, Perscheid, B. A naive model for the EFG in HCP metals and numerical results for zinc 8-91650
- Bodin, D.** see Chuong, B.T. 8-81378
- Bodin, M.A.** The origin of life. I. The pre-biotic era 8-69460
- Bodin, M.A.** The origin of life. II. Monomers to polymers 8-69461
- Bodlund, K.** On the use of the integrated impulse response method for laboratory reverberation measurements 8-59175
- Bodlund-Ringstrom, B.** see Baverstam, U. 8-88238
- Bodnar, I.T.**, Semchenko, V.K., Fotchenkov, A.A. α - β phase transition in germanium-doped synthetic quartz 8-83945
- Bodnar, I.V.**, Karoza, A.G., Smirnova, G.F. Infrared reflectivity spectra of $\text{CuGa}_2\text{In}_{1-x}\text{S}_2$ solid solutions 8-52498
- Bodnar, R.E.** see Janes, D.L. 8-68230
- Bodnaruk, N.I.** see Tkachenko, Yu.G. 8-60844
- Bodner, S.E.** Inertial confinement fusion at NRL 8-59042
- Bodnava, E.I.** see Revkevich, G.P. 8-63839, 8-63840
- Bodo, V.** Design of the accuracy class of balance measuring instruments on the basis of weighting coefficients 8-49798
- Bodor, G.** see Geleji, F. 8-76709
- Bodryshev, V.V.** Specific fracture energy as the determining parameter for the wear resistance of a material 8-85005
- Bodryshev, V.V.** see Alekseev, V.K. 8-84944
- Bodunova, M.B.**, Razuvaeva, I.N., Serebrennikova, N.A., Khesin, Yu.D., Chechulin, B.B. Nature of embrittlement of α titanium alloys in the process of aging 8-56673
- Bodwin, G.T.**, Yennie, D.R. Hyperfine splitting in positronium and muonium 8-74806
- Bodwin, G.T.**, Yennie, D.R., Gregorio, M.A. Corrections to the muonium hyperfine splitting of order $\alpha^6(m_e^3/m_\mu^2)\ln(m_e/m_\mu)$ 8-94336
- Boe, A.**, Lohne, O. Dynamical properties of multiply scattered light from independent Brownian particles 8-78912
- Boedeker, R.R.** Report on the use of follow-up orals in undergraduate and graduate physics teaching 8-61953
- Boef, J.H.** den see den Boef, J.H.
- Boehler, R.** see Ramakrishnan, J. 8-83899
- Boehm, F.** see Lee, P.L. 8-70441
- Boehm, F.** see Wang, K.-C. 8-62761
- Boehm, H.P.** Carbon from solid-state reduction of carbonate ions 8-56594
- Boehm, R.**, Rich, J., Webster, J., Janke, S. Thermal stress effects and surface cracking associated with laser use on human teeth 8-80915
- Boehm, R.E.**, Martire, D.E. A unified statistical mechanical description of a rigid-rod fluid 8-73919
- Boel, R.J.**, Kasteleyn, P.W. Correlation-function identities and inequalities for Ising models with pair interactions 8-84375
- Boel, R.J.**, Kasteleyn, P.W. Correlation-function identities for general Ising models 8-95409
- Boel, R.J.** see Groeneveld, J. 8-93616
- Boen, R.**, Bouteillon, J. Electrolytic preparation of silicon in a medium of molten salts 8-64491
- Boens, N.** see van Bockstaele, M. 8-95599
- Boer, A.H.** De see De Boer, A.H.
- Boer, F.R.** De see de Boer, F.R.
- Boer, F.W.N.** De see de Boer, F.W.N.
- Boer, F.W.N.** De see De Boer, F.W.N.
- Boer, J.** De see de Boer, J.
- Boer, K.W.** The physics of the photovoltaic effect 8-95311
- Boer, M.L.** den see den Boer, M.L.
- Boer, R.B.** De see de Boer, R.B.
- Boer, T.J.** De see De Boer, T.J.
- Boer, W.** De see de Boer, W.
- Boer, W.P.H.** De see de Boer, W.P.H.
- Boeri, G.** see Antonucci, L. 8-55052
- Boerio, F.J.**, Armogan, L. Reflection-absorption infrared spectroscopy of cuprous oxide 8-84555
- Boers, A.L.** see Luitjens, S.B. 8-87854
- Boers, A.L.** see van Asselt, W.K. 8-55095
- Boersma, F.** see de Jonge, W.J.M. 8-68277
- Boersma, F.** see Hijmans, J.P.A.M. 8-52289
- Boersma, F.** see van Ballegooijen, E.C. 8-54353
- Boersma, J.** Note on an integral equation of viscous flow theory 8-69990
- Boes, D.C.**, Salas, J.D. Nonstationarity of the mean and the Hurst phenomenon 8-81253
- Boes, N.**, Wicke, E. The influence of H-H pairing on the diffusional behaviour of H hydrogen in niobium 8-75878
- Boesch, H.E.**, Jr., McGarrity, J.M., McLean, F.B. Temperature- and field-dependent charge relaxation in SiO_2 gate insulators 8-60206
- Boeschoten, F.**, Komen, R. On the possibility to separate isotopes by means of a rotating plasma column. Isotope separation with a hollow cathode discharge 8-75454
- Boese, R.W.** see Brown, F.G. 8-81543
- Boese, R.W.** see Valero, F.P.J. 8-90225
- Boesman, E.** see Vanhaelst, M. 8-87949, 8-91941
- Boesten, L.** see Alexander, G. 8-89766
- Boesten, L.** see Berger, Ch. 8-62414, 8-89725
- Boesten, L.G.J.** see Banks, D. 8-66666
- Boesten, L.G.J.** see van de Water, W. 8-78820
- Boeuf, A.**, Detourbet, P., Escoffier, A., Hustache, R., Lagomarsino, S., Renner, A., Rustichelli, F. Monochromatizing neutron lens 8-71643
- Boeuf, A.**, Melone, S., Puliti, P., Rustichelli, F. Interpretation of some experimental data concerning bent monochromators for synchrotron X-ray radiation 8-75496
- Boeuf, A.**, Melone, S., Puliti, P., Rustichelli, F. Overcoming of the 1/2 reflectivity limit in Laue neutron diffraction 8-79505
- Boeuf, A.**, Melone, S., Puliti, P., Rustichelli, F. Simple dynamical theory approach to neutron diffraction by mosaic crystals 8-83655
- Boffi, S.** see Glass, N.E. 8-75774
- Boffi, S.** see Pacati, F.D. 8-66230
- Boffi, V.C.**, Molinari, V.G., Spiga, G. Evaluation of the neutron flux-depression factor via the integral transform method 8-50233
- Boffi, V.C.**, Molinari, V.G., Wonneberger, W. Theory of nonlinear electrical conductivity via integral Boltzmann equation 8-72125
- Boffi, V.C.** see Benoit, P. 8-89930

- Bogachek, E.N.**, Rozhavskii, A.S., Shekhter, R.I. Theory of electronic transport of sound packets in metals in parallel magnetic field 8-84261
- Bogachev, G.G.** *see* Aleksakhin, I.S. 8-82682
- Bogachev, G.G.** *see* Aleksakhin, I.S. 8-82846
- Bogachev, I.N.**, Rudakov, A.A. Temperature dependence of mechanical properties and the kinetics of phase transformations of steel 0Kh14AG12M 8-92297
- Bogacheva, T.M.** *see* Tselishchev, P.A. 8-75042
- Bogacheva, T.M.** *see* Tselishchev, P.A. 8-75057
- Bogachuk-Kozahuk, K.A.** *see* Repukhov, V.M. 8-75132
- Bogacz, A.** *see* Fouque, Y. 8-79763
- Bogaenko, I.N.**, Timofeev, Yu.A. Calculation of temperature fields 8-59281
- Bogaenko, I.N.**, Timofeev, Yu.A. Solving the generalised transport boundary value problem 8-81931
- Bogaert, F.** Van Den *see* Van Den Bogaert, F.
- Bogardi, I.** *see* Duckstein, L. 8-81262
- Bogardus, H.**, Krueger, D.A., Thompson, D. Dynamic magnetization in ferrofluids 8-72370
- Bogatin, Ya.G.**, Povolotskii, E.G. Causes of the irreversible fall in magnetic properties exhibited by pressed SmCo_5 magnets during single-phase sintering 8-60600
- Bogatko, V.I.**, Kolton, G.A. An approximate solution of a non-linear problem of strong shock wave diffraction near the angle 8-75171
- Bogatov, A.A.**, Mizhritskii, O.I., Shishmintsev, V.F., Aksenov, Yu.A. Investigation of plasticity of metals under hydrostatic pressure 8-68726
- Bogatov, A.A.** *see* Kalmogorov, V.L. 8-52907
- Bogatov, V.N.** *see* Zasyplin, V.V. 8-69132
- Bogatskaya, I.G.**, Gorenshstein, M.I., Zinov'ev, G.M. Angular dependence of the cumulative effect for protons and nuclear fireballs 8-50147
- Bogatyr, G.P.** *see* Makarenkov, A.G. 8-88504
- Bogatyrev, P.V.** *see* Blinkov, V.A. 8-77363
- Bogatyrev, Yu.V.**, Korshunov, F.P. Investigation of properties of the Si-SiO₂ interface in MOS structures irradiated by fast electrons 8-88042
- Bogatyriov, V.A.** *see* Chernysheva, N.Y. 8-63782
- Bogdan, D.**, Cretu, Tr., Fuia, H., Macarie, G., Popescu, D.G. Some aspects of the beta decay ^{186}Re - ^{186}Os 8-82316
- Bogdan, I.Yu.** *see* Bulatsen, V.G. 8-88788
- Bogdan, M.**, Mercea, P. Experimental free-induction-decay shape and moments for ^1H in NH_4Cl 8-68394
- Bogdanov, A.I.**, Kocherov, N.P., Perfilov, N.A. Silver bromide track detectors 8-94169
- Bogdanov, A.V.** The analytical approximation of the elastic cross-section in the kinetic theory of gas 8-75248
- Bogdanov, D.D.**, Demyanov, A.V., Karnaukhov, V.A., Petrov, L.A., Voboril, J.A. Study of the decay of the delayed proton emitters ^{117}Ba , ^{119}Ba and ^{121}Ba 8-78326
- Bogdanov, E.V.** *see* Brandt, N.B. 8-75980, 8-87903
- Bogdanov, K.M.** *see* Romanovskaya, L.L. 8-64914
- Bogdanov, S.V.**, Petrov, D.V., Yakovkin, I.B. Experimental investigation of the diffraction of a light beam traveling parallel to a surface with an elastic surface wave 8-82904
- Bogdanov, S.V.**, Voskoboinikov, V.V., Zharov, A.M., Kiseleva, E.N., Yakovkin, I.B. Acoustically matched elastic surface-wave transducer 8-90623
- Bogdanov, S.V.** *see* Avdienko, K.I. 8-95575
- Bogdanov, S.V.** *see* Balakirev, M.K. 8-87857
- Bogdanov, S.V.** *see* Mastikhin, V.M. 8-71165
- Bogdanov, T.V.**, Godovikov, S.K., Kozin, M.G., Moreva, N.I., Shipnel, V.S. Features of the hyperfine interaction of tin impurities in metallic holmium 8-91998
- Bogdanov, V.B.** *see* Shabratova, G.S. 8-82359
- Bogdanov, V.G.** *see* Gerasimova, N.G. 8-74068
- Bogdanov, V.L.** On the shape of spectra of selective energy of complex molecules 8-82717
- Bogdanov, V.L.** *see* Klochkov, V.P. 8-82775
- Bogdanov, V.V.** *see* Beguzin, Ya.E. 8-51829
- Bogdanov, Yu.V.** *see* Baranova, N.B. 8-84553
- Bogdanova, A.B.** *see* Olodovskii, P.P. 8-67264
- Bogdanovic, M.**, Koicki, S., Radojevic-Stojanovic, M., Simic, J., Lalovic, B. Coincidence study of low-lying states in ^{108}Ag following ^{107}Ag (n, γ) reaction 8-50084
- Bogdanovich, A.E.**, Stolyarova, L.A. Spectra of the eigenfrequencies and regions of dynamical instability of cylindrical shells with elastic filler in the case of nonaxisymmetrical vibrations 8-63367
- Bogdanovich, A.E.**, Stolyarova, L.A. Natural and parametric vibrations of a cylindrical shell-filler system with tangential interaction taken into account 8-67085
- Bogdanovich, P.O.**, Merkelis, G.V., Rudzikas, Z.B., Sadziuvienė, S.D., Safironova, U.I. Theoretical investigation of transition probabilities for $2s^2 2p^2$ - $2s 2p^3$ - $2p^4$ of Ca XV, Fe XXI 8-70791
- Bogdanski, M.**, Jeanneret, J.-B., Jeanneret, E. Experimental study of the reaction $\pi^+ + ^4\text{He} \rightarrow \pi^+ \pi^+$ p.p.d at 1.7 GeV/c 8-89911
- Bogdanski, M.** *see* Hamatsu, R. 8-66141
- Bogdanski, M.** *see* Jayet, B. 8-74270, 8-74271
- Bogelspacher, H.R.**, Schlotter, H.R. Infusion pump interference of foetal heart rate recording 8-85414
- Bogelspacher, H.R.** *see* Schlotter, C.M. 8-85417
- Bogen, P.**, Lie, Y.T. Detection of low gas densities by resonance fluorescence in the vacuum ultraviolet 8-54341
- Boger, D.V.**, Gupta, R., Tanner, R.I. The end correction for power-law fluids in the capillary rheometer 8-91037
- Bogert, D.** *see* Harris, R. 8-82242
- Bogert, D.V.** *see* Bell, J. 8-54625, 8-93872, 8-93873
- Boggende, A.J.F.** *see* den Boggende, A.J.F.
- Boggess, A.**, Bohlin, R.C., Evans, D.C., Freeman, H.R., Gull, T.R., Heap, S.R., Klinglesmith, D.A., Longanecker, G.R., Sparks, W., West, D.K., Holm, A.V., Perry, P.M., Schiffer, F.H., III, Turnmore, B.E., Wu, C.C., Lane, A.L., Linsky, J.L., Savage, B.D., Benvenuti, P., Cassatella, A., Clavel, J., Heck, A., Macchetto, F., Penston, M.V., Selvelli, P.L., Dunford, E., Gondhalekar, P., Oliver, M.B., Sandford, M.C.W., Stickland, D., Boksenberg, A., Coleman, C.I., Snijders, M.A.J., Wilson, R. In-flight performance of the IUE 8-96383
- Boggess, A.**, Carr, F.A., Evans, D.C., Fischel, D., Freeman, H.R., Fuechsel, C.F., Klinglesmith, D.A., Krueger, V.L., Longanecker, G.W., Moore, J.V., Pyle, E.J., Rebar, F., Sizemore, K.O., Sparks, W., Underhill, A.B., Vitagliano, H.D., West, D.K., Macchetto, F., Fitton, B., Barker, P.J., Dunford, E., Gondhalekar, P.M., Hall, J.E., Harrison, V.A.W., Oliver, M.B., Sandford, M.C.W., Vaughan, P.A., Ward, A.K., Anderson, B.E., Boksenberg, A., Coleman, C.I., Snijders, M.A.J., Wilson, R. The IUE spacecraft and instrumentation 8-96382
- Boggess, A.** *see* Boksenberg, A. 8-96540
- Boggess, A.** *see* Dupree, A.K. 8-96569
- Boggess, A.** *see* Grewing, M. 8-96524
- Boggess, A.** *see* Heap, S.R. 8-96474
- Boggess, A.** *see* Lane, A.L. 8-93133
- Boggess, A.** *see* Linsky, J.L. 8-96475
- Boggild, H.** *see* Albrow, M.G. 8-58214
- Boggs, J.E.** *see* Pulay, P. 8-70753
- Boggs, S.A.** *see* Bacquet, G. 8-60393
- Boghossian, H.H.**, Dubey, K.S. Role of electron-phonon interaction and peripheral phonons in the lattice thermal conductivity of doped semiconductor at low temperatures. Application to phosphorus-doped germanium 8-79702
- Boghossian, H.H.**, Dubey, K.S. Heat transfer in doped Al_2O_3 at low temperatures 8-91493
- Bogina, N.Kh.** *see* Kozlova, M.N. 8-60651
- Bogl, W.** *see* Stockhausen, K. 8-65075
- Bogod, Yu.A.** Drift velocity of charge carriers in confined-geometry bismuth single crystals 8-84208
- Bogod, Yu.A.**, Valeev, R.G. Negative differential conductivity and life time oscillations of non-equilibrium phonons in bismuth 8-76117
- Bogolyubov, V.S.**, Kazakov, V.F. Apparatus to determine coordinates of large curved surfaces 8-77863
- Bogomolny, E.B.**, Fateyev, V.A. The Dyson instability and asymptotics of the perturbation series in QED 8-62342
- Bogomolov, A.M.**, Molodtsov, A.D., Tikhonov, L.Ya. Measuring the temperature of the neutron gas with solid-state track detectors of fission fragments 8-66455
- Bogomolov, K.S.** *see* Verbovetskii, A.A. 8-50735
- Bogomolov, V.N.** Increase of the superconductivity critical temperature T_c due to the size effect 8-88062
- Bogomolov, V.N.**, Kapanadze, A.A. Influence of pressure on a metal-insulator transition of a lattice of gallium clusters 8-88005
- Bogomolov, V.N.** *see* Averkiev, S.A. 8-88342
- Bogomolova, L.D.**, Jachkin, V.A., Lazukin, V.N., Pavlushkina, T.K., Shmuckler, V.A. The electron paramagnetic resonance and optical spectra of copper and vanadium in phosphate glasses 8-72399
- Bogomolova, L.D.**, Zhachkin, V.A., Lazukin, V.N., Masal'skaya, N.A., Shmukler, V.A. The ESR spectrum of V^{4+} in glasses in the $\text{Li}_2\text{O}-\text{Al}_2\text{O}_3-\text{P}_2\text{O}_5$ system and their structure [and optical spectra] 8-88180
- Bogoroditskii, S.K.** *see* Leonov, I.G. 8-73001
- Bogorodskii, V.V.**, Gavrilov, V.P., Sukhorukov, K.K. Acoustic noise of breaking ice on rivers 8-53671
- Bogoyavlenskii, I.V.**, Karnatsevich, L.V., Konareva, V.G. Experimental investigation of the equation of state of helium isotopes (He^4 and He^3) in the temperature range from 3.3K to 14K 8-83912
- Bogoyavlenskii, K.N.**, Byelostotskii, Yu.G., Sukhikh, R.D. The benefits of vibration in extrusion 8-51135
- Bogush, A.A.**, Kurochkin, Yu.A., Fedorov, F.I. Vector of Lobachevskii space and relativistic kinematics 8-62076
- Boguslavskii, I.A.**, Butaev, A.M., Yaborov, A.N. Selection of technological parameters in toughening float glass by ion exchange 8-84757
- Boguslavskii, L.I.**, Volkov, A.G., Kandelaki, M.D., Nizhnikovskii, Ye.A., Bibikova, M.A. Photo-oxidation of water in the presence of chlorophyll and an iron complex of coproporphyrin III adsorbed on the octane-water interface 8-64933
- Boguslavskii, Yu.Ya.** Absorption and dispersion of sound waves in a two-phase medium 8-94466
- Boguslavsky, I.V.** *see* Dzhanbusinova, M. 8-89762
- Boguslavsky, I.V.** *see* Ermilova, D.I. 8-62468
- Bogusz, W.** *see* Krok, F. 8-76377
- Bogy, D.B.** *see* Adams, G.G. 8-55615
- Bohacek, V.** *see* Vana, J. 8-75380
- Bohachevsky, I.O.** Theronuclear fusion device LIME 8-58434
- Bohachevsky, I.O.** Scaling of reactor cavity wall loads and stresses 8-58446
- Bohachevsky, I.O.**, Booth, L.A., Frank, T.G., Hafer, J.F., Pendergrass, J.H. General ICF reactor design considerations 8-50331
- Bohachevsky, I.O.**, Frank, T.G. Containment vessel structural design considerations 8-50341
- Bohachevsky, I.O.** *see* Booth, L.A. 8-50330, 8-58410
- Bohandy, J.**, Kim, B.F. An ESR study of iron prophin in triphenylene 8-60329
- Bohannan, B.**, Garmany, C.D. A search for binaries and stellar winds among the O-type stars 8-89197
- Bohannon, G.E.** Nucleon-nucleon bremsstrahlung 8-62449
- Bohannon, G.E.** Bounds on the model dependence of the ppy amplitude 8-62450
- Bohannon, G.E.** Neutron-proton bremsstrahlung results at 200 MeV 8-66144
- Bohatieli, T.** *see* Parvan, R. 8-67460
- Bohdanecky, Z.**, Lansky, P., Indra, M., Radil-Weiss, T. EEG alpha and non-alpha intervals alternation 8-96040
- Bohdansky, J.**, Bay, H.L., Ottenberger, W. Sputtering yields of graphite and carbides and their potential use as first wall materials 8-95629
- Bohdansky, J.** *see* Hechtel, E. 8-56553
- Bohdansky, J.** *see* Vernickel, H. 8-91074
- Bohg, A.** Measurement of stresses in thin films on single crystalline substrates 8-51860
- Bohler, P.** Lens testing at NRK 8-94456
- Bohlin, J.D.** *see* Glackin, D.L. 8-57516
- Bohlin, R.C.**, Savage, B.D., Drake, J.F. A survey of interstellar H I from La absorption measurements. II 8-93357
- Bohlin, R.C.** *see* Boggess, A. 8-96383
- Bohlin, R.C.** *see* Grewing, M. 8-96524
- Bohm, A.** Generalization of the electromagnetic current operator 8-78109
- Bohm, A.**, Hossain, M., Teese, R.B. Spectrum-generating $\text{SU}(4)$ in particle physics: $\text{SU}(n)$ and particle assignments 8-82126
- Bohm, A.**, Teese, R.B. Arguments concerning an $\text{SU}(3)$ -scalar term in the electromagnetic current operator and the value for $\Gamma(\rho \rightarrow \pi\gamma)$ 8-82206
- Bohm, A.** *see* Baum, L. 8-89758
- Bohm, C.** *see* Baverstam, U. 8-88238
- Bohm, D.**, Hiley, B. On the intuitive understanding of non-locality as implied by quantum theory 8-54241
- Bohm, H.**, Hoffmann, W. X-ray study of the phase transition of NaNO_2 8-95563
- Bohm, H.-D.V.**, Michaelis, W., Weitkamp, C. Hyperfine structure and isotope shift measurements on ^{235}U and laser separation of uranium isotopes by two-step photoionization 8-78822
- Bohm, J.**, Cerar, J., Erjavec, M., Krajnc, J., Porek, D., Soklic, M., Snajder, J., Janus III, A. computer system for acquisition and processing of data in nuclear medicine 8-80948
- Bohm, J.**, Reiche, P., Schultze, D., Zschack, H. Optical dispersion of gadolinium gallium garnet (GGG) 8-64343
- Bohm, J.** *see* Kaminskii, A.A. 8-95593
- Bohm, K.H.** Observations bearing on convection 8-89182
- Bohm, K.H.** *see* Muchmore, D.O. 8-85940
- Bohm-Vitense, E.** Observations bearing on the theory of stellar convection. II 8-89180
- Bohm-Vitense, E.** Energy distributions in main-sequence A and F stars 8-93220

- Bohman, O.**, Ahlberg, P., Martensson, N., Siegbahn, K. ESCA studies of ion complexes between a crown-ether and alkali halides 8-50584
- Bohme, G.** On the theory of rotationally symmetric viscous flow in non-Newtonian fluids 8-55667
- Bohme, G.** Local properties of flows of non-Newtonian liquids under pressure in a corner 8-94772
- Bohme, G.**, Nonn, G. Performance graphs for shear-flow pumps for non-Newtonian fluids 8-87367
- Bohrer, S.** see Jentsch, W.-D. 8-60874
- Bohmeyer, W.**, Gundel, H., Seliger, K. Current-voltage behaviour of non-LTE pulse discharges 8-71618
- Bohn, G.** A structure for associative information processing 8-85300
- Bohn, H.** see Chan, Y.-D. 8-78405
- Bohn, H.G.** see Arons, R.R. 8-76347
- Bohn, R.G.** see Huebler, J.E. 8-51786
- Bohu, R.H.** see Fagaly, R.L. 8-59955
- Bohu, R.K.** see Suenram, R.D. 8-55164
- Bohnert, K.**, Schmieder, G., El-Dessouki, S., Klingshirn, C. Gain spectroscopy and plasma recombination in Cds 8-88327
- Bohning, R.**, Zierep, J. Detachment of the turbulent boundary layer on a curved wall by a perpendicular compressive thrust 8-94661
- Bohning, R.G.** Fast-firing of hard ferrites in kilns with jet-burners 8-64496
- Bohr, A.**, Mottelson, B.R. Perspectives in the study of nuclei with high angular momentum. Yrast spectroscopy 8-50063
- Bohr, A.H.**, Christie, R.S. Scanning drive for visible spectrum monochromator 8-54940
- Bohr, A.H.**, Kloiber, F.W., Silverman, K.B. Design of a 125 kilogauss one meter magnet coil 8-55008
- Bohra, M.L.**, Mehra, A.L. Charge in cosmological models 8-69921
- Bohren, C.F.** Scattering of electromagnetic waves by an optically active cylinder 8-82912
- Bohrer, T.H.** see Theofanous, T.G. 8-71266
- Bohringer, H.** see Arnold, F. 8-88877
- Bohringer, T.** see Baldi, R. 8-50050, 8-50052
- Bohringer, T.** see Martin, A.D. 8-50051, 8-50053, 8-82230
- Bohun, A.**, Chvoj, Z. The A band fine structure of alkali chlorides 8-60491
- Bohun, A.**, Polecha, J. Vibronic excitation spectrum of alkali aluminometaphosphate glasses containing uranium 8-52524
- Bohun, A.**, Roskovcova, L., Svantner, M., Foldvari, I. Absorption of CaF_2 crystals containing lead and oxygen 8-68534
- Bohun, A.** see Polak, K. 8-52478
- Boiadziev, G.N.** Periodic vibrations of nonlinear mechanical systems 8-55583
- Boice, D.** see Johnson, M.L. 8-84677
- Boice, J.D., Jr.**, Rosenstein, M., Trout, E.D. Estimation of breast doses and breast cancer risk associated with repeated fluoroscopic chest examinations of women with tuberculosis 8-65128
- Boichenko, P.F.**, Rybin, Yu.N. Reliability of vertical ozone distributions calculated from umkehr observations 8-81328
- Boichenko, V.A.**, Sapogin, L.G. Theory of magnetic water treatment 8-84827
- Boichenko, V.A.** see Litvin, F.F. 8-96066
- Boichuk, O.P.** Solution of the problem of autonomous determination of coordinates on the basis of pendulum-gyroscopic platform stabilized in the inertial space 8-65760
- Boichuk, V.I.**, Nitsovich, V.M., Tkach, N.V. The Wannier-Mott exciton in the semiconductor film 8-79943
- Boicourt, G.P.** Circuit and plasma simulation for the design of ZT-40 8-54961
- Boicourt, G.P.** see Kemp, E.L. 8-74485
- Boicourt, G.P.** see Nunnally, W.C. 8-55033
- Boie, R.A.** see MacDonald, J.R. 8-70722
- Boiko, B.B.**, Dzhilavdari, I.Z., Petrov, N.S. Distinguishing features of light reflection by a non-linear transparent layer 8-71142
- Boiko, D.A.**, Burov, G.I., Chakhlov, V.L., Shtein, M.M. A γ -ray method of radial-clearance determination for engine crankshafts 8-53147
- Boiko, E.B.** see Solodinin, A.M. 8-56616
- Boiko, G.G.** Eutectoid transformation of austenite during continuous cooling of cast iron with intercalitic graphite 8-84800
- Boiko, I.I.**, Pipa, V.I. Intrinsic magnetoresistance of unipolar crystals in heating electric fields 8-72180
- Boiko, I.I.** see Malyutenko, V.K. 8-49899
- Boiko, L.M.**, Bobyl', V.G., Mustafin, Yu.I., Drovorub, V.I. Rheological properties of elastomers in compression 8-68734
- Boiko, T.P.** see Solyanko, V.F. 8-86277
- Boiko, V.A.**, Pikuz, S.A., Faenov, A.Ya. Determination of the electron density of a laser plasma from the intensities of the satellites of the resonance lines of hydrogen-like ions 8-94938
- Boiko, V.A.**, Pikuz, S.A., Safronova, A.S., Faenov, A.Ya. X-ray spectra of Y XXXI and Mo XXXIV ions from laser-produced plasmas 8-86806
- Boiko, V.A.**, Pikuz, S.A., Safronova, U.I., Faenov, A.Ya. Wavelengths, probabilities of radiative $2131'1s31'$ and $2121'1s21'$ transitions, and probabilities of radiationless decay of states for Mg XI-SV ions 8-70781
- Boiko, V.A.** see Aglizki, E.V. 8-53912
- Boiko, V.A.** see Basov, N.G. 8-59064
- Boiko, V.I.**, Evstigneev, V.V., Kononov, B.A., Plotnikov, A.L. Features of electronic defectoscopy of materials with microcracks 8-72967
- Boiko, Yu.F.**, Lubenets, S.V., Fomenko, L.S., Fedorenko, N.M. Investigation of the dynamic properties of dislocations by impact loading 8-85069
- Boiko, Yu.P.**, Alekseev, O.L., Ovcharenko, F.D. Method of investigating the electrosurface properties of highly dispersed substances 8-53249
- Boim, A.N.**, Gonek, H.F. Precise adjustment and testing of instruments with standardized pneumatic output signals 8-93717
- Bois, A.** see Firpo, J.L. 8-51795
- Bois, C.**, Philoche-Levisalles, M., L'Haridon, P. Crystal structure of the compounds $\text{CaBr}_2 \cdot 4\text{CH}_3\text{OH}$ and $\text{CaBr}_2 \cdot 4\text{C}_2\text{H}_5\text{OH}$ 8-59788
- Bois, D.** see Hurtes, Ch. 8-72165
- Bois, D.** see Vincent, G. 8-91727
- Bois, G.V.** see Bakhramova, N.P. 8-52733
- Bois, P.A.** The principle of exchange stabilities in the atmosphere 8-88871
- Boisrobert, C.** see Martin, L. 8-66940
- Boisse, S.** Calculation of velocity from seismic reflection amplitude 8-69296
- Boisseau, B.**, Barrabes, C. Quantization of the Liouville mechanics for systems with singular Lagrangians 8-62096
- Boissel, P.**, Hauchecorne, G., Kerherve, F., Mayer, G. Stimulated diffusion induced by two photon absorption 8-90455
- Boissenot, J.M.**, Dubois, M. Study of directional criteria of crack instability 8-90789
- Boisserie, J.M.**, Guelin, P., Stutz, P., Terriez, J.M. Impulsive response to constraints and finite, single-dimensional, viscoelastic deformation 8-51092
- Boissier, M.**, Vacher, R., Fontaine, D., Pick, R.M. Brillouin line width of phonons in KCN 8-80370
- Boissier, R.** Measurements of particle and heat diffusion due to the collisionless drift instability 8-59555
- Boisson, M.** see Gaboriaud, R.J. 8-51545, 8-56713
- Boistelle, R.**, Aquilano, D. Interaction energies at twin boundaries and effects of the dihedral reentrant and salient angles on the growth morphology of twinned crystals 8-55876
- Boitaud, J.** see Besse, P. 8-81030
- Boitsov, V.F.** Properties of ring optical resonators with spatially inhomogeneous amplifying medium 8-74929
- Boitsov, V.F.** Integral equation for an annular optical cavity with an amplifying medium of limited dimensions 8-82996
- Boitsov, V.F.** Optical axis and stability of a ring cavity with de-adjusted medium 8-82999
- Boivin, A.**, Brousseau, N., Biswas, S.C. Electromagnetic diffraction in the focal region of a wide-angle spherical mirror under oblique illumination: an integral representation of the field 8-58888
- Boivin, A.**, Deckers, C. A new sampling theorem for the complex degree of coherence for reconstruction of a luminous isotropic source 8-79088
- Boivin, J.-C.** see Conflant, P. 8-51516
- Boix, M.** see Levy, Y. 8-79528
- Boiziau, C.**, Garot, C., Nuvolone, R., Roussel, J. Interaction of metastable helium atoms with a Mo [110] surface. Secondary electron spectroscopy 8-95642
- Bojadziew, G.N.** Forced vibrations of systems with retardation and damping 8-83290
- Bojarski, Z.**, Budniok, A., Lagiewka, E. The structure of the Cu-Cd alloys obtained by electrolysis 8-91552
- Bojinov, V.** see Budurov, S. 8-52823
- Bojowald, J.** see Budzanowski, A. 8-82363
- Bojtor, I.**, Nikl, I., Hiesche, K.D. Dose to the shielded thymic region of irradiated mouse cadavers 8-61257
- Bok, J.**, Guthmann, C. 'Hot electrons' and negative resistance of superconducting microbridges 8-60254
- Bok, J.** see Batallan, D. 8-84129
- Bokemeyer, H.**, Emiling, H., Fuchs, P., Grosse, E., Husar, D., Schwalm, D., Simon, R.S., Wollersheim, H.J., Pelte, D. Lifetimes of Yrast-states in ^{138}Dy 8-54793
- Bokemeyer, H.** see Backe, H. 8-50197, 8-62873
- Bokhan, P.A.**, Klimkin, V.M., Prokopiev, V.E. Peculiarities of electric discharges in mixtures of metal vapors and rare gases at increased pressures 8-71620
- Bokhenkov, E.L.**, Fedotov, V.G., Sheka, E.F., Natkaniec, I., Sudnik-Hryniewicz, M., Califano, S., Righini, R. Inelastic incoherent neutron scattering from crystalline benzene 8-51629
- Bokhenkov, E.L.**, Sheka, E.F., Natkaniec, I., Dörner, B., Drexel, W. Study of the lattice dynamics of naphthalene by inelastic neutron scattering 8-79690
- Bokii, G.B.**, Semenova-Tyan-Shanskaya, A.S. The temperature field in a high-pressure chamber 8-82001
- Bokii, G.B.** see Arkhipenko, D.K. 8-79507
- Bokii, G.B.** see Genshaft, Yu.S. 8-84994
- Bokii, Yu.F.** see Parabina, G.I. 8-60612
- Bokor, A.** Transient response of a two-section beam with a time dependent boundary condition 8-63366
- Bokov, A.G.**, Lagutin, O.B., Sergeev, V.G., Shikhin, A.Ya. Stabilized source of magnetic induction 8-94360
- Bokov, V.A.** see Kamzin, A.S. 8-60299
- Bokovikova, A.Kh.** see Denisov, M.A. 8-90677
- Bokros, J.C.** Carbon biomedical devices 8-65150
- Boksenberg, A.** The physics of QSO absorption line regions 8-57680
- Boksenberg, A.**, Carswell, R.F., Smith, M.G., Whelan, J.A.J. The absorption-line spectrum of Q1246-057 8-93453
- Boksenberg, A.**, Snijders, M.A.J., Wilson, R., Benvenuti, P., Clavell, J., Macchetto, F., Penston, M., Boggess, A., Gull, T.R., Gondhalekar, P., Lane, A.L., Turnrose, B., Wu, C.C., Burton, W.M., Smith, A., Bertola, F., Capaccioli, M., Elvis, A.M., Fosbury, R., Tarengi, M., Ulrich, M.-H., Hackney, R.L., Jordan, C., Perola, C.G., Roeder, R.C., Schmidt, M. IUE observations of extragalactic objects 8-96540
- Boksenberg, A.** see Boggess, A. 8-96382, 8-96383
- Boksenberg, A.** see Grewing, M. 8-96524
- Boksenberg, A.** see Heap, S.R. 8-96474
- Boksenberg, A.** see Young, P. 8-57631
- Bokshtein, B.S.** see Aleshin, A.N. 8-91475
- Bol, K.** see Hinnov, E. 8-83537, 8-91155
- Boland, B.C.**, Mildner, D.F.R., Stirling, G.C., Bunce, L.J., Sinclair, R.N., Windsor, C.G. High energy vibrational spectroscopy on a pulsed neutron source 8-86721
- Boland, B.C.** see Mildner, D.F.R. 8-70666
- Boland, B.C.** see Windsor, C.G. 8-58532
- Boland, F.E.** see Carlson, T.N. 8-65393
- Boland, F.M.** see Cresswell, G.R. 8-92836
- Boland, J.N.** see Kekulawala, K.R.S.S. 8-61410
- Boland, J.N.** see Vance, E.R. 8-87720
- Bold, S.E.**, Groves, G.W. Tensile creep and high-temperature fracture in a $\text{Li}_2\text{O-Al}_2\text{O}_3\text{-SiO}_2$ glass-ceramic 8-52914
- Boldetti, A.** see Forino, A. 8-78220
- Boldin, V.G.** see Budkin, L.A. 8-74801
- Boldish, S.I.**, White, W.B. Vibrational spectra and force constants of rare earth and scandium thiospinels 8-68503
- Boldrighini, C.**, Triolo, L. Absence of turbulence in a unidimensional model of fluid motion (Burgers model) 8-87328
- Boldt, E.A.** see Pravdo, S.H. 8-93458
- Boldt, G.** see Bischoff, K. 8-82037
- Boldyrev, A.I.**, Charkin, O.P., Rambidi, N.G., Avdeev, V.I. Ab initio calculations of the potential surfaces and geometry of nonrigid molecules. I. The complex molecule LiBH_4 8-86771
- Boldyrev, S.A.** see Zverev, S.M. 8-85496
- Boldyrev, V.V.** see Aleksandrov, V.V. 8-92473
- Boldyreva, T.A.**, Freivert, S.I. Compensation of the temperature coefficient of sensitivity of selenium photocells 8-82033
- Boldyshev, V.F.** see Akhiezer, A.I. 8-83859
- Bolef, D.I.** see Passini Yuhas, M. 8-80203
- Bolen, E.G.** see Womack, S.M. 8-53391
- Boles, T.T.** see Sutherland, J.C. 8-73972
- Bolesta, I.M.**, Gloskovskaya, N.K. Polytropy and luminescence of CdI_2 8-56520
- Bolesta, I.M.**, Lyskovich, A.B. Electron-phonon interaction in Cd-halide crystals activated by Mn 8-59911
- Boley, B.A.** Time dependent solidification of binary mixtures 8-75058
- Boley, C.D.**, Smith, J.B. Kinetic theory of a normal quantum fluid. II. Transport properties 8-77799
- Boley, C.D.** see Kuser, I. 8-57851
- Bolf, J.** see Hubsch, J. 8-68165
- Bolger, J.** see Jansen, J. 8-86552
- Bolger, J.** see Wiedner, C.A. 8-89915
- Bolgov, S.S.** see Malyutenko, V.K. 8-49899
- Bolgova, G.T.**, Strel'nitskii, V.S., Shmeld, I.K. Influence of dust on collisional pumping of an H_2O cosmic maser 8-54030
- Bolhuis, G.K.** see De Boer, A.H. 8-84731
- Bolhuis, F.** van see van Bolhuis, F.

- Bolin, L.**, Gustafson, C.-G. The effect of pressurization on the acoustic emission characteristics of a low carbon steel 8-92304
- Boling, N.L.**, Glass, A.J., Owyong, A. Empirical relationships for predicting nonlinear refractive index changes in optical solids 8-83025
- Bolk, W.T.** Linearization of the characteristic curve of resistance thermometers 8-77913
- Bolkhovitinov, L.G.**, Khvostov, Yu.B. The Rankine-Hugoniot relation for shock waves in very porous media 8-83317
- Bolland, T.K.** see Becker, R.S. 8-57579
- Bollini, C.G.**, Ferreira, P.L. On the motion of a charged particle in the field of a magnetic monopole 8-66062
- Bollinne, A.** Study of the importance of splash and wash on cultivated loamy soils of Hesbaye (Belgium) 8-73410
- Bollmark, P.**, Lindgren, B., Rydh, B., Sassenberg, U. The vacuum ultraviolet spectrum of selenium hydride. I. Determination of the ground state spin-orbit coupling constant 8-70847
- Bolobuev, P.V.** see Kupryazhkin, A.Ya. 8-79775
- Bologa, M.K.**, Didkovskiy, A.B. Enhancement of heat transfer in film condensation of vapors of dielectric liquids by superposition of electric fields 8-55551
- Bologa, M.K.** see Belyanskii, G.G. 8-83936
- Bologov, G.A.**, Rushchits, T.Yu. An investigation of the resistance brittle failure of 12Cr1MoV steel 8-72858
- Bolokhov, A.A.**, Vereshchagin, V.V. Asymptotic limits for $\pi\pi$ -scattering and A_1 -mesons 8-78214
- Bolomey, J.Ch.**, Lesslier, D. Time domain reflection from inhomogeneous and dispersive slabs 8-62985
- Bolon, C.** see Osborne, L.S. 8-66267
- Bolotin, H.H.** see Linard, B.J. 8-74326
- Bolotin, S.V.**, Kozlov, V.V. Libration in systems of many degrees of freedom 8-86141
- Bolotin, Yu.L.** see Barts, B.I. 8-54716
- Bolotnikova, T.N.**, Klimova, L.A., Nersesova, G.N., Shtrokirikh, O.Y., Zhidkin, P.I. Features of fluorescence and absorption spectra of naphthalene and its deuterated derivatives (in Shpol'sky effect conditions) 8-90208
- Bolotov, V.V.** see Akhmetov, V.D. 8-71764
- Bolotovskii, B.M.** see Aivazyan, Yu.M. 8-82895
- Bolotskii, V.P.**, Polozov, M.V., Soldatov, A.N., Sukhoruchkin, S.I. Measurement of the ratio between the capture and fission cross sections of ^{239}Pu 8-70538
- Bolovinos, A.** see Pantos, E. 8-86877
- Bol'shakov, A.F.**, Adalduv, B.V., Popov, A.I. Phase inhomogeneity of mixed crystals of alkaline earth carbonates and its influence on the properties of oxide cathodes 8-52614
- Bol'shakov, A.S.**, Gapeev, A.K., Dashevskaya, D.M., Mel'nikov, B.N., Shcherbakov, V.P. Anomalous behavior of the remanent magnetisation of ferromagnets during thermal demagnetisation near a phase transition 8-88142
- Bol'shakov, A.S.**, Mel'nikov, B.N. Determination of the paleogeomagnetic field intensity from integral TRM characteristics 8-73310
- Bolshakov, L.P.** see Filipchenko, A.S. 8-64389, 8-84644, 8-88335, 8-95596
- Bol'shakov, V.V.** Miniature fission chambers for investigation of neutron fields 8-82422
- Bolt, B.A.** Ocean bottom seismometry. A new dimension to seismology 8-65397
- Bolt, B.A.**, Stifler, J., Uhrhammer, R. The Briones Hills earthquake swarm of January 8, 1977, Contra Costa County, California 8-65187
- Bolta, J.M.** see Jakobsson, B. 8-66297
- Boltaev, A.P.**, Penin, N.A. Influence of hole-hole collisions on the heating of carriers in p-type germanium by a weak electric field 8-72161
- Boltneva, L.I.**, Izrael', Yu.A., Ionov, V.A., Nazarov, I.M. Total ^{137}Cs and ^{90}Sr contamination and external-radiation doses in the territory of the USSR 8-86698
- Bolton, B.A.**, Prasad, P.N. Intermolecular interactions and geometry of non-rigid molecules in weak crystalline complexes: vibrational spectra of 4,4'-dinitrobiphenyl complexes with biphenyl, biphenyl derivatives and p-terphenyl 8-88294
- Bolton, C.**, Schier, W.A., Tsoupas, N., Enge, H., Salomaa, M., Sperduto, A., Graue, A. Mass, velocity, angular and charge-state distributions from the fusion of ^{32}S and ^{112}Sn 8-82405
- Bolton, C.T.**, Rogers, G.L. The binary frequency of the OBN and OBC stars 8-53951
- Bolton, C.T.** see Turner, D.G. 8-73721
- Bolton, J.G.** see Savage, A. 8-54073
- Bolton, P.D.**, Trott, G.W. Quadmagnova—two mass spectrometers in a GC/MS computer system 8-76946
- Boltysanskii, A.G.**, Ovsyannikova, N.A., Khanvakaev, D.R. 3D films projection according to the 'Stereo-70' system 8-86371
- Bolycheva, E.Ya.**, Mochalkin, V.N. Existence of a weak low-energy band in transpolynes 8-82625
- Bolyunova, A.D.**, Mulyarchik, T.M., Shuiskaya, F.K. Transport of dissipating photoelectrons in the magnetosphere 8-69611
- Bolzoni, F.** see Asti, G. 8-95472
- Bom, A.H.A.** see van Zwieten, G. 8-80942
- Bom, J.** van der see van der Bom, J.
- Bomas, H.** see Seidel, P. 8-64331
- Bombach, J.L.** see Johnson, W.C. 8-71908
- Bombara, G.**, Cavallini, M. Two cases of stress cracking of pressure vessels in chemical plants 8-85027
- Bombi, F.**, Ciscato, D., Congiu, S., Noll, P., Zimmermann, D. CODAS—the proposed control and data acquisition system for JET 8-62619
- Bomchil, G.** see White, J.W. 8-87869
- Bommel, A.J.** Van see Van Bommel, A.J.
- Bommier, V.**, Sahal-Brechot, S. Quantum theory of the Hanle effect: calculations of the Stokes parameters of the D_2 helium line for quiescent prominences 8-85924
- Bon, A.M.** see Almairac, R. 8-79684
- Bon, A.M.** see Sauvajol, J.L. 8-56471, 8-64369
- Bonacic-Koutecky, V.**, Cizek, J., Dohnert, D., Koutecky, J. On the nature of the 'sudden polarization' effect in low lying singlet excited states 8-86792
- Bonadeo, H.**, D'Alessio, E., Halac, E., Burgos, E. Lattice dynamics, thermodynamic functions and phase transitions of p-dichloro- and 1,2,4,5-tetrachlorobenzene 8-67777
- Bonadeo, H.** see Burgos, E. 8-76444
- Bonafede, M.**, Boschi, E., Sabadini, R. Some effects of elastic prestress within the Earth 8-77202
- Bonafede, M.**, Mulargia, F., Boschi, E., Baldi, P., Postpischl, D. A physical model of anomalous aftershock sequences 8-77194
- Bonamini, R.**, Andra', G.C., Brusca, A., Rosettani, E. Application of a system for the automatic control of a clinical electrophysiology laboratory 8-57110
- Bonamy, J.**, Robert, D. Vibrational dephasing effects and motional narrowing in the isotropic Raman Q branch of HD 8-74738
- Bonamy, P.** see Alam, M.S. 8-66167
- Bonani, G.**, Stoller, Ch., Stockli, M., Suter, M., Wolfli, W. Quantitative trace analysis using ion induced X-rays 8-64900
- Bonani, G.** see Stoller, Ch. 8-70924
- Bonani, G.** see Wolfli, W. 8-58802
- Bonart, R.**, Rudolph, V. Investigation of the thermal shrinkage of uniaxially drawn PMMA as a model of partially drawn crystalline synthetic fibres 8-76722
- Bonart, R.** see Luttgert, K.E. 8-76624
- Bonatii, E.** The origin of metal deposits in the oceanic lithosphere 8-53634
- Bonatti, E.** Vertical tectonism in oceanic fracture zones 8-53638
- Bonazzola, G.C.**, Chiavassa, E., Dellacasa, G., Gallo, M., Musso, A., Rinaudo, G., Bresnani, T. The production of hypernuclei by K^- of 390 MeV/c 8-74402
- Bonazzola, S.** see Ilovaisky, S.A. 8-73773
- Bonazzola, S.** see Viala, Y. 8-61898
- Bonch-Bruевич, A.M.** see Aleshin, I.V. 8-80438
- Bonch-Bruевич, V.L.**, Timofeev, A.B. Theory of superconductivity in disordered systems 8-80092
- Bonche, P.**, Grammaticos, B., Koonin, S. Three-dimensional time-dependent Hartree-Fock calculations of $^{16}\text{O}+^{16}\text{O}$ and $^{40}\text{Ca}+^{40}\text{Ca}$ fusion cross sections 8-66318
- Bonchev, Ts.** see Tsankov, L. 8-84502
- Bonciani, L.**, Grassi, W. A conduction centrifugal electromagnetic pump 8-86246
- Bonczyk, P.A.** see Eckbreth, A.C. 8-88635
- Bond, A.**, Last, J.R. Mechanical design of the inner poloidal field coils of the JET Tokamak 8-50387
- Bond, A.**, Martin, A.R. Project Daedalus 8-81521
- Bond, A.**, Martin, A.R. Project Daedalus: the mission profile 8-81523
- Bond, A.** see Martin, A.R. 8-81657
- Bond, A.H.**, Jr. see Finston, H.L. 8-85239
- Bond, A.M.**, Grabaric, B.S. Alternating current polarography using a non-linear, potential-time ramp to generate the d.c. potential 8-53292
- Bond, A.M.**, Schwall, R.J., Smith, D.E. On-line FFT faradaic admittance measurements. Application to a.c. cyclic voltammetry 8-61118
- Bond, A.M.** see Blustein, H. 8-61119
- Bond, A.M.** see Drake, K.F. 8-85235
- Bond, A.R.** The use of eddy currents in corrosion monitoring 8-88584
- Bond, D.A.**, Bockemuhle, L.P. Small digital systems to replace multi-point recorders in the thermal test laboratory 8-81966
- Bond, F.R.** see Thomas, I.L. 8-81487
- Bond, G.** Evidence for late Tertiary uplift of Africa relative to North America, South America, Australia and Europe 8-77207
- Bond, H.E.** CD-42°14462: a dwarf nova in permanent outburst 8-53966
- Bond, H.E.**, Liller, W., Mannery, E.J. UU Sagittae: eclipsing nucleus of the planetary nebula Abell 63 8-93304
- Bond, R.**, Motz, H. A computational study of the role of the equation of state and the boundary pressure profile in the compression of a superdense plasma 8-83589
- Bond, V.P.**, Meinhold, C.B., Rossi, H.H. Low-dose RBE and Q for X-ray compared to gamma-ray radiations 8-73175
- Bondar, A.V.** see Belyaev, A.D. 8-72465, 8-91729
- Bondar', E.A.**, Kulyupin, Yu.A., Popovich, N.N. Inverse problem of the phenomenological theory of the optical properties of thin films 8-52591
- Bondar, L.** see Birkhoff, G. 8-58346
- Bondar, V.M.**, Radchenko, V.S., Solonchuk, L.S. Conductivity of warm holes in tellurium 8-72160
- Bondar, V.N.**, Fedorenko, G.M., Sharevskii, B.A. Data transmission over an optical communication channel in thermometry rotating cryogenic systems 8-57966
- Bondarchuk, P.M.** see Kipnis, B.A. 8-74024
- Bondarenko, A.A.** see Ogrin, Yu.F. 8-91736
- Bondarenko, A.N.**, Drobot, Yu.B., Kruglov, S.V. Optical excitation and detection of nanosecond acoustic pulses in nondestructive testing 8-53159
- Bondarenko, G.V.**, Gorbatiy, Yu.E. Analysis of the contour of the $\nu_2+\nu_3$ absorption band in the spectra of liquid D_2O at temperatures from 20 to 350°C 8-62855
- Bondarenko, L.N.**, Kurguzov, V.V., Prokof'ev, Yu.A., Rogov, E.V. Measurement of the neutron half-life 8-93879
- Bondarenko, M.** see Chukin, V.T. 8-53760
- Bondarenko, M.D.**, Bandur, A.M. Membrane compressor 8-86286
- Bondarenko, N.F.**, Zheleznyi, B.V., Osipov, Yu.A., Ostapenko, N.S. Rheological characteristics of thin wetting films of single-component liquids, as determined by a capillary method 8-51788
- Bondarenko, N.L.**, Stipura, A.P., Kozhevnikov, V.I., Smirnov, N.I. Linearization of the output signal of the electromagnetic probes of thickness gauges 8-56862
- Bondarenko, N.L.** see Chub, A.F. 8-71002, 8-74817
- Bondarenko, N.V.** see Fialkov, A.S. 8-68715
- Bondarenko, R.S.** see Selivanov, A.S. 8-96321
- Bondarenko, V.A.** see Mel'gui, M.A. 8-60913
- Bondarenko, V.G.**, Grigor'ev, V.A., Maklyayev, E.F., Runtso, M.F. Scintillation time-of-flight telescope for cosmic-ray studies 8-82572
- Bondarenko, V.N.** see Tishchenko, Z.V. 8-83218
- Bondarenko, V.S.** see Antuf'eva, R.N. 8-59220
- Bondarev, A.F.** Effect of concentration fluctuations in solutions of linewidths in molecular vibrational spectra 8-70880
- Bondarev, B.I.** see Kinzhivalo, V.V. 8-80516
- Bondarev, S.L.** see Dzhagarov, B.M. 8-68987
- Bondarev, V.V.** see Brzhozovskii, B.M. 8-87080
- Bonde, H.P.** see Shrivastava, S.B. 8-76548
- Bondelid, R.O.** see Allas, R.G. 8-86539
- Bondeson, A.** see Anderson, D. 8-63559, 8-89366
- Bondeson, A.** see Fernandez, J.C. 8-57792
- Bondeson, S.R.** see Chesnut, D.B. 8-75997
- Bondori, J.P.**, Fai, G., Nielsen, O.B. Ground-state correlations observable in hard heavy-ion reactions 8-78406
- Bondori, J.P.** see De, J.N. 8-89894
- Bondouk, I.** see Baranik, A.T. 8-62543
- Bonds, A.B.**, Freeman, R.D. Development of optical quality in the kitten eye 8-64982
- Bondurant, R.A.** see Leib, K.G. 8-94371
- Bondybey, V.E.**, Albiston, C. Subpicosecond vibrational relaxation in Ca_2 in rare gas solids 8-58711
- Bondybey, V.E.**, English, J.H. Relaxation processes in matrix isolated C_3 8-66637
- Bondybey, V.E.**, English, J.H. Emission and excitation spectra of the CCN free radical in solid argon 8-70868
- Bondybey, V.E.**, English, J.H. S_2 fluorescence and excitation spectra in solid Ar 8-94271
- Bondyopadhyay, P.K.** Scattering by a spherical shell with an arbitrarily located circular aperture—a new approach 8-62989
- Bondyopadhyay, P.K.** Electromagnetic field penetration into a spherical cavity—a new approach 8-86990
- Bone, R.**, McTavish, J. CYCLOPS—a demonstration model of the human retina 8-77655
- Bone, R.C.** see Ryan, A. 8-65035

- Boned, C.** *see* Lagourette, B. 8-60374
- Boned, C.** *see* Peyrelasse, J. 8-56426
- Boneh, Y.** *see* Blocki, J. 8-86501
- Bonek, E.,** Knecht, M., Magerl, G., Preis, K., Richter, K.R. Coupling and tuning of trapped-mode microwave resonators [laser beam modulation] 8-55389
- Bonel, G.** *see* Roux, P. 8-83789
- Bones, J.,** Maltby, P. The Evershed flow in the transition region chromosphere-photosphere 8-65593
- Boness, M.J.W.** *see* Trainor, D.W. 8-62931
- Bonesteel, R.M.,** Piper, D.E., Davinroy, A.T. Compliance and K, calibration of double cantilever beam (DCB) specimens 8-55598
- Bonetti, S.** *see* Alibrán, P. 8-50026
- Bonetti, S.** *see* Erriquez, O. 8-82195
- Boney, L.R.** *see* Kurtz, L.A. 8-79291
- Bonfanti, G.** Influence of the recent Chinese nuclear experiments on the radioactive fallout at Milano-Segrate (1976-1977) 8-58501
- Bonfield, W.** *see* Baker, S.J. 8-56744, 8-80628
- Bongardt, J.** Investigations on forming behaviour of PVC materials 8-64556
- Bongardt, K.** Derivation of sum rules for quark and baryon fields 8-93822
- Bongardt, K.,** Pilkuhn, H. Calculation of nuclear capture rates of Σ^+ -hyperonic atoms 8-62962
- Bongartz, R.** *see* Kroger, W. 8-82429
- Bongianni, W.L.,** Butler, S.M., Miller, J.R. Batch processing techniques for microballoon fusion targets 8-50312
- Bonham, R.A.,** Konaka, S. The second Born approximation for electron scattering. I. The high energy limit for small angle elastic scattering from atoms 8-78811
- Bonham, R.A.** *see* Kennerly, R.E. 8-74765
- Bonham, R.A.** *see* Sellers, H.L. 8-86963
- Bonhommet, N.** *see* Huxtable, J. 8-92808
- Boniface, B.** *see* Huvenne, J.P. 8-84582
- Bonifacio, R.,** Lugiato, L.A. Bistable absorption in a ring cavity 8-50821
- Bonifacio, R.,** Lugiato, L.A. Instabilities for a coherently driven absorber in a ring cavity 8-50822
- Bonifacio, R.,** Lugiato, L.A. Mean field model for absorptive and dispersive bistability with inhomogeneous broadening 8-50823
- Bonifazi, C.,** Cerulli-Irelli, P., Egidi, A., Formisano, V., Moreno, G. The EGD positive ion experiment on the ISEE-B satellite 8-85805
- Bonilla, I.R.,** Demtroder, W., Paech, F., Schmiedl, R. Sub-Doppler spectroscopy of NO₂ 8-90210
- Boning, K.** Electronic transport properties of metals containing self-interstitials and vacancies 8-60105
- Boning, K.,** Bauer, G.S., Fenzl, H.J., Scherm, R., Nicklow, R.M. Neutron inelastic-scattering measurements of phonon dispersion curves in aluminum reactor-irradiated at 4.6K 8-75758
- Boning, K.** *see* Nakagawa, M. 8-71765
- Bonino, G.,** Lombardini, P.P., Trivero, P. Methods of temperature measurement in a radio-acoustic tropospheric sounder 8-53728
- Bonino, G.B.,** Bertolozza, A. Raman and infrared spectra of mixtures characterised by strong hydrogen bonds and their importance in the study of applied biological problems of interest 8-82735
- Boniuk, H.** *see* Durski, Z. 8-59798
- Bonjer, K.-P.** *see* Muller, G. 8-65201
- Bonjour, E.** *see* Couach, M. 8-52126
- Bonjour, E.** *see* Loyzance, P.L. 8-87641
- Bonnafé, J.** *see* de Murcia, M. 8-60157
- Bonnafé, J.** *see* Manificier, J.C. 8-79989
- Bonnal, J.F.** *see* Adam, J. 8-71473
- Bonneau, D.,** Frene, J. Phosphorescent tracer method to measure velocity profiles in fluid film lubrication 8-94866
- Bonneau, G.,** Valent, G. Scattering lengths and baryon magnetic moments in a gauge model of strong and electromagnetic interactions 8-74133
- Bonneau, G.,** Valent, G. Asymptotic scale invariance in two-dimensional theories: a massive Thirring model with bosons 8-93799
- Bonneaud, G.** *see* Alibrán, P. 8-50026
- Bonneaud, G.** *see* Degre, A. 8-94019
- Bonneaud, G.** *see* Erriquez, O. 8-82195
- Bonnebat, C.** *see* de Vries, A.J. 8-80590
- Bonnecaze, G.,** Lichanot, A., Gromb, S. Electronic and electrogalvanic properties of a silver sulphide in region of existence 8-84237
- Bonnefoi, P.,** Dargier, C., Poujol, A., Rouyer, H., Zwingelstein, G. On line control of a liquid-liquid extraction column by modal control techniques 8-54865
- Bonnekessel, J.,** Klier, M. Data acquisition and processing of a microwave plasma detector for gas chromatography 8-64895
- Bonnelle, C.** *see* Karnatak, R.C. 8-84681
- Bonner, B.** *see* Thomas, W. 8-70392
- Bonner, B.E.,** Hollas, C.L., Newson, C.R., Riley, P.J., Glass, G. nD scattering at 180° for neutron energies from 200 to 800 MeV 8-62445
- Bonner, B.E.,** Simmons, J.E., Evans, M.L., Glass, G., Hiebert, J.C., Jain, M., Northcliffe, L.C., Bjork, C.W., Riley, P.J., Cassapakis, C.G. Extreme back angle n²H elastic scattering at 794 MeV 8-50174
- Bonner, B.E.,** Simmons, J.E., Glass, G., Jain, M. np charge exchange scattering for neutron energies 300-800 MeV 8-62434
- Bonner, B.E.,** Simmons, J.E., Wallace, J.M., Evans, M.L., Glass, G., Hiebert, J.C., Jain, M., Northcliffe, L.C., Bjork, C.W., Riley, P.J., Cassapakis, C.G. Quasielastic charge exchange in n²H→pnn at 794 MeV 8-50173
- Bonner, B.E.** *see* Glass, G. 8-62437
- Bonner, B.E.** *see* Hollas, C.L. 8-70384
- Bonner, B.E.** *see* Riley, P.J. 8-70389, 8-70534
- Bonner, D.C.** *see* Cheng, Y.L. 8-71859
- Bonner, J.C.** One-dimensional model systems: theoretical survey 8-68129
- Bonner, J.C.,** Wei, T.S., Hart, H.R., Jr., Interante, L.V., Jacobs, I.S., Kasper, J.S., Watkins, G.D., Blote, H.W.J. Thermal and magnetic study of exchange in the quasi-1D molecular compound, TTF.PtS₄C₄(CF₃)₄ 8-68209
- Bonner, J.C.** *see* Johnson, J.D. 8-68202
- Bonner, R.E.,** Crevasse, L., Ferrer, M.I., Greenfield, J.C., Jr. A new computer program for comparative analysis of serial scalar electrocardiograms: description and performance of the 1976 IBM program 8-57086
- Bonner, W.A.,** LeCraw, R.C., Pierce, R.D., Van Uitert, L.G. Bubble properties of garnet films prepared from molybdate fluxes 8-68322
- Bonner, W.A.** *see* LeCraw, R.C. 8-91706
- Bonnerot, J.** *see* Chakraverty, B.K. 8-72357
- Bonnet, G.** Introduction to metaxial optics. I. Metaxial diffraction in a diffraction space: structural trilogy, spherical dioptré 8-74844
- Bonnet, G.** Introduction to metaxial optics. II. Centered refracting systems (undiaphragmed and without aberration) 8-94369
- Bonnet, J.P.** A method to investigate orientational order in plastic crystals with unknown orientation by depolarized Rayleigh scattering. Application to succinonitrile 8-75612
- Bonnet, M.,** Dela Palme, A., Becker, P., Fuess, H. Magnetization density in yttrium iron garnet (YIG) 8-52215
- Bonnet, M.M.** *see* Duchemin, M.J.-P. 8-56586
- Bonnet, R.** In vitro indexing of electron diffraction spots by computer. Application to a bicrystal 8-75507
- Bonnet, R.M.** *see* Lemaire, P. 8-93185
- Bonneville, R.,** Chemla, D.S. Symmetries of the light scattering processes in low-density fluids 8-80366
- Bonneville, R.** *see* Chemla, D.S. 8-55713
- Bonnier, B.** Strong coupling regime of the anharmonic oscillator from perturbation theory and application to the Φ_4^4 model 8-89622
- Bonniot, C.** *see* Borghi, R. 8-94853
- Bonoel, G.** *see* Angely, L. 8-63944
- Bonometto, S.A.,** Lucchin, F. On a possible explanation for the 9 Mpc break of the covariance function 8-65688
- Bonometto, S.A.,** Lucchin, F. Inversion of Limber's relativistic formula 8-69891
- Bonomo, F.S.** *see* Murcay, D.G. 8-81287
- Bonsang, B.,** Nguyen, B.C. Sulfur dioxide measurement in marine atmosphere at concentrations lower than PPB 8-81340
- Bonsang, B.** *see* Nguyen, B.C. 8-81390, 8-96237
- Bonsch, G.** Wavelength intercomparison between methane- and iodine-stabilized He-Ne lasers: alignment and error estimations 8-87089
- Bonse, U.** *see* Rauch, H. 8-67735
- Bonse, R.R.** *see* McDermott, W.E. 8-55347
- Bontcheva-Mladenova, Z.** *see* Pavloff, O. 8-64044
- Bontemps, N.,** Hulin, D., Mysyrowicz, A. Electron-hole plasma luminescence in GaP 8-52559
- Bonthonneau, F.** *see* Plouin, F. 8-74364
- Bontje, J.A.** *see* Brink, H.M.T. 8-81342
- Bontoux, P.,** Gilly, B., Roux, B. Solution of non-stationary Navier-Stokes equations. Analysis of numerical stability of the ADI scheme 8-87325
- Bonvisuto, G.** Direct analytical solution for turbulent pipe-flow problems 8-87393
- Bonzel, H.P.,** Latta, E.E. Surface self-diffusion on Ni(110): temperature dependence and directional anisotropy 8-87851
- Booda, L.L.** Scripts—cramped but bigger and more diversified than ever 8-69464
- Boody, F.P.,** Kruger, A.W., Choi, C.K., Lee, D., Choi, C.K., Miley, G.H. NPL-NS—A 'next step' experiment for inertial confinement fusion 8-58997
- Boody, F.P.** *see* Prelas, M.A. 8-58445
- Boog, A.G.M.** *van der see* van der Boog, A.G.M.
- Boogaard, J.** Measurement of heat-exchanger tube thickness [eddy current technique] 8-68852
- Booi, C.G.** Air pollution by continuous point sources. VIII. Target values and standards. (v). German laws, standards, guidelines and limiting values 8-57312
- Booi, C.G.** Air pollution by continuous point sources. VIII. Target values and standards. (vi). Assessment of operating rules 8-53720
- Booi, C.G.** Air pollution by continuous point sources. IX.1. Prediction of effect on medium. Fundamentals 8-61545
- Booi, C.G.** Air pollution by continuous point sources. IX. 5. German calculation models 8-61548
- Booi, C.G.** Air pollution by continuous point sources. IX.2. Methods of calculation 8-61611
- Booi, C.G.** Air pollution monitoring using continuous point sources. X. Miscellaneous (conclusion). (i). Correct and incorrect chimneys 8-81364
- Booker, H.G.,** Ferguson, J.A. A theoretical model for equatorial ionospheric spread-F echoes in the HF and VHF bands 8-85764
- Booker, J.R.,** Stengel, K.C. Further thoughts on convective heat transport in a variable-viscosity fluid 8-55641
- Booker, J.R.** *see* Rowe, R.K. 8-59313
- Booker, R.L.** Luminance-brightness comparisons of LED alpha-numeric sources at suprathreshold levels 8-92625
- Bookmeyer, B.B.,** Fitch, W.S., Lee, T.A., Wisniewski, W.Z., Johnson, H.L. Photoelectric UVB observations of RR Lyrae variable stars, second list 8-81639
- Bookmyer, B.B.,** Faulkner, D.R. A note concerning EZ Hydrate 8-73737
- Boochand, P.** *see* Rots, M. 8-52395
- Booles, S.R.** *see* Liming, R. 8-79571
- Boom, E.W.,** van der Elksen, J. Anisotropic intermolecular force effects in the far infrared absorption spectra of the Ar-HCl Van der Waals molecule 8-62869
- Boom, H.Van Den** *see* Van Den Boom, H.
- Boom, R.** *see* Miedema, A.R. 8-51803
- Boom, R.W.** *see* El-Derini, M.N. 8-66369
- Boom, R.W.** *see* Hilal, M.A. 8-54997
- Boomer, D.W.** *see* Mosely, M.M. 8-69514
- Boomgaard, J.** *Van den see* Van den Boomgaard, J.
- Boomgaard, T.** *Van Den see* Van Den Boomgaard, T.
- Boon-Keng Teo, Eisenberger, P.,** Reed, J., Barton, J.K., Lippard, S.J. Study of the binding of cis- and trans-dichlorodiammineplatinum(II) to Calf Thymus DNA by extended X-ray absorption fine structure spectroscopy 8-85291
- Boone Miller, J.,** Koshland, D.E., Jr. Sensory electrophysiology of bacteria: relationship of the membrane potential to motility and chemotaxis in *Bacillus subtilis* 8-53373
- Boonstra, A.H.,** Mutsaers, C.A.H.A. Small values of the temperature coefficient of resistance in lead rhodite thick films ascribed to a compensation mechanism 8-84315
- Boonstra, E.G.** *see* Viljoen, P.E. 8-71915
- Boord, W.T.** *see* Doerfler, W.W. 8-83050
- Boore, D.M.,** Dunbar, W.S. Effect of the free surface on calculated stress drops 8-65193
- Boos, E.G.,** Borisenko, A.I., Kazanskaya, A.N., Kholmetskaya, A.V., Morozova, P.V., Pavlova, N.P., Lepek hin, F.G., Simonov, B.B., Adamovich, M.I., Chernyavskij, M.M., Kharlamov, S.P., Larionova, V.G., Maslennikova, N.V., Orlova, G.I., Salmanova, N.A., Tretyakova, M.I., Yagudina, F.R., Abduzhamilov, Sh., Azimov, S.A., Chernova, L.P., Chernov, G.M., Gadzhieva, S.I., Gulamov, K.G., Kasymova, N.S., Petrov, V.I., Scripnik, N.S., Trofimova, T.P. Diffractive coherent production in interactions of 400 GeV/c protons on emulsion nuclei 8-62530
- Boos, E.G.,** Dremine, I.M., Lukin, E.S., Orlov, A.M. Some many-particle correlations in pp interactions at 69 GeV/c and their interpretation based on the multi-cluster model 8-74285
- Booth, B.,** Walker, G.P.L., Croasdale, R. A quantitative study of five thousand years of volcanism on Sao Miguel, Azores 8-61382
- Booth, B.L.** Photopolymers for laser recording and 'KTP'—new frequency doubling material 8-71173
- Booth, C.,** Beer, T., Penrose, J.D. Diffusion of salt in tap water 8-61980
- Booth, C.** *see* Cooper, D.R. 8-51448
- Booth, J.A.** *see* Huguet, M. 8-50349
- Booth, J.G.,** Cywinski, R., Prince, J.G. Magnetic and structural phases of nickel and copper substituted CoGa alloys 8-52253
- Booth, J.G.,** Ziebeck, K.R.A., Chagnon, R. The effect of platinum on the itinerant antiferromagnetism of chromium 8-64191
- Booth, L.A.** Applications of inertial confinement fusion 8-50314
- Booth, L.A.,** Bohachevsky, I.O. Requirements for commercialization of inertial confinement fusion 8-50330

- Booth, L.A.**, Bohachevsky, I.O. Requirements for commercialisation of inertial confinement fusion 8-58410
- Booth, L.A.**, Frank, T.G. A characterization of laser fusion reactor concepts 8-58422
- Booth, L.A.**, Pendergrass, J.H. Synthetic fuel production from ICF sources 8-50335
- Booth, L.A.** *see* Bohachevsky, I.O. 8-50331
- Booth, L.A.** *see* Devaney, J.J. 8-50337
- Booth, M.C.**, Kieffer, H.H. Carbonate formation in Marslike environments 8-61778
- Booth, N.E.** *see* Gordon, B.A. 8-82216
- Booth, P.S.L.** *see* Albrow, M.G. 8-58214
- Booth, R.**, Lefevre, H.W. Space charge lens for high current ion beams 8-55075
- Booth, R.J.**, Mustafa, M.R., McGarvey, B.R. Clustering and defect structure of CaF_2 crystals doped with YbF_3 and ErF_3 as determined by ^{19}F nuclear magnetic resonance 8-80229
- Boothe, T.E.** *see* Jiann-long Wu 8-73031
- Boots, H.M.J.**, Deutch, J.M. On the phenomenological theory of diffusion 8-93626
- Bootsma, G.A.** *see* Albers, H. 8-91542
- Bootsma, G.A.** *see* Schouten, F.C. 8-63932
- Booyens, H.**, Vermaak, J.S., Proto, G.R. The piezoresistance effect and dislocations in III-V compounds 8-60123
- Booyens, H.**, Vermaak, J.S., Proto, G.R. The anisotropic carrier mobility due to dislocations in III-V compounds 8-60124
- Booyens, H.**, Vermaak, J.S., Proto, G.R. On the temperature distributions around dislocations in III-V compounds due to Joule heating 8-71734
- Booz, O.**, Fasel, H. Numerical calculation of rotation-symmetrical flows between rotating coaxial cylinders 8-94750
- Boozer, A.H.**, Rochester, A.B. Effect of magnetic perturbations on divertor scrape-off width 8-59657
- Bopp, B.W.** On the identification of some transient soft X-ray sources with flare stars 8-96485
- Bopp, F.W.** *see* Aurenche, P. 8-62377
- Bopp, P.** *see* Jancso, G. 8-92501
- Bopp, R.C.** *see* Mehta, A. 8-89482
- Boquet, R.** *see* Alarcon, C. 8-86121
- Bor, Z.** *see* Racz, B. 8-82959
- Bor, Z.** *see* Schafer, F.P. 8-74899
- Bor-ming Jahn**, Floran, R.J., Simonds, C.H. Rb-Sr isochron age of the Manicouagan melt sheet, Quebec, Canada 8-81168
- Bor-Shenn Jeng** *see* Yinn-nien Huang 8-65453
- Boraas, S.** Investigation of jet curtains for chemical laser application 8-63099
- Boraas, S.** Hydraulic equivalent of generalized one-dimensional flow 8-94627
- Boratto, F.J.M.**, Reed-Hill, R.E. Oxygen and nitrogen diffusion in tantalum 8-75888
- Borbely, A.** *see* Buczko, C.M. 8-73112
- Borbely, I.** Spectroscopy by continuation of polarization observables into the nonphysical region 8-78356
- Borblík, V.L.** Nonlinear theory of the electromagnetic wave propagation in intrinsic semiconductor 8-60150
- Borcard, B.** *see* Bene, G.-J. 8-73187
- Borchardt, S.** *see* Balachandran, A.P. 8-54225, 8-54226, 8-78089
- Borchelt, J.G.**, Brown, R.H. An indirect tensile test for masonry units 8-53061
- Borchers, P.H.** *see* Alfrey, G.F. 8-64368
- Borchers, F.** *see* Weber, R. 8-56946
- Borchers, H.**, Assmann, H. Influence of tin-additions on the precipitation behaviour of lead-calcium alloys 8-52821
- Borchert, G.L.**, Hansen, P.G., Jonson, B., Lindgren, I., Ravn, H.L., Schult, O.W.B., Tide-mand-Petersson, P. Shifts in the energies of holmium K X-rays and the role of atomic structure 8-70777
- Borchkhadze, T.M.** *see* Bergwall, N.A.S. 8-77497
- Borchsenius, K.** A generalized non-Riemannian super-gauge formalism 8-82122
- Borchsenius, K.** Symmetries in a unified gauge theory with torsion 8-89386
- Borckmans, P.**, Walgraef, D., Dewel, G. Critical dynamics of paramagnets with dipolar coupling 8-52286
- Borckmans, P.** *see* Walgraef, D. 8-78989
- Borcsik, M.P.** *see* Means, J.L. 8-69349
- Bordas, J.**, Robertson, J., Jakobsson, A. Ultraviolet properties and band structure of SnS_2 , SnSe_2 , CdI_2 , PbI_2 , BiI_3 and BiOI crystals 8-72545
- Bordas, J.** *see* Glazer, A.M. 8-67613
- Borde, C.J.** Progress in understanding sub-Doppler line shapes 8-82697
- Borde, C.J.** *see* Van Lerberghe, A. 8-71112
- Borde, J.** Determination of the total nuclear spin in a rovibronic state. Application to the molecules SF_6 and PF_5 8-58658
- Borderie, B.** *see* Ishii, K. 8-76964
- Borderies, N.** *see* Balmino, G. 8-77550
- Borders, J.A.**, Langley, R.A., Wilson, K.L. Low energy hydrogen and deuterium sputtering measurements of stainless steel, graphite, and beryllium oxide 8-95630
- Borders, J.A.** *see* Cullis, A.G. 8-71709
- Bordner, G.L.** Nonlinear analysis of laminar boundary layer flow over a periodic wavy surface 8-90826
- Bordner, J.** *see* Chandross, R.J. 8-91331
- Bordogna, J.** *see* Keneman, S.A. 8-68572, 8-94417
- Bordoloi, K.C.**, Murray, T.M., Chaves, E.J. Analysis of optical behavior and collector performance of a solar concentrator 8-71193
- Bordonskii, G.S.**, Vasil'kova, I.B., Veselov, V.M., Vorsin, N.N., Militskii, Yu.A., Mirovskii, V.G., Nikitin, V.V., Raiser, V.Yu., Khapin, Yu.B., Sharkov, E.A., Etkin, V.S. The spectral characteristics of microwave thermal emission from some foam formations 8-69353
- Bordovitsyn, V.A.**, Byzov, N.N., Razina, G.K., Epp, V.Ya. Radiation of a relativistic magnetron. I 8-66056
- Bordure, G.** *see* Jacquemin, J.L. 8-60173
- Boreiko, R.T.** *see* Naylor, D.A. 8-55434
- Borelius, G.** Zero-point energy of electrons and phonons in the periodic system 8-78603
- Borer, J.S.**, Bacharach, S.L., Green, M.V., Kent, K.M., Epstein, S.E., Johnston, G.S. Evaluation of clinical utility of real-time computer-based radionuclide cineangiography 8-80957
- Borer, K.**, Fremont, G. The nuclear magnetic resonance magnetometer type 9298 8-77950
- Boretos, J.M.** *see* Syracuse, D.C. 8-69254
- Borevsky, L.Ya.** *see* Doroshuk, V.E. 8-90984
- Borg, H.** *see* Hultqvist, B. 8-81502
- Borg, R.J.** *see* Domb, E.R. 8-56335
- Borger, D.** *see* van Raaphorst, J.G. 8-69512
- Borgesen, P.**, Bottiger, J., Moller, W. Ranges of 10-30-keV deuterons implanted into solids 8-83858
- Borgesen, P.** *see* Moller, W. 8-95076
- Borghardt, A.A.**, Tolpygo, K.B. Space-time dispersion dielectric constant and causality principle 8-56418
- Borghese, C.**, Cosmi, R., De Gasperi, P., Tappa, R. Reversible oxidation in calcium-substituted yttrium iron garnet epilayers 8-76781
- Borghese, C.** *see* Antonini, B. 8-68339
- Borghese, C.** *see* Rosenberg, M. 8-52317
- Borghesi, A.** Tension control device for wires in large multiwire proportional chambers 8-70703
- Borghi, C.A.**, Sens, A.F.C., Veefkind, A., Rietjens, L.H.T. Experimental investigation on the discharge structure in a noble gas MHD generator 8-91166
- Borghi, M.** *see* Mari, C.M. 8-80812
- Borghi, R.**, Moreau, P., Bonnot, C. Theoretical predictions of a high velocity, premixed, turbulent flame 8-94853
- Borghini, M.**, Niinikoski, T.O., Soulie, J.C., Hartmann, O., Karlsson, E., Norlin, L.O., Pernestal, K., Kehr, K.W., Richter, D., Walker, E. Muon diffusion in niobium in the presence of traps 8-68439
- Borghini, M.G.** *see* Prescott, C.Y. 8-89719
- Borht, R.** *see* van der see van der Borht, R.
- Borgia, B.** *see* Amaldi, E. 8-78222
- Borgiel, W.** On the longitudinal correlation functions of the Heisenberg spin system with single-ion anisotropy 8-76214
- Borgman, E.R.** *see* Lippincott, S.L. 8-57594
- Borgman, J.** The ultraviolet reddening law in the 30 Doradus complex 8-96516
- Borgman, J.**, Danks, A.C., Hartsuiker, J.W. Interstellar extinction and stellar population in the 30 Doradus region 8-96517
- Borgogno, J.P.**, Pelletier, E. Use of Fourier coefficients in multilayer synthesis computations 8-90509
- Borgohain, P.** *see* Krori, K.D. 8-57570
- Boriack, M.L.**, Overhauser, A.W. Frictional force on a drifting charge-density wave 8-56123
- Boriack, M.L.**, Overhauser, A.W. Attenuation of phase excitations in charge-density wave systems 8-84157
- Boriack, M.L.**, Overhauser, A.W. Detection of a charge-density wave by angle-resolved photoemission 8-95658
- Boricic, Z.** *see* Saljnikov, V. 8-91024
- Borie, B.** On the observation of forbidden Bragg maxima for white tin 8-63638
- Borie, E.**, Jakob, H.P. Electromagnetic effects in πN scattering at high energies 8-93906
- Borie, E.**, Rinker, G.A. Improved calculation of the muonic-helium Lamb shift 8-94199
- Bories, S.**, Crausse, P., Gaudu, R., Bacon, G. Experimental study and numerical simulation of heat and mass transfer in porous unsaturated media 8-94542
- Bories, S.** *see* Maubourguet-Pellerin, M.-M. 8-59386
- Borikar, S.M.** *see* Karade, T.M. 8-65840
- Boring, J.W.** *see* Rogers, W.T. 8-74732
- Boring, M.**, Hecht, H.G. Calculations of the electronic structure and transitions of actinide metal hexafluorides 8-78627
- Boris, J.P.**, Orens, J.H. Rayleigh-Taylor stability in the Pellet Ablation layer 8-58473
- Borisenko, A.I.** *see* Boos, E.G. 8-62530
- Borisenko, S.I.** *see* Karavaev, G.F. 8-75994
- Borisenkov, E.P.** Development of the fuel and energy base and its impact on weather and climate 8-61539
- Borisenkov, E.P.**, Kaigorodtsev, A.E., Pokrovskii, O.M. Determination of the ozone profile from the outgoing thermal radiation 8-92945
- Borisenkov, E.P.**, Kouznetsov, M.A. On the parametrization of atmosphere-ocean interaction for storm conditions in application to atmospheric general circulation models 8-65359
- Borisevich, N.A.**, Dorokhin, A.V., Kotov, A.A. Luminescence of benzophenone vapor under laser excitation 8-82772
- Borisevich, N.A.**, Gorelenko, A.Y., Kalosha, I.I., Povedailo, V.A., Tolkachev, V.A. New active substances for complex organic compound vapour lasers 8-74904
- Borisevich, N.A.**, Gruzinskii, V.V., Kaputerko, M.N., Rozhkov, V.V. Luminescence of organic compound vapours during excitation by a beam of electrons 8-82780
- Borishanskii, V.M.**, Gotovskii, M.A., Zhinkina, V.B., Kozlova, L.V., Kosheleva, E.G., Lebedev, M.E., Novoselova, G.I., Firsova, E.V. Heat transfer in 'oblique' flow of a fluid with $\text{Pr} \ll 1$ over a single tube 8-55643
- Borishanskiy, V.M.**, Volkov, D.I., Ivashchenko, N.I., Krekturnov, O.P., Vorontsova, L.A., Makarova, G.A., Fishman, N.M. Effect of uncondensable gas content on heat transfer in steam condensation in a vertical tube 8-75041
- Borishanskiy, V.M.** *see* Aref'yev, K.M. 8-75192
- Borishanskiy, V.M.**, Andreevsky, A.A., Belenky, M.Y., Bykov, G.S., Gotovsky, M.A., Voluchova, T.G., Shlayfer, V.A. Determination of the limiting flow rate in liquid films for heat transfer crisis calculation 8-90987
- Borishina, N.G.** *see* Kornilov, I.I. 8-56822
- Boriskina, N.G.** *see* Kornilov, I.I. 8-85050
- Borisov, A.B.** The unitary representations of the general covariant group algebra 8-58136
- Borisov, A.M.**, Mashkova, E.S., Molchanov, V.A. Chain effect for fast recoils 8-56554
- Borisov, A.V.**, Zhukovskii, V.Ch., Eminov, P.A. Emission of neutrino pairs from an electron in a superstrong magnetic field 8-49991
- Borisov, B.A.**, Malyarenko, G.M., Mel'nikova, I.G., Meshcheryakov, R.P., Oblivantsev, A.N., Tronov, G.N. A radioactive method of determining small amounts of carbon in fluophosphate glasses 8-68961
- Borisov, B.A.** *see* Garibin, E.A. 8-71167
- Borisov, E.V.** Noise immunity of digital optical communication lines receiving wholly coded messages 8-87020
- Borisov, I.V.** *see* Bagdasaryan, Yu.V. 8-53732
- Borisov, N.D.**, Fischuk, D.I., Tsedilina, E.E. The frequency dependence of time on group delay of round-the-world signals 8-61654
- Borisov, R.K.**, Prokhorov, E.N. Experimental investigation of electrical strength recovery in spark gaps after passage of impulse current 8-67565
- Borisov, S.V.** *see* Potapova, O.G. 8-87656
- Borisov, V.F.**, Ovilko, O.G. Phase relations in an optical-mechanical scanning system and grating screen quality 8-94451
- Borisov, V.V.** Electromagnetic field of sources on sphere concentric with perfectly conducting sphere—dipole approximation 8-86991
- Borisov, Yu.A.** The virial-statistical method for calculating the energies of atoms and molecules. I. Principles of the method 8-62696
- Borisov, Yu.A.** The virial-statistical method for calculating the energies of atoms and molecules. II. Energies and atomization of molecules 8-62697
- Borisov, Yu.A.** *see* Nikitin, V.P. 8-56755
- Borisov, Yu.S.** *see* Borisova, A.L. 8-60632
- Borisova, A.L.**, Borisov, Yu.S. A thermodynamic evaluation of the effect of nonstoichiometry of compounds on the course of their solid-phase reactions 8-60632
- Borisova, E.A.**, Kirichenko, N.I., Mareeva, V.S. Effect of alloying on the properties of heat treatable $\text{Ti}+2.5\% \text{ Cu}$ 8-56671
- Borisova, I.K.** *see* Bessalova, E.S. 8-77963
- Borisova, N.N.** *see* Movchan, B.A. 8-95738
- Borisova, O.M.** *see* Zhukov, A.A. 8-56646
- Borisova, R.D.**, Gukhman, A.A., Dil'man, V.V., Kader, B.A. Experimental study of the rate of turbulent heat and mass transfer in pipe inlet region at $\text{Pr} \gg 1$ 8-83383
- Borisova, R.D.** *see* Kader, B.A. 8-94716
- Borisova, T.S.** *see* Pokrovskaya-Soboleva, A.S. 8-75465
- Borisovskii, S.P.**, Vereikin, V.K., Vlasov, A.N., Ostapchenko, E.P., Teselkin, V.V., Chulyaeva, E.G., Yakovlev, Yu.M. Measuring stability and reproducibility of gas-laser generation frequency 8-90444

- Borisov, M.I.** *see* Konstantinov, L.L. 8-83864, 8-92049
- Borisov, M.I.** *see* Stoyanov, D.V. 8-55532
- Borisjuk, V.S.** *see* Fesenko, A.I. 8-57951
- Bork, A.** Computers as an aid to increasing physical intuition 8-81740
- Borkent, J.H., De Jong, A.W.J., Verhoeven, J.W., De Boer, T.J.** Photophysics of intramolecular electron donor-acceptor systems; N-carbazolyl-(CH₂)_n-tetrachlorophthalimide 8-82763
- Borkman, R.F.** *see* Cobb, M. 8-78769
- Borkovskaya, O.Yu., Dmitruk, N.L., Konakova, R.V., Tkhorik, Yu.A.** Investigation of radiation defects in GaAs by means of Schottky diode characteristics 8-76024
- Borkowicz, J., Korec, J., Nossarzewska-Orlowska, E.** Optimum growth conditions in silicon vapour epitaxy 8-76608
- Borkowicz, J.** *see* Korec, J. 8-52679
- Borkowski, B., Grzesiak, E., Kaczmarek, F., Kaluski, Z., Karolczak, J., Szymanski, M.** Chemical synthesis and crystal growth of laser quality praseodymium pentaphosphate 8-92184
- Borkowski, C.J.** *see* Blalock, T.V. 8-82005
- Borkowski, J., Chai, A.-T., Mo, T., Green, A.E.O.** Cloud effects on middle ultraviolet global radiation 8-92882
- Borkowski, S.** Variational principles in physically nonlinear thermoelasticity 8-54190
- Borlie, W.N.** *see* Bagai, R.K. 8-87675
- Borloo, E.** *see* Vinche, C. 8-68858
- Borman, V.D.** Investigation of the temperature dependence of the thermomagnetic effect in oxygen interaction with a platinum surface 8-60034
- Borman, V.D., Buttsev, B.I., Konakov, V.A., Nikolaev, B.I., Troyan, V.I.** Discovery of ferromagnetic properties in single layer of oxygen on surface of gold 8-64256
- Borman, V.D., Krylov, S.Yu., Maksimov, L.A., Nikolayev, B.I., Troyan, V.I.** On kinetic thermomagnetic phenomena in polyatomic Knudsen gases 8-75246
- Borman, V.D., Nikolaev, B.I., Ryabov, V.A., Troyan, V.I.** Parametric resonance of the thermal conductivity of molecular gases in magnetic and electric fields 8-83515
- Borman, V.D.** *see* Khmelev, A.V. 8-61052
- Bormann, M.** *see* Schroder, V. 8-82354
- Born, R.A.J.** *see* Van den Boomgaard, J. 8-68655
- Bornais, J., Brownstein, S.** A low-temperature thermometer for ¹H, ¹⁹F, and ¹³C 8-65949
- Borne, T.B.** Reply to 'Long-lived intermediates in the Borne-Bunker systems' 8-92465
- Bornec, Y.** *see* Le Bornec, Y.
- Bornemisza-Pausperl, P., Torok, I., Uray, I.** Some cross sections of nuclear reactions induced by 14 MeV neutrons on Bi 8-50177
- Bornemisza-Pausperl, P.** *see* Uray, I. 8-70453
- Borner, G.** *see* Rudolph, E. 8-93574
- Borner, H.G.** *see* Alexeev, V.L. 8-54721
- Borner, H.G.** *see* Casten, R.F. 8-62540
- Borngen, F., Richter, N.** A new stellar standard sequence in the Coma cluster of galaxies. (Preliminary report) 8-93436
- Bornier, L., Delobelle, P., Oytana, C.** A study of the high temperature rheological behaviour of the β and ($\alpha+\gamma_2$) phases of the eutectic alloy Cu-Al 8-72818
- Bornstein, N.S.** *see* Smeggl, J.G. 8-95853
- Borodachev, N.M., Malashenko, S.P.** The effect of loading frequency on the growth rate of fatigue cracks 8-83873
- Borodachev, S.M.** Influence of short-range order on the density of states of binary alloys: weak scattering limit in the coherent potential approximation 8-76929
- Borodai, S.P., Palii, I.S., Butaeva, V.I.** The IR absorption spectra of glasses in the MgO-BaO-Al₂O₃-SiO₂ system 8-88314
- Borodin, M.O., Fel'genkhauer, U.** One-phase quasi-linear Stefan problem 8-65884
- Borodin, V.A.** *see* Lakhtin, Yu.M. 8-56814
- Borodinsky, L., Wiecek, H.J., Mayfield, D., Ishida, T.** Carbon-13 vapor pressure isotope effect in CHF₃ 8-59938
- Borodovskii, Ya.A., Gavrilov, G.M., Goncharov, L.A., Kervalishvili, P.D., Litovchenko, P.G., Khorvat, A.M.** Recombination properties of germanium doped with Ba and Ca 8-56156
- Borodulin, M.I.** Some problems of the Donets Basin crustal evolution 8-69302
- Borodulin, V.P., Karpov, N.I.** Changes in the reflectivity of thermoregulative coatings on space vehicles due to corpuscular radiation 8-76542
- Borodulin, V.P.** *see* Koshelyaev, E.M. 8-74843
- Borodulya, L.P., Bobashov, V.V.** Design of major LAT (large azimuthal telescope) systems 8-73640
- Borodulya, V.A., Buevich, Yu.A.** Framework conduction in a granular system 8-59261
- Borodulya, V.A., Buevich, Yu.A., Zavyalov, V.V.** Relaxation autooscillations of a granular bed 8-59472
- Borodulya, V.A., Pavlinov, M.I.** Thermoconvective instability of a magnetic fluid with allowance for magnetic perturbations 8-94847
- Borokhovich, A.I., Dobrovinskii, I.R., Ivanov, V.A.** A device for inspecting the mechanical state of steel band used as a pulling member 8-76810
- Boron, S., Waldie, B.** Particle sizing by forward lobe scattered intensity-ratio technique: errors introduced by applying diffraction theory in the Mie regime 8-71031
- Boronow, E.** *see* Stempler, S. 8-59202
- Boroske, E., Helfrich, H.** Anisotropy of the magnetic susceptibility of lecithin membranes 8-92601
- Boroske, E.** *see* Trahms, L. 8-91234
- Borosen, T.** *see* Weymann, R.J. 8-54070
- Borovik, A.E., Nechiporenko, I.N.** Fluctuational break-down of metastable states of magnetic materials at phase transitions 8-52245
- Borovik-Romanov, A.S., Prozorova, L.A.** Spin waves in antiferromagnetics 8-91960
- Borovik-Romanov, A.S., Zhotikov, V.G., Kreines, N.M.** Light scattering on spin waves of the low-frequency branch of the spectrum in weakly ferromagnetic CoCO₃ 8-72419
- Borovinskaya, I.P.** *see* Martirosyan, N.A. 8-60634
- Borovitskaya, N.M., Zul'karnaeva, E.Yu., Markus, F.A.** Experimental study of fluctuations in the intensity of light waves passing through a turbulent atmospheric layer 8-61557
- Borovkov, V.M.** *see* Bakhvalova, V.V. 8-49855
- Borovkov, V.P.** *see* Zozulya, N.V. 8-75038
- Borovlev, S.P.** *see* Bulgakov, M.I. 8-60347
- Borovo, A.A., Klimov, Yu.V., Kopeikin, V.I., Mikaelyan, L.A., Shkol'nik, D.K.** Search for production of superdense nuclei during fission 8-58310
- Borovskii, V.R., Shelimanov, V.A., Sharkova, N.A., Polishchuk, R.Ya.** Heat exchange with small-radius cylindrical bodies in a longitudinal air stream 8-83401
- Borowicz, T.** *see* Truszkowska, K. 8-72617
- Borowski, S.K.** *see* Peng, Y.-K.M. 8-94137
- Borozdin, V.S., Smirnov, Yu.M., Sharonov, Yu.D.** Measurement of the cross sections of copper atoms for excitation by electron impact 8-50650
- Borra, E.F., Landstreet, J.D.** The magnetic field geometry of HD 215441 8-53950
- Borra, E.F.** *see* Landstreet, J.D. 8-93268
- Borreani, G., Ely, R., Fisher, C.M., Gidal, G., Grether, D., Guy, J.G., Leutz, H., Marchetto, F., Maurizio, D., Menichetti, E., Rinaudo, G., Suk, M., Tuckmantel, J., Tuli, S., Wenniger, H., Wignall, J.W.G.** A study of the reaction $\pi^+p \rightarrow \Delta^{++}\pi^0n$ at 4 GeV 8-82232
- Borrelli, F.** *see* Caprino, L. 8-57088
- Borrelly, R.** *see* Pelletier, J.M. 8-52862
- Borsa, F.** Nuclear magnetic resonance study of electronic spin dynamics in Heisenberg model paramagnets 8-76266
- Borsa, F., Boucher, J.-P., Villain, J.** Effect of magnetic field on the 3d ordering and spin correlations of the linear antiferromagnet (TMMC) 8-68229
- Borsa, F., Corti, M., Rigamonti, A.** Electronic spin-dynamics at a structural phase transition by cooperative Jahn-Teller effects: an Al²⁷ NMR study in PrAlO₃ 8-68403
- Borsay, F., Yeager, E.** Generation of ultrasound at metal-electrolyte interfaces 8-91526
- Borsenberger, P.M., Ateya, A.I.** Hole photogeneration in poly(N-vinylcarbazole) 8-80021
- Borsenberger, P.M., Contois, L.E., Hoesterey, D.C.** Field-dependent photogeneration in molecularly doped polymers 8-76104
- Borsenberger, P.M., Mey, W.** Potential discharge kinetics of double-layer polymeric photoreceptors 8-72194
- Borsenberger, P.M.** *see* Mey, W. 8-72191
- Borsh, V.V., Lisitsa, M.P., Mozol, P.E., Fekeshgazi, I.V.** Photoconductivity of ZnP₂ at high levels of excitation 8-64059
- Borshch, A.A., Brodin, M.S., Krupa, N.N.** Influence of self-focusing on laser damage to II-VI semiconductors 8-50844
- Borshch, A.A., Brodin, M.S., Krupa, N.N., Lukomskii, V.P., Pisarenko, V.G., Petropavlovskii, A.I., Chernyi, V.V.** Measurement of the coefficients of the nonlinear refractive index in CdS crystals by the nonlinear refraction method 8-79066
- Borshch, Yu.A.** The mixed plane elasticity theory problem for a ring sector 8-62080
- Borshchevskaya, L.P.** *see* Rychkov, V.I. 8-83131
- Borst, H.** The influence of the kinetic energy of electron avalanches on the gas amplification factor of methane-filled proportional counters 8-50439
- Borst, W.L., Nowak, G., Fricke, J.** Kinetic energy dependence of the secondary-electron yield for low energy O^(+S) metastables on a Cu-Be-O surface 8-58797
- Borst, W.L.** *see* Nowak, G. 8-74614
- Borst, W.L.** *see* Wells, W.C. 8-66672
- Borstel, G., Falge, H.J.** Dispersion of bulk phonon polaritons measured by infrared reflection 8-59902
- Borstel, G., Falge, H.J.** Surface polaritons in semi-infinite crystals 8-72087
- Borstel, G.** *see* Bauerle, D. 8-52483
- Borstel, G.** *see* Claus, R. 8-79946
- Borstel, G.** *see* Falge, H.J. 8-71939
- Borstel, G.** *see* Tillmanns, C.H. 8-71798, 8-79681
- Borsuk, G.M., White, M.H., Malarkey, E.** Wide-band acousto-optic radiometry 8-77983
- Borsuk, L.** What all connector engineers should know about fiber optics 8-94440
- Bortignon, P.F., Broghia, R.A., Bes, D.R.** On the convergence of the nuclear field theory perturbation expansion for strongly anharmonic system 8-62490
- Bortnichuk, N.I., Prudkovskii, G.P., Khotin, V.A., Khotina, A.V.** Simulation of an electron-optical system with a plasma emitter 8-67442
- Bortnichuk, N.I.** *see* Aver'yanov, V.V. 8-94945
- Bortnik, I.M.** Corona discharge characteristics in SF₆ 8-67584
- Bortnikov, A.V., Brevnov, N.N., Gerasimov, S.N., Zhukovskii, V.G., Kuznetsov, N.V., Pergament, V.I., Hutchinson, D., Khimchenko, L.N.** The effect of the magnetic configuration of the poloidal divertor on the plasma column of the finger-ring Tokamak T-12 8-59643
- Bortnyakov, Yu.L.** Computation of IMS errors with communication-channel characteristics taken into consideration 8-73957
- Bortolani, V., Celli, V., Marvin, A., Santoro, G.** A method for determining surface states by complex extension of tight binding 8-80032
- Bortolani, V., Nizzoli, F., Santoro, G.** Surface lattice dynamics in transition metals 8-71934
- Bortolani, V., Nizzoli, F., Santoro, G.** Surface density of acoustic phonons in GaAs 8-72536
- Bortolani, V., Nizzoli, F., Santoro, G.** Acoustic phonons at the (111) surface of chromium 8-95222
- Bortolani, V., Nizzoli, F., Santoro, G.** Surface lattice dynamics in semi-infinite transition metals 8-95224
- Bortolani, V., Nizzoli, F., Santoro, G.** Long-wavelength surface phonon spectrum of W (001) 8-75921
- Borts, B.V.** *see* Bubro, K.K. 8-86279
- Borucki, J.G.** *see* Loewenstein, M. 8-73438
- Borucki, W.J.** *see* Loewenstein, M. 8-73438
- Borucki, W.J.** *see* Whitten, R.C. 8-96275
- Boruvka, L., Neumann, A.W.** An analytical solution of the Laplace equation for the shape of liquid surfaces near a stripwise heterogeneous wall 8-67890
- Boryshanski, V.M.** *see* Andreyev, P.A. 8-94557
- Borysowicz, J.R., Hetherington, J.H.** Model dependence of charge densities determined from electron scattering 8-78248
- Borzabadi, E., Bailey, A.G.** The profiles of axially symmetric electrified pendent drops 8-87846
- Borzhev, A.P.** *see* Nikolaev, A.V. 8-51369
- Borzhev, A.P.** *see* Rykalin, N.N. 8-94944
- Borzone, G.** *see* Delfino, S. 8-60653
- Borzov, A.P.** *see* Rykalin, N.N. 8-67538
- Bos, K.** *see* Wapstra, A.H. 8-70949
- Bos-Alberink, A.J.A.** *see* Van Bruggen, C.F. 8-91848
- Bosacchi, B., Bessey, J.S., Jain, F.C.** Two-photon absorption of neodymium laser radiation in gallium arsenide 8-87107
- Bosacchi, B.** *see* Bessey, J.S. 8-55403
- Bosan, D.A.** Time of breakdown in rarefied gases between cold pure iron spheric electrodes 8-87571
- Bosanac, S.** A method for calculation of Regge poles in atomic collisions 8-49702
- Bosanac, S.** Calculation of the scattering amplitude in the Regge representation 8-58770
- Bosanac, S.** The contribution of orbiting to elastic total cross section 8-82814
- Bosansky, J.** Contribution to the mechanism of niobium carbonitride precipitation in the weld metals 8-84816
- Boscaino, R., Gelardi, F.M.** Pulse shape of the second harmonic generated by a two-level spin system 8-60327
- Bosch, A.** *see* ten Bosch, A.
- Bosch, A.** *see* Van den Bosch, A.
- Bosch, B., Deschamps, J., Leleu, M., Lopoukhine, M., Marce, A., Vibert, C.** The geothermal zone of Lake Assal (F.T.A.I.), geochemical and experimental studies 8-69314
- Bosch, F., Goresy, A.E., Martin, B., Povh, B., Nobiling, R., Schwalm, D., Trassel, C.** The proton microprobe: a powerful tool for non-destructive trace element analysis [lunar mineral and biological applications] 8-64911
- Bosch, H.** Interfering airfoils in two-dimensional unsteady incompressible flow 8-71356
- Bosch, M.A., Aumofen, G.** Exciton structure of crystalline K⁺CN⁻ 8-79935

- Bosch, M.A.**, Sievers, A.J. Very far infrared properties of amorphous solids 8-80344
- Boschan, J.** *see* Roll, H. 8-63767
- Boschi, E.** *see* Bonafede, M. 8-77194, 8-77202
- Boschi, E.** *see* Fazio, D. 8-61361
- Boschi, E.** *see* Mulargia, F. 8-65264
- Boschi, E.** *see* Mulargia, F. 8-96194
- Boschi, M.C.**, Scrivanti, M. Interocular comparison of eye movements while reading, for both normal and amblyopic subjects 8-53393
- Boschitz, E.** *see* Albanese, J.P. 8-54802
- Boschitz, E.** *see* Ingram, Q. 8-62579
- Boschitz, E.** *see* Jansen, J. 8-86552
- Bose, D.**, Basu, A.N. Second-neighbour interaction potential in alkali halide crystals 8-91298
- Bose, D.N.** *see* Govindacharyulu, P.A. 8-87814
- Bose, N.** Direct coincident detection of two D(2p) dissociation products from a doubly excited state of D₂ 8-50605
- Bose, S.**, Bragg, R.H. Small-angle X-ray scattering from oriented ellipsoidal voids in pyrolytic graphite 8-64429
- Bose, S.**, Dahmen, U., Bragg, R.H., Thomas, G. Lattice image of LMSC glassy carbon 8-63675
- Bose, S.K.** Some useful identities in normal ordering 8-86059
- Bose, S.K.**, Grabke, H.J. Diffusion coefficient of carbon in Fe-Ni austenite in the temperature range 950-1100°C 8-51747
- Bose, S.M.** Renormalised theory of soft-X-ray spectra of metals 8-52595
- Bose, T.K.** *see* Chapados, C. 8-86857
- Bose, T.K.** *see* St.-Arnaud, J.M. 8-55253
- Bose, T.K.** *see* Sharma, B. 8-61300
- Bosetti, P.** *see* Burnett, T.H. 8-89853
- Bosetti, P.C.**, Deden, H., Deutschmann, M., Fritze, P., Grassler, H., Hasert, F.J., Morfin, J., Schulte, R., Schultze, K., Seyfert, H., Bockmann, K., Emsen, H., Geich-Gimbel, C., Hartmann, R., Keller, A., Kokott, T.P., Meincke, W., Nellen, B., Pech, R., Cundy, D.C., Figiel, J., Grant, A., Haidt, D., Hulth, P.O., Jones, G.T., Klein, H., Koche, D.J., Morrison, D.R.O., Pagiola, E., Pape, L., Peyrou, C., Peterson, V., Porth, P., Schmid, P., Scott, W.G., Wachsmuth, H., Wernhard, K.L., Banerjee, S., Barnham, K.W.J., Beuselinck, R., Butterworth, I., Clayton, E.F., Miller, D.B., Powell, K.J., Davis, C.L., Grossmann, P., McGow, R., Mulvey, J.H., Myatt, G., Perkins, D.H., Pons, R., Radojicic, D., Renton, P., Saitta, B., Stenger, V., Baruzzi, V., Bloch, M., de Beer, M., Hart, W., Sacquin, Y., Tallini, B., Vignaud, D. Cross sections for neutrino and antineutrino neutral current interactions 8-70357
- Bosevski, T.** The single-dimensional, time dependent exchange of heat between a water-course and the atmosphere 8-57221
- Bosher, S.K.**, Warren, R.L. Very low calcium content of cochlear endolymph, an extracellular fluid 8-61203
- Boshnyak, B.M.** Field aberrations of meridional points of an object in systems with uncentered surfaces 8-82923
- Boshnyak, B.M.**, Korolev, A.N. Synthesis of astigmatism-free condensers consisting of spherical mirrors 8-50887
- Bosi, G.** Fringing field of cylindrical analyzers 8-94165
- Bosi, L.**, Longoni, A., Nimis, M. Lifetime of color centers in NaBr 8-92115
- Bosi, P.**, Dupre, F., Menzinger, F., Sacchetti, F., Spinelli, M.C. Resonant modes in Pd_{0.84}Pt_{0.16} alloy, comparison with CPA predictions 8-75757
- Bosi, P.**, Dupre, F., Menzinger, F., Sacchetti, F., Spinelli, M.C. Phonon modes in Pd-Pt and other substitutional alloys with large mass disorder 8-95122
- Bosin, M.E.** *see* Lavrentev, F.F. 8-63775
- Bosio, N.J.** *see* Landim, P.M.B. 8-61388
- Bosman, M.** *see* Budzanowski, A. 8-66289
- Bosman, M.** *see* Leleux, P. 8-70726
- Bosman, M.** *see* Pirart, C. 8-50187
- Bosnjakovic, B.** *see* Singh, J. 8-93910
- Bosqued, J.M.** *see* Anderson, K.A. 8-85799
- Bosqued, J.M.** *see* Zastenker, G.N. 8-57534
- Boss, C.B.**, Hietje, G.M. A new accurate method for the measurement of rise velocities in laminar flames 8-74064
- Boss, J.** *see* Hatami-Monazah, H. 8-77168
- Bossac, H.**, Fabian, H.-G., Löffler, H. A quantitative interpretation of the decomposition kinetics of some Al-Zn-Mg alloys 8-84766
- Bosscher, F.** *see* Verster, J.L. 8-93685
- Bosse, J.**, Kubo, K. Collective excitations in the classical one-component plasma at high densities and intermediate wave numbers 8-67314
- Bosselaar, H.** *see* Lumb, R.F. 8-95879
- Bossen, G.J.** *see* Baubillier, M. 8-93877
- Bostanjoglo, O.**, Gemund, H.P. Extraordinary viscous magnetic wall motion in a wide range of velocities 8-84465
- Bosted, P.**, Laget, J.M. Photoproduction of neutral pions near threshold from three-body targets 8-78364
- Bosted, P.** *see* Argan, P. 8-82333
- Bostel, A.** *see* Sarrau, J.-M. 8-86389
- Bostick, F.X.**, Cox, C.S., Field, E.C., Jr. Land-to-seafloor electromagnetic transmissions in the 0.1 to 15 Hz band 8-93008
- Bostick, W.H.**, Nardi, V., Prior, W. Electron beams and ≈10⁵ Amp deuteron beams by focused discharges 8-58093
- Bostock, H.**, Sherratt, R.M., Sears, T.A. Overcoming conduction failure in demyelinated nerve fibres by prolonging action potentials 8-73152
- Bostock, J.**, Cheung, W.N., MacVicar, M.L.A. The changing lattice dynamics of plastically deformed niobium 8-67793
- Bostock, J.** *see* Levinson, M. 8-92261
- Bostrem, I.G.** *see* Moskvina, A.S. 8-60279
- Bostrom, C.O.** *see* Lee, J.S. 8-88953
- Bostrom, C.O.** *see* Potemra, T.A. 8-96343
- Bostrom, R.C.** Tectonics of the tidal convective Earth. II. Pattern of sea floor spreading, deep subduction, and plate motion 8-88810
- Boswell, F.W.** *see* Orcheson, J.N. 8-84102
- Boswell, P.A.**, Howell, J.R., Huf, E.G. Experimental verification of a multicompartment Na⁺-flow model of frog skin epidermis 8-92607
- Boswell, P.G.** Crystallisation of an Mg₇₄Zn₂₆ glass 8-71681
- Boswell, P.G.** Crystallisation in a phase-separated (Ni₅Pd₅)₈₂P₁₈ amorphous alloy 8-87623
- Boswell, R.W.** Energetic ions and electromagnetic radiation in auroral regions 8-81490
- Boswirth, L.** Heat transfer with boiling and burnout phenomenon 8-58330
- Botaki, A.A.**, Salaev, A.V., Sharko, A.V. Ultrasonic structure monitoring for aluminium-alloy components 8-53082
- Botaki, A.A.**, Salaev, A.V., Sharko, A.V. Ultrasonic inspection of the heat-treatment quality of AK6 aluminium alloy 8-76681
- Botaki, A.A.** *see* Burenkov, Yu.A. 8-59850
- Botcharov, V.N.**, Kudryavtsev, A.M., Sorokin, A.F., Ulyanov, Yu.N. Measuring profiles of residual gas density and electrical potential in the plasma 8-67485
- Boteler, D.H.** The effect of induced currents in the sea on magnetic bays observed at a coastal observatory 8-65462
- Botez, D.**, Zory, P. Stable single filament laser action in constricted double heterostructure (CDH) AlGaAs diodes 8-55358
- Botezatu, E.** *see* Weissbuch, H. 8-70952
- Botgros, I.V.**, Zbigli, K.R., Stanchu, A.V., Stapanov, G.I., Chumak, G.D. The cross section Tl₂Te-Sb₂Te₃ of the system Tl-Sb-Te 8-52778
- Both, R.**, von Campenhausen, C. Sensitivity of a sensory process to short time delays: a study in pattern induced flicker colours (PIFCs) 8-96048
- Bothamley, P.E.**, Gough, N.E., Harness, J.B. Computer control of an isolated heart preparation for biomedical research 8-53603
- Botineau, J.**, Gires, F., Saissy, A., Vanneste, C., Azema, A. Fibre Raman laser emitting over very large spectral region 8-55405
- Botley, C.M.** A mystery of the zodiacal light 8-93153
- Botos, P.** *see* Walton, A.J. 8-58061
- Botros, A.Z.**, Mahmoud, S.F. The transient fields of simple radiators from the point of view of remote sensing of the ground subsurface 8-57166
- Botschwina, P.**, Srinivasan, K., Meyer, W. Ab initio stretching force constants for HCCH, FCCH and ClCCH 8-58587
- Botskor, I.**, Rudolph, H.D. The microwave spectrum of the fourth distinct rotameric form of allylamine. The N-cis lone-electron pair Gauche conformation 8-82720
- Bott, C.C.**, Kurucsev, T. Determination of transition moment directions by means of dichroic spectra in stretched polymer films. Mechanism of solute orientation 8-58742
- Bott, J.F.** Emission spectrum of the ν₃ band of SF₆ at 1780 K 8-62795
- Bott, J.F.**, Heidner, R.F., III Kinetic study of H+HF (ν=3): kinetic isotope effect and temperature dependence 8-53202
- Bottani, C.E.**, Ossi, P.M., Rossitto, F. Measurement of the low-frequency viscosity of some polycrystalline metals and alloys 8-80576
- Bottcher, C.** *see* Kim, H.J. 8-66656
- Bottcher, H.** *see* Kirk, H.G. 8-82252
- Botten, L.C.** A new formalism for transmission gratings 8-63192
- Botten, L.C.** *see* Adams, J.L. 8-59139
- Bottenheim, J.W.** *see* Calvert, J.G. 8-96257
- Botter, B.J.**, Dicker, A.I.M., Schmidt, J. Linear chain triplet excitons in 1,2,4,5-tetrachlorobenzene. An investigation using electron spin-echo and ODMR techniques 8-76357
- Botter, R.**, Jullien, J., Romain-Riviere, M., Solgadi, D., Stahl-Lariviere, H. Chemical shifts in photoelectron spectroscopy: indirect evaluation of the Coulombic contribution to ionization potentials for non-bonding electrons 8-92572
- Botter-Jensen, L.** A simple, hot N₂-gas TL reader incorporating a post-irradiation annealing facility 8-70649
- Botterill, J.S.M.**, Denloye, A.O.O. A theoretical model of heat transfer to a packed or quiescent fluidized bed 8-71391
- Botterill, J.S.M.** *see* Denloye, A.O.O. 8-63269
- Bottinger, R.** *see* Hartwig, J. 8-63760
- Botticher, W.** *see* Homann, Ch. 8-90407
- Bottiger, J.**, Jensen, P.S., Littmark, U. Depth profiles of ³He ions implanted into solids at energies between 20 and 60 keV 8-59830
- Bottiger, J.**, Williams, J.S., Jensen, P.S. On depth resolution by ³He profiling using the ³He(d,α)⁴H reaction 8-58557
- Bottiger, J.** *see* Borgesen, P. 8-83858
- Bottiger, J.** *see* Moller, W. 8-95076
- Bottiger, J.** *see* Rud, N. 8-59845
- Bottiger, J.** *see* Thompson, R. 8-58010
- Bottlinga, Y.**, Allegre, C.J. Partial melting under spreading ridges 8-65237
- Bottiroli, G.** *see* Giordano, P. 8-57144
- Bottner, H.** *see* Leute, V. 8-71857
- Bottner, R.** *see* Poppe, D. 8-62878
- Botto, D.J.**, McEnnan, J., Pratt, R.H. Analytic description of photoeffect from atomic ions 8-94219
- Bottomley, D.** *see* Watt, A. 8-77093
- Bottomley, P.A.** A technique for the measurement of tissue impedance from 1 to 100 MHz using a vector impedance meter 8-57138
- Bottomley, P.A.**, Andrew, E.R. RF magnetic field penetration, phase shift and power dissipation in biological tissue: implications for NMR imaging 8-73189
- Bottoms, W.R.**, Taylor, N.J., Schoeffel, J.A. New instrument capabilities in Auger electron microscopy 8-70227
- Botton, N.** *de* *see* de Botton, N.
- Bottoni, A.** *see* Bernardi, F. 8-82786
- Bottreau, A.M.** *see* Le Petit, J.P. 8-72459
- Bottreau, A.M.** *see* Delbos, G. 8-92018
- Botts, T.** *see* Majumdar, D. 8-58407
- Bouanich, J.B.** Matrix elements for the vibrational transitions 0→0 to 0→7 of diatomic molecules 8-90143
- Bouard, X.** *see* Xe Bouard, X.
- Bouat, J.**, Thuillier, J.C. Surface quantum transport in tellurium inversion layers 8-64088
- Boublik, T.** Progress in statistical thermodynamics applied to fluid phase 8-83703
- Boublik, T.** *see* Nezbeda, I. 8-91046
- Bouc, R.**, Geymonat, G. Linearized thermoviscoelasticity with high temperature variations and related periodic problems 8-89343
- Bouchacourt, M.**, Thevenot, F., Ruste, J. Studies on boron carbide. III. Region of existence of boron carbide phase 8-76636
- Bouchacourt, M.**, Thevenot, F., Ruste, J. Studies on boron carbide. I. Metallography and Knoop microhardness of boron carbide 8-76730
- Bouchacourt, M.** *see* Ruste, J. 8-76948
- Bouchaib, P.**, Grillo, A., Noblet, M.M. Analytical methods recently used with molecular-beam epitaxy (MBE) technique 8-72027
- Bouchareine, P.** The interferometer of Institut National de Metrologie 8-86326
- Boucher, B.** *see* Ferey, G. 8-52211
- Boucher, D.** *see* Burie, J. 8-94236
- Boucher, D.** *see* Dubrulle, A. 8-86850
- Boucher, E.A.**, Hines, P.M. Properties of aqueous salt solutions of poly(ethylene oxide): Thermodynamic quantities based on viscosity and other measurements 8-75525
- Boucher, E.A.**, Kent, H.J. Capillary phenomena. VI. Behaviour associated with the flotation and mechanical manipulation of solid spheres at fluid interfaces 8-63906
- Boucher, J.-P.** *see* Borsa, F. 8-68229
- Boucher, R.E.** *see* Hassab, J.C. 8-89303
- Boucherle, J.X.** *see* Barbara, B. 8-84395
- Boucheron, J.** *see* Bloess, D. 8-82552
- Bouchet, B.** *see* Petit, J. 8-64677
- Bouchetiere, M.**, Toffoli, P., Khodadad, P. Zn₄(P₂S₆)₃ compound 8-59791
- Bouchez, J.** *see* Ballam, J. 8-82247
- Bouchez, J.** *see* Chadwick, G.B. 8-66175
- Bouchez, J.L.** Preferred orientations of quartz <a> axes in some tectonites: kinematic inferences 8-96200
- Bouchiat, M.A.**, Pottier, L. Experimental study of a highly forbidden magnetic transition. Search for parity violation 8-82709
- Bouchriha, H.**, Ern, V., Fave, J.L., Guthmann, C., Schott, M. Applicability of the kinematic theory to singlet exciton fission in tetracene 8-87913
- Boudard, A.** *see* Couvert, P. 8-78383
- Boudard, A.** *see* Tatischeff, B. 8-82345
- Boudjada, A.**, Masse, R., Guitel, J.C. Crystal structure of monoacidic strontium hydrogen monophosphate: α-SrHPO₄; triclinic form 8-91315

- Boudreaux, D.S.** *see* Windsor, C.G. 8-87619
- Boudrie, R.L.** *see* Zeidman, B. 8-58308, 8-58309
- Boudriot, H.** *see* Pietzsch, C. 8-60560
- Bouffard, V., Pasquette, D., Roinel, Y.** Closed liquid argon circuit for irradiations at 90K 8-62214
- Bouffard, V.** *see* Abragam, A. 8-88226
- Bougard, M.** *see* Viollier, M. 8-96238
- Bougeard, D., Novak, A.** Vibrational study of squaric acid 8-92076
- Boughner, R.E.** The effect of increased carbon dioxide concentrations on stratospheric ozone 8-57250
- Boughner, S.G.** *see* Covey, H.D. 8-53549
- Boughtflower, R.A.C.** *see* Anderson, J.S. 8-96116
- Boughton, R.L., Polick, J.J., Morelli, L.** Temperature and impurity dependence of the electrical resistivity in dilute gallium-based alloys. I. b-axis crystals 8-51970
- Boughton, W.L.** Carbon recombination lines and the neutral hydrogen clouds near the Orion Nebula 8-57605
- Bougnot, G.** *see* Nguyen Van Mau, A. 8-64108
- Bougnot, J.** *see* Girault, B. 8-80467
- Bougon, R.** *see* Tantot, G. 8-83788
- Bouhade, M.** Spreading of a thin film of a vertical cylindrical liquid jet on a horizontal plane 8-59441
- Bouillie, R.** *see* Keck, D.B. 8-50924
- Bouillon, F.** *see* Laudet, A. 8-75932
- Bouix, J.** *see* Choukroun, S. 8-64476
- Bouix, M.** Movement of a body with an active flexible skin in a perfect incompressible fluid 8-59362
- Boulanger, P.** *see* Mourier, G. 8-66000
- Boulaud, D., Bricard, J., Madelaine, G.** Aerosol growth kinetics during SO₂ oxidation 8-96255
- Boulaud, D., Madelaine, G., Perrin, M.L.** Study of aerosol evolution from photooxidation of SO₂ 8-81392
- Boulesteix, C.** *see* Yangui, B. 8-63644
- Boulet, C., Robert, D., Galatry, L.** On calculation of the molecular line shape in the wings 8-90222
- Bouley, J.C., Delpech, Ph., Charil, J., Chaminant, G., Landreau, J., Noblanc, J.P.** Low-current proton-bombarded (GaAl)As double-heterostructure lasers 8-87059
- Bouligand, Y., Derrida, B., Poenaru, V., Pomeau, Y., Toulouse, G.** Distortions with double topological character: the case of cholesterics 8-79523
- Boulin, D.M.** *see* Thornber, K.K. 8-80059
- Boulion, A., Sarret, M.** Electron loss cross-section for collisions of Li in rare gas 8-86941
- Boullie, R., Le Noane, G.** On the design of optical fibre systems 8-50908
- Boulinois, J.L., Giovachini, J.-L.** The fundamental solution in the theory of eddy currents and forces for conductors in steady motion 8-62970
- Boulonne, A.** *see* Claes, F.H. 8-62255
- Boulos, M.L.** Heating of powders in the fire ball of an induction plasma 8-59607
- Boulou, M.** *see* Hurtes, Ch. 8-72165
- Boult, K.A.** *see* Morris, J.B. 8-54852
- Boulton, J.** Materials and design interaction in advanced reactors 8-78452
- Bouma, J.** *see* Zaal, G.J. 8-82674
- Bouman, M.A.** *see* Koenderink, J.J. 8-69069, 8-69070, 8-69071, 8-69072
- Boumford, C., Morrish, A.H.** Magnetic tetrahedral intrasublattice interaction in the spinel family Fe₂Cu₂₋₃Rh₃S₄ 8-52241
- Bounds, D.G., Hinchliffe, A.** The pair polarizabilities of Li⁺/Li⁺ and Cl⁻/Cl⁻ 8-70741
- Bounds, D.G., Hinchliffe, A.** The structure and stability of some charged fragments derived from methanol: an INDO MO study 8-90085
- Bounds, D.G.** *see* Barber, M. 8-82644
- Bounds, P.J., Munn, R.W.** Calculation of birefringence changes in anthracene and phenanthrene crystals 8-52468
- Bouniol, F.** *see* Capelier, C. 8-67293
- Bouraeu, G.** *see* Rush, J.J. 8-68910
- Bourdier, A., Fortin, X.** Nonlinear linearly polarized standing waves in overdense plasmas 8-87447
- Bourdillon, A.J., Khumalo, F.** The reflection spectrum of lead glass 8-88325
- Bourdy, C.** Vernier-horopter and colour 8-65007
- Bourdy, C.** Shift of the Stiles-Crawford function peak with wavelength 8-92631
- Boureau, G., Kleppa, O.J.** Thermodynamic aspects of atomic motions in palladium-hydrogen solutions 8-59913
- Boureau, G.** *see* Tetot, R. 8-85190
- Bourgain, R.** *see* Block, P. 8-81044
- Bourgault, M., Fourcade, R.** SbF₃ and (NH₂)₂CS binary study: Characterisation of (NH₂)₂CS.SbF₃ and [(NH₂)₂CS]₂SbF₃ 8-87643
- Bourgoin, J., Massarani, B., Visocekas, R.** Thermally stimulated luminescence and conductivity in boron-doped diamonds 8-88369
- Bourgoin, J.C., Corbett, J.W.** Review article. Enhanced diffusion mechanisms 8-67847
- Bourgoin, J.C.** *see* Massarani, B. 8-51994
- Bourguignon, J.-P.** On harmonic forms of curvature type 8-86124
- Bourland, J.D., Tacker, W.A., Geddes, L.A.** Strength-duration curves for trapezoidal waveforms of various tilts for transthoracic defibrillation in animals 8-57054
- Bourland, J.D., Tacker, W.A., Jr., Geddes, M.E., Chafee, V.** Comparative efficacy of damped sine wave and square wave current for transthoracic ventricular defibrillation in animals 8-57055
- Bourmin, V.Yu.** *see* Zverev, S.M. 8-85496
- Bourn, G.W.** *see* Eriksson, A.J. 8-81446
- Bournay, J., Robertson, G.N.** Hydrogen bond dynamics in solution 8-84573
- Bournay, J.** *see* Auvert, G. 8-88293
- Bourotte, J.** *see* Alibrant, P. 8-50026
- Bourrelly, C., Soffer, J., Tai Tsun Wu** Impact picture for polarization and rotation parameter in high-energy proton-proton scattering 8-70341
- Bourret, E.** Possibilities of elaboration of vitro ceramic-metal composites in Spacelab 8-92229
- Boushehri, A., Viehland, L.A., Mason, E.A.** On the extended principle of corresponding states and the pair interaction potential 8-51269
- Bousquet, C.** *see* Robert, J.L. 8-56162
- Bousquet, J.** *see* Barbry, F. 8-55054
- Bousquet, P., Pelletier, E.** Problems posed from the synthesis and realisation of multielectric spectral filters 8-74998
- Bout, P.A.** *see* Vanden Vanden Bout, P.A.
- Bouteille, M.** *see* Buchel, L.A. 8-65162
- Bouteillon, J.** *see* Boen, R. 8-64491
- Bouten, F.** *see* Vanhecke, L. 8-49645
- Bouten, M., Bouten, M.C., Van Leuven, P.** Exact treatment of Jastrow correlations in the charge form factor of ⁶Li 8-70467
- Bouten, M.** *see* Bouten, M.C. 8-58263
- Bouten, M.C., Bouten, M.** Form factors for electron scattering on ¹⁰B and ¹¹B 8-58263
- Bouten, M.C.** *see* Bouten, M. 8-70467
- Bouthen, M.** *see* Chohan, V. 8-82548
- Bouthillette, L.O.** *see* Payne, R. 8-79101
- Bouthinon, M.** *see* Monllor, C. 8-74820
- Boutier, A.** Principle and aerodynamic applications of laser velocimetry 8-63518
- Boutier, A., Fertin, G., Lefevre, J.** Laser velocimeter for wind tunnel measurements 8-71405
- Boutiller, G.D., Blackburn, M.B., Mermet, J.M., Weeks, S.J., Haraguchi, H., Winefordner, J.D., Omenetto, N.** Steady-state atomic fluorescence radiance expressions for continuum excitation 8-82680
- Boutilier, R.** *see* Beaumont, C. 8-92821
- Boutle, N.F., Dover, W.D.** Crack closure during fatigue crack growth for two thicknesses of material 8-68792
- Boutle, N.F.** *see* Hill, S.J. 8-64695
- Boutron, P., Kaufmann, A.** Metastable states in the system water-ethanol. Existence of a second hydrate; curious properties of both hydrates 8-71835
- Boutros, S., Hanna, A.A.** Dielectric properties of moist cellulose 8-76380
- Bouttes, J., Juillerat, R., Mainguy, A.-M.** Utilization of the Cactus accelerometer for measuring the Earth radiative balance 8-81530
- Bouvaist, J.** *see* Crussard, C. 8-60714
- Bouvier, P., Maeder, A.** Consistency of Weyl's geometry as a framework for gravitation 8-65843
- Bouvier, E.J., McKlveen, J.W., McDowell, W.J.** Uranium assay of phosphatic fertilizers and other phosphatic materials 8-53280
- Bouvier, E.J., McKlveen, J.W., McDowell, W.J.** Uranium assay of phosphate fertilizers and other phosphatic materials 8-82589
- Bouwman, R., van Mechelen, J.B., Holscher, A.A.** Surface cleaning by low-temperature bombardment with hydrogen particles: An AES investigation on copper and Fe-Cr-Ni steel surfaces 8-53022
- Bovenko, V.N., Polunin, V.I., Soldatchenkova, L.S.** Use of a method of acoustic emission for investigating plastic deformation and fracture of monocrystals of zinc in the presence of mercury and gallium 8-56737
- Bovet, D., Chatelain, P., Viennet, R., Weber, J.** Measurement of the depolarization factor D(θ) for the reaction ²H(n,n)²H at 2.45 MeV 8-78358
- Bovet, E., Foroughi, F., Rossel, J.** Neutron-neutron quasifree scattering in the ²H(n,nn) reaction at E_n = 14.1 MeV 8-82337
- Bovier, C., Burggraf, C., Cousandier, R.** Electron energy losses obtained in Kikuchi pattern obtained on a (111) silicon cleavage with 40 keV incident electrons 8-87594
- Bovin, J.-O.** Blocking defects in β'-alumina observed by high resolution electron microscopy 8-55879
- Boving, E.** *see* Andersen, T. 8-50623
- Bow, C.R.** *see* McHugh, R. 8-69164
- Bowden, G.J., Martinson, P., Day, R.K.** Magnetic anisotropy and the Mossbauer effect in ¹⁶¹Dy 8-92001
- Bowden, M.J.** *see* Miller, T.J. 8-87138
- Bowen, A.J., Guza, R.T.** Edge waves and surf beat 8-73380
- Bowen, A.J.** *see* Stow, D.A.V. 8-77213
- Bowen, A.W.** The influence of crystallographic orientation on the fracture toughness of strongly textured Ti-6 Al-4 V 8-84951
- Bowen, A.W., Forsyth, P.J.E.** The effect of frequency changes on fatigue crack growth in 7178-T6 aluminum alloy 8-64693
- Bowen, E.G.** *see* Roos, C.E. 8-82580
- Bowen, L.H.** *see* Stevens, J.G. 8-84501
- Bowen, L.J., Carruthers, T.G., Brook, R.J.** Hot-pressing of Si₃N₄ with Y₂O₃ and Li₂O as additives 8-92220
- Bowen, O.N., Lawson, J.Q.** Enhancing the power output of the VA-955 UHF-TV klystron 8-66404
- Bowen, T.** Low cost connectors for single optical fibers 8-71230
- Bower, D.I.** *see* Robinson, M.E.R. 8-84583
- Bower, D.R., Heaton, K.C.** Response of an aquifer near Ottawa to tidal forcing and the Alaskan earthquake of 1964 8-73407
- Bowers, M.T.** *see* Su, T. 8-92466
- Bowers, M.T.** *see* Wren, A.G. 8-56943
- Bowers, P.F.** Southern search for OH from M supergiants 8-69792
- Bowers, P.F., Sinha, R.P.** High-sensitivity search for OH emission from Mira variables 8-89203
- Bowers, P.F.** *see* Knapp, G.R. 8-57633
- Bowers, R.C.** *see* Hunston, D.L. 8-64713
- Bowhill, S.A.** *see* Collis, R.T.H. 8-61602
- Bowhill, S.A.** *see* Hill, R.J. 8-67181
- Bowie, O.L., Freese, C.E.** Analysis of notches using conformal mapping 8-94620
- Bowie, O.L., Tracy, P.G.** On the solution of the Dugdale model 8-55590
- Bowler, S.M.** *see* Block, H. 8-68052
- Bowles, D.S., Grenney, W.J.** Steady state river quality modeling by sequential extended Kalman filters 8-81248
- Bowles, J.F.W.** Quantitative microprobe analysis of uranium minerals 8-61126
- Bowles, T.J., Holt, R.J., Jackson, H.E., Laszewski, R.M., Nathan, A.M., Specht, J.R., Starr, R.** Direct observation of elastic and inelastic photon scattering by the giant dipole resonance in ⁶⁰Ni 8-93988
- Bowley, R.M.** Motion of positive ions in normal ³He 8-51773
- Bowley, W.W., Hammond, G.L.** Controlling factors for oxygen transfer through bubbles [in oxygenators] 8-53568
- Bowley, W.W.** *see* Pryputniewicz, R.J. 8-71057
- Bowlit, C.** *see* Grey, L.J. 8-73253
- Bowman, C.D., Schrack, R.A.** Effects of phonon transfer on near-thermal neutron fission cross sections 8-50221
- Bowman, C.D., Schroder, I.G., Duvall, K.C., Dick, C.E.** Subthreshold photofission of ²³⁵U and ²³²Th 8-66323
- Bowman, G.G.** A relationship between polar magnetic substorms, ionospheric height rises and the occurrence of spread F 8-81494
- Bowman, H., Wollenberg, H., Asaro, F., Apps, J.** Nuclear techniques in geochemical studies of hydrothermal systems 8-85746
- Bowman, H.F.** *see* Balasubramanian, T.A. 8-57098
- Bowman, H.F.** *see* Ray, A. 8-78437
- Bowman, H.R.** *see* Stross, F.H. 8-70244
- Bowman, J.D., Cheng, T.P., Ling-Fong Li, Matis, H.S.** New upper limit for μ→eγ 8-78156
- Bowman, J.M., Ki Tung Lee** Sudden approximation calculations of reactive scattering: the H+H₂ reaction 8-68878
- Bowman, J.M., Leasure, S.** Deactivation pathways in collisions of Kr with CO₂(001) 8-58787
- Bowman, J.M., Leasure, S.C.** An improved quasiclassical histogram method 8-66617
- Bowman, J.M.** *see* Leasure, S. 8-57806
- Bowman, M.K., Norris, J.R., Thurnauer, M.C., Warden, J., Dikanov, S.A., Tsvetkov, Yu.D.** Electron spin echo envelope modulation of trapped radicals in disordered systems: nitrogen modulation from isotopically substituted chlorophyll-a cations 8-61141
- Bowman, N.J., Lewis, E.L.** Collision broadening and shifts in the spectra of neutral and singly ionised calcium 8-58624
- Bowman, R.C., Jr., Attalla, A., Maeland, A.J.** Proton magnetic resonance studies of TiCuH 8-91978
- Bowsher, J.M.** *see* Pratt, R.L. 8-83184
- Bowyer, S.** *see* Cash, W. 8-93228
- Bowyer, S.** *see* Charles, P. 8-54088
- Bowyer, S.** *see* Margon, B. 8-93252

- Bowyer, S. *see* Paresce, F. 8-93232
 Bowyer, S. *see* Schnopper, H.W. 8-65691
 Bowyer, S. *see* Stern, R. 8-81665
 Bowyer, S. *see* Thorstensen, J.R. 8-93218
 Bowyer, S. *see* Walter, F. 8-81659
 Box, H.C., Budzinski, E.E., Freund, H.G. Electron trapping in irradiated single crystals of organic compounds 8-88646
 Box, H.C., Budzinski, E.E., Potienko, G. Characterization of alkoxy free radicals 8-95938
 Box, H.C. *see* Budzinski, E.E. 8-73067
 Box, H.C. *see* Ching-Lung Ko 8-76883
 Box, M.A., McKellar, B.H.J. Analytic inversion of multispectral extinction data in the anomalous diffraction approximation 8-87016
 Box, M.A. *see* Deepak, A. 8-77321, 8-94367
 Boxho, P. *see* Bizouard, H. 8-74111
 Boxho, P. *see* Jeanrot, P. 8-78045
 Boxman, R.L., Harris, J.H., Bless, A. Time dependence of anode spot formation threshold current in vacuum arcs 8-87515
 Boxman, R.L., Shlien, D.J. Interferometric technique for measuring the refractive index variation of a liquid with temperature 8-74050
 Boxman, R.L., Shlien, D.J. Interferometric measurement technique for the temperature field of axisymmetric buoyant phenomena 8-89529
 Boxman, R.L., Sloan, M.L. Scanning technique for obtaining linear fringe shift readout from a high resolution interferometer 8-89530
 Boya, L.J., Carinena, J.F., Mateos, J. Homotopy and solitons 8-78062
 Boyan, G.S. Coding of directional information by a descending interneuron in the auditory system of the cricket 8-77066
 Boyarchuk, M.E., Kipper, M.A., Khyanni, L.F. Analysis of the atmospheres of semiregular variable stars 8-65623
 Boyarkin, O.M. Electrodynamics of charged vector mesons 8-66057
 Boyarkin, O.M. Bremsstrahlung of vector mesons induced by nuclei 8-78424
 Boyarskaya, Yu.S., Zhitari, R.P., Kuz'min, A.N. Periodicity of process of accumulation of radiation defects in NaCl crystals 8-51538
 Boyarskii, A.M. *see* Heile, F.B. 8-74238
 Boyarski, A.M. *see* Himel, T. 8-78157
 Boyarski, A.M. *see* Jaros, J.A. 8-50042
 Boyarski, A.M. *see* Peruzzi, I. 8-74252
 Boyarski, A.M. *see* Tannenbaum, W. 8-66113
 Boyarskii, K.K. *see* Alipieva, E.A. 8-70795
 Boyce, B.M. GUERAP II—a computer program for the analysis of the stray radiation rejection capabilities of optical systems 8-59115
 Boyce, J.B. *see* Hayes, T.M. 8-79797
 Boyd, C.E. *see* Krawczonek, W.M. 8-54937
 Boyd, C.N. *see* Rogers, W.J. 8-81024
 Boyd, D.C., Lawrence, P.D., Bratty, P.J.A. On modelling the single motor unit action potential 8-53386
 Boyd, D.P., Margulis, A.R., Korobkin, M. Comparison of translate-rotate and pure rotary computed tomography (CT) body scanners 8-69211
 Boyd, J.D., Pickwick, K.M. The ductile fracture mechanism in rare-earth-treated HSLA steels 8-64658
 Boyd, J.D. *see* White, D.W.G. 8-60739
 Boyd, J.N. Transformation of coordinates from physical considerations 8-61999
 Boyd, J.P. A Chebyshev polynomial method for computing analytic solutions to eigenvalue problems with application to the anharmonic oscillator 8-62058
 Boyd, J.R. *see* Chu, T.L. 8-56220
 Boyd, J.T., Anderson, D.B. Effect of waveguide optical scattering on the integrated optical spectrum analyzer dynamic range 8-59163
 Boyd, R.E., Sorby, P.J., Hetherington, E.L.R., Murray, I.P.C. The application of radionuclides in medicine 8-61241
 Boyd, R.J. The radial density function and expectation values for ions 8-62718
 Boyd, R.K. Some common oversimplifications in teaching chemical kinetics 8-69928
 Boyd, R.K., Fyfe, C.A. Comment on 'An error in the calculation of the rotational barrier in molecular crystals 8-75601
 Boyd, R.K. *see* Sanford, W.E. 8-76335
 Boyd, R.N. *see* Burke, D.G. 8-89780
 Boyd, R.N. *see* Vold, P.B. 8-74374
 Boyd, R.W. The wavelength dependence of seeing 8-92979
 Boyd, R.W., Owen, J.F., Teegarden, K.J. Laser action of M centers in lithium fluoride 8-82972
 Boyd, T.J.M., Turner, J.G. Three- and four-wave interactions in plasmas 8-63556
 Boyd, T.J.M. *see* Moshkun, I. 8-87136
 Boye, H., Ronne, M. Low cost internegatives from electron micrographs of metal shadowed objects 8-74109
 Boyenkova, N.M. Nighttime seasonal electron density anomaly in the F-region 8-69566
 Boyer, C.P., Kalnins, E.G., Miller, W., Jr. Separable coordinates at four-dimensional Riemannian spaces 8-57826
 Boyer, D., Limousin, Y., Baldy, A., Maire, J.C. ESCA study of the migration of heavy metals in gallium arsenide 8-75885
 Boyer, D. *see* Pham Van Ngoc 8-69285
 Boyer, D.G. *see* Chang, M. 8-61471
 Boyer, D.G. *see* Mingteh Chang 8-73544
 Boyer, G.R., Lamouroux, B., Prade, B.S. Atmospheric birefringence under wind speed gradient shear 8-69453
 Boyer, K. *see* Gibson, R.B. 8-63130
 Boyer, L.L. *see* Klein, B.M. 8-91613
 Boyer, L.L. *see* Nagel, D.J. 8-91610
 Boyer, P. *see* Vulliet, P. 8-52380
 Boyer, R. Molecular spectroscopy in sunspots. Criteria for choice of the TiO molecule, selection of lines and rotational temperatures 8-96451
 Boyer, R., Sotirovski, P., Harvey, J.W. Table of solar diatomic molecular lines. III. Spectral range: 7100-7600 Å 8-77495
 Boyer, R.F. *see* Miller, R.J. 8-70989, 8-86984
 Boyer, S.M., Moulson, A.J. A mechanism for the nitridation of Fe-contaminated silicon 8-80496
 Boyer, T.H. Electrostatic potential energy leading to an inertial mass change for a system of two point charges 8-54116
 Boyko, E.R. *see* Nassiff, P.J. 8-89281
 Boyle, C.P. Concepts and effects of space exploration 8-81792
 Boyle, F.P., Taylor, P.L., Hopfinger, A.J. Theory of melting in simple polymers. II. Contribution from phonon anharmonicity 8-67659
 Boyle, I.T. *see* Fogelman, I. 8-73204, 8-73208
 Boyle, J.F., Jones, K.A. The effects of CO, water vapor and surface temperature on the conductivity of a SnO₂ gas sensor 8-76067
 Boyle, J.W. *see* Gentry, R.V. 8-81157
 Boyle, M. *see* Coleman, L.W. 8-51362
 Boyle, M.J., Ahlstrom, H.G. Imaging characteristics of an axisymmetric, grazing incidence X-ray microscope designed for laser fusion research 8-75422
 Boyle, M.J. *see* Shay, H.D. 8-91132
 Boyle, M.J. *see* Storm, E.K. 8-58312, 8-74471
 Boyle, P.R. *see* Stephens, P.J. 8-53430
 Boynton, R.M. *see* Tansley, B.W. 8-69091
 Boynton, W.V. *see* Kallemeijn, G.W. 8-96443
 Boys, J.T., Mason, J.L., Hodgson, R.M. Improved continuous wave frequency modulated sonars with aural displays 8-87221
 Boys, J.T. *see* Mason, J.L. 8-61230
 Boysen, H., Hewat, A.W. A neutron powder investigation of the structural changes in K₂SnCl₆ 8-55940
 Bozdech, G. *see* Ernst, N. 8-82852, 8-82853
 Bozek, E. *see* Haas, B. 8-54675
 Bozhenko, K.V. Calculation of the electronic structures of compounds of the elements of groups II-IV by Roothaan's method. II. Wavefunctions, populations, and orbital energies of radicals MX 8-86773
 Bozhenko, K.V., Charkin, O.P. The molecular model of the valence states of atoms. I. Promotion of atoms in the excitation of the electronic states of diatomic molecules from the results of ab initio calculations 8-86772
 Bozinis, D.G. *see* Villaverde, A.B. 8-68486
 Bozler, C.O. *see* Leonberger, F.J. 8-79143
 Bozler, C.O. *see* Stoeliga, J.H.M. 8-87996
 Bozler, H.M., Bartolac, T., Luey, K. Magnetic susceptibility of ³He in Grafoil at ultralow temperatures 8-79843
 Bozoky, L. Radiation protection in nuclear power stations 8-74508
 Bozorgmanesh, H. *see* Reynolds, G.M. 8-85743
 Bozrikov, P.V., Tsaregorodtsev, L.I. Radiation of an electron in the quantised field of a non-monochromatic electromagnetic wave 8-82132
 Bozzoli, W., Giacomelli, G., Rimondi, F., Busiere, A., Lesquoy, E., Meunier, R., Moscoso, L., Muller, A., Zylberajch, S. Production of π^+ , K^+ , p and \bar{p} by 200 GeV/c protons 8-93995
 Braak, H.P. van de *see* van de Braak, H.P.
 Braasch, U. Functional fault detection for adjustable electric thermometers 8-81972
 Braatz, P.O. *see* Grinberg, J. 8-79141
 Brabers, V.A.M., Hirsch, A.A., van der Vleuten, W.C., van Doremalen, P. Magnetostriktion of magnesium ferrites 8-95503
 Brabie, V. Some considerations on the interaction of the air bubbles with molten steels. I 8-84739
 Brabie, V. Some considerations on the interaction of the air bubbles with molten steel. II 8-88438
 Brable, J. The law of metastability 8-79199
 Brable, J. Metastable description of sets of charged droplets 8-86231
 Brabson, B. *see* Alam, M.S. 8-66167
 Brabston, D.C., Taber, J.E. Design of pipelined systems for LANDSAT image processing 8-96329
 Bracale, M., Castellucci, R., Castaldi, R. The EMG signal used as a volitional information source for controlling the FES stimulator 8-57128
 Braccini, C., Gambardella, G., Marino, G., Tagliasco, V. Signal processing for image enhancement in ultrasonic ophthalmology 8-57045
 Bracco, G. *see* Pinelli, T. 8-50431
 Bracconi, P. *see* Berthod, L. 8-80739
 Brace, L.H., Theis, R.F. An empirical model of the interrelationship of electron temperature and density in the daytime thermosphere at solar minimum 8-61638
 Brace, L.H. *see* Anger, C.D. 8-88965
 Brace, L.H. *see* Foster, J.C. 8-57391
 Brace, L.H. *see* Hoegy, W.R. 8-61649
 Brace, L.H. *see* Kayser, S.E. 8-88995
 Brace, L.H. *see* Potemra, T.A. 8-96341
 Bracewell, R.N. Detecting nonsolar planets by spinning infrared interferometer 8-85977
 Brachet, D. *see* Brossard, S. 8-72899
 Brachkovskaya, N.B., Lunter, S.G., Przhnevskii, A.K., Raaben, E.L., Tolstoi, M.N. Effect of the number of 4f electrons on the intensities of optical transitions in the spectra of glasslike metaphosphates of rare-earth elements and activated silicate glasses 8-84602
 Brachova-Rezacova, V., Klagge, S. Electron energy distribution function in the cooled nitrogen discharge plasma 8-63633
 Brachovskaya, N.B. *see* Ageeva, L.E. 8-71107
 Brack, M. *see* Durand, M. 8-65872
 Bracke, E. *see* Louwrier, P.W.F. 8-64862
 Bracken, A.J. *see* Bass, L. 8-89331
 Bradaczek, H., Luger, P. A fast-converging refinement of one-dimensional convolution square roots 8-91189
 Bradbury, J. *see* Rosen, I. 8-53506
 Bradbury, J.N. *see* Allred, J.C. 8-73219
 Bradbury, J.N. *see* Amols, H.I. 8-53508
 Bradbury, M.H., Matzke, H. Self-diffusion of plutonium in uranium-plutonium mononitride 8-82461
 Bradbury, M.H., Matzke, H. Self-diffusion of plutonium in uranium-plutonium mononitride 8-78457
 Bradbury, M.H. *see* Matsui, H. 8-50259
 Bradbury, M.H. *see* Matzke, H. 8-82457
 Bradford, C.M. *see* Murray, D.G. 8-81287
 Bradford, R.S., Jr., Lacina, W.B., Ault, E.R., Bhaumik, M.L. KrF small signal gain measurement and kinetic modeling 8-63077
 Bradley, A. Photon and hadron interactions of radially excited states 8-82170
 Bradley, A. A simple correction to leptonic width estimates 8-89707
 Bradley, A. The spectra and decays of radial excitations in a dynamical quark model 8-93840
 Bradley, D. *see* Ali, M. 8-79464
 Bradley, D.J. *see* Adams, M.C. 8-78019
 Bradley, D.J. *see* Leitnaker, J.M. 8-52816
 Bradley, E.B., Stencel, J.M. Infrared spectra of some nonreduced methanation catalysts 8-88288
 Bradley, E.B. *see* Stencel, J.M. 8-81991
 Bradley, E.L. *see* Van Loon, P. 8-65072
 Bradley, J.B., Tabatznik, B. A new computer system for processing of Holter recordings [ECG] 8-81015
 Bradley, J.C. *see* Betts, G.E. 8-83114
 Bradley, J.N., Metcalfe, E. The structure of electron cyclotron resonance absorption signals in gases 8-51278
 Bradley, J.R. *see* Shiflet, G.J. 8-84763
 Bradley, L.P., Gagnon, W.L., Carder, B.M. Fast optical shutters for Nova, a high power fusion laser 8-66854
 Bradley, R.J. *see* Urry, D.W. 8-77009
 Bradley, R.S. *see* England, J. 8-81236
 Bradley, W.L. *see* Whipple, T.A. 8-53036
 Bradley, W.P., Alderson, P.O., Eckelman, W.C., Hamilton, R.G., Weiss, J.F. Decreased tumor uptake of gallium-67 in animals after whole-body irradiation 8-65081
 Bradner, H., Howard, R.S. Attenuation of surface-generated noise received deep in the ocean. II 8-90573
 Bradsell, R.H., Harries, J.E. On input diffraction effects in infrared optical systems and the use of spatial apodization 8-79113
 Bradshaw, A.M. *see* Hofmann, P. 8-56042
 Bradshaw, A.M. *see* Horn, K. 8-56570, 8-72685
 Bradshaw, A.M. *see* Korn, K. 8-92174
 Bradshaw, A.M. *see* Unwin, R. 8-88403
 Bradshaw, J.A. Magnetic field on the baseball coil 8-59647
 Bradshaw, P. *see* de Brederode, V. 8-79311
 Bradshaw, P. (editor) Turbulence, 2nd corrected and updated edition 8-90839
 Bradshaw, W.G., Vidoz, A.E. Fiber-matrix interactions in unidirectional carbon-carbon composites 8-84725
 Bradt, H. *see* Gursky, H. 8-93459
 Bradt, H. *see* Johnston, M. 8-93467
 Bradt, H. *see* Maraschi, L. 8-54092
 Bradt, H. *see* Schwartz, D.A. 8-96570

- Bradt, H.V.** see Apparao, K.M.V. 8-61940
Bradt, H.V. see Dower, R.G. 8-61938
Bradt, H.V. see Jernigan, J.G. 8-54094
Bradt, R.C. see Abdel-Latif, A.I.A. 8-68824
Bradt, R.C. see Chandan, H.C. 8-80631
Brady, D. see Sambrook, J. 8-93680
Brady, F.P. see Fitzgerald, D.H. 8-62424
Brady, F.P. see Romero, J.L. 8-50148
Brady, K. see Nutt, W.L. 8-50633
Brady, L.E. see Parsons, W.F. 8-92439
Brady, P.J. Optimal sampling and analysis using two variables and modeled cross-covariance functions 8-73530
Brady, S.A., Darwin, C.J. Range effect in the perception of voicing 8-65044
Brady, T.J., Phillips, L.F. Spin-orbit relaxation of $Pb(P_1^2)$ by atomic hydrogen 8-82681
Braestrup, M.W., Nielsen, M.P., Bach, F. Plastic analysis of shear in concrete 8-83270
Braganza, C.M., Erents, S.K., Hotston, E.S., McCracken, G.M. Ion-induced release of deuterium trapped in stainless steel 8-95095
Braganza, C.M., Erents, S.K., McCracken, G.M. Interactions of 5-30 keV deuterons with a carbon surface 8-79645
Braganza, C.M., Erents, S.K., McCracken, G.M. Energy dependence of methane production during deuterium bombardment of pyrolytic carbon 8-95939
Bragdon, C.R. Environmental noise control programs in the United States 8-59201
Brager, H.R., Garner, F.A. Swelling as a consequence of gamma prime (γ') and $M_{23}(C, Si)_6$ formation in neutron irradiated 316 stainless steel 8-51590
Bragg, R.H. see Bose, S. 8-63675, 8-64429
Bragg, R.H. see Justi, S. 8-64531
Bragg, R.H. see Saxena, R.R. 8-60141
Braggins, T.T. see Thomas, R.N. 8-67727
Braghetti, M. see Poeti, G. 8-59745
Bragin, Yu.A. The importance of the 'ion cycle' in the process of the destruction of atmospheric ozone 8-53697
Bragina, G.W. see Saitsev, A.A. 8-67523
Bragina, O.N. see Lel'chuk, V.L. 8-82415
Bragina, T.M., Lel'chuk, Yu.S., Pokrovskii, Ya.E., Svistunova, K.I., Shreter, Y.G. Electron-hole drop radiation in the far infrared range of the spectrum 8-72600
Braginskaya, A.G. see Filipchenko, A.S. 8-88335
Braginski, A.I., Daniel, M.R., Roland, G.W., Woollam, J.A. Superconducting Nb_3Ge for high-field magnets 8-95698
Braginski, A.I., Roland, G.W., Daniel, M.R., Santhanam, A.T., Guardipee, K.W. Impurity doping of chemical-vapor-deposited Nb_3Ge and its effect on critical-current density 8-52174
Braginski, A.I. see Gavalier, J.R. 8-88054
Braginskii, V.B., Panov, V.I., Frontov, V.N. Precision balance with radio-engineering displacement-sensing unit 8-77866
Braginskiy, S.I. see Anufriyev, A.P. 8-73333
Braginsky, S.I. see Burlatskaya, S.P. 8-73305
Brah, A.S., Virdhee, L., Dobson, P.J., March, N.H., Unvala, B.A. An electron diffraction study of liquid metals 8-83721
Braham, D.B. Pair function for the rectangular Ising ferromagnet 8-70063
Brahde, R. The next generation of telescopes. I. The rotating shoe 8-69683
Brahde, R. The next generation of telescopes. II. The steerable dish 8-85846
Brahmavar, S.M. see Lis, G.A. 8-73214
Brahme, A. Restricted energy absorption coefficients for use in dosimetry 8-80971
Brahme, A., Svensson, H. Depth absorbed dose distributions for electrons 8-73256
Brahmer-Kacprzynska, A., Zielke, W. Inverse problem for a system of hyperbolic equations of magnetoionic plasma 8-75354
Braicovich, L. see Abbati, I. 8-76585, 8-92159
Braicovich, L. see Cerrina, F. 8-56569
Braid, P. see Garlick, G.F.J. 8-50852
Braida, L.D. see Berliner, J.E. 8-88719
Brailovskaya, V.A., Petrazhitskii, G.B. Laminar heat convection of a liquid in an annular region with a given heat flux 8-83392
Brailovskaya, V.A., Petrazhitskii, G.B., Polezhaev, V.I. Natural thermoconvective filtration in circular porous interlayers 8-94817
Brailovskii, A.I. see Petrov, G.N. 8-70116
Brailsford, A.D., Matthews, J.R., Bullough, R. The effect of recombination on sink strengths in the rate theory of void swelling 8-87712
Brain, S.W. see Arthur, R.G. 8-62520
Brain, T.J.S. Reference standards for gas flow measurement 8-94864
Brainard, W.A. see Wheeler, D.R. 8-51839
Braine, M.R. Scanning beams for tropospheric scatter radio links 8-81276
Brainin, M.I. Determining pressure loss in laminar flow of a viscous conducting fluid in an induction MHD-pump channel 8-75224
Braithwaite, M., Leone, S.R. Laser-initiated chemical reactions: $Cl + H_2S \rightarrow HCl + HS$: rate constant, product energy distribution, and direct detection of a chain mechanism 8-85144
Braithwaite, W.J. see Fortune, H.T. 8-78352
Braizaz, M. see Poncet, P. 8-64850
Brajakovic, A. see Blasi, A. 8-85554
Brajnik, C. see Vedlin, B. 8-63138
Brajnik, C. see Zakelj, J. 8-63137
Brake, E. see van Brake, E.
Brakel, J. see van Brakel, J.
Brakenridge, G.R. Evidence for a cold, dry full-glacial climate on the American Southwest 8-57296
Brakensiek, D.L., Onstad, C.A. Parameter estimation of the Green and Ampt infiltration equation 8-61473
Brako, R. Optical properties of composite media 8-84546
Bralic, N.E. Photoproduction of heavy vector mesons: the $Y(9.4)$ 8-78195
Braman, R.S., Ammons, J.M., Bricker, J.L. Pre-concentration and determination of hydrogen sulfide in air by flame photometric detection 8-92535
Bramanti, D. Transverse contractions of moving bodies 8-69980
Bramanti, M. see Bedini, L. 8-85352
Bramati, L. see Antonucci, L. 8-55052
Brambilla, R. A numerical model for the radial expansion of high current leader channels 8-87543
Brambley, D.R. see Jones, G.A. 8-84464
Braml, T. see Hinterberger, F. 8-62553
Bramm, G. see Novak, P. 8-92721
Bramwell, F.B., Zadjura, R.E., Paley, C., Fahrenholtz, S.R. A positive photoresist. The photochemical Wolff rearrangement [teaching] 8-89284
Brana, J., Ljolje, K. Canonical formalism for the Dirac field 8-49989
Branch, D., Bettis, C. The Hubble diagram for supernovae 8-53967
Branch, D. see Dwivedi, P.H. 8-74701
Branco, G.C. Discrete symmetries, Cabibbo universality and flavor mixing angles 8-62346
Brand, G.F. see Walsh, C.J. 8-75436
Brand, H.A. see Reynolds, W.D. 8-53586
Brand, K.P., Kopainsky, J. Particle densities in a decaying SF_6 plasma 8-75442
Brand, M.v.d. see v.d. Brand, M.
Brand, P.W.J.L., Mathis, J.S. The properties of weak shocks in H II regions 8-93348
Brand, R.A. see Crowninshield, R.D. 8-69130
Brandalise, B., Cottone, G., Ciccio, A., Gerin, F., Koch, L. Automatic evaluation of isotope analysis of nuclear fuels including isotope dilution, mass spectrometry, alpha spectrometry and isotope correlation technique with an appropriate databank 8-55120
Brandao d'Oliveira, A. see Freitas de Carvalho, H. 8-82182
Brandelik, J.E., Schuebel, W.K., Paulson, R.F. HF and DF laser action by a pulsed microwave discharge 8-58998
Brandelik, J.E. see Barry, J.D. 8-63055
Brandelik, J.E. see Handy, K.G. 8-74879
Brandelik, R., Braunschweig, W., Martyn, H.-U., Sander, H.G., Schmitz, D., Sturm, W., Wallraff, W., Cords, D., Felst, R., Fries, R., Gadermann, E., Hultschig, H., Joos, P., Koch, W., Kotz, U., Krehbiel, H., Kreinick, D., Lynch, H.L., McNeely, W.A., Mikenberg, G., Moffett, K.C., Notz, D., Rusch, R., Schliwa, M., Shapira, A., Wiik, B.H., Wolf, G., Ludwig, J., Mess, K.H., Petersen, A., Poelz, G., Ringel, J., Romer, O., Sauerberg, K., Schmusser, P., de Boer, W., Buschhorn, G., Fues, W., von Gager, Ch., Grindhammer, G., Gunderson, B., Kotthaus, R., Lierl, H., Oberlack, H., Orito, S., Suda, T., Totsuka, Y., Yamada, S. Total cross section for hadron production by e^+e^- annihilation at center of mass energies between 3.6 and 5.2 GeV 8-62416
Brandenburg, G. see Cutts, D. 8-89746
Brandenburg, G.W. see Cutts, D. 8-78380
Brandenburg, N.P. see Loopstra, B.O. 8-51490
Brandenburg, R.A., McKellar, B.H.J., Morrison, I. Large parity admixture in ^{21}Ne ? 8-82278
Brandes, K. Regression of test results by consideration of restraints 8-76802
Brandestini, M. Topoflow—a digital full range Doppler velocity meter 8-88731
Brandi, H.S., Koiller, B., Lins de Barros, H.G.P., Miranda, L.C.M. Inert gas atom-molecule collisions in a laser field: vibrational excitations in homopolar molecular ions 8-86937
Brandi, H.S., Koiller, B., Lins de Barros, H.G.P., Miranda, L.C.M., Castro, J.J. Theory of electron-hydrogen-atom collisions in the presence of a laser field 8-74767
Brandi, H.S. see de Melo, L.C. 8-82628
Brandi, H.S. see De Queiroz, S.L.A. 8-63762
Brandi, H.S. see Muniz, R.B. 8-82864
Brandle, C.D. Growth of 3" diameter $Gd_3Ga_5O_{12}$ crystals 8-68616
Brandle, H., Miklos, G., Roesch, L.P., Telegdi, V.L., Truttman, P., Zehnder, A., Grenacs, L., Lebrun, P., Lehmann, J. Measurement of the alignment-positron-momentum correlation in $^{12}N \rightarrow ^{12}C(g.s.)$ by the spontaneous-level-mixing technique: improved evidence against a second class axial current 8-82317
Brandli, H.W. The night eye in the sky 8-88942
Brandmuller, J. see Rohrer, U. 8-56480
Brandolini, F., Bergmeister, F.J., Lieb, K.P., Rossi-Alvarez, C., Uhrmacher, M. Temperature dependence of the magnetic hyperfine interaction for K and Ar in Fe 8-68420
Brandolini, F., De Poli, M., Rossi-Alvarez, C., Savelli, C., Vingiani, G.B. Magnetic hyperfine field of K, Ca and Ti in iron 8-52389
Brands, H.R., van Welzenis, R.G. Stretch your sampling scope's capabilities by adding as many vertical channels as you need 8-65914
Brandt, A.B., Kiseleva, M.I. Photosynthetic efficiency of the green region of the spectrum 8-69010
Brandt, E.H. Do pinning forces derive from a potential? 8-68128
Brandt, E.S., Untereker, D.F., Reilley, C.N., Murray, R.W. A comparison of carbon contaminant buildup on conductors and insulators in X-ray photoelectron spectroscopy 8-95981
Brandt, G. see Diehl, R. 8-51483
Brandt, G.B. see Hopkins, R.H. 8-71211
Brandt, H. see Pitts, J.H. 8-61372
Brandt, J., Kosfeld, R. Dynamic testing of phenolformaldehyde moulding compounds 8-76699
Brandt, J. see Norton, P. 8-91698
Brandt, J. see Niedner, M.B., Jr. 8-93155
Brandt, K.L. see Cox, H.L., Jr. 8-73298
Brandt, N.B., Berman, I.V., Kurkin, Yu.P., Sidorenko, V.I. A method for producing quasihydrostatic pressures up to 300 kbar at 0.1 to 200K 8-49848
Brandt, N.B., Bogdanov, E.V., Minina, N.Ya. Effect of tension on the Fermi surface in antimony 8-75980
Brandt, N.B., Bogdanov, E.V., Minina, N.Ya. Effect of hydrostatic pressure on the carrier energy spectrum of antimony 8-87903
Brandt, N.B., Keptya, V.F., Kul'bachinskii, V.A., Minina, N.Ya. A device for high uniaxial compression of single crystal specimens at low temperatures 8-49809
Brandt, N.B., Keptya, V.F., Kul'bachinskii, V.A., Minina, N.Ya. Apparatus for applying a strong uniaxial compression to single-crystal samples at low temperatures 8-57973
Brandt, N.B., Kul'bachinskii, V.A., Minina, N.Ya. $2\frac{1}{2}$ -order electron phase transition in Bi under extension 8-75981
Brandt, N.B., Moshchalkov, V.V., Chudinov, S.M. Variation of connectivity of the electron isoenergetic surface of Bi under pressure 8-60050
Brandt, N.B., Sidorenko, N.A., Yakovlev, G.D. Anomalous conductance of BiSb semiconducting alloys in strong electric and longitudinal quantized magnetic fields 8-76084
Brandt, S. see Berger, Ch. 8-89725
Brandt, U. Calculation of frictional flows in straight diffusers of low divergency 8-94662
Brandt, W. Penetration phenomena with heavy projectiles 8-71779
Brandt, W. see Basbas, G. 8-62895
Brandt, W. see Ritchie, R.H. 8-79655
Brandt, W. see Yarlagadda, B.S. 8-67759
Branduardi, G., Mason, K.O., Sanford, P.W. Further Copernicus X-ray observations of 3U 1700-37 8-96568
Braner, B. see Neugebauer, H.J. 8-61387
Branham, R.L., Jr. The orbits of five minor planets and corrections to the FK4 equator and equinox 8-69727
Brankov, G., Petrov, N. A thermodynamic model of a biological body: muscle mechanics 8-80908
Brannen, D. see Fang, M.T.C. 8-87522
Brannen, E., Kucerosky, Z. Laser absorption techniques for the measurement of atmospheric water vapor concentration 8-61595
Brannon, J.H., Madge, D. Absolute quantum yield determination by thermal blooming. Fluorescein 8-72582
Branner, H. Experimental investigation of velocity disturbance features in turbulent MHD duct flows 8-94844
Brandsen, B.H., Crocker, M., McCarthy, I.E., McDowell, M.R.C. Effective exchange potentials for inelastic scattering 8-90300
Brandsen, B.H., Dewangan, D.P. Partial-wave analysis of the 2^1S and 2^3S excitation cross sections of helium by electron impact 8-90301
Brandsen, B.H., Smith, J.J., Winters, K.H. Distorted-wave approximations for the triple-differential cross section for ionisation of helium by electron impact 8-86955

- Branson, J.C.** Evolution of sedimentary basins from Mesozoic times in Australia's continental slope and shelf 8-96175
- Branston, D.W., Mentel, J.** Investigations in the current zero region of an SF_6 arc 8-71590
- Brant, S.** *see* Paar, V. 8-50082, 8-78278
- Branton, M.D., Mayeri, E., Brownell, P., Simon, S.B.** Evidence for local hormonal communication between neurones in *Aplysia* 8-69040
- Brantov, S.K.** *see* Tatarchenko, V.A. 8-52655
- Bras, G.Le** *see* Lé Bras, G.
- Brasen, D.** Evaluation of microstructures associated with hardness indentations in InP 8-80627
- Brasen, D.** *see* Eibschutz, M. 8-88116
- Brasen, D.** *see* Mahajan, S. 8-64219
- Brasen, D.** *see* Wakiyama, T. 8-80184
- Brasen, D.** *see* Winter, A.T. 8-59814
- Braslavskaya, M.V., Baranov, V.K.** Truncated 'focones' and 'foclines' 8-79091
- Brasse, F.W., Flauger, W., Gayler, J., Gerhardt, V., Goel, S.P., Gossling, C., Haidan, R., Merkwitz, M., Poeck, D., Wriedt, H.** Separation of σ_1 and σ_2 in η triproportionation at the resonance $S_{11}(1535)$ 8-78194
- Brassington, N.J., Edwards, H.G.M., Long, D.A.** Pure rotational Raman spectrum of XeF_2 8-94254
- Bratanov, T., Spehert, T.** Recent findings on the inclusion of vorticity in the numerical analysis of unsteady high Reynolds number flows 8-75151
- Bratashevskii, A.S.** *see* Zybalov, A.A. 8-78191
- Bratashevskii, Yu.A., Vasil'kov, V.M., Doroshenko, N.A., Kovalev, Yu.Yu.** Temperature and pressure dependences of the ionization energy of fluctuation levels in $InSb_{1-x}Bi_x$ solid solutions 8-72116
- Brateman, L.** *see* Morgan, T.J. 8-53507
- Braténko, V.N.** *see* Krupin, A.V. 8-52717
- Bratina, W.J.** *see* Pilliar, R.M. 8-72870
- Bratman, V.L., Ginzburg, N.S., Petelin, M.I.** Power potentiality of relativistic Compton laser 8-90405
- Bratos, S., Leicknam, J.C., Guissani, Y.** IR spectra of polyatomic molecule solutions. Asymmetric tops 8-58694
- Bratos, S.** *see* Leicknam, J.C. 8-66544
- Brattas, C., Jagner, S., Ljungstrom, E.** Sodium hexakis(isothiocyanato)vanadate(III) dodecahydrate 8-95021
- Bratteli, O., Herman, R.H., Robinson, D.W.** Perturbations of flows on Banach spaces and operator algebras 8-49630
- Bratteli, O., Kishimoto, A., Robinson, D.W.** Stability properties and the KMS condition 8-81916
- Bratteng, O., Leer, E.** Oscillating echoes from the polar E layer 8-57390
- Bratty, P.J.A.** *see* Boyd, D.C. 8-53386
- Bratukhin, V.V.** *see* Konev, D.G. 8-93655
- Bratukhin, Yu.K.** Flow of a stream of unevenly heated liquid over a gas bubble at low Marangoni numbers 8-59460
- Bratus', E.N., Shumeiko, V.S.** Nonlinearity of single-photon absorption in superconductor near threshold 8-91815
- Brau, J.** *see* Heller, M. 8-70689
- Braudaway, D.W.** A flexible system with two selectable ratios for use with Josephson voltage devices 8-93730
- Braude, S.Ya., Megn, A.V., Rashkovski, S.L., Ryabov, B.P., Sharykin, N.K., Sokolov, K.P., Tkatchenko, A.P., Zhouch, I.N.** Decametric survey of discrete sources in the northern sky. II. Source catalogue in the range of declinations $+10^\circ$ to $+20^\circ$ 8-57471
- Braude, S.Ya., Megn, A.V., Ryabov, B.P., Sharykin, N.K., Sokolov, K.P., Zhouch, I.N.** Decametric survey of discrete sources in the northern sky. IV. Spectra of 266 discrete sources in the range 10 to 1400 MHz 8-57664
- Braude, S.Ya., Megn, A.V., Ryabov, B.P., Sharykin, N.K., Zhouch, I.N.** Decametric survey of discrete sources in the northern sky. III. Low-frequency absolute flux scale of discrete radio sources 8-57663
- Braude, V.V.** *see* Shchelkunov, K.N. 8-78934
- Brauer, E., Briedis, I.P., Bukhgalter, V.I., Sul'zhenko, L.L., Fattel'son, L.A., Fidler, P.** Rheology and molecular structure of polyethylene melts. IV. Experimental study 8-63405
- Brauer, G., Boden, G.** Heat treatment of pure silica glass studied by positron annihilation 8-55812
- Brauer, G., Boden, G., Balogh, A., Andreoff, A.** Crystallinity of pure silica glass studied by positron annihilation 8-72629
- Brauer, H.** *see* Glatzel, W.D. 8-88536
- Brauer, P., Jahn, I.R.** Negative isotope effect of the phase transition II-III in $(NH_4Cs)Cl$ and $(NH_4Rb)Cl$ 8-95155
- Brault, J.W.** *see* Bergstrahl, J.T. 8-90178
- Braumandl, F.** *see* Mampe, W. 8-82566
- Braun, A., Pfisterer, H., Schmid, D.** The kinetics of the sensitized fluorescence of naphthalene single crystals doped with 2-methylnaphthalene and anthracene 8-68548
- Braun, D., Frohn, A.** Thermal conductivity of steam in a large Knudsen number range 8-94888
- Braun, D., Tormala, P., Weber, G.** Molecular interpretation of correlation between polymer glass transition T_g and an e.s.r. parameter T_{50g} 8-67817
- Braun, D.J., Jeitschko, W.** The synthesis and crystal structure of the polyphosphides $La_6Ni_6P_{17}$, $Ce_6Ni_6P_{17}$, and $Pr_6Ni_6P_{17}$ 8-75634
- Braun, E.** *see* Godoy, S.V. 8-65814
- Braun, H., Etienne, F., Fridman, A., Gerber, J.-P., Juilliot, P., Maurer, G., Michalon-Mentzer, M.-E., Voltolini, C., Eisenberg, Y., Haber, B., Hochman, D., Karshon, U., Ronat, E.E., Shapira, A., Yaari, R., Yekutieli, G.** Charge structure and correlation features in pn multiparticle final states at 195 GeV/c 8-82808
- Braun, H.** *see* Eisenberg, Y. 8-54657
- Braun, H.-E.** *see* Schindler, J.G. 8-73269
- Braun, M.** *see* Emmoth, B. 8-95624
- Braun, M.A., Evlashev, Yu.A., Vechernin, V.V.** Inelastic rescattering contribution to the cumulative production of pions in the statistical bootstrap model 8-54766
- Braun, M.A., Vechernin, V.V., Vlasnikov, A.K.** Effect of rescattering in electroproduction of cumulative pions 8-74265
- Braun, P., Grande, S., Limmer, S., Hillner, B.** Orientation of nematic phases in magnetic fields 8-59736
- Braun, P.** *see* Hoffmeyer-Zlotnik, H.-J. 8-96246
- Braun, P.** *see* Kramer, K. 8-92688
- Braun, W., Fitzer, E.** A modified structural model describing the interference-function of pyrolyzed non-graphitizing carbon 8-67681
- Braun, W., Neumann, M., Iwan, M., Koch, E.E.** Energy level shifts of CO chemisorbed and condensed on $RH(111)$ 8-87865
- Braun, W.** *see* Huie, R.E. 8-58859
- Braun-Munzinger, P., Barrette, J.** Calculation of nuclide distributions in deep inelastic scattering and the production of neutron rich nuclei 8-58297
- Braun-Munzinger, P.** *see* Barrette, J. 8-58296
- Braun-Munzinger, P.** *see* Jachcinski, C.M. 8-66310
- Braundmeier, A.J., Jr.** *see* Hall, D.G. 8-52521, 8-72099
- Braune, W., Kuka, G., Gollnest, H.-J., Herrmann, R.** Microwave spectroscopy in semimetallic bismuth-antimony alloys 8-87908
- Braune, W., Lebeck, J., Saermark, K.** Cyclotron resonance in signals transmitted through samples of bismuth and BiSb-alloys 8-56379
- Braune, W., Lebeck, J., Saermark, K.** Propagation of high-frequency electromagnetic waves in the Voigt configuration through samples of Bi at 45, 70 and 300 GHz 8-68045
- Braune, W.** *see* Jung, T. 8-84235
- Brauner, R.A.** *see* Feldman, C.L. 8-80941
- Braunig, D.** *see* Fahrner, W.R. 8-84306
- Brauninger, H.** *see* Beuermann, K.P. 8-85851
- Brauninger, H.** *see* Kramer, G. 8-77538
- Braunlich, P.F.** *see* Dickinson, J.T. 8-92179
- Braunsberger, U.** *see* Salge, J. 8-63601
- Braunschweig, D.** Reduced SU(3) CFPs 8-50097
- Braunschweig, D.** Reduced SU(3) matrix elements. II 8-89627
- Braunschweig, D., Hecht, K.T.** Microscope analysis of core deformation for nuclei in the proton-rich Xe-Nd region 8-74303
- Braunschweig, D., Hecht, K.T., Draayer, J.P.** Pseudo SU(3) approximation for α -spectroscopic factors 8-70471
- Braunschweig, W.** *see* Brandelik, R. 8-62416
- Braunsfurth, E., Rohlf, K.** A low latitude 21 CM line survey for the longitude range $20^\circ \leq \lambda \leq 42^\circ$ 8-57637
- Braunstein, M.** *see* Harrington, J.A. 8-66876, 8-90463
- Braunstein, M.** *see* Palik, E.D. 8-71161
- Braunstein, M.** *see* Pedinoff, M.E. 8-54442
- Braunstein, R.** *see* Harrington, J.A. 8-66876
- Brautti, G., Buonpensiero, A., Marangelli, B.** Measurements of graphological elements by means of the optical Fourier transform 8-50707
- Brautti, G., Clauser, T., Raino, A., Stagno, V.** The undulator Linac 8-82539
- Brautti, G., Marangelli, B., Raino, A.** Electronic compensation of an absolute differential radiometer 8-65956
- Brau, M.C.** Ten Noever de *see* Ten Noever de Brauw, M.C.
- Brawer, S.** Dynamical effects on nearly degenerate electronic levels in solids 8-68535
- Brawer, S.A., White, W.B.** Structure and crystallization behaviour of $Li_2O-Fe_2O-SiO_2$ glasses 8-83738
- Bray, A.J., Moore, M.A.** Replica-symmetry breaking in spin-glass theories 8-95449
- Bray, A.J.** *see* Moore, M.A. 8-70985
- Bray, J.W.** Magnetic field dependence of the spin-Peierls transition 8-80170
- Bray, P.J.** *see* Jellison, G.E., Jr. 8-80241, 8-94999
- Bray, R.J.** *see* Mishra, S. 8-75924
- Bray, R.G., Henke, W., Liu, S.K., Reddy, K.V., Berry, M.J.** An intracavity dye laser technique for spectroscopic and kinetic measurements of transients 8-62239
- Bray, R.J., Loughhead, R.E.** A convective correction to measured solar wavelengths 8-93181
- Bray, R.J.** *see* Loughhead, R.E. 8-53839
- Brayer, J.M.** High-level computer processing of LANDSAT data 8-69546
- Brazel, A.J.** *see* Idso, S.B. 8-85678
- Brazhnik, L.G.** *see* Zhbakov, R.G. 8-62782
- Brazovsky, S.A.** *see* Bak, P. 8-72138
- Breakiron, L.A.** *see* Kipp, S.L. 8-69779
- Breare, J.M., Campbell, A.W., Doe, P.J., Hedge, A.R., Humrich, A., Nandi, B.C.** A γ -ray shower detector employing low pressure flash tubes 8-70697
- Breare, J.M., Doe, P.J., Nandi, B.C.** Effect of induced clearing field on the performance of flash tubes 8-50438
- Breare, J.M., Doe, P.J., Nandi, B.C.** Decay of clearing fields inside neon flash tubes 8-94166
- Breare, J.M.** *see* Al-Dargazelli, S.S. 8-82575
- Breare, J.M.** *see* Ariyaratne, T.R. 8-70694
- Breault, R.P.** Problems and techniques in stray radiation suppression 8-59113
- Breault, R.P.** *see* Lange, S.R. 8-59116
- Breault, R.P.** *see* Wilkinson, E.L. 8-59118
- Breazeale, M.A., Bjorno, L.** Forward- and backward-displacement of ultrasonic waves reflected from a water-sediment interface 8-60017
- Breazeale, M.A.** *see* Cantrell, J.H., Jr. 8-83735
- Brebbia, C., Dominguez, J.** Boundary element methods versus finite elements 8-73860
- Brebbia, C.A., Butterfield, R.** Formal equivalence of direct and indirect boundary element methods 8-81814
- Brebbia, C.A., Walker, S.** Simplified boundary elements for radiation problems 8-86226
- Brebbia, C.A., Wrobel, L.C.** Applications of boundary elements in fluid flow 8-90821
- Brebbia, C.A.** *see* Lau, P.C.M. 8-77711
- Brebbia, C.A. (editor)** Proceedings of the 1st International Conference on Applied Numerical Modelling 8-77285
- Brebbia, C.A., Gray, W.G., Pinder, G.F. (editor)** Finite Elements in Water Resources 8-92867
- Brebrick, R.F.** Miscibility gap and critical point behavior for a cubic margules solution model 8-59925
- Brebrick, R.F.** Analysis of the solidus lines for PbTe and SnTe 8-75806
- Brecher, A., Albright, L.** The thermoremanence hypothesis and the origin of magnetization in iron meteorites 8-65564
- Brecher, A., Stein, J., Fuhrman, M.** The magnetic effects of brecciation and shock in meteorites. I. The LL-chondrites 8-65565
- Brecher, K., Lieber, E., Lieber, A.E.** A Near-Eastern sighting of the supernova explosion of 1054 8-62028
- Brecher, K.** *see* Wasserman, I. 8-93556
- Brechignac, C., Vetter, R., Berman, P.R.** Study of velocity-changing collisions in excited Kr using saturation spectroscopy 8-62892
- Brechignac, C., Vetter, R., Berman, P.R.** Persistence of velocity following elastic collisions 8-78779
- Brechignac, P.** Transfer of rotational population in CO by IR laser double resonance 8-50566
- Brechtel, C.E.** *see* Abou-Sayed, A.S. 8-81435
- Brecke, F.H.** *see* Gerlach, V.S. 8-49578
- Breckenridge, F.R.** *see* Greenspan, M. 8-59230
- Breckinridge, J.B.** A white-light amplitude interferometer with 180-degree rotational shear 8-77977
- Breckinridge, J.B.** *see* Burke, J.J. 8-69450
- Breque, J.J.** *see* La Breque, J.J.
- Breda, I.G.** *see* van see van Breda, I.G.
- Brede, H.-J.** *see* Leung, M.K. 8-58512
- Brederode, V.de** *see* de Brederode, V.
- Bredl, C.D., Steglich, F.** Specific heat of $CeAl_2$ in high magnetic fields. [Kondo system] 8-52284
- Bredl, C.D., Steglich, F., Schotte, K.D.** Specific heat of concentrated Kondo systems: $(La,Ce)Al_2$ and $CeAl_2$ 8-52210
- Bree, A., Edelson, M.** Further evidence for phase transitions in biphenyl near 40K and 16K 8-51663
- Bree, A., Edelson, M.** Calculation of the exciton band structure of the lowest energy singlet state of fluorene 8-63983

- Bree, A.,** Edelson, M., Taliani, C. A computer-controlled two-photon spectrometer 8-58064
- Bree, A.,** Edelson, M., Taliani, C. The two-photon excitation spectrum of fluorene near 6K 8-64393
- Bree, A.,** Edelson, M., Taliani, C. On the excitation band structure of fluorene crystal by means of the TPE technique 8-64402
- Bree, P.** *de see de Bree, P.*
- Breed, D.J.,** van der Heijden, A.M.J., Logmans, H., Voermans, A.B. High domain-wall velocities in (Gd,Lu)₃(Fe,Mn,Al)₅O₁₂ garnet epilayers with orthorhombic anisotropy 8-52322
- Breeding, J.E., Jr.** Velocities and refraction laws of wave groups: a verification 8-85575
- Breedlove, J.R., Jr.,** Kruger, R.P., Trussell, H.J., Hunt, B.R. Image restorations constrained with a multiply-exposed picture 8-78054
- Breedlove, J.R., Jr.** *see* Wecksung, G.W. 8-69547, 8-81461
- Breedon, N.** *see* Poliakov, M. 8-74651
- Breemer, R.E.** *see* Verweij, H. 8-64519
- Breest, H.-Ch.,** Pfaffelhuber, J. Function and approval position of the experimental ASSE 8-54836
- Breev, V.V.,** Panchenko, V.P., Chernukha, V.V. Efficiency of a Faraday MHDG in a scheme with a thermonuclear reactor 8-75432
- Breev, V.V.** *see* Baranov, V.Yu. 8-50750
- Breeva, A.V.,** Merenkov, Yu.F. Conic MHD channel in the field of a single phase inductor 8-94842
- Bregeault, J.-M.** *see* Griffith, W.P. 8-62803
- Breger, M.** Reddening and polarization of young stars: intracluster or circumstellar? 8-93199
- Bregman, J.D.,** Bregman, J.N. The violet opacity of carbon stars 8-53940
- Bregman, J.D.,** Goebel, J.H., Strecker, D.W. Identification of the 3.9 micron absorption band in carbon stars 8-93231
- Bregman, J.D.** *see* Goebel, J.H. 8-65619
- Bregman, J.D.** *see* Rank, D.M. 8-96522
- Bregman, J.N.** *see* Bregman, J.D. 8-53940
- Bregman, J.N.** *see* Mathews, W.G. 8-93433
- Bregman, M.,** Calvetti, M., Carron, G., Citolin, S., Hauer, M., Herr, H., Koziol, H., Krienen, F., Kristensen, P., Lebee, G., Mohl, D., Petrucci, G., Rubbia, C., Simon, D., Stefanini, G., Thorndahl, L., van der Meer, S., Wikberg, T. Measurement of antiproton lifetime using the ICE storage ring 8-89768
- Brehat, F.** *see* Wyncke, B. 8-72503, 8-84557
- Breheret, E.F.,** Martin, M.M. Electronic relaxation of tropenoids: tropolone fluorescence 8-66588
- Brehm, J.J.** *see* Aitchison, I.J.R. 8-78114
- Breidenbach, M.** *see* Heile, F.B. 8-74238
- Breidenbach, M.** *see* Himel, T. 8-78157
- Breidenbach, M.** *see* Jaros, J.A. 8-50042
- Breidenbach, M.** *see* Peruzzi, I. 8-74252
- Breidenbach, M.** *see* Tanenbaum, W. 8-66113
- Breit, A.,** Rohde, U., Moissl, G. Computerized tomography in urological diagnosis—possibilities and limitations 8-85369
- Breitharth, F.-W.,** Tiller, H.-J. Preparation of very thin glow polymer layers 8-68633
- Breitenbach, E.D.** *see* Murphy, J.D. 8-83138
- Breitenbach, L.P.** *see* Niki, H. 8-53194, 8-85136
- Breiter, M.W.** *see* Farrington, G.C. 8-51726
- Breiter, M.W.** *see* Roth, W.L. 8-51693
- Breitfeld, W.,** Wirth, C.J. A dynamic motion simulator for the testing of plastic ligaments and tendons 8-81070
- Breitung, D.** *see* Greenwood, R.C. 8-89819
- Breitung, D.** *see* von Egidy, T. 8-66215
- Breitling, S.M.,** Williams, M.L., Colwell, R. Adhesive fracture of bonded plate or membrane strips 8-59342
- Breitung, W.** *see* Macco, F. 8-72343
- Breitung, W.** Oxygen self and chemical diffusion coefficients in UO_{2+x} 8-71879
- Breijaud, H.** *see* Besson, J. 8-89461
- Brejzman, B.N.,** Burmasov, V.S., Kornilov, V.A., Kruglyakov, E.P., Lukyanov, V.N. The transport of a relativistic electron beam in a gas and the ionization front propagation 8-75371
- Brekel, C.H.J.** *van den see* van den Brekel, C.H.J.
- Brekel, C.H.J.** *van den see* Van den Brekel, C.H.J.
- Brekhovskikh, G.L.** *see* Sokolovskaya, A.I. 8-83038
- Brekhovskikh, V.L.** Methods for calculating the thermal radiation of randomly inhomogeneous stratified media [Earth surface] 8-96312
- Brekke, A.,** Rino, C.L. High-resolution altitude profiles of the auroral zone energy dissipation due to ionospheric currents 8-88978
- Breman, L.H.** *see* Rechenberg, H.R. 8-68300
- Bremer, J.C.** Reference averaging radiometer 8-70176
- Bremhorst, K.** Response to stream temperature perturbations at higher frequencies of finite aspect ratio hot-wire anemometers 8-83503
- Bremhorst, K.** *see* Krebs, L. 8-94785
- Bremhorst, K.** *see* Platzer, M.F. 8-63470
- Bremmer, J.M.,** Blackmer, A.M. Nitrous oxide: emission from soils during nitrification of fertilizer nitrogen 8-57313
- Brenchley, D.L.,** Soldat, J.K., McNeese, J.A., Watson, E.C. Environmental assessment methodology for the nuclear fuel cycle 8-94112
- Brenci, M.,** Checcacci, P.F., Cosi, F., Falciai, R., Scheggi, A.M. Progress in the technology of optical fibres of plastic coated silica made by the Research Institute for Electromagnetic Waves of the CNR, Florence 8-55475
- Brenci, M.,** Checcacci, P.F., Falciai, R., Scheggi, A.M. Silica-plastic fibers for short-medium distance applications 8-66892
- Brendecke, H.** *see* Bhattacharya, G. 8-60465
- Brenden, B.B.** The interaction of sound and light at a liquid surface 8-53175
- Breneman, E.J.** Apparatus for the study of color perception under different adaptation conditions 8-56997
- Brener, R.** *see* Ehrenfreund, E. 8-64293
- Brenig, W.** Comment on 'Reneutralization in electron stimulated desorption' by W.L. Clinton 8-79894
- Brenig, W.,** Schonhammer, K. Comment on 'Theory of chemisorption of metallic surfaces: Role of intra-adsorbate Coulomb correlation and surface structure' 8-71979
- Brenk, H.D.** An applications related concept for calculating the environmental stress from atmospheric emissions from nuclear plant sited in the FRG 8-82531
- Brenn, R.,** Hopkins, F., Sprouse, G.D. Hyperfine interactions in few-electron fluorine ions recoiling in gases 8-74735
- Brennan, G.M.,** DeFrees, D.A., Waganer, L.M. Fusion plant electrical output power profiles and the utility interface 8-54906
- Brennan, J.M.** *see* Benczer-Koller, N. 8-54682
- Brennan, J.M.** *see* Hass, M. 8-66202
- Brennan, M.,** Tolk, K.M., Weldon, W.F., Rylander, H.G., Woodson, H.H. Test data on electrical contacts at high surface velocities and high current densities for homopolar generators 8-54964
- Brennan, M.H.,** Cheatham, A.D., Jones, I.R., Sawley, M.L. Observation of nonlinear effects in the propagation of m=0 torsional hydro-magnetic waves 8-59574
- Brennecke, R.,** Hahne, H.J., Heintzen, P.H. Improving the storage of video-angiographic image series by digital signal processing 8-92723
- Brenneman, W.L.** *see* Rogers, H.C. 8-60796
- Brennen, W.** *see* Shuman, M.E. 8-68881
- Brenner, A.E.** *see* Cutts, D. 8-78380, 8-89746
- Brenner, D.J.,** Reading, D.H. A method for measuring neutron spectra in a stopping pion field 8-73248
- Brenner, D.J.,** Reading, D.H. A method for measuring neutron spectra in a stopping pion field 8-85386
- Brenner, D.M.** Infrared multiphoton-induced chemistry of ethyl vinyl ether: dependence of branching ratio on laser pulse duration 8-80772
- Brenner, D.S.** *see* Anderson, D.L. 8-82270
- Brenner, H.,** Leal, L.G. Interfacial resistance to interphase mass transfer in quiescent two-phase systems 8-67828
- Brenner, H.** *see* Zuzovsky, M. 8-55547
- Brenner, H.C.,** Brock, J.C., Harris, C.B. Energy exchange in a coherently coupled ensemble 8-64298
- Brenner, H.C.** *see* Zwemer, D.A. 8-84498
- Brenner, S.** *see* Simoneit, B.R.T. 8-61396
- Brenner, S.L.,** Nossal, R.J., Weiss, G.H. Number fluctuation analysis of random locomotion. Statistics of a Smoluchowski process 8-54318
- Brenning, N.** 'Horizontal' thermal equilibrium due to excitation transfer between excited states of neutral He in transient plasma 8-70914
- Brentano, P.** *von see* von Brentano, P.
- Brentel, I.,** Beronius, P. A new version of the continuous capillary method for determining tracer-diffusion coefficients 8-75861
- Brentel, I.,** Beronius, P. Comments on the determination of tracer-diffusion coefficients using the capillary method 8-91462
- Brereton, M.G.,** Shah, S. The exponent z for the dynamics of polymer chains in the presence of hydrodynamic and excluded volume interactions 8-50668
- Breshears, W.D.,** Bird, P.F. Dissociation of NF₃ in shock waves 8-61002
- Breskin, A.,** Charkap, G., Sauli, F. A solution to the right-left ambiguity in drift chambers 8-58545
- Breslav, Yu.A.,** Rusovich, M.S., Kaplun, L.Ya. Monodisperse photographic silver halide emulsions. I. Methods for producing monodisperse (uniform) emulsions (review of patents 1955-1975) 8-58084
- Breslav, Yu.A.** *see* Vasil'ev, A.P. 8-49930
- Breslin, J.T.** *see* Winter, J.J. 8-74037
- Breslow, R.,** Doherty, J.B., Guillot, G., Lipsey, C. β -cyclodextrinylidene azadole a model for ribonuclease 8-85287
- Bressan, A.** Relativistic theories of materials 8-81907
- Bressan, D.J.** *see* Larson, R.E. 8-73539
- Bressan, J.,** Wiart, R. Use of impedance measurements for the control of the dendritic growth of zinc electrodeposits 8-84721
- Bressani, T.** *see* Bonazzola, G.C. 8-74402
- Bressel, C.N.,** Wisotsky, S.R., Vander Velde, W.E. Use of the fast Fourier transform in evaluation of laser Raman and fluorescence decay times [water pollution remote detection] 8-81444
- Bressers, J.,** Cassanelli, G., Kohnen, R.H., Gherardi, G. Ultra-high vacuum target assembly for charged particle irradiations in the materials research field 8-83841
- Bressers, J.,** De Cat, R., Olthoff, W., Kohnen, H., Cassanelli, G. Ion beam profile monitor 8-54498
- Bressers, J.** *see* Kes, P.H. 8-52168
- Bressler, B.H.** *see* Ahlborn, B. 8-96120
- Bressler, S.L.,** Butler, R.F. Magnetostratigraphy of the Late Tertiary Verde Formation, central Arizona 8-65179
- Bresson, A.** *see* Adam, J. 8-71473
- Bresson, G.,** Nenot, J.C. Action to be taken in the event of a radiological accident 8-53531
- Bretey, E.** Kinetic model for the description of the development of rapid oxidation of diamond powder 8-68917
- Brethau, T.** *see* Fries, E. 8-95785
- Breton, C.,** De Michelis, C., Finkenthal, M., Mattioli, M. Ionization and recombination rate coefficients of highly ionized molybdenum ions from spectroscopy of Tokamak plasmas 8-71427
- Breton, C.** *see* Adam, J. 8-71473
- Breton, C.** *see* Klapisch, M. 8-79470
- Breton, J.** *see* Adam, J. 8-71473
- Bretsch, J.** Semiconductor pressure measuring cell with increased unbreakability 8-81964
- Brett, A.C.,** Levine, S., O'Brien, R.N. Streaming at the negative polarographic maximum of the first kind 8-61020
- Brett, D.W.** Elm tree rings as a rainfall record 8-65381
- Brett, N.H.** *see* Niepce, J.-C. 8-85152
- Brett, N.H.** *see* Sircar, A. 8-95734, 8-95735
- Brett, S.J.,** Cantor, B., Doherty, R.D. Crystallographic fatigue crack growth in Al-4%Cu aged to contain GP zones 8-60832
- Breuckmann, B.** *see* Mehlhorn, W. 8-50522
- Breuel, H.P.** *see* Knopp, R. 8-88737
- Breuel, H.-P.** *see* Knopp, R. 8-73198
- Breuer, H.** *see* Mairle, G. 8-58288
- Breuer, H.** *see* Riedesel, H. 8-78238
- Breuer, L.J.,** Kreuels, R.K. Rainfall drop spectra intensities and fine structures on different time bases 8-53681
- Breuer, N.** *see* Leibfried, G. 8-71730
- Breuer, S.,** Roseman, J.J. Saint-Venant's principle in linear two-dimensional elasticity for non-striplike domains 8-54188
- Breullard, C.** *see* Dreyfus, C. 8-58695
- Breullard, C.** *see* Ouilion, R. 8-64352
- Breun, R.** *see* Wong, A.Y. 8-58431
- Breun, R.A.** *see* Mamas, D.L. 8-67401
- Breus, T.K.** *see* Verigin, M.I. 8-96418
- Brevnov, N.N.** *see* Bortnikov, A.V. 8-59643
- Brewe, D.E.,** Hamrock, B.J. Simplified solution for elliptical-contact deformation between two elastic solids 8-55616
- Brewer, D.F.** *see* Saunders, J. 8-56015
- Brewer, D.W.** *see* Couture, E.G. 8-65057
- Brewer, J.** *see* Jean, Y.C. 8-80774
- Brewer, J.H.** *see* Nishida, N. 8-95538
- Brewer, L.** *see* Andrews, L. 8-58712
- Brewer, L.** *see* Morris, J.W., Jr. 8-88444
- Brewer, R.B.** *see* Tyson, B.J. 8-81281
- Brewer, R.G.,** Genack, A.Z., Grossman, S.B. Coherent transients and pulse Fourier transform spectroscopy 8-86974
- Brewer, R.G.** *see* Genack, A.Z. 8-66873
- Brewer, R.G.** *see* Macfarlane, R.M. 8-68555
- Brewer, R.G.** *see* Schenzle, A. 8-70809
- Brewitt-Taylor, C.R.** *see* Weaver, J.T. 8-77182
- Brewster, P.M.** *see* Kennett, T.J. 8-70103
- Brey, J.J.,** Santos, A., Rull, L.F. Numerical calculation of critical exponents from the Percus-Yevick equation 8-91212
- Breyer, F.,** Frey, P., Hotop, H. High resolution photoelectron spectroscopy of negative ions: Fine-structure transitions in O⁻ and S⁻ photodetachment 8-55151
- Breyer, F.** *see* Frey, P. 8-90132
- Breysacher, J.,** Westerlund, B.E. Wolf-Rayet stars in the Small Magellanic Cloud 8-73716
- Breysacher, J.** *see* Bergwall, N.A.S. 8-77497
- Brezel, P.** *see* Genin, R. 8-73992
- Brezinskii, A.** Reciprocal theorem for piezoelectric thermoelasticity 8-83242
- Breznev, A.L.,** Chernov, I.A. Constructing higher approximations in the problem of special flows in plane Laval nozzles 8-87374
- Brezin, E.** *see* Hikami, S. 8-62289

- Brezina, I.** Reproduction of angular standards and problems with coupling to angle measuring devices 8-77851
- Brezina, I.** Accuracy investigation of auto-collimating telescopes 8-86239
- Brezinsky, K.** *see* Bulkin, B.J. 8-80325
- Brezovich, I.A.** The effect of electron evaporation on X-ray tube current 8-69204
- Briane, M.** *see* Mollard, P. 8-52315
- Briant, C.L.** Hydrogen assisted cracking of sensitized 304 stainless steel 8-76738
- Briant, C.L.** A mechanism of intergranular fracture in type 304 stainless steel 8-80644
- Briant, C.L., McMahon, C.J., Jr., Feng, H.C.** Embrittlement of a 5 pct nickel high strength steel by impurities and their effects on hydrogen-induced cracking 8-76735
- Briant, C.L.** *see* McMahon, C.J., Jr. 8-60765
- Briant, J.K.** *see* Allen, M.D. 8-94104
- Briant, J.L.** *see* Farrington, G.C. 8-51726, 8-91480
- Briat, M.** Evaluation of levels of Pb, V, Cd, Zn and Cu in the snow of Mt. Blanc during the last 25 years 8-81258
- Bricard, J.** *see* Boulaud, D. 8-96255
- Brice, D.K.** Lattice atom displacements produced near the end of implanted μ^+ tracks 8-55890
- Brice, J.-F., Courtois, A., Aubry, J.** Preparation of the hydrofluorated solid solution $\text{CaF}_{2-x}\text{H}_x$ ($0 \leq x \leq 1.24$). Structural study by X-ray diffraction and neutron diffraction 8-51505
- Bricker, J.L.** *see* Braman, R.S. 8-92535
- Brickman, A.D.** *see* High, K.M. 8-81080
- Brickman, R.** *see* Rabinowitz, P. 8-94411
- Brickmann, J., Bitto, H.** Analytical determination of non-Born-Oppenheimer matrix elements between different molecular electronic states 8-74562
- Brickwedde, F.G.** *see* Marker, A.J. 8-52169
- Bricman, C., Dionisi, C., Hemingway, R.J., Mazucato, M., Montanet, L., Barash-Schmidt, N., Crawford, R.C., Roos, M., Barbaro-Galtieri, A., Horne, C.P., Kelly, R.L., Losty, M.J., Rittenberg, A., Trippe, T.G., Yost, G.P., Armstrong, B.** Review of particle properties. Particle data group 8-66179
- Bricman, C.** *see* Binon, F. 8-82582
- Bridenbaugh, P.M.** *see* Davis, J.G. 8-68504
- Bridenbaugh, P.M.** *see* Fox, D.L. 8-56486
- Bridges, J.E., Frazier, M.J., Hauser, R.G.** The effect of 60 hertz electric fields and currents on implanted cardiac pacemakers 8-88769
- Bridges, J.E.** *see* Frazier, M.J. 8-88770
- Bridges, J.M.** *see* Lord, W. 8-88595
- Bridges, J.W.** *see* Miller, J.N. 8-61082
- Bridges, T.J.** *see* Chang, T.Y. 8-63126
- Bridges, W.B.** Characteristics of an opto-galvanic effect in cesium and other gas discharge plasmas 8-63583
- Bridle, A.H., Fomalont, E.B.** Extended radio sources and elliptical galaxies. I. Small-diameter components in extended structures 8-81699
- Bridle, A.H.** *see* Fomalont, E.B. 8-81700, 8-93441
- Bridle, A.H.** *see* Guindon, B. 8-77610
- Bridoux, E., Nongaillard, B., Rouvaen, J.M., Bruneel, C., Thomon, G., Torguet, R.** Optimization of a transmission acoustic microscope 8-51022
- Bridoux, E.** *see* Bruneel, C. 8-51021
- Bridoux, E.** *see* Rouvaen, J.M. 8-63920
- Bridwell, L.B.** *see* Moak, C.D. 8-55066
- Briedis, L.P.** *see* Brauer, E. 8-63405
- Briefel, E.** *see* Weaver, K.E. 8-69194
- Briegleb, U., Goetze, C.** Estimates of differential stress recorded in the dislocation structure of Lochseiten limestone (Switzerland) 8-88822
- Briehl, D.C.** *see* Hanser, F.A. 8-73522
- Brielles, J.** *see* Vermeese, J. 8-67301
- Brient, C.E.** *see* Goodman, C.D. 8-55085
- Brier, G.W.** *see* Knight, R.W. 8-85654
- Brier, P.N., Perry, A.** Neutron inelastic scattering measurements and liquid dynamics of CH_2Cl_2 8-71664
- Brier, P.N.** *see* Georgiou, C. 8-94237
- Briers, J.D.** The statistics of fluctuating speckle patterns produced by a mixture of moving and stationary scatterers 8-66765
- Brioux de Mandirola, O.** *see* Angelilli, T. 8-78692
- Brieva, F., Rook, J.R.** Neutron optical potential from a realistic internucleon potential 8-54730
- Brieva, F.A.** Exchange term and effect of odd forces in the nucleon-nucleus optical potential 8-70500
- Briffod, G.** *see* Bardet, R. 8-70634
- Briganti, G., Calvani, P., De Luca, F., Maraviglia, B.** Rotational ordering and nuclear spin-lattice relaxation in solid methane 8-91967
- Briggs, A.** *see* Monceau, P. 8-60049
- Briggs, A.G.** The Rydberg constant—a hand-calculator exercise [for teachers] 8-81765
- Briggs, A.G., Lee, J.D.** A computerized approach to some aspects of spectroscopy 8-86390
- Briggs, B.F.N.** *see* Littlewood, S. 8-76124
- Briggs, B.H.** *see* Chandra, H. 8-65450
- Briggs, C.K.** *see* Pyper, J.W. 8-61005
- Briggs, D., Marbrow, R.A., Lambert, R.M.** Photoelectron spectroscopy and surface order: some UPS and XPS observations on Ag (110) 8-56568
- Briggs, J.S., Taubler, K.** Theory of inelastic atom-atom collisions 8-74736
- Briggs, R.J.** *see* Lauer, E.J. 8-83544
- Bright, A.W.** *see* Sampuran-Singh 8-80662
- Brighton, J.A.** *see* High, K.M. 8-81080
- Brighton, P.W.M.** Strongly stratified flow past three-dimensional obstacles 8-71383
- Briginets, V.P.** Luminescence and photoconversion of M(Sr)-centres in KCl crystals 8-84649
- Brignon, P.** Standardization of the French light water nuclear power stations 8-58397
- Briguet, A., Charriere, J., Duplant, J.C., Delmau, J., Meille, J.P.** Proton magnetic resonance study of molecular motion and association in the complex chloroform/hexamethylphosphoramide 8-72429
- Brij Mohan Singh, Dhaliwal, R.** Griffith crack in an infinite nonhomogeneous elastic medium under shear 8-87300
- Brik, A.B.** *see* Bezobchuk, V.K. 8-88177
- Briksenstien, V.Kh.** *see* Benderskii, V.A. 8-52562
- Brikenstein, V.Kh.** *see* Benderskii, V.A. 8-76512
- Brikker, S.I.** *see* Basina, Yu.V. 8-93063
- Brilingas, A., Bucko, N.J., Grigas, J., Samuelionis, W., Sheshnitsch, J.D.** Dielectric and acoustic properties of AgSbS_4 8-64335
- Brilingas, A., Grigas, I., Dmytriv, A.Yu.** Dielectric properties of $\text{Pb}_2\text{Sb}_2\text{S}_{17}$ crystals 8-72452
- Brill, H.L.** *see* Reich, S.M. 8-81545
- Brill, I., Elaz, Y., Kalinsky, D., Miller, A.C., Robinson, A.** Solo: a single bed intensive monitoring computer system 8-81053
- Brillante, A., Philpott, M.R., Haarer, D.** Charge-transfer exciton transitions in anthracene-PMDA crystal 8-72540
- Brillante, A., Pockrand, I., Philpott, M.R., Swalen, J.D.** Experimental observation of exciton surface polaritons on a polymerized diacetylene crystal 8-80372
- Brillet, A.** *see* Cerez, P. 8-87073
- Brillson, L.J.** Chemical reaction and charge redistribution at metal-semiconductor interfaces 8-95365
- Brillson, L.J., Griffiths, C.H.** Surface photovoltage spectroscopy of defects and impurities in trigonal selenium 8-72108
- Brimacombe, J.K., Watkinson, A.P.** Heat transfer in a direct-fired rotary kiln. I. Pilot plant and experimentation 8-83224
- Brimacombe, J.K.** *see* Watkinson, A.P. 8-83225
- Brimblecombe, P.** 'Dew' as a sink for sulphur dioxide 8-81370
- Brimblecombe, P., Wigley, T.M.L.** Early observations of London's urban plume 8-88907
- Brimblecombe, P.** *see* Aranuvachapun, S. 8-73417
- Brin, G.D.** *see* Mendis, D.A. 8-81589, 8-81590
- Brinati, J.R., Bund, G.W.** A comparison between exact and DWBA stripping to a resonance 8-93985
- Brindle, C.** The radio haloes of spiral galaxies 8-89263
- Brindle, C., French, D.K., Osborne, J.L.** An interpretation of the galactic continuum radiation. II. A three-dimensional model of the radio emissivity 8-77604
- Brindle, R.C.** *see* Tracy, C.J. 8-63612
- Brindley, G.W., Porter, A.R.D.** Occurrence of dickite in Jamaica—ordered and disordered varieties 8-83786
- Bringi, V.N., Seliga, T.A.** Scattering from non-spherical hydrometeors 8-53676
- Bringi, V.N.** *see* Seliga, T.A. 8-57270
- Brink, D.J., Hasson, V.** High-power photopreionization-stabilized carbon dioxide waveguide lasers operating at gas pressures of up to 13 atm 8-63131
- Brink, D.M., Stancu, Fl.** Microscopic and proximity nucleus-nucleus potentials 8-62556
- Brink, D.M.** *see* Hasan, H. 8-94021
- Brink, D.M.** *see* Stringari, S. 8-86500
- Brink, G., Glasser, L.** Dielectric studies of molecular association. A model for the association of ethanol in dilute solution 8-83714
- Brink, H.M.T., Bontje, J.A., Spoelstra, H., Van de Vate, J.F.** The interaction between NO_2 , O_3 and airborne particles 8-81342
- Brink, H.M.T.** *see* Ten Brink, H.M.
- Brink, I.J., Holley, C.E., Jr.** The enthalpy of formation of strontium monoxide [from enthalpies of solution of Sr and SrO] 8-61041
- Brink, J.A., Coetzer, F.J., Olivier, J.H.I., van der Westhuizen, P., Pretorius, R., McMurray, W.R.** Level lifetimes in NII and NIII: apparatus and results 8-94314
- Brink, L., Gell-Mann, M., Ramond, P., Schwarz, J.H.** Supergravity as geometry of superspace 8-49744
- Brink, L., Gell-Mann, M., Ramond, P., Schwarz, J.H.** Extended supergravity as geometry of superspace 8-65856
- Brink-Kjaer, O.** *see* Jonsson, I.G. 8-90920
- Brinkman, A.C., den Boggende, A.J.F., Gronenschild, E.H.B.M., Heise, J., Mewe, R., Schrijver, J.** On the low energy X-ray absorption of the Coma, Virgo and Perseus clusters 8-86025
- Brinkman, A.C.** *see* Bleeker, J.A.M. 8-85941
- Brinkman, A.C.** *see* den Boggende, A.J.F. 8-81634
- Brinkman, A.C.** *see* Gronenschild, E.H.B.M. 8-54010
- Brinkman, A.C.** *see* Schrijver, J. 8-96563
- Brinkman, C.R.** *see* Sikka, V.K. 8-60730
- Brinkmann, D., Freudenreich, W., Arend, H., Roos, J.** Evidence for a first-order phase transition at 209K in the superionic conductor RbAg_4I_5 8-83949
- Brinkmann, G.** Optimised dishes: Determination of shape and stability 8-87256
- Brinkmann, J., Courths, R., Guggenheim, H.J.** Logarithmic corrections to the critical behavior of uniaxial, ferromagnetic TbF_3 8-60294
- Brinson, H.F.** *see* Yeow, Y.T. 8-52870
- Brint, P.** *see* Hasnain, S.S. 8-66575
- Briou, C.E.** *see* Hitchcock, A.P. 8-62934, 8-90303, 8-90310
- Brioues, R.A., Wuerker, R.F.** Holography of solid propellant combustion 8-82935
- Briot, D.** Ultraviolet fluxes of Be stars 8-61870
- Briot, R., Gonnard, P., Fétiveau, Y.** Thermoelectric conversion during phase transitions in ferroelectric materials 8-76412
- Briscoe, B.J., Tabor, D.** Friction and wear of polymers: The role of mechanical properties 8-52998
- Briscoe, B.J., Tabor, D.** Shear properties of thin polymeric films 8-60842
- Briscoe, B.J.** *see* Klein, J. 8-55987
- Brisk, M.A.** *see* Baker, A.D. 8-85225
- Briskman, B.A., Kramer-Ageev, E.A.** Radiation testing of materials in reactors 8-79640
- Brissaud, I.** *see* Tatischeff, B. 8-82345
- Brissou, V.** *see* Erriquez, O. 8-78170
- Brissot, J.J.** *see* Belouet, C. 8-64490
- Bristol, S.P.** *see* Parry, P.D. 8-72903
- Bristow, G.K., Cornelius, C.A., Smith, T.F., Finlayson, T.R.** Hall coefficient of $\text{TaS}_{2-x}\text{Se}_x$ layer compounds 8-95305
- Brito, A.S.** *see* de Lima, O.F. 8-91828
- Brito, R.A.** *see* Alexanian, M. 8-71897
- Britov, A.D., Karavaev, S.M., Kalyuzhnaya, G.A., Kurbatov, A.L., Maksimovskii, S.N., Sivachenko, S.D.** Mode tuning in pulse lead-tin chalcogenide laser diodes 8-50777
- Britov, A.D.** *see* Ivanov-Omskii, V.I. 8-52569
- Britov, N.A.** Structures of flows induced by rotating magnetic fields 8-75211
- Britt, E.L., Rasor, N.S.** A cesium plasma TELEC device for conversion of laser radiation to electric power 8-90421
- Britt, H.C.** *see* Christensen, P.R. 8-54798
- Britt, H.C.** *see* Plasil, F. 8-54797
- Brittain, O.W.** Forecasting sea-breezes at Esk-meals 8-69418
- Britton, D.** *see* van Rij, C. 8-75635
- Britton, W.H.** *see* Weinreich, W.A. 8-86669
- Britz, D.** *see* Sreenivasan, K.R. 8-90955
- Britze, K., Meyer-Ehmsen, G.** High energy electron diffraction at Si (001) surfaces 8-91523
- Brixner, L.H.** Fluorescence and X-ray data of $\text{Bi}_2\text{Al}_2\text{O}_9$ and $\text{Bi}_2\text{Ga}_2\text{O}_9$ 8-80403
- Brizhinev, M.P., Eremin, B.G., Kostrov, A.V., Slutsker, Ya.Z., Stepanushkin, A.D.** Investigation of modulation instability according to nonthermal radiation spectrum of collisionless plasma 8-75320
- Broadfoot, A.L., Kumar, S.** The interstellar wind: Mariner 10 measurements of hydrogen (1216 Å) and helium (584 Å) interplanetary emission 8-65474
- Broadfoot, A.L.** *see* Kumar, S. 8-96371
- Broadfoot, A.L.** *see* Sandel, B.R. 8-81673
- Broadfoot, A.L.** *see* Smith, G.R. 8-96416
- Broadhurst, A.D.** Loudspeaker enclosure to simulate an infinite baffle 8-55531
- Broadway, J.A.** *see* Smith, J.M. 8-77116
- Broberg, H., Westlund, R.** Creep in structures with random material properties 8-67053
- Brocco, D.** *see* Liberti, A. 8-96287
- Broch, E.** *see* Atkinson, R.H. 8-96313
- Broch, E.** *see* Hallbauer, D.K. 8-81431
- Brochard, J.** *see* Hugon, M. 8-74748
- Broche, P., Crochet, M., Gagnepain, J.** Neutral winds and phase velocity of the instabilities in the equatorial electrojet 8-57388
- Broche, P.** *see* De Maistre, J.C. 8-77295
- Brochier, M.** *see* Planiol, T. 8-61243
- Brochu, M.** Episodic waves—freak threat of the seas 8-61433

- Brock, J.C.** Thermal promotion of localized excitations to the exciton band: effect of intermediate impurity states in 1,2,4,5-tetrachlorobenzene 8-52539
- Brock, J.C.** see Brenner, H.C. 8-64298
- Brock, J.E.,** Chisholm, A., Duder, J.C., Garrett, R. Measurement of neutron-proton analysing power at 14 MeV 8-62544
- Brock, L.M.** Dynamic rigid indentation induced by sliding frictionless contact 8-75107
- Brockerhoff, P.** Further investigations on an improved modification of the kohlestein insulation. II 8-66346
- Brockhouse, B.N.,** Shirane, G. Temperature dependence of phonons in pyrolytic graphite 8-59906
- Brockmann, K.** see Reimer, L. 8-92153
- Brockner, W.,** Cyvin, B.N., Cyvin, S.J. Normal coordinate analysis and mean amplitudes of vibration for $\text{Cl}_3\text{SbOPCl}_3$, $\text{Cl}_3\text{NbOPCl}_3$ and $\text{Cl}_3\text{TaOPCl}_3$ 8-66536
- Brockner, W.** see Cyvin, S.J. 8-66537
- Brockway, G.S.** Some viscoelastic crack growth relations for orthotropic and prestrained media 8-90772
- Broda, R.** see Daly, P.J. 8-93964
- Broda, R.** see Ogawa, M. 8-82310
- Brodacki, J.** see Surowiak, Z. 8-89496
- Brodbeck, C.** see Nguyen-Van-Thanh 8-62778
- Brodbeck, C.** see Rossi, I.R. 8-64353
- Brodbeck, C.M.,** Bukrey, R.R., Hoeksema, J.T. Integrated circuit AC mutual inductance bridge for magnetic susceptibility measurements 8-89508
- Brodbeck, C.M.** see Sook Lee 8-72436
- Brodbeck, T.J.,** Coddington, P., Morris, J.V., Newton, D., Sloan, T. Photoproduction of ω mesons from complex nuclei targets 8-58261
- Brodbeck, T.J.** see Barber, D.P. 8-78189
- Brodka, K.** see von Mengden, H.-J. 8-85448
- Broderick, J.J.** see Wolfe, A.M. 8-65680
- Broderick, S.R.** A DVM for noise and vibration measurements 8-55538
- Brodersen, S.** Determination of A_0 for CD_3Cl from the ν_4 Raman band 8-82737
- Brodersen, S.** see Hegelund, F. 8-74667
- Brodersen, A.B.** see Edwards, R.G. 8-87199
- Brodhag, C.** see Cuellieron, J. 8-59822
- Brodie, D.E.** see Lin, P.K. 8-52021
- Brodmas, G.** see Jannussis, A. 8-73871
- Brodin, I.S.,** Chekovskii, S.A. Analysis of bell-type volume-dynamic systems used for exact reproduction and measurement of gas flow 8-75239
- Brodin, I.S.,** Fedenchuk, D.I. Investigation into rotary gas flow meter error 8-71407
- Brodin, M.S.,** Goer, D.B., Matsko, M.G. Relaxation processes and some features of the emission spectra of ZnTe and $\text{Zn}_x\text{Cd}_{1-x}\text{Te}$ crystals 8-72598
- Brodin, M.S.,** Kipen', A.A., Shevel', S.G., Yanushevskii, N.I., Vitrikhovskii, N.I. Spatial distribution and modes of lasing from $\text{Zn}_x\text{Cd}_{1-x}\text{S}$ single crystal platelets under one-photon optical excitation 8-74913
- Brodin, M.S.,** Vitrikhovskii, N.I., Kipen, A.A., Shevel', S.G., Yanushevskii, N.I. On spatial distribution and modes of lasing from $\text{CdS}_{1-x}\text{Se}_x$ single crystal platelets under one-photon optical excitation 8-59012
- Brodin, M.S.,** Volovik, N.V., Reznichenko, V.Ya., Strashnikova, M.I. Study of electron-hole drops and plasma in $\text{CdS}_{1-x}\text{Se}_x$ mixed crystals 8-92119
- Brodin, M.S.** see Borschch, A.A. 8-50844, 8-79066
- Brodkey, R.S.,** McKelvey, K.N., Hershey, H.C., Nychas, S.G. Mass transfer at the wall as a result of coherent structures in a turbulently flowing liquid 8-59379
- Brodkey, R.S.** see Anastas, M.Y. 8-94625
- Brodkey, R.S.** see Kastrinakis, E.G. 8-90854
- Brodkorb, W.** The influence of surface recombination on the double-injection negative-resistance 8-88024
- Brodmann, R.,** Zimmerer, G. Xenon 5d emission in pure xenon and xenon doped argon 8-74605
- Brodnick, D.E.,** Olson, W.H., McGinnis, R.O. Laminated electrodes for biopotential studies 8-92760
- Brodov, Yu.M.,** Savelyev, R.Z., Permyakov, V.A., Kuptsov, V.K., Gal'perin, A.G. The effect of vibration on heat transfer and flow of condensing steam on a single tube 8-51044
- Brodovoi, V.A.** see Peka, G.P. 8-56238
- Brodowicz, K.,** Dyakowski, T., Pietralik, M. An intermittent character of the laminar condensation 8-94555
- Brodowsky, H.** see Schaller, H.-J. 8-52769
- Brodribb, A.J.M.** see Ardian, G.M. 8-61259
- Brodrick, H.J.** The relationship between vertical sounder radiances and mid-latitude 300 mb flow patterns 8-92983
- Brodskii, V.B.** On problem of stability of negative conductivity plasma 8-55722
- Brodskii, Yu.Ya.,** Gol'tsman, V.L., Mironov, V.A., Nechuev, S.I. Experimental investigation of the interaction between an electromagnetic field and plasma layer 8-59604
- Brodsky, M.B.,** Trainor, R.J., Aldred, A.T., Sowers, C.H. Magnetic susceptibility of AnRe_2 compounds 8-68182
- Brodsky, M.B.** see Bader, S.D. 8-71987
- Brodsky, M.B.** see Orent, T.W. 8-75918
- Brodsky, M.H.** Plasma preparations of amorphous silicon films 8-72740
- Brodsky, M.H.** see Grimsditch, M. 8-72538
- Brodsky, S.J.,** DeGrand, T.A., Gunion, J.F., Weis, J.H. Production of large-transverse-momentum jets in photon-photon collisions 8-82225
- Brodsky, S.J.,** Mohr, P.J. Quantum electrodynamics in strong and supercritical fields 8-74193
- Brodsky, Yu.Ya.,** Gol'tsman, V.L., Litvak, A.G., Nechuev, S.I. On plasma heating by electromagnetic waves 8-75383
- Brodsky, Yu.Ya.,** Gol'tsman, V.L., Zharov, A.A., Kondrat'ev, I.G., Miller, M.A., Nechuev, S.I. Resonant absorption of electromagnetic waves by inhomogeneous plasma 8-75353
- Brodwin, M.E.** see Nigh, F.M. 8-57337
- Brody, E.M.** see Lettieri, T.R. 8-72475, 8-80308
- Brody, H.** see Beier, E. 8-74290
- Brody, H.** see Weisberg, H. 8-74291
- Brody, P.S.** Investigation of a photovoltaic ferroelectric as an optical memory storage medium 8-50877
- Brodyanskii, A.P.,** Freiman, Yu.A. Rotation molecular motion in NH_3 and ND_3 crystals 8-87762
- Brodyanskii, V.M.** see Voroshilov, B.S. 8-81987
- Brodzeli, M.I.** see Chilaya, G.S. 8-79529
- Broeck, J.-M.** van den see van den Broeck, J.-M.
- Broecker, W.S.,** Bainbridge, A. An abyssal shear zone 8-73386
- Broecker, W.S.** see Hoffert, M.I. 8-81185
- Broecker, W.S.** see Peng, T.-H. 8-81212
- Broeckx, J.** see Vanhaelst, M. 8-91941
- Broek, C.A.M.** van den see van den Broek, C.A.M.
- Broek, D.** see Kanninen, M.F. 8-68777
- Broek, J.H.J.M.** Van den see Van den Broek, J.H.J.M.
- Broek, J.J.** van der see van der Broek, J.J.
- Broek, P.M.** van den see van den Broek, P.M.
- Broer, L.J.F.,** Lakshmanan, M. On a proposed alternative to the KdV equation 8-57791
- Broer, L.J.F.** see Verheggen, Th.M.M. 8-86179
- Broers, G.H.J.** see Scholtens, B.B. 8-79803, 8-84265
- Broerse, J.J.,** Burger, G., Coppola, M. A European neutron dosimetry intercomparison project (ENDIP). Results and evaluation 8-82532
- Broerse, J.J.,** Zoetelief, J. Dosimetric aspects of fast neutron irradiations of cells cultured in monolayer 8-69218
- Brofferio, C.** see Antonucci, L. 8-55052
- Brofman, P.J.,** Ansell, G.S. On the effect of carbon on the stacking fault energy of austenitic stainless steels 8-80553
- Brofman, P.J.,** Judd, G. Early stage precipitation kinetics in an Al-Zn-Mg and an Al-Zn-Mg-Ti alloy 8-56645
- Broglia, P.,** Conconi, P., Guerrero, G. The photometric behaviour of RU Cam from 1966 to 1977 8-89206
- Broglia, R.A.,** Dasso, C.H., Pollaro, G., Winther, A. Role of particle transfer and excitation of collective surface vibrations in the damping processes leading to deep inelastic reactions 8-70555
- Broglia, R.A.** see Bortignon, P.F. 8-62490
- Broglia, R.A.** see Esbensen, H. 8-82372
- Brognino, J.** see Martin, F. 8-58922
- Brohet, C.R.,** Derwaël-Barchy, C., Sottiaux, B., Fesler, R. A computer system for the analysis, display and storage of vectorcardiograms 8-85437
- Brohet, C.R.** see Fesler, R. 8-85427
- Broida, H.P.** see Muller, C.H., III. 8-61132
- Broida, H.P.** see West, W.P. 8-71081
- Broide, E.L.** Thermoelectric figure of merit of antimony at high pressures 8-80013
- Broide, Z.S.** see Markin, V.F. 8-72936
- Brom, E.L.** see Kuts, P.S. 8-83214
- Brom, J.M.** see Beattie, W.H. 8-58745
- Bromage, G.E.,** Cowan, R.D., Fawcett, B.C., Ridgeley, A. Classification of Be I-like and B I-like iron and vanadium spectra from laser-produced plasmas 8-67410
- Bromander, J.,** Duric, N., Erman, P., Larsson, M. Lifetimes of some levels in neutral carbon, nitrogen and oxygen 8-50506
- Brombach, J.D.** see Fuchs, W. 8-57141, 8-57142
- Bromberg, A.V.** see Sokol, V.A. 8-52730
- Bromberg, L.,** Jassby, D.L. In-torus zirconium-aluminum getter pumping for beam-driven Tokamaks 8-50401
- Bromberg, L.,** Smullin, L.D. Theoretical study of the ion composition of the modified duopigatron ion source 8-54914
- Bromberg, P.A.** see Pimmell, R.L. 8-61208
- Bromer, H.,** Huber, H.L. Nuclear magnetic resonance in ferromagnetic HCP and FCC⁵⁹ cobalt 8-52364
- Bromley, E., Jr.** Aeronautical meteorology: Progress and challenges—Today and tomorrow 8-53692
- Bron, J.,** Hesselink, H.A., Peker, L.K., van Poelgeest, A., Uitzinger, J., Verheul, H., Zalmstra, J. Collective bands observed in single closed shell even mass Sn nuclei 8-54719
- Bron, J.,** Wallace, R. A simpler method of evaluate the isotopic shifts in fundamental stretching frequencies of polyatomic molecules 8-50530
- Bron, J.,** Wallace, R. Vibrational theory of polyatomic molecules. Fundamental frequencies, overtone and combination bands of $^{235}\text{UF}_6$ and $^{238}\text{UF}_6$ 8-66534
- Bron, J.** see Hesselink, W.H.A. 8-58249
- Bron, R.Ya.,** Matyushkin, E.V., Petrov, S.V. Nonequilibrium luminescence and relaxation processes in MnF_2 single crystals 8-80415
- Bron, W.E.,** Grill, W. Stimulated phonon emission 8-63817
- Bron, W.E.,** Grill, W. Spectral, spatial and temporal phonon spectroscopy 8-83892
- Bronsted, P.,** Sorensen, O.T. Preparation of dispersion-hardened copper by internal oxidation 8-56649
- Broner, N.** Low frequency and infrasonic noise in transportation 8-88726
- Broner, N.** The effects of low frequency noise on people—a review 8-92673
- Bronger, W.,** Byck, J., Schils, H. Ternary silver selenides 8-83795
- Brongersma, H.H.,** Hazewindus, N., van Nieuwland, J.M., Otten, A.M.M., Smets, A.J. 'NODUS'—a sensitive new instrument for analyzing the composition of surfaces 8-76968
- Broniatowski, A.,** Sutz, A. Electron microscopic study of dislocations in undeformed rhombohedral single crystals of Se 8-51548
- Bronin, S.Ya.,** Nizovskiy, V.L., Sushkin, V.N., Shabashov, V.I., Yartsev, Yu.V. Electron-beam sustained discharge in nitrogen 8-75365
- Bronin, S.Ya.** see Biberman, L.M. 8-87251, 8-94736
- Bronner, C.** see Durano-Charre, M. 8-95483
- Bronner, G.** see Murray, J.G. 8-58498
- Bronnikov, K.A.** A singularity-free particle model in general relativity 8-54255
- Bronnikov, K.A.,** Kireyev, Yu.N. Instability of black holes with scalar charge 8-77576
- Bronnikov, V.K.,** Abramenko, P.V., Levakov, V.I. Automatic control block for the 'Kvarts-6' thickness gauge 8-73005
- Bronovoi, I.L.,** Sharvin, Yu.V. Resistance of Bi microcontacts at low temperatures 8-80054
- Bronshtein, V.L.** see Chernov, A.A. 8-95005
- Bronson, J.C.** see Liebenberg, D.H. 8-74017
- Bronson, J.C.** see Mills, R.L. 8-63837
- Bronson, J.D.** see Youngblood, D.H. 8-50183
- Bronsveld, P.M.,** Hoenders, B.J. On the alleged breakdown of the Kirchhoff theory in the case of diffraction and interference by a two-dimensional array 8-83088
- Bronsveld, P.M.** see Alsem, W.H.M. 8-83816
- Brontvein, M.D.,** Mikhailov, V.V. Measurement of input impedance [ocean bottom] 8-94475
- Bronzan, J.B.,** Sugar, R.L. Regge behavior of spontaneously broken non-Abelian gauge theory. II 8-70287
- Bronzan, P.,** Meider, H. Solvent extraction of zirconium and hafnium. III. Extraction and complex formation with tridentate organophosphorus compounds 8-76853
- Brook, E.,** Harrison, M.F.A., Smith, A.C.H. Measurements of the electron impact ionisation cross sections of He, C, O and N atoms 8-86956
- Brook, G.A.,** Ford, D.C. The origin of labyrinth and tower karst and the climatic conditions necessary for their development 8-96208
- Brook, M.** see Takeuti, T. 8-73443
- Brook, R.** see Towers, R.T. 8-64785
- Brook, R.J.** see Bowen, L.J. 8-92220
- Brook, R.J.** see Messier, D.R. 8-56632
- Brooke, J.A.** A Galileian formulation of spin. I. Clifford algebras and spin groups 8-57736
- Brooke Koffend, J.,** Goldstein, S., Bacis, R., Field, R.W., Ezekiel, S. Doppler-free stimulated-emission spectroscopy and secondary frequency standards using an optically pumped laser 8-93765
- Brooke Koffend, J.** see Gottscho, R.A. 8-70857
- Brookeman, V.A.,** Fitzgerald, L.T., Morin, R.L. Electron dose reduction coefficients for seven radionuclides and cylindrical geometry 8-92704
- Brookeman, V.A.** see Lorenz, E. 8-65122
- Brooker, H.R.,** Hinshaw, W.S. Thin-section NMR imaging 8-78728

- Brooker, M.H.** Raman spectroscopic investigations of structural aspects of the different phases of lithium sodium and potassium nitrate 8-76458
- Brookes, C.J.** Upper-atmosphere winds from the orbit of 1971-37B, Cosmos 408 rocket 8-73559
- Brookes, C.J., Holland, D.** Analysis of the orbit of 1968-90 A (Cosmos 248) 8-81100
- Brookes, G.R.** *see* Barber, D.P. 8-78189
- Brookes, J.R., Isaak, G.R., McLeod, C.P., van der Raay, H.B., Roca Cortes, T.** The search for solar oscillations, 1974 to 1976 8-93190
- Brookes, J.R., Isaak, G.R., van der Raay, H.B.** A resonant-scattering solar spectrometer 8-96393
- Brookes, J.R., Isaak, G.R., van der Raay, H.B.** The observation of a rotating body using high-resolution spectroscopy [Sun] 8-96403
- Brooks, A.C.** *see* Gaston, E.L. 8-73215
- Brooks, B.R., Schaefer, H.F., III** N(¹A₁), T(²B_{1u}), and V(²B_{1u}) states of vertical ethylene 8-70752
- Brooks, D.W.** The status of general chemistry. IV. Changes in the future 8-69929
- Brooks, E.D., III** *see* Moore, J.H. 8-58872
- Brooks, E.D., III** *see* Skillman, T.L., Jr. 8-90049
- Brooks, H.** The dynamics of funding, enrollments, curriculum and employment 8-65746
- Brooks, H.A.** *see* Wakiyama, T. 8-80184
- Brooks, J., Evans, K., Jr., Stevens, H., Turner, L.** The equilibrium field coil system for the Argonne EPR design 8-50367
- Brooks, J., Harkness, S., Jung, J., Misra, B., Moretti, A., Norem, J., Stevens, H.** A lower hybrid heating system for an ignition Tokamak 8-70636
- Brooks, J., Norwich, K.H., Zelin, S.** Method for measuring blood flows and volumes using indicator-dilution techniques in patients with transposition of the great vessels 8-61209
- Brooks, J.N., Ehst, D., Harkness, S.D., Norem, J., Stevens, H., Turner, L.** Resistive requirements for the vacuum wall of a Tokamak fusion reactor 8-66410
- Brooks, J.N., Fujia, R.E., Kustom, R.L., Praeg, W.F.** Energy storage and transfer system for experimental power reactor 8-54955
- Brooks, J.N., Kustom, R.L., Stacey, W.M., Jr.** Plasma driving system requirements for commercial Tokamak fusion reactors [power supply] 8-54954
- Brooks, J.N.** *see* Olson, J.R. 8-69497
- Brooks, J.N.** *see* Stacey, W.M., Jr. 8-66418
- Brooks, K.** *see* Coleman, L.W. 8-51362
- Brooks, R., Trauber, P.** The van Est theorem for groups of diffeomorphisms 8-93811
- Brooks, R.A.** Data processing of dual-energy scans 8-69215
- Brooks, R.D.** *see* Watt, R.G. 8-71490
- Brooks, R.E.** *see* Von der Ohe, W. 8-78944
- Brooks, R.L., Campbell, W.J., Ramseier, R.O., Stanley, H.R., Zwally, H.J.** Ice sheet topography by satellite altimetry 8-81233
- Brooks, R.L., Datla, R.U., Griem, H.R.** Measurement of dielectronic recombination rates for the iron ions Fe IX-XI 8-71525
- Brooks, R.R.** *see* Ward, N.I. 8-85562
- Broome, T.A.** *see* Baker, R.D. 8-70404, 8-89733
- Broome, T.A.** *see* Gay, M. 8-70405
- Brophy, J.** *see* Grace, J.R. 8-75182
- Bros, J., Lassalle, M.** Analyticity properties and many-particle structure in general quantum field theory. IV. Two-particle structural equations for the four, five and six-point functions 8-54524
- Bros, J.P.** *see* Girard, C. 8-60655
- Bros, J.-P.** *see* Gambino, M. 8-79742
- Bros, J.-P.** *see* Misane, J.-M. 8-60649
- Brosch, N., Leibowitz, E.M., Spector, N.** The emission-line spectrum of MWC 342 in 1974-1975 8-57558
- Brosch, N., Nevo, I.** A search for nebulosity around Sirius 8-93242
- Brosch, N.** *see* Vidal, N.V. 8-73657
- Brosens, F., Devreese, J.T.** Exchange effects in the plasmon dispersion of one-dimensional systems 8-91628
- Brosens, F.** *see* Cornelis, J. 8-67784, 8-75621
- Broser, E., Gernhardt, J., Hartz, F., Keilhacker, M., Klement, G., Kruger, P., Larcher, Th., Niedermeyer, H., Pillsticker, M., Wedler, H., Werner, F., Wesner, F.** Manufacture, assembly and test of the toroidal and poloidal magnetic field coils of ASDEX 8-50352
- Broser, W.** *see* Lubitz, W. 8-94266
- Brossard, M., Brachet, D., Goursat, P., Billy, M.** Oxidation resistance of the b₉ and 15 R phases of the SiAlON system 8-72899
- Brosset, C.** Water-soluble sulphur compounds in aerosols 8-96282
- Brossier, P.** Runaway-driven kinetic instabilities in Tokamaks 8-75290
- Brossier, P.** *see* Adam, J. 8-71473
- Brosson, P.** *see* Ribeiro, C.A. 8-83009
- Brot, C.** *see* Occelli, R. 8-75520
- Brotak, E.A., Reifsnnyder, W.E.** An investigation of the Synoptic situations associated with major wildland fires 8-61499
- Broten, N.W., Oka, T., Avery, L.W., MacLeod, J.M., Kroto, H.W.** The detection of HC₉N in interstellar space 8-93370
- Broten, N.W.** *see* Andrew, B.H. 8-65671
- Brothers, E.W., Block, R.J.** SEM studies of light and dark etch pits in copper 8-87679
- Brotherton, S.D., Bicknell, J.** The electron capture cross section and energy level of the gold acceptor center in silicon 8-51926
- Brotz, W., Schonbuecher, A.** Heat and mass transfer in pool flames 8-94677
- Brotz, W., Schonbuecher, A., Lucas, R.** Interferometric synchronous photography for investigation of turbulent processes in tank flames 8-51255
- Brouckere, L.De** *see* De Brouckere, L.
- Broude, C.** Stopping powers from a utilitarian point of view 8-70725
- Broude, V.L., Maksimov, A.A., Tartakovskii, I.I.** Resonance Raman scattering of light in anthracene crystals 8-52504
- Broudy, R.M., Reine, M.B.** Advances in HgCdTe infrared focal plane technology 8-77987
- Broudy, R.M.** *see* Reine, M.B. 8-77989
- Brouers, F.** Temperature dependence of electrical resistivity in highly resistive alloys 8-91657
- Brouers, F.** *see* Moran-Lopez, J.L. 8-95511
- Brough, I.** *see* Entwistle, K.M. 8-60690
- Broughton, J.Q., Perry, D.L.** Electron binding energies in the study of adsorption by photoelectron spectroscopy: The reference level problem 8-63936
- Broughton, J.Q., Woodcock, L.V.** A molecular dynamics study of surface melting 8-75807
- Broughton, R** *see* Green, D. 8-53551
- Broughton, R.** *see* Sherif, O. 8-53557
- Brouha, M.** *see* Beekmans, N.M. 8-95286
- Broulik, B.M., Hess, G.B.** Characteristics of a superfluid fountain pump 8-59987
- Brousse, R.** *see* Maury, R.C. 8-96203
- Brousseau, A.T.** *see* Nunally, W.C. 8-54943
- Brousseau, B.** *see* Frandon, J. 8-80440
- Brousseau, M.** *see* Maaref, H. 8-76535
- Brousseau, N.** *see* Boivin, A. 8-58888
- Brousseau, R.** *see* Vanier, J. 8-58968
- Brouwer, A.** *see* Scholtens, B.B. 8-79803
- Brouwer, G.F., Podzimek, O.** Halfshade analyzer 8-54434
- Brouwers, J.J.H.** On compressible flow in a gas centrifuge and its effect on the maximum separative power 8-70644
- Brouwers, J.J.H.** On con pressible flow in a rotating cylinder 8-71345
- Broverman, A.Y., Pierce, G.F., Bailey, J.M.** Back biasing for the ISX Tokamak 8-71560
- Broverman, A.Y.** *see* Barber, G.C. 8-62613
- Browder, J.S.** *see* Ballard, S.S. 8-55416
- Brower, D.** *see* Gentle, K. 8-54984
- Brower, D.F.** *see* Hutchins, S.H. 8-54957
- Brower, D.F.** *see* Wildi, P. 8-50354
- Brower, K.L.** Structural and trapping characteristics of a new Al defect in vitreous silica 8-91951
- Brower, N.G., Mayer, W.G.** Noncollinear three-phonon interaction in an isotropic plate 8-66970
- Brower, R.C., Furman, M.A., Moshe, M.** Critical exponents for the Reggeon quantum spin model 8-62338
- Brower, R.W., Remme, W.J., ten Katen, J.H., v.d. Brand, M.** Quantification of the atrial pacing stress test: normal values and limits between normal and abnormal for coronary artery disease in man 8-85449
- Brower, W.S.** *see* Minor, D.B. 8-79585
- Browman, A.** *see* Bebek, C.J. 8-66128
- Brown, A.** NAC's comments on the transport policy White Paper 8-55512
- Brown, A.** Relative importance of viscous dissipation and pressure stress effects on laminar free convection 8-63428
- Brown, A.F.** Ultrasonic spectroscopy in non-destructive testing 8-76805
- Brown, A.F.** *see* Tucker, M.O. 8-68839
- Brown, A.M., Graham, J., Saunders, K.G., Surman, P.L.** The protection of 9% chromium steels using vapour-deposited silica coatings 8-88563
- Brown, A.M., Tuley, F.H., Jr.** Quantitative aspects of the light response and its kinetics in an Aplysia giant neuron 8-53381
- Brown, A.M.** *see* Aikaki, N. 8-77041
- Brown, B.A., Chung, W., Wildenthal, B.H.** Empirical renormalization of the one-body Gamow-Teller β -decay matrix elements in the 1s-0d shell 8-66248
- Brown, B.A., Hausser, O., Faestermann, T., Ward, D., Andrews, H.R., Horn, D.** Search for parity mixing in the ⁹³Tc 17/2 isomer: measurements of partial γ -decay widths 8-93936
- Brown, B.A., Warner, R.A., Young, L.E., Bernthal, F.M.** Search for parity mixing in the ⁹³Tc 17/2 isomer: measurements of internal conversion coefficients 8-78255
- Brown, B.A.** *see* Decowski, P. 8-74362
- Brown, B.C.** *see* Yoh, J.K. 8-82344
- Brown, B.L.** *see* Mills, A.P., Jr. 8-95079
- Brown, B.M.** *see* Farber, D.B. 8-64997
- Brown, B.R.** *see* Konishi, S. 8-68327
- Brown, B.S., Birtcher, R.C., Kampwirth, R.T., Blewitt, T.H.** Resistivity and T_c measurements in low temperature irradiated Nb₃Sn and Nb₃Ge 8-52123
- Brown, B.S., Blewitt, T.H., Scott, T.L., Wozniak, D.G.** Critical-current changes in neutron-irradiated Nb₃Sn as a function of irradiation temperature and initial metallurgy 8-80109
- Brown, C.** *see* Derrett, C.J. 8-53743
- Brown, C.E.** *see* Warren, S. 8-53457
- Brown, C.H., Beecher, M.D., Moody, D.B., Stebbins, W.C.** Localization of pure tones by Old World monkeys 8-65038
- Brown, C.M., Ginter, M.L.** Absorption spectrum of Au I between 1300 and 1900 Å 8-62751
- Brown, C.M., Ginter, M.L.** Absorption spectrum of Ba I between 1770 and 1560 Å 8-66487
- Brown, C.N.** Recent results on massive lepton pairs and the Upsilon family 8-78368
- Brown, C.N.** *see* Bebek, C.J. 8-66128
- Brown, C.N.** *see* Vidal, R. 8-89877
- Brown, C.N.** *see* Yoh, J.K. 8-82344
- Brown, C.O.** *see* Ball, W.C. 8-55380
- Brown, C.P.** *see* Mateja, J.F. 8-78266
- Brown, D.D.** Pilot-lamp controller stabilizes crystal oven 8-54374
- Brown, D.L., Meade, D.M.** The PDX island study 8-62646
- Brown, D.K., McMeeking, R.M.** A finite element analysis of a circumferentially notched tensile specimen 8-67150
- Brown, D.K., Nowik, I., Paul, D.I.** A Mossbauer study of ferromagnetic domain orientation in amorphous Fe₇₅P₁₅C₁₀ foils 8-52402
- Brown, D.L.** *see* Whaley, P.W. 8-83323
- Brown, D.R.** *see* Moss, J.M. 8-93962
- Brown, D.R.** *see* Youngblood, D.H. 8-50183
- Brown, E.H., Hall, F.F., Jr.** Advances in atmospheric acoustics 8-73493
- Brown, E.H., Little, C.G., Wright, W.M.** Echo-sonde interferometer for atmospheric research 8-57347
- Brown, E.R., Carter, S.L., Kelly, H.P.** Photoionization cross section of chlorine I 8-62771
- Brown, F., Howes, I.D.** N.D.T. methods and equipment for the quality fabrication shop 8-56871
- Brown, F.C., Bachrach, R.Z., Lien, N.** The SSRL ultrahigh vacuum grazing incidence monochromator: design considerations and operating experience 8-62269
- Brown, F.C.** *see* Bachrach, R.Z. 8-62955
- Brown, F.C.** *see* Bianconi, A. 8-74711
- Brown, F.C.** *see* Petersen, H. 8-94257
- Brown, F.G., Gilland, J., Hassig, R.** Pioneer-Venus large probe infrared radiometer (LIR) optical system 8-61715
- Brown, F.G., Gilland, J., Hassig, R., Boese, R.W.** Pioneer-Venus large probe infrared radiometer (LIR) optical system 8-81543
- Brown, F.H., Shuey, R.T., Croes, M.K.** Magnetotragraphy of the Shungura and Usno formations, southwestern Ethiopia: new data and comprehensive reanalysis 8-85470
- Brown, G.** Toning down a noisy valve 8-50999
- Brown, G.C., Hennessy, J.** The initiation and thermal diversity of granite magmatism 8-65240
- Brown, G.E.** Chiral symmetry and the nucleon-nucleon interaction 8-66048
- Brown, G.E.** *see* Bedell, K. 8-84156
- Brown, G.J.** *see* Martin, J.G. 8-58469
- Brown, G.L.** The presence of a Taylor-Gortler instability in turbulent shear flows and in boundary layer transition 8-90836
- Brown, G.M.** Improved techniques for mechanical measurements in time-varying magnetic fields 8-54946
- Brown, G.M., File, J.** Some results from the PLT 3 coil test 8-54945
- Brown, G.M., Heitzenroeder, P.J., Jr.** PDX PF power tests 8-50384
- Brown, G.M.** *see* Rogoff, P. 8-55011
- Brown, G.S.** *see* Eisenberger, P. 8-68989
- Brown, G.S.** *see* Meixner, A.E. 8-52606, 8-92155
- Brown, H.A.** The Bethe-Peierls-Weiss approximation for amorphous magnets 8-76263
- Brown, H.A.** *see* Jursich, M. 8-76213
- Brown, H.B.** *see* Bleha, W.P. 8-83102
- Brown, H.R.** *see* Bandyopadhyay, S. 8-68834
- Brown, I.D.** *see* Faggiani, R. 8-59790
- Brown, I.D.** *see* Natarajan, M. 8-76443
- Brown, I.G., Kunkel, W.B., Levine, M.A.** Tormac reactor considerations 8-58402

- Brown, I.G.**, Wetton, R.E., Richardson, M.J., Savill, N.G. Glass transition and thermodynamic state of densified polymeric glasses 8-75819
- Brown, J.C.**, Canfield, R.C., Robertson, M.N. H α profiles from electron-heated solar flares 8-77541
- Brown, J.C.**, McLean, I.S., Emslie, A.G. Polarisation by Thomson scattering in optically thin stellar envelopes II. Binary and multiple star envelopes and the determination of binary inclinations 8-81655
- Brown, J.C.** see Babcock, R.V. 8-50815
- Brown, J.C.** see Emslie, A.G. 8-61845
- Brown, J.C.** see McLean, I.S. 8-96484
- Brown, J.M.**, Kaise, M., Kerr, C.M.L., Milton, D.J. A determination of fundamental Zeeman parameters for the OH radical 8-86896
- Brown, J.M.**, Kopp, I., Malmberg, C., Rydh, B. An analysis of hyperfine interactions in the electronic spectrum of AlF 8-50538
- Brown, J.M.**, Nahorski, Z.T., Woodcock, J.P., Morris, S.J. Transfer-function modelling of arteries [from US flowmeter data] 8-61225
- Brown, J.M.** see Barnes, C.E. 8-90193
- Brown, J.M.** see Takle, E.S. 8-92928
- Brown, J.N.** A simple low-cost critical point dryer with continuous flow dehydration attachment [for electron microscopy] 8-53595
- Brown, J.S.** Non-adiabaticity in palladium hydride and deuteride 8-55916
- Brown, J.S.**, Lopez-Escobar, A.H.M., Todd, J.R. Some resonance model calculations of electrical resistivity in molten titanium 8-84189
- Brown, K.G.**, Person, W.B. Infrared spectrum of benzene isolated in argon and krypton matrices 8-50548
- Brown, K.H.**, Montillier, J.P. Equilibrium constants for charge transfer complexes between TNF and various carbazoly [compounds [for photoconductors] 8-64877
- Brown, K.W.** see Arajs, S. 8-64206, 8-85010
- Brown, K.W.** see Barish, B. 8-89750
- Brown, K.W.** see Barish, B.C. 8-62386, 8-89699
- Brown, K.W.** see Merritt, F.S. 8-66104
- Brown, L.H.** see Larsen, R.D. 8-65126
- Brown, L.M.** The idea of the neutrino 8-89288
- Brown, L.M.** see Auvil, P.R. 8-62019
- Brown, L.M.** see Kwadjo, R. 8-64552
- Brown, L.R.** see Hunt, R.H. 8-58687
- Brown, L.S.** Forces giving no orbit precession 8-86057
- Brown, L.S.**, Carlitz, R.D., Creamer, D.B., Lee, C. Propagation functions in pseudoparticle fields 8-54556
- Brown, L.S.** see Basham, C.L. 8-66045
- Brown, L.W.**, Feibelman, W.A., Hobbs, R.W., McCracken, C.W. The spectrum of HM Sagittae: a planetary nebula excited by a Wolf-Rayet star 8-54003
- Brown, L.W.** see Abbas, M.M. 8-61494
- Brown, L.W.** see Hobbs, R.W. 8-93439
- Brown, L.W.** see Snyder, L.E. 8-93256
- Brown, M.A.**, Bulleid, C.E. The effect of tilt and surface damage on practical capacitance displacement transducers [interferometric technique] 8-54356
- Brown, M.B.** see Overington, I. 8-50722
- Brown, M.W.** Torsional stresses in tubular specimens 8-63298
- Brown, N.J.** Notes on optical coating removal 8-75005
- Brown, N.J.**, Silver, D.M. Reactive and inelastic scattering of H₂+D₂ using a repulsive model potential energy surface 8-66620
- Brown, N.J.G.** see Elliott, A.T. 8-92700
- Brown, O.M.** Theoretical models of chemisorption on metals 8-84071
- Brown, P.B.**, Malhotra, L. A 60-Hz harmonic eliminator [for biomedical signals] 8-77124
- Brown, P.E.**, Essene, E.J., Kelly, W.C. Sphalerite geobarometry in the Balmat-Edwards district, New York 8-65261
- Brown, P.J.**, Ziebeck, K.R.A. The magnetisation distribution and band structure in the metallic phase of vanadium dioxide 8-76223
- Brown, P.J.** see Delapalme, A. 8-52203
- Brown, P.J.** see Radhakrishna, P. 8-76289
- Brown, P.R.** see Ponter, A.R.S. 8-63317
- Brown, R.A.** Scattering phaseshifts and resonances for line defects 8-51953
- Brown, R.A.** Dislocation scattering and de Haas-van Alphen amplitudes 8-63967
- Brown, R.A.** Bound-state-induced scattering resonances at dislocations 8-76019
- Brown, R.A.** Similarity parameters from first-order closure and data 8-92893
- Brown, R.A.** Measurements of S II optical emission from the thermal plasma of Jupiter 8-93146
- Brown, R.A.**, Goody, R.M. The persistence and size of thermal anomalies on Venus 8-85876
- Brown, R.A.**, Hughes, H.G. Directional VLF sferics from the Union City, Oklahoma, tornadic storm 8-85639
- Brown, R.B.**, Powers, D. Precision ion beam energy measurement of a Van de Graaff accelerator using a generating voltmeter 8-58508
- Brown, R.B.** see Chau, E.K.L. 8-63537
- Brown, R.C.** see Bugg, D.V. 8-70396
- Brown, R.C.** see Onel, Y. 8-82339
- Brown, R.C.** see Waters, G. 8-82599
- Brown, R.D.** Deuterium in the Galaxy 8-69883
- Brown, R.D.** see Cornwell, K. 8-90653
- Brown, R.D.** see Witte, N.S. 8-69901
- Brown, R.E.** see Colpa, J.P. 8-66482
- Brown, R.H.** see Borchelt, J.G. 8-53061
- Brown, R.J.C.** see Korppi-Tommola, J. 8-80335
- Brown, R.K.**, Johnson, P.L., Lynch, T.J., Williams, J.M. Structural studies of precursor and partially oxidized conducting complexes. XIV. An X-ray diffraction investigation of one-dimensional potassium tetracyanoplatinate bifluoride trihydrate 8-63711
- Brown, R.L.** Superconducting coil fabrication development at Oak Ridge National Laboratory 8-50370
- Brown, R.L.** Structural evolution of the southeast Canadian Cordillera: a new hypothesis 8-88808
- Brown, R.L.** see Lockman, F.J. 8-54000
- Brown, R.M.**, Clark, A.G., Davies, J.K., de Pagter, J., Evans, W.M., Gray, R.G., Groves, E.S., Ott, R.J., Shah, T.P., Shave, A.J., Thresher, J.J., Tyrrell, M.W. Polarisation measurements in π^+p charge exchange scattering from 617 MeV/c to 2267 MeV/c 8-82231
- Brown, R.M.** see Raynor, G.S. 8-85647
- Brown, R.R.** On the poleward expansion of ionospheric absorption regions triggered by sudden commencements of geomagnetic storms 8-57403
- Brown, R.R.** On sudden commencement absorption events at the south pole and their relation to the latitude of the lower cleft boundary 8-77437
- Brown, R.T.**, Nighan, W.L. Instability onset in electron-beam-sustained KrF* laser discharges 8-63065
- Brown, R.W.**, Allgaier, R.S. Variable-range hopping in evaporated annealed films of the amorphous chalcogenides GeTe and SnTe 8-80077
- Brown, S.** see Sullivan, W.T., III 8-57474
- Brown, S.D.** see Avigdor, D. 8-64750
- Brown, S.E.** see Ballard, S.S. 8-55416
- Brown, S.J.**, Jr., Haizlip, L.D., Nielsen, J.M., Reed, S.E. Analytical and experimental stress analysis of a cylinder-to-cylinder structure 8-59308
- Brown, S.M.**, Niedzielski, J., Spalding, G.R. Effect of sound-absorptive facings on partition airborne-sound transmission loss 8-79166
- Brown, S.M.**, Steckler, K.D. A method of assessing the precision of reverberation-room sound-absorption measurements 8-59210
- Brown, S.N.**, Stewartson, K. On thermal convection in a large box 8-59399
- Brown, S.N.**, Stewartson, K. The evolution of the critical layer of a Rossby wave. II 8-79329
- Brown, S.N.**, Stewartson, K. The evolution of a small inviscid disturbance to a marginally unstable stratified shear flow; stage two 8-83453
- Brown, T.**, Tobin, A. Development of large insulator rings for the Tokamak Fusion Test Reactor 8-55022
- Brown, T.** see Goldston, R.J. 8-62643
- Brown, T.** see Hsieh, S.Y. 8-54925
- Brown, T.J.** see Davidson, J.A. 8-88628, 8-88629
- Brown, T.M.** Reconstruction of turbulence-degraded images using nonredundant aperture arrays 8-93122
- Brown, T.M.** Performance of image-plane sharpness criteria in image reconstruction 8-93123
- Brown, T.M.**, Stebbins, R.T., Hill, H.A. Long-period oscillations of the apparent solar diameter: observations 8-89138
- Brown, T.R.**, Ugurbil, K., Shulman, R.G. ³¹P nuclear magnetic resonance measurements of ATPase kinetics in aerobic Escherichia coli cells 8-77022
- Brown, T.R.** see Cohen, S.M. 8-61150
- Brown, V.R.**, Madsen, V.A. Extension of core polarization in inelastic scattering to include charge-exchange reactions 8-78359
- Brown, W.D.** C-V characteristics of metal-titanium dioxide-silicon capacitors 8-60208
- Brown, W.D.**, Grannemann, W.W. Current-voltage characteristics of metal-titanium dioxide-silicon structures 8-80063
- Brown, W.D.** see Joh, D.Y. 8-52098
- Brown, W.E.**, Jr. see Shemdin, O.H. 8-77248
- Brown, W.J.**, Randall, M.G. An alternative to vendor-supplied service [of radiographic equipment] 8-69247
- Brown, W.K.** A model of the formation of elliptical galaxies 8-69868
- Brown, W.L.** see Chen, H.S. 8-55983
- Brown, W.S.**, Beardsley, R.C. Winter circulation in the Western Gulf of Maine. I. Cooling and water mass formation 8-92832
- Brown, W.S.** see Lass, N.J. 8-65053
- Brown, W.T.**, Chen, P.J. On the nature of the electric field and the resulting voltage in axially loaded ferroelectric ceramics 8-72468
- Brown, W.W.** Wetland mapping in New Jersey and New York 8-77265
- Browne, G.C.**, Meadows, A.J. Light and dark spots in the equatorial regions of Jupiter 8-57493
- Browne, J.C.** see Green, T.A. 8-78633
- Browne, J.C.** see Stelts, M. 8-78373
- Brownell, D.H.**, Jr., Garg, S.K., Pritchett, J.W. Governing equations for geothermal reservoirs 8-61379
- Brownell, G.L.** see Subramanyam, R. 8-65108
- Brownell, P.** see Branton, M.D. 8-69040
- Browner, R.F.** see Novak, J.W., Jr. 8-74061
- Browning, D.G.** see Mellen, R.H. 8-63231
- Browning, D.G.** see Nysen, P.A. 8-65322
- Browning, D.N.** see Hampton, B.F. 8-87554
- Browning, K.A.** Meteorological applications of radar 8-77371
- Browning, K.A.** see James, P.K. 8-88894
- Browning, T.L.**, Lewis, M.F. A new class of quartz crystal oscillator controlled by surface-skimming bulk waves 8-59250
- Brownlee, D.E.** Microparticle studies by sampling techniques 8-57459
- Brownlee, R.R.**, Neff, P.H., Tyers, G.F.O. Advances in ventricular synchronous demand cardiac pacemakers 8-77152
- Brownlee, R.R.**, Tyers, G.F.O., Neff, P.H., Hughes, H.C. New interference sensing demand pacemaker functions 8-57123
- Brownstein, K.R.** Reply to 'Comment on: "variational principle for Poisson's equation for an impurity ion in a medium with spatially variable dielectric constant"' 8-60085
- Brownstein, S.** see Bornais, J. 8-65949
- Brownzin, B.S.** Regulatory research in structural design and analysis of nuclear power plants 8-94048
- Broyer, M.**, Vigue, J., Lehmann, J.C. Effective hyperfine Hamiltonian in homonuclear diatomic molecules. Application to the B state of molecular iodine 8-58598
- Brozowska-Warczak, B.**, Gabla, L., Pedrys, R., Szymonski, M., Warczak, A. Bombardment-induced photon emission from GaAs as a function of target temperature 8-72612
- Brozel, M.** see Gledhill, G.A. 8-75776
- Brozel, M.R.**, Newman, R.C. A low-symmetry interstitial boron centre in irradiated gallium arsenide 8-79605
- Brozel, M.R.**, Newman, R.C., Astles, M.G. Vibrational modes of silicon in indium phosphide 8-55922
- Brozel, M.R.**, Newman, R.C., Butler, J., Ritson, A., Stirling, D.J., Whitehead, C. Electrical compensation in semi-insulating gallium arsenide 8-56104
- Brozel, M.R.**, Newman, R.C., Clegg, J.B. Carbon, oxygen and silicon impurities in gallium arsenide 8-59832
- Bru, L.** see Llopis, J. 8-56525
- Brual, G.**, Jr., Rothstein, S.M. Rare gas interactions using an improved statistical method 8-86931
- Bruandet, J.F.** see Tsan Ung Chan 8-74313
- Brubakk, A.O.**, Aaslid, R. Use of a model for simulating individual aortic dynamics in man 8-80903
- Brublevskaia, T.V.** see Gavrilo, G.N. 8-51388
- Bruce, A.D.**, Cowley, R.A. The theory of structurally incommensurate systems 8-79729
- Bruce, A.D.**, Cowley, R.A. The theory of structurally incommensurate systems. III. The fluctuation spectrum of incommensurate phases 8-91419
- Bruce, A.D.**, Cowley, R.A., Murray, A.F. The theory of structurally incommensurate systems. II. Commensurate-incommensurate phase transitions 8-91418
- Bruce, A.D.** see Cowley, R.A. 8-91417
- Bruce, C.W.** see White, K.O. 8-92973
- Bruce, J.P.** New directions in hydrometeorology 8-96240
- Bruce, L.A.**, Jaeger, H. Geometric factors in FCC and BCC metal-on-metal epitaxy. II. Deposits of Ni, Cu, Au and Ag on (001) W 8-60041
- Bruce, L.L.** see Loop, M.S. 8-69076
- Bruch, J.C.**, Jr., Sloss, J.M. A variational inequality method applied to free surface seepage from a triangular ditch 8-81251
- Bruch, L.W.** Two-dimensional many-body problem. I. The low-density hard-disk Bose gas 8-95195
- Bruch, L.W.**, Corcoran, C.T., Weinhold, F. On the dipole moment of three identical spherical atoms 8-62946
- Bruch, R.** see Bisgaard, P. 8-50525
- Brucher, H.** Contributions to the risk evaluation of a high-level waste solidification plant 8-50273
- Bruchle, W.** see Schadel, M. 8-78408

- Bruchmann, D.** *see* Ibach, H. 8-95223
- Bruchmuller, H.-G.** The liquid-crystal cell as an acousto-optical transducer 8-79179
- Bruck, M.,** Bruckmuller, R. Emission model for resonance radiation from a Duoplasmatron discharge 8-67477
- Bruck, M.T.** A study of the wind and eastern halo of the Small Magellanic Cloud 8-86011
- Bruck, M.T.** Star clusters in the Small Magellanic Cloud 8-89086
- Bruck, M.T.,** Marsoglu, A. The stellar content of the north-east outer arm and halo of the Small Magellanic Cloud 8-86013
- Bruck, S.D.** Some current problems and new dimensions of polymeric biomaterials for blood-contacting applications 8-85423
- Brucker, C.F.** *see* Rhodin, T.N. 8-84050
- Bruckman, A.** *see* Biegun, T. 8-64775
- Bruckmuller, R.** *see* Bruck, M. 8-67477
- Bruckner, R.** *see* Augath, W. 8-88792
- Bruckner, W.,** Moldenhauer, W. Resistivity-temperature characteristic and thermal switching 8-64071
- Bruckner, W.,** Moldenhauer, W., Opperman, H. Conductivity transitions in (Ga+Mo)-doped VO₂ 8-76121
- Bruckner, W.** *see* Nagamiya, S. 8-54790
- Bruckner, W.** *see* Ritschel, M. 8-59823
- Bruckner, W.** *see* Snyder, J.H. 8-89738
- Brudkowska, B.,** Kubala, S., Szota, K. Studies on the thermal resistance of some selected solventless electroinsulating varnishes 8-84014
- Brudnyi, V.N.** *see* Azikov, B.S. 8-84287
- Brudzewski, K.** *see* Ord, J.L. 8-92394
- Brueck, S.R.J.,** Osgood, R.M., Jr. Vibrational energy relaxation and exchange in liquid N₂-CO-OCS mixtures 8-70905
- Brueck, S.R.J.** *see* Kidal, B. 8-59087
- Brueckner, G.E.** *see* Bartoe, J.-D.F. 8-93184
- Brueker, H.,** Burkert, V., Ehse, E., Hillen, W., Knop, G., Kolanoski, H., Leenen, M., Nietzel, Ch., Rosenberg, M., Samel, A., Sauerwein, R. Determination of R=σ/α, from η-electroproduction at the S₁₁(1535) resonance 8-50038
- Bruenger, F.W.** *see* Lloyd, R.D. 8-96095
- Brues, A.M.** *see* Rowland, R.E. 8-96075
- Bruesch, P.,** Beyeler, H.U., Buhrer, W. Dynamical aspects of Ag-based superheated conductors 8-79695
- Bruesch, P.** *see* Buhrer, W. 8-67786
- Bruesselbach, H.W.** *see* Hon, D.T. 8-59090
- Bruet, A.S.** Anomalous Senftleben effect 8-71415
- Brüge, G.** *see* Couvert, P. 8-78383
- Bruggen, C.F.** *see* van Bruggen, C.F.
- Bruggen, C.F.** *see* van Bruggen, C.F.
- Brugger, R.M.** *see* Taub, H. 8-78770
- Brugger, W.,** Milner, M. Computer-aided tracking of body motions using a c.c.d.-image sensor 8-61269
- Bruh, S.,** Wagner, M. Cooperative Jahn-Teller systems of T nature: electron-phonon excitation branches 8-63823
- Bruhn, A.,** Meyer-Waarden, K. The development of a common structure for filters, correlators and Fourier analysers 8-88748
- Bruhn, C.G.,** Bentz, B.L., Harrison, W.W. Simplified solids mass spectrometer combining a glow discharge source with a quadrupole mass filter 8-61075
- Bruhns, O.,** Mielniczuk, J. Bifurcation of equilibrium under non-isothermal elastic-plastic deformations 8-79220
- Bruhweiler, F.C.** *see* Bernat, A.P. 8-73739
- Bruil, V.P.** *see* Denisjuk, Yu.N. 8-82921
- Bruijn, A.de** *see* de Bruin, A.
- Bruin, H.J.de** *see* de Bruin, H.J.
- Brük, Yu.G.** *see* Ginzburg, S.K. 8-52866
- Brama, C.** *see* Grosu, D. 8-67552
- Brumbach, S.B.,** Perry, R.B. Autoradiograph techniques for rapid inventory of reactor fuel 8-82066
- Brumer, P.** *see* Fitz, D.E. 8-92464
- Brumme, G.** Laser-induced gas breakdown 8-87472
- Brummer, O.,** Hoche, H.-R., Nieber, J. Some remarks on extremely asymmetric X-ray diffraction in the Laue case of grazing incidence 8-51392
- Brummer, O.** *see* Berndt, K. 8-52625
- Brun, A.** *see* Meyer, P. 8-68384
- Brun, C.Le** *see* Le Brun, C.
- Brun, G.** *see* Flandrois, S. 8-64032
- Brun, J.P.** *see* Quinquis, H. 8-53652
- Brun, M.,** Martinie, B., Quinson, J.-F., Eyraud, C. Liquid-solid-solid phase transformations of a substance condensed in porous materials. Application to carbon tetrachloride allotropic transformation 8-83944
- Brun, P.,** Oddou, C., Kulas, A., Laurent, F. Small computer development of echographic information related to left ventricle and mitral valve in diastole 8-80939
- Brun, T.O.** *see* Shapiro, S.M. 8-91398
- Brundle, C.R.** *see* Fuggle, J.C. 8-84702
- Brundle, C.R.** *see* Ginsberg, A.P. 8-70745
- Brundrett, E.** *see* Depooter, K. 8-79397
- Brune, D.C.** *see* Fajer, J. 8-77004
- Brune, J.** *see* Priestley, K. 8-73336
- Brune, W.H.,** Feldman, P.D., Anderson, R.C., Fastie, W.G., Henry, R.C. Midlatitude oxygen ultraviolet nightglow 8-81482
- Bruneel, C.,** Bridoux, E., Delannoy, B., Nongailard, B., Rouvaen, J.M., Torguet, R. Effect of spatial sampling on an acoustical image reconstruction 8-51021
- Bruneel, C.** *see* Bridoux, E. 8-51022
- Bruneel, C.** *see* Rouvaen, J.M. 8-63920
- Brunel-Laugt, M.,** Durif, A., Guilet, J.C. Crystal structure of Cu₄(PO₄)₂O 8-55854
- Brunelli, B.,** Coppi, B. High current density approach for a fusion device 8-54874
- Brunet, A.,** Faure, F., Gousset, G., Ricard, A. Production of copper vapour with a hollow cathode arc 8-86981
- Brunet, H.** *see* Millet, P. 8-78653
- Brunet, J.-C.,** Hauviller, C. A titanium high pressure gas target 8-70671
- Brunet, M.,** Williams, C. Defects in chiral smectic C liquid crystals. I. Periodical lattice of pairs of lines induced by planar anchoring 8-94978
- Brunet, S.** *see* Dejardin, J.L. 8-63872
- Bruneteau, J.,** Fabro, R., Fabre, E. Effect of low ionization potential additives on self-sustained CO₂ laser discharge 8-71616
- Brunetti, B.,** Pirani, F., Vecchiocattivi, F., Luzzatti, E. Absolute total cross sections for elastic scattering of Ne by Ar, Kr, and Xe: characterization of long range interactions 8-58768
- Brunetti, L.,** Di Vita, P., Rossi, U. A new formulation of the characteristic equation of a graded-index optical fibre 8-50901
- Brunetti, L.,** Di Vita, P., Rossi, U. A new formulation of the characteristic equation for a graded profile optical fibre 8-83080
- Brunn, P.** Interaction of spheres in a viscoelastic fluid 8-63455
- Brunn, W.** *see* Noffke, J. 8-52055
- Brunne, M.,** Zielinski, A. Simplified theory of a multipass CW gasdynamic laser cavity 8-63140
- Brunne, M.** *see* Milewski, J. 8-63053
- Brunnee, C.,** Kappus, G., Rache, H., Seiler, E.U., Windel, B. A computerized mass spectrometer for isotopic analyses of solids 8-78026
- Brunnengraber, H.,** Dust, P. Measuring methods in balancing techniques 8-86261
- Brunner, F.,** Proch, D. The selective dissociation of SF₆ in an intense IR field: A molecular beam study on the influence of laser wavelength and energy 8-73065
- Brunner, F.K.** On the refraction coefficient of microwaves 8-69398
- Brunner, G.** Townsend coefficients of gases in avalanche counters 8-78582
- Brunner, G.** *see* Nagel, M. 8-93968
- Brunner, G.O.** Teaching the (crystallographic) point groups 8-77650
- Brunner, H.,** Huerlimann, T. The emergency organization of the Federal Institute for Reactor Research 8-55047
- Brunner, H.,** Winiger, P. The Swiss Emergency Organization for nuclear and chemical accidents 8-57078
- Brunner, H.J.** *see* Curtis, B.J. 8-76786
- Brunner, J.,** Thuler, M. Angular dependence of X-ray photoelectron spectra of Au, Ag and Cu single crystals 8-72679
- Brunner, P.** *see* Fruh, R. 8-50408
- Brunner, T.A.,** Driver, R.D., Smith, N., Pritchard, D.E. Simple scaling law for rotational-energy transfer in Na₂⁺-Xe collisions 8-90272
- Brunner, T.A.** *see* Smith, N. 8-92442
- Brunner, W.,** Klose, E., Paul, H., Semchishen, V.A. Mode competition effects in CW dye lasers 8-50791
- Brunner, W.,** Volk, G., Windsch, W., Kurkin, I.N., Shlenkin, V.I. Electron spin-lattice relaxation in Mn²⁺-doped ferroelectric TSCC 8-80208
- Bruno, E.** *see* Chiari, G. 8-63700
- Bruno, G.** *see* Eastman, M.P. 8-73020
- Bruno, M.,** D'Agostino, M., Lombardi, M. Preparation of solid deuterated polystyrene targets 8-82554
- Bruno, R.C.** *see* Meservy, R. 8-68120
- Brunol, J.,** de Beaucoudrey, N., Fonroget, J., Lowenthal, S. Three-dimensional imagery in gamma-ray 8-57067
- Brunol, J.,** Fonroget, J. Sequential method for high 3-D resolution imaging in nuclear medicine 8-53489
- Bruns, A.V.,** Grechko, G.M., Gubarjev, A.A., Klimuk, P.I., Sevastjanov, V.I., Severny, A.B., Steshenko, N.V. Orbiting solar telescope on 'Salyut-4' station 8-53783
- Bruns, D.G.** *see* Crawford, R.K. 8-84580
- Bruns, L.E.** *see* Untermyer, S. 8-58505
- Bruns, M.** *see* Stieve, H. 8-69055
- Bruns, R.E.,** Bassi, A.B.M.S. G-intensity sum rule applications: XY₂ molecules 8-74632
- Bruns, R.E.** *see* de Barros Neto, B. 8-74703
- Bruns, T.** *see* Plafker, G. 8-88804
- Brunsch, A.** *see* Schneider, J. 8-64231
- Brunson, R.J.** *see* Wellek, R.M. 8-80727
- Brunsveld Van Hulten, H.W.** *see* De Loor, G.P. 8-77245
- Brunt, E.E.** *see* Van Brunt, E.E., Jr.
- Brunt, J.N.H.** *see* Jureta, J. 8-70936
- Brunt, R.J.** *see* Van Brunt, R.J.
- Brunton, G.,** Forrest, D., Griller, D., Ingold, K.U., Reddoch, A.H. Line intensity ratios in electron spin resonance spectra. A remarkable change accompanying saturation 8-90192
- Brus, L.E.** *see* Goodman, J. 8-90203, 8-94233
- Brusati, M.,** Davis, S.L., Hosea, J.C., Strachan, J.D., Suckewer, S. Ion energy balance in Ohmically heated PLT discharges 8-79469
- Brusa, A.** *see* Bonamini, R. 8-57110
- Bruscaglioni, P.,** Ismaelli, A. Doubly-scattered-radiation contribution to lidar returns from fog, evaluated by means of a simple geometrical approach 8-77326
- Bruscaglioni, R.,** Lotti, F. Optical design using a desk or pocket calculator 8-71181
- Bruschi, M.,** Levi, D., Ragnisco, O. Evolution equations associated to the triangular-matrix Schrödinger problem solvable by the inverse spectral transform 8-70007
- Bruschi, M.** *see* Ahmed, S. 8-57772, 8-57773
- Brusentsova, R.M.** *see* Zakhvatikhata, K.V. 8-53079
- Brush, S.G.** A geologist among astronomers: The rise and fall of the Chamberlin-Moulton cosmogony. II 8-86104
- Bruskov, V.M.,** Koldaev, B.I., Ozhev, K.Kh. Adjustment mechanism for interference mirror 8-59109
- Brussaard, G.,** Watson, P.A. Annual and annual-worst-month statistics of fading on Earth satellite paths at 11.5 GHz 8-57238
- Brussaard, P.J.** *see* Timmer, G.A. 8-93970
- Brussaard, P.J.** *see* Zalm, P.C. 8-82281
- Brussat, T.R.,** Chiu, S.T. Fatigue crack growth of bondline cracks in structural bonded joints 8-92346
- Brusé, L.A.** *see* Franck, J.V. 8-66395
- Brusset, H.,** Quy Dao, N., Knidiri, M. Infrared absorption and Raman scattering spectroscopy study of solid ions. II. Infrared absorption and Raman scattering spectra of the complexes M₄(UO₂)₂F₈·2H₂O (M=Rb, Cs) and normal coordinate analysis of the ion (UO₂)₂F₈⁴⁻ 8-52509
- Bruston, P.** *see* Vidal-Madjar, A. 8-93352
- Brut, F.,** Jang, S. Shape-mixing in A-27 nuclei 8-86472
- Brut, F.,** Mankoc-Borstnik, N., Jang, S. A study of even-parity states of the nuclei ¹⁹F, ²¹Ne and ²³Na with the generator coordinate method and with mixing of projected Hartree-Fock determinants in comparison with complete diagonalization 8-89796
- Bرتون, J.E.** *see* Bukata, R.P. 8-96244
- Brutsaert, W.** *see* Chen-Kun Liu, C. 8-81247
- Bruyn, J.De** *see* De Bruyn, J.
- Bruynooghe, W.,** Jacques, L. Study of the secondary ionization processes in krypton discharges 8-59711
- Bruzás, S.,** Grigonis, A., Pranyavicius, L. Interaction of oxygen gas-discharge plasma with the surface of silicon 8-83840
- Bruzás, S.** *see* Grigonis, A. 8-64441
- Bruzek, A.,** Durrant, C.J. (editor) Illustrated glossary for solar and solar-terrestrial physics 8-57537
- Bruzual, G.A.** *see* Kormendy, J. 8-93409
- Bruzzese, R.,** Ceresara, S., Pasotti, G., Ricci, M.V., Sacchetti, N., Spadoni, M. Experimental results on Nb₃Al multifilamentary wires 8-64175
- Bruzzi, L.** A direct-reading inertial balance [teaching] 8-86081
- Bruzzzone, G.,** Franceschi, E., Merlo, F. M₂X₃ intermediate phases formed by Ca, Sr and Ba 8-83793
- Bruzzzone, S.** *see* Kaveh, M. 8-65143
- Bryan, J.K.** *see* Gupta, V.N. 8-69113
- Bryan, K.,** Ripa, P. The vertical structure of North Pacific temperature anomalies 8-73394
- Bryan, M.L.** *see* Campbell, W.J. 8-81173
- Bryan, R.,** Clark, R.B., Verwest, B. Unique isospin-zero phase shift solution for nucleon-nucleon scattering near 325 MeV 8-50044
- Bryan, R.,** Clark, R.B., Verwest, B. Effect of recent neutron-proton D-transfer measurements on phase-shift analysis near 325 MeV 8-82294
- Bryant, D.A.** *see* McEwen, D.J. 8-88969
- Bryant, D.L.** *see* Auchterlonie, L.J. 8-81949
- Bryant, G.W.,** Mahan, G.D. Atoms in jellium 8-56543
- Bryant, P.J.** Permanent wave structures on an open two layer fluid 8-59411
- Bryant, P.J.** Oblique instability of periodic waves in shallow water 8-63418
- Bryant, P.J.** *see* Appel, E. 8-58513

- Bryant, R.H.** The solution of fixed-free rods under a class of loads 8-67047
- Bryant, R.W.** *see* Heinrich, J.P. 8-50391
- Bryant, R.W.** *see* Quay, R. 8-50390
- Bryant Moodie, T.,** Haddow, J.B. Dispersive effects in wave propagation in thin-walled elastic tubes 8-87289
- Bryantsev, V.F.** Investigation of round-the-world signals in the equatorial zone of the Atlantic 8-69585
- Bryantsev, V.F.** *see* Benediktov, Ye.A. 8-69574
- Bryantsev, V.Ya.,** Sergeev, V.V., Krasnova, I.V. Effect of chemical treatment upon the magnetic properties of Sm-Co alloy powders and sintered magnets 8-60311
- Bryce, A.** *see* Nicol, A.A. 8-94550
- Brydges, D.,** Federbush, P. A lower bound for the mass of a random Gaussian lattice 8-89409
- Brykin, M.V.** Numerical methods for solution of radiative-convective heat transfer problems. Radiative boundary layer 8-94577
- Brykin, M.V.** *see* Biberman, L.M. 8-87251, 8-94736
- Brykina, I.G.** A method for successive approximations for integration of hypersonic viscous shock-layer equations 8-59421
- Bryksin, I.E.** *see* Kheifets, L.Ya. 8-56930
- Brylev, I.S.,** Kalinin, Yu.K., Kolosov, A.A., Kuz'minskii, F.A., Ruchkin, A.D., Shustov, E.I. Diffraction trapping of short radio waves by the ionospheric waveguide and its characteristics obtained by means of geophysical rockets 8-53772
- Brylina, L.V.** *see* Zatspein, A.F. 8-67656
- Brylov, V.M.** *see* Aleksandrov, A.L. 8-86256
- Bryman, D.,** Picciotto, C. Double beta decay 8-58256
- Bryngdahl, O.** Half-tone images: spatial resolution and tone reproduction 8-63016
- Bryngdahl, O.,** Wai-Hon Lee On light distribution in optical waveguides 8-63181
- Brynza, A.P.** *see* Kornilov, I.I. 8-56822
- Brysk, H.** *see* Gitomir, S.J. 8-63581
- Bryskiewicz, T.** Peltier-induced growth kinetics of liquid phase epitaxial GaAs 8-64485
- Bryskina, I.V.,** Deryagin, V.N., Marasin, L.E., Popov, Yu.V. Effect of the temporal characteristics of semiconductor laser on the accuracy of a distance measurement by means of a pulsed-phase phototachometer in which it is used 8-70097
- Bryson, R.A.,** Starr, T.B. Chandler tides in the atmosphere 8-69413
- Bryukhanov, A.A.,** Ivanii, V.S., Vasylyv, V.I., Moroz, I.A. Recrystallization texture and anisotropy of the properties of cold rolled α titanium 8-52846
- Bryukhanova, L.S.** *see* Polukarova, Z.M. 8-56736
- Bryzgalov, V.V.** *see* Ajinenko, I.V. 8-58206
- Bryzhina, M.F.,** Esayan, S.Kh. Anisotropic acoustooptic deflector with optically active uniaxial crystals 8-66928
- Brzezowska, J.** SCF treatment of higher excited states of atoms. Transition probabilities between excited states of Si II 8-82658
- Brzhozovskii, B.M.,** Bondarev, V.V., Ignat'ev, A.A. Laser radiation modulator based on a diffraction grating 8-87080
- Brzokio, J.S.,** Zukowski, E., Grudzinski, J., Konarzewski, A., Wojewodzka, A. Discharge generation in gas at the dielectric surface 8-67562
- Brzokio, J.S.,** Konarzewski, A., Wojewodzka, A., Grudzinski, J., Zukowski, E., Zukowski, W. Relation between charge transport and photon intensity accompanying the creep discharge 8-67561
- Brzostowska, M.,** Milkowska, M., Kalinowski, A., Minc, S. A system for differential capacitance measurements with the potentiostatic method 8-85169
- Brzozka, G.,** Godziszewski, J. Optimal planning of the measurement of medium loss with time 8-93642
- Brzozowski, J.,** Erman, P., Lyrra, M. Precision estimates of the predissociation rates of the OH A² Σ state ($v \leq 2$) 8-62864
- Bschorr, O.** Calculation of tidal phenomena using acoustic and vibration techniques 8-69366
- Buat-Menard, P.,** Arnold, M. The heavy metal chemistry of atmospheric particulate matter emitted by Mount Etna volcano 8-61491
- Bube, R.H.** Photovoltaic effects in II-VI heterojunctions 8-52076
- Bube, R.H.** *see* Aranovich, J. 8-68100
- Bube, R.H.** *see* Ming-Jong Tsai 8-72288
- Bube, R.H.** *see* Yin, S.-Y. 8-60196
- Bubeck, C.,** Sixl, H., Wolf, H.C. ESR of the low temperature photoproducts in a diacetylene single crystal 8-85175
- Bubenik, D.M.** *see* Mayaud, P.N. 8-89008
- Bubla, R.** Technical standardisation of vacuum techniques in the CSSR, CMEA and ISO 8-65940
- Bublichenko, N.V.** *see* Umrikhina, A.V. 8-76994
- Bublik, B.N.,** Nevidomskii, A.I. Synthesis of optimum boundary control for heat conduction equation 8-55544
- Bublik, V.T.,** Blaut-Blachev, A.N., Karataev, V.V., Mil'vidskii, M.G., Perova, L.N., Stolyarov, O.G., Yugova, T.G. The nature of intrinsic point defects in indium arsenide, and their influence on the electro-physical properties of single crystals 8-79609
- Bublik, V.T.,** Leikin, V.N. Calculation of the pseudobinary alloy semiconductor phase diagrams 8-52786
- Bubnov, B.M.** On the influence of the Coriolis force field on fluid motion within an ellipsoidal cavity 8-81296
- Bubnov, M.M.** *see* Belovolov, M.I. 8-71224
- Bubnov, V.P.,** Safonov, A.S., Obukhov, G.G. The effect of the relief of high-impedance basis on magnetovariational sounding curves 8-85475
- Bubro, K.K.,** Borts, B.V., Gutnik, G.N., Kravchenko, S.F., Lagutin, B.I., Selivanov, V.P., Chekanov, S.Ya. VUM-10 multipurpose vacuum installation 8-86279
- Bucaro, J.A.,** Dardy, H.D. Sensitivity of the schlieren method for the visualization of low-frequency ultrasonic waves 8-55501
- Bucaro, J.A.** *see* Layton, M.R. 8-90568
- Buccella, F.,** Caruso, L. The two neutral currents of the unified gauge group SU(6) 8-54626
- Buccella, F.,** Lusignoli, M. Unified SU(3)@U(1) gauge theory with different muon and electron neutral currents 8-58152
- Buccheri, R.,** Caraveo, P., D'Amico, N., Hermesen, W., Kanbach, G., Licht, G.G., Masnou, J.L., Wills, R.D., Manchester, R.N., Newton, L.M. Relative phases of radio and gamma-ray pulses from the Vela pulsar 8-85966
- Buccheri, R.,** D'Amico, N., Massaro, E., Scarsi, L. Observability of γ -ray pulsars 8-81646
- Buccheri, R.,** d'Amico, N., Scarsi, L. Non-parametric pulsar analysis in the satellite reference frame for long duration experiments; application to the X-gamma ray synchronization of the pulsar NP 0532 as observed by the COS-B satellite 8-73729
- Bucci, C.,** Guidi, G., De'munari, G.M., Manfredi, M., Podini, P., Tedeschi, R., Crippa, P.R., Vecli, A. Direct evidence for muonium radicals in water solutions 8-74679
- Bucciarelli, T.,** Melacci, P.T., Picardi, G. Experimental optimum processing of electrocardiographic data 8-57118
- Buccino, S.G.** *see* Lueders, D.H. 8-50091
- Bucco, D.** *see* Mazumdar, J. 8-83293
- Buch, A.** The damage sum in fatigue of structure components 8-55589
- Buch, A.** Effect of loading sequence; Normal and reversed sequence effect 8-68791
- Buch, A.** *see* Goldschmidt, S. 8-53173
- Buch, J.,** Balalykin, N.I. Determination of the composition of NbTi films by elastic scattering of ³He 8-76974
- Buch, J.,** Balalykin, N.I., Luby, S. The determination of the chemical composition of superconducting NbTi films and bulk surfaces 8-76973
- Buch, J.,** Valentovic, D. Chemical composition and structure of a cathode-sputtered CdTe thin films 8-84100
- Buch, J.,** Vavra, I. The heat treatment of R/MOS structures 8-76683
- Buch, R.** *see* Wenzel, U. 8-92587
- Buchachenko, A.L.,** Kozhukhar, A.Yu., Prokhorov, A.D., Tsitsadze, G.A., Chernysh, L.F. Pressure induced magnetic ordering of an organic radical 8-88120
- Buchachenko, A.L.** *see* Zhuravlev, A.G. 8-78985
- Buchal, C.,** Hanssen, J., Mueller, R.M., Pobell, F. Platinum wire NMR thermometer for ultralow temperatures 8-89478
- Buchal, C.** *see* Mueller, R.M. 8-54377
- Buchan, K.L.,** Berger, G.W., McWilliams, M.O., York, D., Dunlop, D.J. Thermal overprinting of natural remanent magnetization and K/Ar ages in metamorphic rocks 8-65278
- Buchanan, C.H.** Energy storage for Tokamak reactor cycles 8-62661
- Buchanan, D.J.** The propagation of attenuated SH channel waves 8-69292
- Buchanan, D.N.E.** *see* Wertheim, G.K. 8-60055
- Buchanan, J.D.,** Armstrong, D.A. The radiolysis of glyceraldehyde-3-phosphate dehydrogenase 8-77000
- Buchanan, J.D.,** Power, D.M., Phillips, G.O., Davies, J.V. Interaction of aminoacridines with nucleic acids. A pulse-radiolysis study 8-85186
- Buchandt, B.** Oxygen isotope palaeotemperatures from the Tertiary period in the North Sea area 8-88903
- Buchau, J.** *see* Aarons, J. 8-77404
- Buchbinder, G.** *see* Leblanc, G. 8-61337
- Buchdahl, H.A.** The field equations generated by the square of the scalar curvature: solutions of Kasner type 8-54256
- Buchdahl, H.A.** Kepler problem and Maxwell fish-eye 8-81733
- Buchel, L.A.,** Delain, E., Bouteille, M. Electron microscope fluoro-autoradiography: improvement of efficiency 8-65162
- Buchel'nikov, V.D.,** Gurevich, V.A., Monosov, Ya.V., Shavrov, V.G. Influence of applied stresses on the domain structure of multiaxial ferromagnetics 8-76267
- Buchelnikova, N.S.,** Matochkin, E.P. The instability of high amplitude Langmuir wave 8-75325
- Buchenau, U.** *see* Zinken, A. 8-75759
- Bucher, E.** *see* Honigschmid, J. 8-68102
- Bucher, E.** *see* Jayaraman, A. 8-95317
- Bucher, K.M.** *see* Wolf, P. 8-50416
- Bucherl, E.S.** *see* Clevert, H.-D. 8-88763
- Bucherl, E.S.** *see* Rennekamp, F. 8-81065
- Bucherl, E.S.** *see* Unger, V. 8-81064
- Buchheim, W.,** Welsch, U. Freeze-etching of unglycerinated tissue dispersions by application of the oil emulsion technique 8-53594
- Buchheit, R.D.** *see* Jaske, C.E. 8-92359
- Buchholz, D.** Scattering of massless particles and the Huyghen's principle in quantum theory 8-70017
- Buchholz, D.** *see* Barish, B.C. 8-62386, 8-89699
- Buchholz, D.** *see* Merritt, F.S. 8-66104
- Buchholz, J.C.** Solid-liquid interface characterization by photoelectrochemical measurement of optical absorption 8-85171
- Buchholz, J.C.** Sorption of oxygen and water by cobalt phthalocyanine 8-91531
- Buchi, R.,** Clerc, J.T., Jost, Ch., Koenitzer, H., Wegmann, D. Compilation of computer-readable spectra libraries: General concepts 8-64894
- Buchi, R.A.,** Hormozdiari, I., Nigam, B.P. Momentum transfer components for one-particle inclusive distribution 8-89754
- Buchmann, R.,** Falke, H., Jablonski, H.P., Waser, E.F. Mean-free-path effects in the resistivity of AuFe thin-film spin-glasses 8-80163
- Buchner, A.R.,** Kemnitz, H.D. The influence of short range order on the yield stress of Fe-Si alloys 8-52932
- Buchner, K.** *see* Kunzmann, G. 8-54399
- Buchner, S.P.** *see* Sun, T.S. 8-95227
- Buchroeder, H.** *see* Hartel, G. 8-71576
- Buchroeder, R.A.** Hunt aberration generator 8-59119
- Buchsbaum, G.** *see* Goldstein, J.L. 8-57014
- Buchsbaum, M.S.** *see* Coppola, R. 8-61159
- Buchwald, J.S.** *see* Huang, C.-M. 8-61192
- Buchwald, M.I.** *see* Bushnell, A.H. 8-58995
- Buck, B.** Clustering in light nuclei 8-54706
- Buck, H.M.** *see* Van Dommelen, M.E. 8-74680
- Buck, O.,** Morris, W.L., Richardson, J.M. Acoustic harmonic generation at unbonded interfaces and fatigue cracks 8-90562
- Buck, R.M.** *see* West, H.I., Jr. 8-96353, 8-96354
- Buck, R.P.** Ion selective electrodes 8-85165
- Buck, U.,** Huysken, F., Pauly, H., Schleusener, J. Intermolecular potentials by the inversion of differential cross sections. V. ArKr 8-66619
- Buck, U.,** Huysken, F., Schleusener, J. Diffraction oscillations in rotationally inelastic differential cross sections: HD+D₂ 8-74743
- Buck, U.** *see* Gerber, R.B. 8-70896
- Buckel, G.,** Kufner, K., Stehle, B. Benchmark calculations for a sodium-cooled breeder reactor by two- and three-dimensional diffusion methods. II 8-74432
- Buckel, W.** *see* Heim, G. 8-52135
- Buckel, W.** *see* Nowak, H.-J. 8-95391
- Bucker, H.P.** High-resolution cross-sensor beam-forming for a uniform line array 8-50988
- Bucker, H.P.** Beamforming a towed line array of unknown shape 8-63230
- Buckhart, J.A.** *see* Gabriel, G.J. 8-50371
- Buckingham, A.D.,** Clarke, K.L. Long-range effects of molecular interactions on the polarizability of atoms 8-78824
- Buckingham, A.D.,** Szabo, A. Determination of derivatives of the polarizability anisotropy in a diatomic molecule from relative Raman intensities 8-55177
- Buckingham, A.D.,** Tabisz, G.C. Collision-induced rotational Raman scattering by tetrahedral and octahedral molecules 8-86874
- Buckingham, A.D.** *see* Clarke, K.L. 8-86778
- Buckius, R.O.,** Tseng, M.M. Radiative heat transfer in a planar medium with anisotropic scattering and directional boundaries 8-90679
- Buckle, D.C.** *see* Jolly, R.K. 8-56941
- Buckler, M.J.,** Miller, C.M. Atlanta Fiber System Experiment: Optical crosslink evaluation for two end-to-end lightguide system installations 8-90502
- Buckler, M.J.,** Santana, M.R., Saunders, M.J. Atlanta Fiber System Experiment: Lightguide cable manufacture and performance 8-90533

- Buckley, C.J.** *see* Feldtman, R.W. 8-57121
- Buckley, D.H.** Auger spectroscopy analysis in adhesion, friction and wear studies 8-53179
- Buckley, D.H.** The use of analytical surface tools in the fundamental study of wear 8-64718
- Buckley, D.H.** Friction and transfer behavior of pyrolytic boron nitride in contact with various metals 8-88535
- Buckley, N.W.** *see* Griffin, A.C. 8-51414
- Buckley, P.G.** *see* Burdett, J.K. 8-92492
- Buckley, R.** Close-approach minor planets 8-61785
- Buckley, R.** Pulsar magnetospheres with parallel electric fields. I 8-65643
- Buckley, R.G.**, Trodahl, H.J. Far infrared absorption of a-Ge and a-Ge-Ga alloys 8-88306
- Buckley, T.** *see* Martin, D.M. 8-77169
- Buckley, W.M.** *see* Dupzyk, R.J. 8-70670
- Bucklisch, R.**, Plumbdich, D. Knight shift in liquid zinc and its temperature dependence 8-80232
- Buckman, S.J.** *see* Teubner, P.J.O. 8-74761
- Bucknall, C.B.**, Yoshii, T. Relationship between structure and mechanical properties in rubber-toughened epoxy resins 8-52901
- Bucknall, C.B.** *see* Andrews, E.H. 8-92361
- Buckner, M.R.** The JEREMIAH environmental computational system 8-94150
- Bucko, N.J.** *see* Brilingas, A. 8-64335
- Bucurescu, D.** *see* Ivascu, M. 8-66199
- Buczko, C.M.**, Borbely, A. A simple method for the determination of the average neutron flux for absorbing samples 8-73112
- Buczko, M.** *see* Sudar, S. 8-51746
- Budaev, V.S.** Uniqueness of solution of external elasticity theory problems of oscillations of anisotropic media 8-7293
- Budagov, A.S.**, Takhtadzhyan, L.A. A nonlinear one-dimensional model of classical field theory with internal degrees of freedom 8-49684
- Budagov, Yu.A.** *see* Amaglobeli, N.S. 8-54652
- Budagov, Yu.A.** *see* Bairamov, A.A. 8-78422
- Budak, M.** The change of elastic constants of sodium chlorate single crystals by gamma radiation 8-63800
- Budanov, N.P.** *see* Antipov, Yu.M. 8-62581
- Budanova, I.G.** *see* Samsonov, G.V. 8-52703
- Budayev, V.S.** Propagation of vibrations from a point pulse source in elastic anisotropic half-space 8-57174
- Budberg, P.B.** *see* Molokanov, V.V. 8-83959
- Buddha Addepalli, V.** *see* Rama Chary, C. 8-70829
- Buddhabadana, S.** *see* Jonscher, A.K. 8-92021
- Budding, E.** *see* Edalat, M.T. 8-96507
- Budenholzer, F.E.**, Gislason, E.A. Classical differential cross sections for anisotropic potentials 8-66627
- Budnikov, G.A.**, Volegov, Yu.V., Cherepkova, N.G., Guntina, T.A. Dispersion relation for interference waves in a three-layered medium 8-72980
- Budnikov, G.A.**, Volegov, Yu.V., Pepelyaev, V.A., Red'ko, V.I. Inspecting the strength of glued joints with ultrasonic interference waves 8-72960
- Budenayna, L.D.** *see* Mityagin, Yu.A. 8-67788
- Buder, R.** *see* Ahmed, S. 8-51895
- Buder, R.** *see* Massenett, O. 8-52233
- Budevski, E.** *see* Staikov, G. 8-68636
- Budginas, S.Yu.** *see* Kasparaitis, A.Yu. 8-77880
- Budic, R.**, Gotay, M.J., Gowdy, R.H. Existence of instantaneous Cauchy surfaces 8-65832
- Budic, R.**, Isenberg, J., Lindblom, L., Yasskin, P.B. On the determination of Cauchy surfaces from intrinsic properties 8-70023
- Budilova, E.V.** *see* Gutman, E.M. 8-60905
- Budin, J.-P.**, Neubauer, M., Rondot, M. Miniature Nd-pentaphosphate laser with bonded mirrors side pumped with low-current-density LEDs 8-87058
- Budinger, T.F.**, Derenzo, S.E., Greenberg, W.L., Gullberg, G.T., Huesman, R.H. Quantitative potentials of dynamic emission computed tomography 8-77105
- Budinger, T.F.** *see* Tsui, E. 8-73222
- Budker, G.I.** Electronic cooling 8-86712
- Budker, G.I.**, Kulipanov, G.N., Mishnev, S.I., Protopopov, I.Ya., Skrinisky, A.N., Tumaikin, G.M., Shatunov, Yu.M. Storage rings VEPP-2M, VEPP-3 and VEPP-4 as the sources of the synchrotron radiation 8-62667
- Budker, G.I.**, Villeval'd, G.S., Karasyuk, V.N., Sil'vestrov, G.I. 'Explosion' parabolic lenses with magnetic fields of 0.3-1 MOe 8-66739
- Budkin, L.A.**, Boldin, V.G., Pikhitelev, A.I. Atom-ray tube with laser pump and indication 8-74801
- Bud'ko, N.I.**, Ryabov, B.S. Transformation of an electron wave into an ion wave in a multi-component plasma during quasilongitudinal propagation 8-73572
- Budnev, V.M.**, Kaloshin, A.E., Serebryakov, V.V. Background process accompanying observation of p'(1100) in DESY 8-89722
- Budnick, J.I.**, Muir, W.B., Niculescu, V., Raj, K. Electron transport in $\text{Fe}_{3-x}\text{Si}_{1-x}$ 8-91669
- Budnick, J.I.** *see* Niculescu, V. 8-76241
- Budnick, J.I.** *see* Raj, K. 8-68409
- Budnik, A.P.**, Svin'in, I.R. Fluctuation E2 radiation of heated spherical nuclei 8-78306
- Budnikov, V.A.**, Volarovich, M.P., Fayzullin, I.S. Velocities of elastic longitudinal waves during nonelastic deformations of rock specimens 8-61402
- Budnikov, V.N.**, Varfolomeev, V.I., Novik, K.M., Piliya, A.D., Rozhdestvenskii, V.V. Experimental observation of amplified scattering of electromagnetic waves by a plasma in the presence of a singular point 8-79439
- Budniok, A.** *see* Bojarski, Z. 8-91552
- Budny, R.**, Hagiwara, T. Deep-inelastic neutral-current cross sections 8-66074
- Budny, R.S.** *see* Keffer, J.F. 8-91040
- Budtz-Jorgensen, C.**, Knitter, H.-H. A fission chamber with intrinsic suppression of alpha background 8-78581
- Budurov, S.**, Bojinov, V., Russev, K. On the kinetics of cellular precipitation in FCC nickel-indium alloys 8-52823
- Budurov, S.**, Wassilew, G. The thermodynamics of β - and γ -intermetallic compounds of nickel-zinc and cobalt-zinc systems 8-92242
- Budurov, S.I.**, Basilev, G.P. Kinetics of continuous precipitation in the nickel-zinc α -phase 8-76652
- Budurov, S.J.**, Kovachev, P.D. Multiphase diffusion in iron-zinc alloys 8-79822
- Budurov, S.J.**, Kovatchev, P.D., Nenov, D.I. The ferrite-austenite phase boundaries in the iron-zinc phase diagram 8-80510
- Budurov, S.J.** *see* Roussev, K.A. 8-80538
- Budyak, A.A.** Convergence of an approximate method for solving streamline flow problems with separation 8-75117
- Budyanski, V.I.** *see* Ostapenko, S.S. 8-88343
- Budzanowski, A.**, Baur, G., Alderliesten, C., Bojowald, J., Mayer-Boricek, C., Oelert, W., Turek, P., Rosel, F., Trautmann, D. Observation of the α -particle breakup process at $E_{\alpha}^{\text{lab}} = 172.5$ MeV 8-82363
- Budzanowski, A.**, Dabrowski, H., Freindl, L., Grotowski, K., Micek, S., Planeta, R., Strzalkowski, A., Bosman, M., Leleux, P., Macq, P., Meulders, J.P., Pirart, C. Elastic and inelastic scattering of alpha particles on ^{58}Ni and ^{60}Ni in a broad range of energy and angle 8-66289
- Budzanowski, A.** *see* Majka, Z. 8-82366
- Budzinski, E.E.**, Box, H.C. Deuteration effects in irradiated inositol 8-73067
- Budzinski, E.E.** *see* Box, H.C. 8-88646, 8-95938
- Budz'ko, V.K.** Turn of micrometer screw on ZTL-180 from observations of declination arc 8-89067
- Budz'ko, V.K.** *see* Popov, N.A. 8-89068
- Budzynski, M.** *see* Alikov, B.A. 8-82562
- Bueger, J.de** *see* de Bueger, J.
- Buehler, E.** Simple pressurized chambers for liquid encapsulated Czochralski crystal growth 8-64459
- Buenerd, M.**, Lebrun, D., Chauvin, J., Gailard, Y., Loiseaux, J.M., Martin, P., Perrin, G., de Saintignon, P. Heavy-ion inelastic scattering to giant resonances 8-62564
- Buenerd, M.** *see* Duhamel, G. 8-93928
- Buenerd, M.** *see* Gelbke, C.K. 8-74399
- Buenerd, M.** *see* Olmer, C. 8-82379
- Buenerd, M.** *see* Willis, A. 8-50184
- Buenker, R.J.** *see* Peric, M. 8-62791
- Buenker, R.J.** *see* Preuss, R. 8-82635
- Buenker, R.J.** *see* Richtartz, A. 8-70810
- Buenker, R.J.** *see* Shih, S.K. 8-50478
- Buenker, R.J.** *see* Thunemann, K.-H. 8-74584
- Bueno de Mesquita, A.E.** *see* Koenderink, J.J. 8-69069, 8-69070, 8-69071, 8-69072
- Bues, M.** *see* Gebel, C. 8-87368
- Buess, M.L.**, Petersen, G.L. Acoustic ringing effects in pulsed nuclear magnetic resonance probes 8-86313
- Buevich, Yu.A.** Effect of a phase transition on heat and mass transfer in dispersed flows 8-67252
- Buevich, Yu.A.**, Kazenin, D.A. Limit problems on heat or mass transfer to a cylinder and sphere submerged in an infiltrable granular layer 8-94536
- Buevich, Yu.A.** *see* Borodulya, V.A. 8-59261, 8-59472
- Buevoz, J.L.** *see* Barbara, B. 8-84395
- Buevoz, J.L.** *see* Nagele, W. 8-84390
- Buevoz, J.L.** *see* Roulit, G. 8-49852
- Buevoz, J.L.** *see* Wintenberg, M. 8-91846
- Buffett, R.F.** *see* Yonkosky, D. 8-80926
- Buffham, B.A.** Mean residence times in steady-flow and some non-flow systems 8-83357
- Buffington, A.**, Orth, C.D., Mast, T.S. Relativistic Be⁺: a probe of cosmic-ray acceleration? 8-81512
- Bugaenko, L.T.** *see* Raukhvarger, A.E. 8-92095
- Bugaenko, V.L.**, Byakov, V.M., Grafutin, V.I., Koldaeva, O.V., Minaichev, E.V. Mechanism of positronium formation in liquid hydrocarbons and electrons solvation 8-70980
- Bugaev, A.S.**, Gulyaev, Y.V. Generation of high-frequency electromagnetic and acoustic oscillations in a semiconductor in low-frequency electric field 8-64068
- Bugaev, S.P.**, Koshelev, V.I., Medvedev, A.F., Nikitin, M.M. Arc gap with magnetic-field arc displacement 8-87513
- Bugaev, V.N.** Theory of interstitial ordering in the alloys with hexagonal close-packed crystal lattice 8-79610
- Bugai, A.A.**, Vikhin, V.S., Kustov, V.E., Maksimenko, V.M., Krulikovskii, B.K. Spin-lattice relaxation of a Jahn-Teller Cr⁰ center in Si 8-72402
- Bugajski, M.**, Gawronska, E., Petryk, J., Szymanski, L. Effect of the crystal quality of the substrate on luminescent properties of GaAs:Si and GaAs:Ge liquid phase epitaxial layers 8-52583
- Bugakov, A.V.** *see* Ievlev, V.M. 8-67927
- Buganenko, L.T.** *see* Raukhvarger, A.E. 8-80384
- Bugbee, B.E.** *see* Roy, P. 8-58337
- Bugeat, J.P.** *see* Chami, A.C. 8-67733
- Buger, P.A.** *see* Schilling, J.H. 8-73101
- Buget, U.** Electronic conduction in $p^{+}n^{+}$ reach-through structures 8-64103
- Bugg, D.V.**, Edgington, J., Amsler, C., Brown, R.C., Oram, C.J., Shakarchi, K., Stewart, N.M., Ludgate, G.A., Clough, A.S., Axen, D., Jaccard, S., Vavra, J. Proton-proton elastic scattering from 150 to 515 MeV 8-70396
- Bugg, D.V.** *see* Amsler, C. 8-70397
- Bugg, D.V.** *see* Waters, G. 8-82599
- Buggisch, H.** An example of waves in materials having time dependent internal degrees of freedom: Pressure waves in an elastic gas filled tube 8-87295
- Bugorsky, A.P.** *see* Asratyan, A.E. 8-62389
- Bugrij, A.I.**, Chikovani, Z.E., Kobylinsky, N.A. Proton-proton interaction in a dual model 8-89686
- Bugrim, E.D.**, Makrenko, S.N., Tsikora, I.L. Temperature dependence of the efficiency of the deactivation of the B⁺ $\pi(\sigma_u)$ state of iodine and bromine molecules excited by an He-Ne laser 8-70869
- Bugrov, V.N.**, Kamanin, V.V., Karamyan, S.A., Tret'yakova, S.P. Measurement of time duration of $^{238}\text{U}(^{27}\text{Al}, f)$ reaction 8-86563
- Bugrov, V.N.** *see* Apostolesku, S. 8-86562
- Bugrova, A.I.**, Daniliya, I.A., Ermolenko, V.A., Kalikhman, L.E. Electron temperature in the plasma stream from a Hall accelerator 8-79475
- Buhay, H.**, Sokoloff, J.B., Perry, C.H. Librational modes in partially disordered NH₄Br below its 235K disorder-order phase transition temperature 8-72500
- Buhay, H.**, Sokoloff, J.B., Perry, C.H. Librational modes in partially disordered NH₄Br below its 235K disorder-order phase transition temperature 8-79680
- Buhay, H.** *see* Perry, C.H. 8-79721
- Buhl, D.** *see* Abbas, M.M. 8-61494
- Buhl, D.** *see* Mumma, M.J. 8-61606
- Buhl, D.** *see* Snyder, L.E. 8-93256
- Buhler, H.**, Jankowski, W. Influence of electrode metal and stress relieving temperature on the residual welding stresses in high-strength quenched and tempered fine-grained steel 8-72793
- Buhler, H.**, Jankowski, W. Residual stress field in centrally welded plates of water-quenched and tempered steel StE70 and influence of the weld length and plate thickness on the residual welding stresses 8-72794
- Buhler, K.** *see* Oertel, H., Jr. 8-87419
- Buhler-Vidal, J.O.** *see* Durelli, A.J. 8-59307
- Buhling, D.** Colour valencies of vanadium dioxide interference films as functions of layer thickness below and above the phase change temperature 8-56533
- Buhr, R.** *see* Keating, P. 8-57023
- Buhrer, W.** Temperature dependence of the (110)T phonon branch in Ag—a first-shell \rightarrow zeroth-shell transition? 8-71808
- Buhrer, W.**, Nicklow, R.M., Bruesch, P. Lattice dynamics of β -(silver iodide) by neutron scattering 8-67786
- Buhrer, W.** *see* Bruesch, P. 8-79695
- Buhrig, E.** *see* Pietzsch, C. 8-60560
- Buhrig, E.** *see* Ziegler, E. 8-76077
- Buhring, R.** *see* Berger, Ch. 8-62412
- Buhrman, R.A.** *see* Craighead, H.G. 8-56528, 8-72622
- Buhrman, R.A.** *see* Pramanik, D. 8-56464
- Bui, H.D.** Stress and crack-displacement intensity factors in elastodynamics 8-67112
- Bui Huy Duong** *see* Huy Duong Bui
- Bui Van Shang, Zorii, V.I.**, Kovaichuk, N.G. A digital thermometer 8-65926

- Bui-Quoc, T.**, Biron, A. Comparison of low-cycle fatigue results with axial and diametral extensometers 8-85062
- Bui-Van, A.**, Martin, I.M. Low energy gamma-rays emitted from Sco X-1 8-57702
- Bui-van, A.**, Martin, I.M. High angular resolution Compton telescope for measuring 0.3-10.0 MeV gamma-rays 8-85847
- Buijs, H.L.** *see* Roney, P.L. 8-88910
- Buikov, M.V.** Analysis of methods for estimation of the cost effectiveness of hail-prevention operations 8-93013
- Builtjes, P.J.H.** Memory effects in turbulent flows 8-79340
- Buimistrov, V.M.**, Trakhtenberg, L.I. Possibility of observing cooperative effects in Raman scattering 8-60449
- Buinov, N.N.** *see* Pushin, V.G. 8-68711
- Buinov, N.N.** *see* Rats, Yu.V. 8-60685
- Buinov, N.N.** *see* Romanova, R.R. 8-76666
- Buinov, N.N.** *see* Vozilkin, V.A. 8-76644
- Buinov, N.S.**, Nagibarov, V.R. Superradiationless phase transition of acoustics and its experimental detection 8-71805
- Buinov, N.S.**, Vlasov, R.A., Kuz'min, V.S., Nagibarov, V.R. Spontaneous coherent responses of many-level systems in states involving a phase transition of the super-radiative type 8-71069
- Buiocchi, C.J.** *see* Abrahams, M.S. 8-51835
- Buis, N.**, Franse, J.J.M., Schinkel, C.J. Magnetic properties of $\text{TiFe}_{1-x}\text{Co}_x$ alloys under high pressure and in high magnetic fields 8-95423
- Buishvili, L.L.**, Kabisov, R.S., Fokina, N.P. Influence of strong saturation of NMR of adjacent nuclei on ESR 8-60356
- Buishvili, L.L.**, Metreveli, I.M. Enhancement of longitudinal paramagnetic susceptibility under inhomogeneous broadening conditions (isolated packets) 8-88169
- Buisseret, P.**, Gary-Bobo, E., Imbert, M. Ocular motility and recovery of orientational properties of visual cortical neurones in dark-reared kittens 8-53396
- Buisson, C.** *see* Cerisier, P. 8-79670
- Buisson, J.P.**, Lefrant, S., Ghomi, M., Taurel, L. First-order Raman off- and on-resonance scattering induced by F centers in CsCl and CsBr 8-92073
- Buisson, J.P.**, Lefrant, S., Ghomi, M., Taurel, L., Chapelle, J.P. Study of phonon-electron interactions of F centers in CsCl, CsBr and CsF by first-order Raman scattering 8-64370
- Buisson, J.P.** *see* Lefrant, S. 8-52492
- Buisson, J.P.** *see* Mulazzi, E. 8-63824
- Buisson, R.**, Chicault, R., Madeore, F., Romestain, R. Anomalous resistive states created by light pulses in superconducting films 8-52157
- Buitenhuys, R.** *see* Louwrier, P.W.F. 8-64862
- Buitrago, R.H.** *see* Schwanebeck, J.C. 8-52669
- Buivid, M.G.**, Sussman, M.V. Superheated liquids containing suspended particles 8-90642
- Buivol, V.N.**, Shevchuk, Yu.P. Interaction between surface tension and gravitation in cavitating flows 8-75178
- Buizza, A.**, Schmid, R., Zanibelli, A., Mira, E. Computer analysis of vestibular nystagmus 8-81036
- Buizza, A.** *see* Schmid, R. 8-80990
- Buizza, A.** *see* Zambarbieri, D. 8-80870
- Buja-Bijunas, L.**, Waddington, J.C. The decay of a four-quasiparticle isomer in ^{176}Ta 8-70481
- Bujarbarua, S.**, Sen, A. Artificial control of equatorial spread-F 8-69602
- Bujnowski, W.** *see* Baranowski, B. 8-51679
- Bujnowski, W.** *see* Jaworski, B. 8-54419
- Bujor, M.** *see* Oberlin, M. 8-64563
- Buka, A.** *see* Bata, L. 8-60392
- Bukach, A.B.**, Granitskii, L.V., Eliseev, V.S., Komissarov, V.N. Intensity microphotometer with step-drives 8-75457
- Bukach, A.B.**, Granitskii, L.V., Komissarov, V.N., Kuvshinov, V.M. Photon-counting magnetograph and polarimeter for measurements of circular polarization in narrow and wide spectral ranges 8-65500
- Bukasev, Yu.A.**, Vekshin, N.V., Ivantsov, V.Ya. The FZD-300 ferromagnetic probe inspection unit for the automatic inspection of welded tubing 8-56860
- Bukata, R.P.**, Bennett, E.B., Bruton, J.E. LANDSAT-1 observation of an internal standing wave pattern in Lake Superior 8-96244
- Bukator, A.E.** The effect of flow velocity on unsteady waves in a non-uniform ice-covered sea 8-65324
- Bukator, A.E.** The effect of surface tension on the development of waves from periodic disturbances in a non-uniform fluid 8-77253
- Bukator, A.E.**, Paramonov, A.N., Smirnov, G.V., Cherkosov, L.V. Some results of analysis of short-period internal waves 8-81196
- Bukharov, M.V.**, Veselkova, V.N., Kolachevskaya, V.V., Kolachevskii, N.N., Shcherbakova, T.I. Magnetic noise of cores in device of the magnetic modulator type with output on the second harmonic 8-60308
- Bukhbinder, I.L.**, Shapiro, M.M. The microscopic theory of nucleation. I 8-67801
- Bukhbinder, I.L.**, Shapiro, M.M. The microscopic theory of nucleation. II 8-67802
- Bukhgalter, V.I.** *see* Brauer, E. 8-63405
- Bukhman, A.B.** Method for determination of color contrast 8-49881
- Bukhonin, Yu.S.**, Ovcharenko, G.M. Suppression of low-frequency noise in the differential reception of the signals of a thermal viewing system 8-82035
- Bukhtoyarova, V.I.**, Tonkov, M.V. Intermolecular interactions in compressed gases from translation absorption spectra. I. Spectral moments of translation bands 8-55218
- Bukhvostov, A.P.**, Lipatov, L.N., Malkov, E.I. High orders of perturbation theory of Yang-Mills model with scalar field 8-62316
- Bukhvostova, L.M.** Optical characteristics of glass-packet specimens with sun-protective filler 8-90469
- Bukhvostova, L.M.** Calculation [of] heat input through windows with solar-protective glazing 8-94415
- Buki, A.Yu.** *see* Polishchuk, V.N. 8-54746
- Buki, A.Yu.** *see* Shevchenko, N.G. 8-78367
- Bukin, G.V.** *see* Benediktov, Ye.A. 8-69574
- Bukker, Yu.M.** *see* Kuznetsov, I.L. 8-59135
- Bukovec, P.**, Kaucic, V. Reinvestigation of the crystal structure of indium trifluoride trihydrate 8-63729
- Bukovitz, A.G.** *see* Gur, D. 8-65127
- Bukowska, J.** Infrared study of anion-solvent hydrogen bonding in formamide electrolyte solutions 8-84558
- Bukreev, V.S.** *see* Balashov, A.A. 8-58073
- Bukreev, V.S.** *see* Balashov, A.A. 8-70204
- Bukreev, Yu.F.** *see* Ivanov, B.N. 8-76977
- Bukrey, R.R.** *see* Brodbeck, C.M. 8-89508
- Bukrinskii, A.M.**, Fuks, R.L. Multiple-element model for investigation by calculation of accidents involving loss of coolant at nuclear power stations 8-66358
- Bukshpan, D.**, Shechter, H., Howik, I. Critical phenomena in RFe_2 ($\text{R}=\text{Tb}$, Dy , Ho and Y) compounds 8-52403
- Bukun, N.G.** *see* Ukse, E.A. 8-59975
- Bukur, D.B.** Analysis of gas flow in fluidized bed reactors 8-83468
- Bukurov, Z.** Comparison of energies needed for unsteady and steady transportation flows in pipes 8-91017
- Bulabois, J.** *see* Courjon, D. 8-78955
- Bulaevskii, L.N.**, Buzdin, A.I., Khomskii, D.I. Spin-Peierls transition in magnetic field 8-84441
- Bulaevskii, L.N.** *see* Buzdin, A.I. 8-72095
- Bulakh, E.G.** On integral ratios for interpretation of local gravitation anomalies 8-85463
- Bulakh, E.G.**, Korchagin, I.N. On one approximation design for modelling sources of gravitation fields 8-85464
- Bulakh, I.E.** *see* Pan, V.M. 8-64168
- Bulanov, S.V.**, Sakai, D.Zh., Syrovatskii, S.I. Stabilising influence of plasma flow on dissipative breaking instability 8-91106
- Bulanov, S.V.**, Sasorov, P.V. Stabilization of the explosive instability in a stationary plasma jet 8-63562
- Bulanov, S.V.**, Sasorov, P.V. Tearing instability of a collisionless plasma current layer 8-71465
- Bulanov, S.V.**, Sasorov, P.V. Tearing of the current layer and reconnection of magnetic field lines 8-91087
- Bulanov, V.V.** Numerical analysis of supersonic flow of an ideal gas in the wake of an axisymmetrical body 8-59420
- Bulanzhe, Yu.D.**, Arnautov, G.P., Kalish, E.N., Stus', Yu.F., Tarasyuk, V.G., Kharnish, G. New determination of the absolute force of gravity at Potsdam 8-69274
- Bulat, I.A.**, Makovetskii, G.I. Phonon spectrum and thermodynamic functions of magnesium 8-55917
- Bulat, L.P.** Effect of a temperature gradient on the electron distribution function in semiconductors 8-72145
- Bulat, S.I.** *see* Nikitin, V.P. 8-56755
- Bulatov, N.N.** *see* Livshits, M.A. 8-53917
- Bulatens, V.G.**, Bogdan, I.Yu. Influence of diurnal meteorological wave S_1 on results of harmonic analysis of 11-year (1930-1941) series of tilt meter observations in Poltava 8-88788
- Bulatens, V.G.** *see* Balenko, V.G. 8-88782
- Bulavin, L.A.**, Ivanitskij, P.G., Maistrenko, A.N., Mel'nichenko, Yu.B., Shimanskiy, Yu.I. Neutron method for studies of ethane transmission near the liquid-vapour critical point 8-79758
- Bulayevskii, L.N.** Susceptibility and Knight shift in one-dimensional disordered spin systems with isotropic antiferromagnet interaction 8-88202
- Bulayevskii, L.N.**, Khomskii, D.I. Commensurability effects and collective excitations in system with charge density waves 8-60074
- Buleon, A.**, Chanzy, H. Single crystals of cellulose II 8-91285
- Buler, P.I.** *see* Esin, O.Yu. 8-88582
- Bulgakov, B.M.**, Bykov, M.M., Ol'khovskiy, I.P. Controlling the radiation pulse repetition frequency of a CO_2 laser with a phototropic shutter 8-50833
- Bulgakov, M.I.**, Borovlev, S.P., Gul'ko, A.D., Dzheparov, F.S., Trostin, S.S. Point defects in LiF generated in (n,γ) -reaction on thermal neutrons 8-60347
- Bulgakov, N.K.** *see* Saruev, G.A. 8-78562
- Bulgakov, N.P.**, Dzhiganshin, G.F., Belous, L.M. Instrument current measurements in a synoptic eddy 8-85590
- Bulgakova, L.V.** *see* Bobrenko, V.M. 8-56859
- Bulina, I.G.**, Karaev, O.A., Kougiya, F.A., Golubkov, A.G. Opaque and steady-state rheological behavior in structured hydrocarbon systems 8-59429
- Bulkin, B.J.**, Brezinsky, K. Vibrational spectra of liquid crystals. XI. Correlation functions obtained from 4-octyloxy, 4'-cyanobiphenyl CN stretching in smectic, nematic, isotropic, and solution phases 8-80325
- Bulkin, B.J.** *see* Krishnan, K. 8-74062
- Bulkin, P.S.**, Dvinin, S.A., Solntzev, G.S. On some peculiarities of plasma decay in noble gases 8-63621
- Bull, C.J.**, Sealy, B.J. Studies of thermally-oxidized GaAs by transmission electron microscopy 8-72036
- Bull, P.A.** *see* Culver, S.J. 8-69378
- Bull, S.R.** *see* Castagno, J.G. 8-82067
- Bull, T.E.** Extended diffusion and 'sticky' collisions 8-86940
- Bulla, W.** Covariant coherent states for quantized systems with nilpotent symmetry group 8-73865
- Bullard, D.B.** *see* Prince, J.L. 8-73553
- Bullard, E.** The disk dynamo 8-93608
- Bulleid, C.E.** *see* Brown, M.A. 8-54356
- Bulmer, B.** *see* Busse, G. 8-78004
- Bullen, M.L.** *see* Thomas, P.H. 8-64838
- Bullen, R.** Sound scattering in an urban street 8-51000
- Bullett, D.W.** Chemical bonding and the dimensionality of NbSe_3 8-75992
- Bullett, D.W.** On the electronic structure of Krogmann salts 8-91636
- Bulloch, C.** Europe's spacelab begins to take shape 8-81519
- Bullock, A.T.**, Cameron, C.G., Reddy, N.K. Electron spin resonance studies of spin-labelled polymers. XIV. End-group mobility of polystyrene as a function of temperature and solvent 8-56368
- Bullock, E.** *see* Schuster, K. 8-85058
- Bullock, F.W.** *see* Erriquez, O. 8-78170
- Bullock, F.W.** *see* Erriquez, O. 8-82195
- Bullock, J.O.** *see* Schauf, C.L. 8-96036
- Bullot, J.**, Cordier, P., Gauthier, M. Electric field quenching of recombination fluorescence in photoionized nonpolar solutions. I. Free electron quantum yield determination 8-92107
- Bullough, R.** *see* Brailsford, A.D. 8-87712
- Bullough, R.** *see* Hayns, M.R. 8-79646
- Bullough, R.K.** Solitons 8-57793
- Bullrich, K.**, Hanel, G. Effects of organic aerosol constituents on extinction and absorption coefficients and liquid water contents of fogs and clouds 8-73465
- Bullrich, K.** *see* Hanel, G. 8-92898
- Bulman, R.A.** The movement of plutonium, americium, and curium through the food chain 8-61264
- Bulmer, B.M.** Heat-transfer measurements in a separated laminar base flow 8-61708
- Bulmer, C.H.** *see* Burns, W.K. 8-74976
- Bulos, B.R.**, Glassman, A.J., Gupta, R., Moe, G.W. Measurement of the lifetimes of the $z^2F_{5/2}$, $z^2D_{3/2}$, $z^4G_{5/2}$, and $y^2D_{3/2}$ states of lanthanum 8-66489
- Bulota, K.** *see* Rushneck, D.R. 8-77460
- Bulovic, V.**, Maksimovic, Z., Krtlj, J., Susic, M. Gamma-spectrometric determination of the burn-up of RA reactor fuel. III. A model of the burn-out process and a method for determination of the burn-up of the fuel 8-50265
- Bulovic, V.**, Maksimovic, Z., Krtlj, J., Susic, M. Gamma-spectrometric determination of the burn-up of RA reactor fuel. IV. Experimental verification of a possibility of the nuclear fuel burn-up determination, using ^{106}Ru , ^{134}Cs and ^{137}Cs as a united burn-up monitor 8-54848
- Bulovic, V.**, Simic, J. Half-life of ^{144}Cs determined by gamma spectrometry 8-93972
- Bultynck, H.** *see* Fieuw, G. 8-53527
- Bultynck, H.** *see* Kretzschmar, J.G. 8-81462

- Bulyarskii, S.V.**, Kudintseva, G.A. Mechanism of current flow in Au-CdIn₂S₃ surface-barrier diodes 8-56228
- Bulychev, S.I.** see Alekhin, V.P. 8-95863
- Bulyshv, A.E.**, Preobrazhenskii, N.G. Reconstruction of the distribution function of a plasma microfield from the H_β line profile 8-71539
- Bulyshv, A.E.**, Preobrazhenskii, N.G., Suvorov, A.E., Yakovlev, V.I. Electron density in front of a shock in argon 8-67217
- Bulyshv, A.E.**, Preobrazhenskii, N.G., Suvorov, A.E. Retrieval of fundamental distribution functions for hydrogen plasma from spectroscopic data 8-74606
- Bulyzhenkov, I.E.**, Ivlev, B.I. Formation of inhomogeneity in non-equilibrium superconductors 8-52150
- Bumarskova, N.A.**, Lobova, V.M., Raikhel's, E.I. Influence of mechanical treatment on structural perfection of alkali-halide single crystals 8-95819
- Bunacu, D.**, Florescu, V., Fluerașu, D. Relativistic effects on some K- and L₁-subshells internal conversion coefficients for a screened Coulomb potential 8-66245
- Bunatian, G.G.** On the quasi-discrete states in the complex potential 8-86194
- Bunazarov, D.B.** see Pugacheva, T.S. 8-55900
- Bunce, G.**, Handler, R., March, R., Martin, P., Pondrom, L., Sheaff, M., Heller, K., Overseth, O.E., Skubic, P., Devlin, T., Edelman, B., Edwards, R.T., Schachinger, L., Yamin, S.P. New measurement of the Λ helicity in the decay $\Xi^0 \rightarrow \Lambda \pi^0$ 8-93878
- Bunce, G.** see Edwards, R.T. 8-82393
- Bunce, G.** see Heller, K. 8-82253
- Bunce, L.J.** see Boland, B.C. 8-86721
- Bunce, L.J.** see Mildner, D.F.R. 8-70666
- Bunch, J.E.** see Bursey, J.T. 8-80799
- Bunch, J.M.**, Hoffman, J.G., Zeltmann, A.H. On the nature of features seen by TEM in fast neutron irradiated Al₂O₃ 8-51591
- Bunch, J.N.** see Allison, W.W.M. 8-70696
- Bunch, P.C.**, Hamilton, J.F., Sanderson, G.K., Simmons, A.H. A free response approach to the measurement and characterization of radiographic observer performance 8-69200
- Bunch, T.S.**, Davies, P.C.W. Non-conformal renormalised stress tensors in Robertson-Walker space-times 8-65852
- Bund, G.W.** see Brinati, J.R. 8-93985
- Bunde, A.** see Lam, L. 8-59924, 8-79809
- Bundule, M.F.** see Khitrova, V. 8-79906
- Bundy, D.H.** see Eckert, J.A. 8-69523
- Bundy, F.P.** see Dunn, K.J. 8-54388
- Bundy, J.** see Hsieh, S.Y. 8-54925
- Bunge, A.V.** see Bunge, C.F. 8-58596
- Bunge, C.F.** Configuration-interaction studies of transition energies and oscillator strengths for the lowest quartet states of neutral lithium 8-58597
- Bunge, C.F.**, Bunge, A.V. Absolute term values for the quartet states of neutral lithium 8-58596
- Bunge, M.** The GST challenge to the classical philosophies of science 8-86107
- Bunge, R.**, Johnson, M., Ross, C.D. Nature and nurture in development of the autonomic neuron 8-77033
- Bunge, R.E.** see Showalter, C.K. 8-73233
- Bunin, K.P.**, Poltoratski, L.M., Trofimenko, V.V., Shapovalov, V.I. Influence of hydrogen pressure upon its solubility in iron 8-59948
- Bunin, K.P.**, Shapovalov, V.I., Trofimenko, V.V. Investigation of the Fe-H system at high temperatures and pressures 8-52758
- Bunin, L.A.**, Babareko, A.A., Betsofen, S.Ya., Morozov, B.S., Il'in, A.A. Structural instability in some titanium alloys and their welded compounds during prolonged periods of heating 8-56664
- Bunina, L.O.**, Ratner, S.B., Gul', T.I., Gushchina, V.K., Eliseeva, L.M., Kolerov, V.S. Study of the durability of poly(alkylene terephthalates) under stretching 8-88511
- Bunina, N.S.** see Andrikanis, L.I. 8-74106
- Bunkenburg, J.** see Seka, W. 8-63139
- Bunker, B.** see Stern, E.A. 8-51421
- Bunker, D.L.** see Santamaria, J. 8-64815
- Bunkin, A.F.**, Ivanov, S.G., Koroteev, N.I., Rezov, A.V., Sybeva, M.L. Measurement of the nonlinear optical susceptibilities of MBBA liquid crystals in the isotropic and nematic phases by coherent active spectroscopy 8-74945
- Bunkin, A.F.**, Karimov, M.G., Koroteev, N.I. Form of a signal band from active polarisation spectroscopy by combinational light scattering 8-78006
- Bunkin, A.F.** see Akhmanov, S.A. 8-55414
- Bunnell, K.**, Duong-van, M., Mozley, R., Odian, A., Villa, F., Wang, L.C., del Papa, C., Dorfman, D., Flatte, S.M., Heusch, C.A., Lieberman, B., Moss, L., Schalk, T., Seiden, A. Inelastic muon-neutron scattering: Charged-hadron multiplicities and prong cross sections 8-74258
- Bunnell, K.** see del Papa, C. 8-74264
- Bunsell, A.R.** see Lenain, J.C. 8-68761
- Buntatyan, G.G.** Shell-corrections to the semi-empirical formulas for the masses and mean square radii of nuclei 8-78283
- Buntzen, R.** see Chilton, F. 8-69538
- Bunus, F.**, Dumitrescu, P., Rodeanu, T., Spiridon, S. Analysis of elements on the surface deposit of titanium anode used in the process of sodium chloride electrolysis 8-73117
- Bunyatov, S.A.**, Lyukov, V.V., Sidorov, V.M., Yarba, V.A. Detection of the hypernucleus ^{12}C in interaction of 250-GeV protons with emulsion nuclei 8-89816
- Bunyatov, S.A.** see Batusov, Yu.A. 8-54745, 8-89855
- Bunzli, J.-C.G.**, Klein, B. Site symmetry of the Eu³⁺ ion in (Et₄N)₃[Eu(NCS)₆] 8-84656
- Buonanno, R.**, Corsi, C.E., Vastellani, V., Smriglio, F. The observed star distributions in the globular clusters M10 and M12 8-69849
- Buonaquisti, A.D.**, Collins, R.A. Energy distribution of electrons emitted from MIM thin-film sandwich cathodes 8-52645
- Buonomano, V.** Low-intensity interference effects and hidden-variable theories 8-70009
- Buonpensiero, A.** see Brautti, G. 8-50707
- Buql, J.** see Batzies, P. 8-74463
- Burachonok, I.N.** see Zabrodskii, S.S. 8-79371
- Burakhovich, I.A.** see Slysarev, V.A. 8-87844
- Burakov, K.S.** A thermomagnetometer 8-85719
- Burakov, V.S.**, Kondrashov, N.G., Stavrov, A.A., Zakharova, I.S. Laser heating and sublimation of carbon particles in a flame 8-61012
- Burakov, V.S.**, Misakov, P.Y., Naumenkov, P.A., Nechaev, S.V., Raikov, S.N. Fluorescence recording of narrow absorption lines in the intracavity atomic spectroscopy method 8-73124
- Buran, T.** see Berglund, A. 8-66160
- Burangulov, N.I.**, Petrov, N.A. Influence of periodical variations of orbital elements of the Earth on its insolation 8-53605
- Buras, A.J.**, Ellis, J., Gaillard, M.K., Nanopoulos, D.V. Aspects of the grand unification of strong, weak and electromagnetic interactions 8-54598
- Buras, B.**, Olsen, J.S., Gerward, L. White beam, X-ray, energy-dispersive diffractometry using synchrotron radiation 8-66019
- Buras, B.** see Mackenzie, G.A. 8-63743
- Burbayev, D.Sh.** see Tikhonov, A.N. 8-69016
- Burbelo, M.R.M.**, Davidovskii, V.M., Maksimuk, P.A. Kinetics of annealing of vacancy complexes in silicon single crystals 8-87666
- Burbery, A.** see Owen, D.R.J. 8-53006
- Burbidge, E.M.** Future prospects for spectroscopic and direct work: optical and UV [observations of galaxies, QSOs and BL Lac objects] 8-57444
- Burbidge, E.M.** Emission-line spectra of QSOs and their redshifts 8-57677
- Burbidge, E.M.** Absorption in the spectra of quasi-stellar objects 8-57679
- Burbidge, E.M.** see Perry, J.J. 8-86036
- Burbidge, E.M.** see Roberts, D.H. 8-93449
- Burbidge, G.** Physical problems associated with BL Lac objects and QSOs 8-57649
- Burbidge, G.** The line-locking hypothesis, absorption by intervening galaxies, and the z=1.95 peak in redshifts 8-57685
- Burbidge, G.R.** see Perry, J.J. 8-86036
- Burbidge, G.R.** see Roberts, D.H. 8-93449
- Burch, J.D.**, Schneider, M.J., Kraushaar, J.J. Two-step processes and finite-range effects in the $^{60}\text{Co}(\text{p},\text{n})$ reaction 8-58281
- Burch, J.L.** see Reiff, P.H. 8-81484
- Burcher, E.E.**, Sinclair, A.R., Huck, F.O. Quasi-microscope concept for planetary missions: stereo 8-81546
- Burchill, P.J.** Chemical characterization of Kevlar-49 8-95725
- Burchuladze, A.** see Povinec, P. 8-74544
- Burck, L.H.**, Weertman, J. A comparison of yield strength effects on brittle transgranular and intergranular fatigue crack growth rates 8-68786
- Burck, U.van** see van Burck, U.
- Burd, J.F.**, Lee, E.W. Magnetic anisotropy and magnetostriiction of Tb₂Gd_{1-x}Al₂ 8-56364
- Burd, M.B.**, Sazhin, V.V. Ultrasonic probes in the AP-10K1 series 8-53116
- Burda, T.** see Grudzinski, K. 8-79287
- Burde, D.H.**, McFarlane, R.A. Observation of collisional release and complex photodecomposition kinetics of molecular iodine 8-66819
- Burde, J.**, Richter, V., Labaton, I., Moalem, A., Kalinsky, D. Multiparameter data acquisition and analysis in nuclear reaction on-line measurements 8-58567
- Burdeinaya, L.S.** see Sergienko, V.I. 8-73614
- Burdet, G.**, Patera, J., Perrin, M., Winternitz, P. The optical group and its subgroups 8-77759
- Burdet, G.**, Perrin, M. Weyl quantization and metaplectic representation 8-49712
- Burdett, J.K.**, Buckley, P.G., Davies, B., Carpenter, J.H., McNeish, A., Poliakov, M., Turner, J.J., Whiffen, D.H., Allwood, R.L., Muse, J.D., Smith, S.D., MacKenzie, H., Scragg, T. Tunable laser infrared photochemistry at cryogenic temperatures 8-92492
- Burdick, C.K.**, Patterson, J.H., Mozo, B.T., Camp, R.T., Jr. Threshold shifts in chinchillas exposed to octave bands of noise centered at 63 and 1000 Hz for three days 8-88712
- Burdick, L.J.**, Helmberger, D.V. The upper mantle P velocity structure of the western United States 8-61363
- Burdzik, G.F.** see Cowley, A.A. 8-70547
- Buren, A.L.van** see van Buren, A.L.
- Buren, A.L.van** see van Buren, A.L.
- Burenko, O.** Plasma position dynamics of ISX Tokamak 8-66420
- Burenko, O.**, Bailey, J.M. Dynamics and feedback control of ISX Tokamak 8-71528
- Burenkov, G.L.** see Fedorchenko, I.M. 8-64507
- Burenkov, Yu.A.**, Botaki, A.A., Davydov, S.Yu., Nikanorov, S.P. Influence of temperature on the elastic properties of zinc selenide 8-59850
- Buresch, F.E.** About the process zone surrounding the crack tip in ceramics 8-67154
- Buresh, R.J.** see Delaune, R.D. 8-96247
- Burg, J.P.**, Laurent, Ph. Strain analysis of a shear zone in a granodiorite 8-77223
- Burg, K.von** see von Burg, K.
- Burganova, V.A.** see Tabachnik, V.P. 8-60943
- Burgar, M.** see Blinc, R. 8-76414
- Burgardt, P.**, Seehra, M.S. EPR linewidth and spin-spin relaxation in Gd near T_c 8-68369
- Burgdorf, H.A.** see Kung, E.C. 8-77307
- Burge, D.K.**, Temple, P.A. Studies of polish layers on infrared window materials by ellipsometry 8-55419
- Burger, G.** see Broerse, J.J. 8-82532
- Burger, H.** see Rossi, I. 8-64353
- Burger, J.** see Alexander, G. 8-74251, 8-89766
- Burger, J.** see Berger, Ch. 8-62414, 8-89725
- Burger, J.P.** Comparative study of the electric and magnetic properties of Pd, Pd hydride and their alloys in relation to the electronic band structure 8-95259
- Burger, J.P.** see Alkue, G. 8-72401
- Burger, W.** Modern methods of examination for ceramic materials in the microregion 8-56832
- Burgess, A.E.** An empirical equation for screen MTFs 8-65123
- Burgess, A.E.**, Humphrey, K. Visual perception limits in angiography 8-73231
- Burgess, A.E.**, Humphrey, K. Visual perception limits in angiography 8-85313
- Burgess, A.E.** see Hassanein, O.R. 8-77103
- Burgess, D.D.**, Kolbe, G., Ward, J.M. Direct laser-based measurements of the collisional depopulation rate of the n=2 level of hydrogen in a plasma 8-79463
- Burgess, D.D.** see Smith, C.C. 8-66506
- Burgess, E.** The new Moon-Scientific results of eighteen years of lunar exploration 8-61767
- Burgess, E.L.**, Marchi, D.L., Walter, H. A novel square Fresnel lens design for illuminating circular solar cells 8-79099
- Burgess, E.L.** see Fossum, J.G. 8-84283
- Burgess, J.**, Linstead, P.J., Harnden, J.M. The interpretation of scanning electron micrographs 8-53597
- Burgess, L.W., Jr.** see Macero, D.J. 8-73128
- Burgess, T.J.** see Hawke, P.S. 8-95315
- Burget, J.**, Odehnal, M., Luchkina, A. About the possibility of using a complex of Fe(I) for dynamic polarization of protons in organic substances 8-52378
- Burggraf, C.** see Bovier, C. 8-87594
- Burghardt, R.** Covariant decomposition of the equations of motion of the gravitation theory for a rotating system of observers 8-49724
- Burgi, H.B.** see Murray-Rust, P. 8-63705, 8-63706
- Burgi, H.-B.** see Ammeter, J.H. 8-90078
- Burgi, H.R.**, Gruebler, W., Schmelzbach, P.A., König, V., Risler, R., Jenny, B. Investigation of optical model parameters for deuterium elastic scattering from ^{40}Ar 8-94016
- Burginyon, G.A.**, Stoering, J.P., Hill, R.W., Singman, L.V. A low-energy high-fluence reflection-refraction X-ray spectrometer 8-49946
- Burghardt, B.**, Herrera, R., Piesch, E. The effect of post-irradiation annealing on the fading characteristic of different thermoluminescent materials. I. Experimental results 8-90029
- Burghardt, B.**, Piesch, E. The effect of post-irradiation annealing on the fading characteristic of different thermoluminescent materials. II. Optimal treatment and recommendations 8-90030
- Burgmans, A.L.J.**, Schuurmans, M.F.H. Spectroscopy of atoms near a wall 8-70972
- Burgos, E.**, Bonadeo, H. The lattice vibrations of 1,2,4,5-tetrabromobenzene 8-76444
- Burgos, E.** see Bonadeo, H. 8-67777
- Burgt, C.M.van der** see van der Burgt, C.M.

- Buric, I.** *see* Draskovic, B. 8-92106
- Buric, I.** *see* Lignou, F. 8-60506
- Burie, J.,** Demaison, J., Dubrulle, A., Boucher, D. Microwave spectrum of propionitrile. Determination of the quartic and sextic centrifugal distortion constants 8-94236
- Burie, J.** *see* Dubrulle, A. 8-86850
- Burilla, C.T.,** Bekebrede, W.R., Kestigian, M., Smith, A.B. Influence of inert gas incorporation on uniaxial anisotropy of sputtered GdCo thin films 8-64232
- Burinskii, A.Ya.** *see* Ivanenko, D.D. 8-81906
- Burka, A.L.,** Rubtsov, N.A., Stepanenko, P.I., Khripunov, A.D. Investigation of transient radiation-conduction heat transfer in selectively-absorbing media 8-90670
- Burka, A.L.** *see* Rubtsov, N.A. 8-94572
- Burka, C.** *see* Kuhlmann, F. 8-89598
- Burke, B.F.** *see* Matveenko, L.I. 8-69693, 8-69865
- Burke, B.F.** *see* Rosen, B.R. 8-53949
- Burke, C.** Development of high-mechanical strength electrical insulations for TFTR Tokamak toroidal field coils 8-64610
- Burke, D.G.,** Shahabuddin, M.A.M., Boyd, R.N. Hexadecapole vibrations in osmium isotopes 8-89780
- Burke, D.G.** *see* Flynn, E.R. 8-50181
- Burke, D.G.** *see* Lovhoiden, G. 8-74360, 8-78390
- Burke, H.K.,** Few, A.A. Direct measurements of the atmospheric conduction current 8-85637
- Burke, J.J.,** Breckinridge, J.B. Passive imaging through the turbulent atmosphere: Fundamental limits on the spatial frequency resolution of a rotational shearing interferometer 8-69450
- Burke, J.R.,** Carver, G.P. Magnetophonon and Shubnikov-de Haas oscillations in n-type PbTe epitaxial films 8-60234
- Burke, K.,** Fox, P.J., Sengor, A.M.C. Buoyant ocean floor and the evolution of the Caribbean 8-96183
- Burke, K.** *see* Celal-Sengor, A.M. 8-81129
- Burke, L.A.,** Leroy, G., Daudel, R., Stephens, M.E. Absolute overlap and second moment dispersions as measures of localisability in the spatial and energetic methods 8-74557
- Burke, M.A.,** Nix, W.D. A numerical analysis of edge dislocation climb 8-71736
- Burke, P.E.,** Akinbiyi, T., Fawzi, T.H. The use of asymptotes to estimate TE- and TM-mode losses in long conductors 8-91891
- Burke, P.G.** Basic concepts of the R-matrix method and relationship to other theories 8-58832
- Burke, P.G.** *see* Berrington, K.A. 8-74558
- Burke, S.K.,** Rainford, B.D. Determination of the antiferromagnetic phase boundary in Cr-Fe alloys 8-95437
- Burke, T.J.** *see* Weinreich, W.A. 8-86669
- Burke, W.J.,** Donatelli, D.E., Sagalyn, R.C. Injun 5 observations of low-energy plasma in the high-latitude topside ionosphere 8-77408
- Burke, W.J.,** Eitenberg, M., Kressel, H. Optical feedback effects in CW injection lasers 8-79045
- Burke, W.J.,** Staebler, D.L., Phillips, W., Alphonse, G.A. Volume phase holographic storage in ferroelectric crystals 8-82929
- Burke, W.J.** *see* Rao, L.D.V. 8-88987
- Burke, W.L.** *see* Baldwin, J.A. 8-61931
- Burkert, V.** *see* Brueker, H. 8-50038
- Burkhalter, P.G.,** Dazier, C.M., Stallings, C., Cowan, R.D. X-ray line emission and plasma conditions in exploded Fe wires 8-59670
- Burkhanov, G.S.** *see* Savitsky, E.M. 8-60569
- Burkhanov, Yu.S.** *see* Novikov, I.I. 8-79561
- Burkhard, D.G.,** Shealy, D.L., Strobel, G.L. Comparison of the solar concentrating properties of truncated hexagonal, pyramidal and circular cones 8-50896
- Burkhard, D.G.,** Strobel, G.L., Burkhard, D.R. Flat-sided rectilinear trough as a solar concentrator: an analytical study 8-74961
- Burkhard, D.G.,** Strobel, G.L., Shealy, D.L. Solar concentrating properties of truncated hexagonal, pyramidal and circular cones 8-83062
- Burkhard, D.R.** *see* Burkhard, D.G. 8-74961
- Burkhard, H.** *see* Bauer, G. 8-79720
- Burkhard, M.D.,** Sachs, R.M. Sound pressure in insert earphone couplers and real ears 8-65152
- Burkhardt, E.G.** *see* Kang, M.H. 8-87094
- Burkhardt, F.** *see* Wagner, C. 8-63781
- Burkhardt, L.C.,** Dike, R.S. Spark gap overpressures in the 0.2 megampere range 8-75456
- Burkharkina, A.P.** *see* Okhotsimskii, D.E. 8-69639
- Burkhart, G.H.** *see* Rice, R.R. 8-71197
- Burkhart, R.** A proposed recommendation for quality assurance programs in diagnostic radiology facilities 8-73235
- Burkhead, M.S.** *see* Haynes, M.P. 8-89253
- Burkholz, A.** Aerosol separation on cylinders exposed to flow-comparison of measured and theoretical data 8-87381
- Burki, G.** The semi-period-luminosity-colour relation for supergiant stars 8-61853
- Burki, G.,** Maeder, A., Rufener, F. Variable stars of small amplitude. III. Semi-period of variation for seven B2 to G0 supergiant stars 8-61854
- Burklin, H.,** Vielsack, P. The collapse of non-pretensioned rings 8-87258
- Burkov, A.T.** *see* Vedernikov, M.V. 8-91676
- Burkov, V.I.,** Krasilov, Y.I., Trofimova, S.I. Low temperature optical spectra of cubic crystals of uranyl compounds 8-92083
- Burkovskii, S.I.** Apparatus for measuring light scattering in aqueous solutions at high temperatures and pressures 8-74058
- Burkstrand, J.M.** An unusual surface complex of copper on polystyrene 8-72026
- Burkstrand, J.M.** Electron spectroscopic study of oxygen-plasma-treated polymer surfaces 8-72910
- Burkstrand, J.M.** Formation of a copper-oxygen-polymer complex on polystyrene 8-92372
- Burkstrand, J.M.** *see* Tibbetts, G.G. 8-71957
- Burlacu, L.** *see* Vrejoiu, C. 8-89304
- Burlak, G.N.,** Koshevaya, S.V. Rayleigh waves in dielectrics in a constant electric field 8-95218
- Burlak, G.N.,** Kotsarenko, N.Ya. Theory of parametric interaction of electromagnetic and acoustic waves in solids 8-60166
- Burlaka, P.M.,** Gorr, G.V. Properties of a solution for the motion of a gyrostat 8-86132
- Burlamacchi, P.,** Salimbeni, R. XeCl excimer laser using chlorinated hydrocarbons as Cl donors 8-79007
- Burland, D.M.** Laser chemistry in molecular crystals 8-85185
- Burland, D.M.,** Carmona, F., Pacansky, J. The photodissociation of and dimethyl-s-tetrazine 8-73059
- Burland, D.M.,** Thomas, J.M. Site-selective photochemistry in anthracene crystals 8-80756
- Burlatskaya, S.P.** Archeomagnetic studies of the geomagnetic field and its secular variations in the Caucasus 8-73309
- Burlatskaya, S.P.,** Braginsky, S.I. The comparison of archaeomagnetic data with the analytical representation of the geomagnetic field for the last 2000 years 8-73305
- Burlei, V.D.** *see* Letkii, V.M. 8-83509
- Burleson, G.R.** *see* Zeidman, B. 8-58308, 8-58309
- Burlet, P.** *see* Herrmann-Ronzaud, D. 8-56296
- Burlii, P.V.,** Kucherov, I.Ya. Study of inverse elastic waves 8-52039
- Burlii, P.V.,** Kucherov, I.Ya., Ostrovskii, I.V., Perga, V.M. Studying the excitation of acoustic waves in plates 8-55483
- Burlingame, A.L.,** Shackleton, C.H.L., Howe, I., Chizhov, O.S. Mass spectrometry 8-85226
- Burman, C.,** Sen, P., Bakhrui, H. Decay of $^{162,164,165}\text{Lu}$ isotopes 8-62509
- Burman, R.L.,** Baker, M.P., Cooper, M.D., Heffner, R.H., Lee, D.M., Redwine, R.P., Spencer, J.E., Marks, T., Malbrough, D.J., Freedman, B.M., Holt, R.J., Zeidman, B. Pion double-charge exchange on ^{16}O and ^{18}O 8-70573
- Burman, R.L.** *see* Malbrough, D.J. 8-70570
- Burman, R.L.** *see* Freedman, B.M. 8-70571
- Burman, R.R.** *see* Murphy, G.L. 8-93098
- Burmasov, V.S.,** Vyacheslavov, L.N., Kornilov, V.A., Kruglyakov, E.P., Podymnagin, A.A., Shulzhenko, G.I. Interaction of relativistic e-beam with plasma in a strong magnetic field 8-75372
- Burmasov, V.S.** *see* Brejzman, B.N. 8-75371
- Burn, P.B.** *see* Nelson, B.E. 8-50397
- Burn, P.B.** *see* Walstrom, P.L. 8-54929
- Burnage, R.** *see* Fehrenbach, C. 8-89173
- Burnakov, K.K.** *see* Spirov, L.E. 8-84868
- Burnashev, M.N.** Polarization of the active medium of a multimode gas laser with excitation modulation 8-82942
- Burnashev, V.I.** Energy distribution in the spectra of 50 stars 8-65620
- Burnashev, V.I.** *see* Belyakina, T.S. 8-57588
- Burnashova, V.V.** *see* Stroganov, G.B. 8-56612
- Burnay, S.G.,** Groves, G.W. Variation of yield stress with orientation in oriented polyethylene 8-52900
- Burneau, A.** *see* Perchard, J.P. 8-64357
- Burnell, J.Bell** *see* Bell Burnell, J.
- Burnell, S.J.Bell** *see* Bell Burnell, S.J.
- Burnett, J.W.,** Huang, T.S. Image mensuration by maximum a posteriori probability estimation 8-63015
- Burnett, L.J.,** Knowles, R.M., Graham, J.D. Molecular dynamics in solid choline bromide and choline iodide 8-56390
- Burnett, L.J.,** Rottler, C.L., Laughon, D.H. Proton NMR study of molecular motion in polydimethylsiloxane 8-70987
- Burnett, P.,** Burns, J.S. The influence of lead temperature on the accuracy of various stainless-steel sheathed, mineral-insulated nickel-chromium/nickel aluminium thermocouples 8-54371
- Burnett, T.** *see* Moriyasu, K. 8-66165
- Burnett, T.H.,** Csorna, S.E., Holmgren, D., Kollman, G., Lubatti, H.J., Moriyasu, K., Rudnicka, H., Swider, G.M., Yuldashev, B.S., Balogh, H.C., Bingham, H.H., Bosetti, P., Fretter, W.B., Gee, D., Lynch, G., Marriner, J.P., Orthel, J., Stevenson, M.L., Yost, G.P. Inclusive production of hadrons in $\nu_e\text{Ne}$ and $\bar{\nu}_\mu\text{Ne}$ interactions 8-89853
- Burnett, T.H.,** Csorna, S.E., Holmgren, D., Kollman, G., Lubatti, H.J., Moriyasu, K., Rudnicka, H., Swider, G.M., Yuldashev, B.S., Balogh, H.C., Bingham, H.H., Fretter, W.B., Gee, D., Lynch, G., Marriner, J.P., Orthel, J., Stevenson, M.L., Yost, G.P. Hadron production in νNe and $\bar{\nu}\text{Ne}$ interactions 8-89854
- Burnett, T.H.** *see* Yuldashev, B.S. 8-62575
- Burnett, W.C.** *see* Veeh, H.H. 8-81121
- Burnham, J.** *see* Nielsen, D.W. 8-88715
- Burnham, R.** Discharge pumped mercuric halide dissociation lasers 8-79009
- Burnham, R.** *see* Eden, J.G. 8-63066
- Burnham, R.D.** *see* Scifres, D.R. 8-63202
- Burnham, R.D.** *see* Streifer, W. 8-59007, 8-59161
- Burnham, R.K.** *see* Farrow, M.M. 8-54467
- Burnham, W.** *see* Dye, J.L. 8-57205
- Burnite, R.** *see* Engel, J., Jr. 8-69036
- Burns, A.,** Willmott, A.J. Transient performance of periodic flow regenerators 8-59389
- Burns, A.** *see* Baubillier, M. 8-93877
- Burns, A.J.** *see* Singhal, R.P. 8-62010
- Burns, D.** *see* Elliott, A.T. 8-92700
- Burns, D.T.** *see* Miller, J.N. 8-61082
- Burns, E.M.,** Ward, W.D. Categorical perception—phenomenon or epiphenomenon: Evidence from experiments in the perception of melodic musical intervals 8-53421
- Burns, G.** Raman investigations of several superionic conductors 8-80353
- Burns, G.** *see* Pinczuk, A. 8-79716
- Burns, J.A.** The dynamical evolution and origin of the Martian moons 8-89104
- Burns, J.H.** Studies of californium metal at high pressure by X-ray diffraction 8-83766
- Burns, J.O.,** Owen, F.N., Ruchlick, L. Classical double sources in the directions of rich clusters of galaxies 8-57662
- Burns, J.S.** *see* Burnett, P. 8-54371
- Burns, K.I.** *see* Hogan, J.J. 8-93958
- Burns, R.** *see* Bacino, W. 8-70351
- Burns, R.** *see* Fu, C.M. 8-75939
- Burns, S.A.** *see* Ingling, C.R., Jr. 8-65028
- Burns, S.H.** Normal-mode theory of enclosures with thermoviscous dissipation at the walls 8-83171
- Burns, S.J.,** Pollet, J.-C., C-Lun Chow Non-linear fracture mechanics 8-79261
- Burns, W.K.,** Bulmer, C.H., West, E.J. Application of Li_2O compensation techniques to Ti-diffused LiNbO_3 planar and channel waveguides 8-74976
- Burns, W.K.** *see* Sheem, S.K. 8-87149
- Burnstein, R.** *see* Heller, M. 8-70689
- Buroff, A.,** Nebauer, E., Suptitz, P. Influence of an electric DC field on the migration of silver in amorphous As_2S_3 8-87822
- Buroff, A.** *see* Malinowski, J. 8-53222
- Burov, G.I.** *see* Boiko, D.A. 8-53147
- Burov, I.V.** *see* Savitskii, E.M. 8-58094
- Burov, J.,** Anastasova, N. Synchronous amplification and generation of flexural waves in resonator platelets of cadmium sulphide 8-84527
- Burov, J.I.** *see* Konstantinov, L.L. 8-83864, 8-92049
- Burov, V.A.,** Goryunov, A.A. Statistical estimations in the inverse scalar wave scattering problem 8-54200
- Burov, V.V.,** Luk'yanov, V.K., Reznik, B.L., Titov, A.I. Nuclear density fluctuations and electron scattering at high-energy 8-86529
- Burova, E.M.,** Zhidkov, N.P., Zil'berman, A.G., Zubenko, V.V., Nabutovskii, L.S., Uman'skii, M.M., Shchedrin, B.M. An information retrieval system for X-ray phase analysis 8-79501
- Burov, D.F.** *see* Diem, M. 8-82788
- Burg, J.P.,** Chemarin, M., Chevallier, M., Ille, B., Jacquet, G., Lambert, M., Madjar, N., Martin, J.P., Maurelli, G., Reynard, M., Sahuc, P. Recoil and fast-particle spectrometers for the study of 5 GeV pion-helium interactions 8-82569
- Burg, J.P.,** Chemarin, M., Chevallier, M., Ille, B., Lambert, M., Martin, J.P., Denisov, A.S., Dore, C., Ekelof, T., Grafstrom, P., Hagberg, E., Kashchuk, A.P., Korolev, G.A., Kullander, S., Maury, S., Paumier, J.L., Querrou, M., Schegelsky, V.A., Spiridenkov, E.M., Tkach, I.I., Vorobyev, A.A. Measurement of $\pi^+\text{p}$ elastic scattering in the Coulomb interference region at high energies 8-89741
- Burq, J.P.** *see* Badelek, B. 8-90011
- Burr, A.H.** *see* Saunders, J.R. 8-69121
- Burr, D.J.** *see* Faulkner, R.G. 8-64504

- Burr, N.C.**, Solomon, S.C. The relationship of source parameters of oceanic transform earthquakes to plate velocity and transform length 8-53620
- Burrato, G.**, Di Mauro, G., Micalizzi, F., Pennisi, A., Simone, F., Troia, S.O., Giaquinta, C., Mancini, N.A. Far-infra-red molecular vibrational spectroscopy by inelastic electron tunneling 8-50546
- Burrato, G.**, Pennisi, A., Simone, F., Troia, S.O., Di Mauro, G., Micalizzi, F., Giaquinta, C., Mancini, N.A. Excess electrical conductivity above T_c of aluminium superconducting thin films in the presence of Formvar 8-60250
- Burrato, G.**, Pennisi, A., Simone, F., Troia, S.O., di Mauro, G., Micalizzi, F., Giaquinta, C., Mancini, N.A. Quantum size effects and transport properties in InSb thin films 8-76171
- Burrage, S.W.** see Reid, I.G. 8-85679
- Burrell, C.F.**, Cooper, W.S., Steele, W.F., Smith, R.R. Calorimetric and optical beam diagnostics on the LBL 120-keV neutral beam test facility 8-54933
- Burrell, D.C.**, Meng-Lein Lee. Inorganic speciation of copper in estuarine environments 8-69371
- Burrell, K.**, Lietzke, A.F., Schaffer, M.J. A diagnostic method for time resolved spatial profile measurements of proton and impurity density and temperature 8-59668
- Burrell, K.H.** NEUCG: a transport code for hydrogen atoms in cylindrical hydrogenic plasmas 8-51284
- Burrell, K.H.** Fast hydrogen gas injection system for plasma physics experiments 8-71550
- Burridge, R.** Degeneracy and inhomogeneity in transport theory for waves in random media 8-62982
- Burridge, R.** see Bazer, J. 8-77727
- Burriesci, N.**, Garbassi, F., Pizzini, S. A comparison between the structural, magnetic and surface properties of cobalt ferrites prepared by wet and ceramic methods 8-52307
- Burros, R.H.** Statistical parameters of estimators in cross-spectral analysis 8-83180
- Burroughs, C.B.**, Magrab, E.B. Natural frequencies of prolate spheroidal shells of constant thickness 8-83306
- Burroughs, J.A.** see Southern, J.H. 8-79290
- Burroughs, W.J.** On running means and meteorological cycles 8-65378
- Burrows, J.R.** see Foster, J.C. 8-57391
- Burrows, J.R.** see Lui, A.T.Y. 8-88968
- Burrows, J.R.** see Whitteker, J.H. 8-77400
- Burrows, T.W.**, Holden, N.E., Pearlstein, S. Reference nuclear data for space technology 8-82407
- Burrus, C.A.**, Stone, J. Room-temperature continuous operation of a ruby fiber laser 8-66833
- Burrus, C.A.** see Abbott, S.M. 8-55390
- Burrus, C.A.** see Stone, J. 8-63121
- Bursak, A.V.**, Verzhbitskii, V.V., Gorbatov, A.M., Krylov, V.N., Solovoi, A.B., Shein, Yu.L. Deformation of spectrum of ^6Li nucleus at compression 8-78270
- Burse, J.T.**, Smith, D., Bunch, J.E., Williams, R.N., Berkley, R.E., Pellizzari, E.D. Application of capillary GC/MS/computer techniques to identification and quantification of organic components in environmental samples 8-80799
- Bursey, M.M.** see Busch, K.L. 8-76939
- Burshtein, A.I.**, Veksler, L.S., Shokhirev, N.V. Origin and position of the extremal values of the intermolecular interaction in simple liquids 8-87602
- Burshtein, E.A.**, Bushueva, T.L., Permyakov, E.A. A study of the equilibrium structural mobility of macromolecules according to luminescence criteria of protein chromophores 8-76986
- Burshtein, I.F.** see Karpov, O.G. 8-63738
- Burshtein, K.Ya.** see Abronin, I.A. 8-82638
- Burshtein, R.Kh.**, Shurmovskaya, N.A., Kalish, T.V., Larin, L.A. Effect of adsorbed gases on the surface properties of metals 8-60187
- Burshtein, Z.**, Hanson, A.W., Ingold, C.F., Williams, D.F. Hole mobility anisotropy and crystal structure of β -9,10 dichloroanthracene 8-95310
- Bursian, E.V.** see Baryshnikov, S.V. 8-74022
- Bursill, L.A.**, Barry, J.C., Hudson, P.R.W. Fresnel diffraction at $\{100\}$ platelets in diamond: An attempt at defect structure analysis by high-resolution (3 Å) phase-contrast microscopy 8-87701
- Bursill, L.A.** see Grey, I.E. 8-79573
- Burskii, V.P.** see Shchelukhin, E.M. 8-75222
- Burstein, D.**, Heiles, C. A new method for determining the reddening of extragalactic objects 8-54039
- Burstein, E.** see Hjortsberg, A. 8-52587
- Bursten, B.E.**, Jensen, J.R., Fenske, R.F. An X_α optimized atomic orbital 8-62721
- Burt, D.** see O'Neil, R.R. 8-89037
- Burt, M.G.** A comment on photoemission from negative-electron-affinity GaAsP with a direct or an indirect band-gap 8-56560
- Burt, P.B.** Microscopic causality and quantized solitary waves 8-82095
- Burt, P.B.** see Sebbatu, M. 8-58202
- Burt, T.** see Rijken, T. 8-62426
- Burt, T.P.** see Anderson, M.G. 8-73409
- Burtkovskii, I.I.**, Kravchenko, A.I., Timchenko, P.M. Linearity of force transducers with screw tenso-resistors 8-89475
- Burton, B.** Grain boundary sliding in beta phase zircaloy-2 8-79616
- Burton, B.**, Reynolds, G.L., Barnes, J.P. Tensile creep of beta-phase Zircaloy-2 8-52915
- Burton, B.J.** A further note on tropical iridescent cloud 8-85675
- Burton, C.S.**, Mei-Kao Liu. Application of a mesoscale air quality model to long range air pollution problems 8-81388
- Burton, J.D.** see Measures, C.I. 8-57230
- Burton, J.J.** Prospects for a quantitative theory of surface segregation 8-71910
- Burton, L.C.**, Baron, B., Hench, T.L., Meakin, J.D. Formation and characterization of (CdZn)S films and (CdZn)S/Cu₂S heterojunctions 8-68080
- Burton, M.**, Farrow, J.B., Elkins, P.J. A preliminary study of attitude measurement and control requirements for Earth resources satellites 8-65482
- Burton, M.** see Farrow, J.B. 8-65483
- Burton, P.W.** Perceptible earthquakes in the United Kingdom 8-77189
- Burton, R.L.**, Turchi, P.J., Jenkins, D.J., Cooper, A.L. Hydrodynamic model experiments for stabilized liquid liners with annular piston drive 8-54903
- Burton, R.L.** see Ford, R. 8-54904
- Burton, R.L.** see Turchi, P.J. 8-54902
- Burton, R.R.** see Besch, E.L. 8-92734
- Burton, W.M.**, Evans, R.G., Patchett, B., Chichao Wu. New observations of ultraviolet variability in Wolf-Rayet stars 8-65632
- Burton, W.M.** see Boksenev, A. 8-96540
- Burtev, G.A.**, Fedorishcheva, E.E. Optimization problem in ferromagnetic-probe fault detection 8-53096
- Burtev, V.A.**, Kondakov, A.A., Timonin, A.M., Shanskii, V.F. Optimization of the parameters of a pulsed CO₂ laser 8-71116
- Burtev, V.A.**, Litunovskii, V.N., Prokopenko, V.F. Electrical explosion of foils. I 8-67388
- Burtev, V.A.**, Litunovskii, V.N., Prokopenko, V.F. Electrical explosion of foils. II 8-67389
- Burteva, V.A.**, Vlasov, V.V. Performance analysis of an eddy-current defectoscope with a series tank circuit in the input stage 8-53106
- Burum, D.P.**, Elleman, D.D., Rhim, W.K. New technique for single-scan T₁ measurements using solid echoes 8-86307
- Buryan, N.R.** see Yun'kov, A.A. 8-85466
- Buryanov, V.B.**, Gordienko, V.V., Kulik, S.N., Livanova, L.P., Pashkevich, I.K., Rokityanskii, I.I., Sollogub, V.B., Chekunov, A.V. Complex geophysical model of lithosphere of the Eastern Carpathians 8-85511
- Buryi, V.A.**, Gurkovskaya, A.V. Effect of a hyperosmolar solution on the electrical connection between smooth muscle cells 8-69027
- Buryi, V.A.** see Gurkovskaya, A.V. 8-69011
- Buryukov, S.V.**, Drozdov, S.V., Markin, V.P. Instrument type Kristall-1 for automatically measuring the fusion temperature of crystalline samples 8-57945
- Burzo, E.** Magnetic behaviour of Dy(Fe,Ni_{1-x})₂ and Ho(Fe,Ni_{1-x})₂ compounds 8-52235
- Burzo, E.** A classification of the theories used in ferromagnetism. Basic models 8-91840
- Burzo, E.** The magnetism of dilute and concentrated alloys 8-91843
- Burzo, E.**, Ardelean, I. EPR study of Fe³⁺ ions in lead borate glasses 8-72400
- Burzo, E.**, Baican, R. Ferromagnetic resonance study of some pseudobinary cubic compounds 8-91961
- Burzo, E.**, Stanescu, L. On the number of V⁴⁺ ions in V₂O₅-MoO₃ solid solutions 8-52199
- Burzo, E.**, Stanescu, L. On the charge compensation of iron ions in the V₂O₅ lattice 8-52410
- Burzo, E.**, Stanescu, L., Teodorescu, V., Ardelean, I., Coldea, M. Some physical properties of V₂O₅-Fe₂O₃ and V₂O₅-Fe₂O₃-Li₂O systems 8-84503
- Burzynska, L.** see Szymanska, H. 8-53014, 8-85021
- Busalov, Yu.E.**, Kop'ev, I.M., Kuz'min, A.M., Pompe, V., Bershtedt, A. Fatigue strength of fibrous copper-carbon fibre composite material 8-95796
- Busarev, A.V.**, Orlov, M.S., Stolov, A.L. Spectrum of a Gd³⁺ ion in the system CaF₂-SrF₂-BaF₂ 8-84638
- Busboom, H.J.** see Kenfield, T.A. 8-79636
- Busby, R.F.** An overview of submersible activities worldwide in 1977 8-69499
- Busby, T.S.**, Cox, G.C., Wills, B.J. The solution of some commercial refractories in soda-lime glass in the temperature range 1200-1350°C 8-95821
- Busca, G.**, Savard, J.-Y., Rovea, S., Vanier, J., Desaintfusien, M., Petit, P., Audoin, C. Zeeman effects on H and Rb masers 8-58972
- Busch, D.E.** see Loomis, B.A. 8-51600
- Busch, G.**, Schlappbach, L., von Waldkirch, T. Hydrides of La-Ni and Ce-Ni intermetallic compounds 8-83955
- Busch, G.E.** see Huppert, D. 8-58065
- Busch, G.E.** see Olson, G.L. 8-53226
- Busch, K.L.**, Bursey, M.M., Hass, J.R., Sovocool, G.W. Comparison of five ionization methods for producing mass spectra of typical organophosphorus pesticides 8-76939
- Buschbach, T.C.** Tectonic patterns and earthquakes in the central Mississippi valley 8-85504
- Buschhorn, G.** see Brandelik, R. 8-62416
- Buschow, K.H.J.** Magnetic coupling of rare earth moments in amorphous alloys 8-88108
- Buschow, K.H.J.**, Sherwood, R.C. Effect of H₂ absorption on the magnetic properties of rare-earth transition metal compounds 8-68231
- Buschow, K.H.J.**, Sherwood, R.C., Hsu, F.S.L., Knorr, K. Magnetic properties of rare-earth magnesium compounds of the type RMg₂ 8-68185
- Buschow, K.H.J.**, van der Kraan, A.M. Magnetic ordering in ternary rare earth iron aluminium compounds (RFe₄Al₃) 8-52250
- Buschow, K.H.J.**, Will, G., Bargouth, M.O. Magnetic properties of GdMg₃ and TbMg₃ 8-72346
- Buschow, K.H.J.** see Gubbens, P.C.M. 8-56413
- Buschow, K.H.J.** see Will, G. 8-84401
- Buseck, P.R.** see Iijima, S. 8-91344
- Buseck, P.R.** see O'Keefe, M.A. 8-71653
- Bush, A.A.**, Rannev, N.V., Venetsev, Yu.N. The synthesis and study of γ -4PbO.SiO₂ crystals 8-71716
- Bush, A.W.**, Pinney, M.A., Walls, J.R. A mathematical model of the production of ammonium sulphate aerosol under an elevated temperature inversion in Cleveland County 8-81397
- Bush, B.M.H.** see Lowe, D.A. 8-73151
- Bush, M.** see Williams, L. 8-61207
- Busharov, N.P.**, Gusev, V.M., Guseva, M.I., Krasulin, Yu.L., Martynenko, Yu.V., Mironov, S.V., Rozina, I.A. Sputtering and blistering in the bombardment of Inconel, SiC+C alloy, and carbon-pyroceramic by H⁺ and He⁺ ions 8-79649
- Bushchew, K.H.J.**, Wernick, J.H., Chin, G.Y. Note on the Hf-Co phase diagram 8-60652
- Bushik, A.I.**, Mitskevich, M.K., Bakuto, I.A. Dynamics of near-electrode processes in a high-current pulse discharge in air at atmospheric pressure 8-71602
- Bushman, A.V.**, Fortov, V.E., Sharipdzhanov, I.I. Equation of state of metals in a wide range of parameters 8-91414
- Bushmanov, V.D.** see Chutunov, K.A. 8-84775
- Bushmanina, G.S.**, Gruzinov, B.F., Drabkin, I.A., Lev, E.Ya., Nel'son, I.V. Stabilization of the Fermi level in gallium-doped Pb_{1-x}Ge_xTe solid solutions 8-56065
- Bushman, A.V.**, Gryasnov, V.K., Lomakin, B.N., Sechenov, V.A., Fortov, V.E., Shchekotov, O.E. Shock wave investigation of thermodynamical properties of nonideal cesium plasma 8-71434
- Bushnell, A.H.**, Jones, C.R., Gundersen, M., Buchwald, M.I. Optically pumped middle IR lasers 8-58995
- Bushnell, D.** see Lagae, G. 8-79241
- Bushneva, T.S.** see Afanas'ev, I.I. 8-88418
- Bushueva, T.L.** see Burshtein, E.A. 8-76986
- Busing, W.R.** An error in the calculation of the rotational barrier in molecular crystals 8-79541
- Busing, W.R.** see Padmanabhan, V.M. 8-75639
- Buslaev, V.S.** Solutions of 'double soliton' type for the multidimensional equation $\square u = F(u)$ 8-54569
- Buslaev, Yu.A.** see Tarasov, V.P. 8-58723
- Buslov, D.K.** see Zhabankov, R.G. 8-62782
- Busnel, R.-G.**, Lehmann, A.-G. Infrasonic and sound: Differentiation of their psychophysiological effects through use of genetically deaf animals 8-57037
- Bussac, J.P.** see Adam, J. 8-71473
- Bussac, M.N.**, Edery, D., Pellat, R., Soule, J.L. Stabilization of the linear drift tearing mode by coupling with the ion sound wave 8-59589
- Busse, F.H.** Magnetohydrodynamics of the Earth's dynamo 8-61331
- Busse, F.H.** Convection in rotating stars 8-89184

- Busse, G., Bullemer, B. Use of the opto-acoustic effect for rapid scan Fourier spectroscopy 8-78004
- Bussemer, P., Hanke, U. On the treatment of periodically time-dependent systems 8-82601
- Bussey, P.R. *see* Hubberstey, P. 8-84188
- Bussiere, A. *see* Bozzoli, W. 8-93995
- Bussiere, J.F., Kovachev, V.T. Surface effects affecting AC losses of Nb_3Sn 8-64171
- Bussiere, J.F., Onishi, T., Welch, D.O., Sve-naga, M. Stress-induced enhancement of T_c in bronze-processed V_3Ge 8-64159
- Bussoletti, E. *see* Wegmann, H.M. 8-85813
- Bussoletti, J.E. *see* Dickey, P.A. 8-78315
- Bust, C.P., Carter, J.R., Neale, W.W., Rush-brooke, J.G., Ward, D.R., Anson, R.E., Oh, B.Y., Pratap, M., Sionakides, G., Smith, G.A., Whitmore, J., Raja, R., Voy-vodic, L. Diffraction and resonance production in exclusive pp interactions at 100 GeV/c 8-93909
- Bustos, V.A. *see* Colavita, P.A. 8-71001
- Busygina, E.P., Grigoryants, V.G., Vlasenko, S.I., Popovich, V.P. Polarization of optical radiation from beam-plasma discharge 8-67478
- Busygina, E.P., Vlasenko, S.I., Grigoryants, V.G., Popovich, V.P. Spatial distribution of micro-wave fields and polarization of the visible emission from a beam-plasma discharge 8-67372
- Busygina, E.P. *see* Babanin, V.I. 8-67426
- Busza, W. *see* Cutts, D. 8-78380, 8-89746
- Busza, W. *see* Elias, J.E. 8-82241
- Buszman, A. *see* Kwapiulinski, J. 8-92960
- But, D.A., Doperchuk, I.I., Koneev, S.M.-A. Optimization of the diagonal MHD channel 8-75226
- But, D.A., Sluchak, B.A. Deceleration of a strong shock wave by a transverse magnetic field at substantial magnetic Reynolds num-bers 8-51249
- But, Z.P., Miroshnichenko, L.S., Yatsenko, A.F. Adsorption peculiarities of barium oxide on silicon field cathodes 8-68608
- Butaev, A.M. *see* Boguslavskii, I.A. 8-84757
- Butaeva, V.I. *see* Borodai, S.P. 8-88314
- Butakova, G.E. *see* Gorbunov, V.I. 8-53145
- Butayev, B.S. *see* Gershnikov, A.G. 8-58818
- Butayev, B.S. *see* Spiridonov, V.P. 8-70932
- Butcher, D.N., Sealy, B.J. The thermal oxidation of GaAs 8-76780
- Butcher, P.N. Macroscopic theory of carrier pulse propagation in amorphous semiconduc-tors 8-72154
- Butcher, P.N., McInnes, J.A. Analytical formulae for DC hopping conductivity: r -percolation in 3D 8-51958
- Butefisch, K.A. *see* Heinemann, H.-J. 8-75152
- Butendeich, R., Ruppel, W. Photovoltage at the metal-CdS Schottky contact 8-95337
- Butenko, A.N., Potapenko, A.E., Chistyakov, E.S. Acoustic method of measur-ing concentration of the gaseous phase in a two-phase medium 8-59448
- Butenko, L.P., Mel'nichenko, V.V., Savchenko, A.N. Apparatus for measuring pulse-amplitude instability in accelerator systems 8-82537
- Butenko, T.F. *see* Galkin, A.A. 8-79981
- Butenko, V.Yu. On the problem of algorithm-ization of the theory of shells 8-89338
- Butera, R.A., Rutter, D.R. Study of the bicriti-cal region of the biaxial antiferromagnet $\text{MnCl}_2 \cdot 4\text{H}_2\text{O}$ 8-68246
- Butera, R.A. *see* Moskaitis, R.J. 8-68261
- Buti, B. Kinetic envelope solitons in turbulent plasmas 8-67334
- Buti, B. *see* Mohan, M. 8-91105
- Buti, B. *see* Sharma, A.S. 8-54199, 8-75301
- Butko, A.E. *see* Mikhailenko, S.A. 8-87799
- Butko, V.M. *see* Rozhnov, B.S. 8-93718
- Butler, B.L., Pettit, R.B. Optical evaluation techniques for reflecting solar concentrators 8-50893
- Butler, C.M. A review of electromagnetic dif-fraction by small apertures in conducting surfaces 8-82893
- Butler, D. *see* Smith, H.A. 8-85954
- Butler, D.M., Stolarski, R.S. Photoelectrons and electron temperatures in the Venus iono-sphere 8-77511
- Butler, D.M. *see* Chandra, S. 8-57246
- Butler, D.M. *see* Rundel, R.D. 8-85634
- Butler, D.M. *see* Stolarski, R.S. 8-85635
- Butler, E.P. Disordering of Mg_3Cd under elec-tron irradiation 8-83849
- Butler, G.A. *see* Francis, M.S. 8-67289
- Butler, G.G. *see* Ainscough, J.B. 8-52743
- Butler, G.J. A note on nonoscillatory solutions of a sublinear Hill's equation 8-77675
- Butler, G.W. *see* Westfall, G.D. 8-70529
- Butler, J. *see* Brozel, M.R. 8-56104
- Butler, J. *see* Cutts, D. 8-78380
- Butler, J.E., Hudgens, J.W., Lin, M.C., Smith, G.K. Observation of $\text{OH}(\nu=0,1)$ in the reactions of $\text{O}(^3\text{P})$ with $\text{HCl}(\nu=0,1,2)$ 8-95912
- Butler, J.F. *see* Mantz, A.W. 8-61133
- Butler, J.K., Delaney, J.B. A rigorous boundary value solution for the lateral modes of stripe geometry injection lasers 8-71100
- Butler, J.K., Kressel, H. Design curves for double-heterojunction laser diodes 8-50776
- Butler, J.K., Sommers, H.S., Jr. Asymmetric modes in oxide stripe heterojunction lasers 8-59006
- Butler, M.A., Ginley, D.S. Temperature depen-dence of flatband potentials at semiconduc-tor-electrolytic interfaces 8-60201
- Butler, P.H., Haase, R.W., Wybourne, B.G. Cal-culation of 6j symbols for the exceptional group E_7 8-57800
- Butler, P.W. *see* McGee, R.X. 8-65695
- Butler, R., Anderson, D.L. Equation of state fits to the lower mantle and outer core 8-85522
- Butler, R.C., Dean, A.J., Dipper, N.A., Rams-den, D. An actively shielded hard X-ray tele-scope 8-81540
- Butler, R.F. *see* Bressler, S.L. 8-65179
- Butler, S.M. *see* Bongianini, W.L. 8-50312
- Butler, T.E. *see* Lessen, M. 8-92955
- Butler, W.H. *see* Pinski, F.J. 8-80085
- Butorin, D.I. Solution of infinite systems of linear algebraic equations in the problem of scattering of radio waves on a semi-infinite plate 8-55286
- Butov, V.L. *see* Povrozin, A.I. 8-90838
- Butrymowicz, D.B., Manning, J.R. Chemical interdiffusion and Kirkendall shifts in silver-cadmium alloys 8-78729
- Butscher, W., Thunemann, K.-H. A non-empiri-cal SCF and CI study of the electronic spec-trum of pyrrole 8-78644
- Butt, J.B. *see* Lee, J.W. 8-68914
- Butt, N.M., Rouse, K.D., Thomas, M.W. Debye-Waller factors of CuBr by powder neutron diffraction at 295K 8-91407
- Butter, C.D., Hocker, G.B. Fiber optics strain gauge 8-94426
- Butter, E. *see* Gottschalech, V. 8-88434
- Butter, E. *see* Knobloch, G. 8-95132
- Butterfield, K.B., Gerstenberger, D.C., Shay, T., Little, W.L., Collins, G.J. Collisional quench-ing of $\text{Xe}^{+}(^2\text{P})$ and $\text{He } 2^3\text{S}$ metastables by calcium and strontium metal vapors 8-66653
- Butterfield, K.B. *see* Loree, T.R. 8-55211
- Butterfield, R. An application of the boundary element method to potential flow problems in generally inhomogeneous bodies 8-94634
- Butterfield, R. *see* Brebbia, C.A. 8-81814
- Butters, J.N. *see* Cookson, T.J. 8-65961
- Butters, J.N. *see* Wykes, C. 8-94380
- Butterworth, I. *see* Baland, J.F. 8-93911
- Butterworth, I. *see* Bosetti, P.C. 8-70357
- Butterworth, I. *see* Cameron, W. 8-54653
- Buttgenbach, S., Dicke, R., Gebauer, H., Kuhn-en, R., Traber, F. Hyperfine structure of seven atomic levels of ^{91}Zr and the ^{91}Zr nuclear electric quadrupole moment 8-55133
- Buttgenbach, S., Dicke, R., Gebauer, H., Kuhn-en, R., Traber, F. Hyperfine structure of six low-lying fine structure levels of ^{191}Ir and ^{193}Ir and the ^{191}La , ^{193}La hyperfine anomaly 8-66214
- Buttgenbach, S. *see* Huber, G. 8-78826
- Buttgenbach, S. *see* Liberman, S. 8-86829
- Buttler, H. *see* Hannebauer, F. 8-62757
- Buttle, P.J.A. DWBA program for heavy ion transfer reactions 8-50145
- Buttsev, B.I. *see* Borman, V.D. 8-64256
- Buturiakin, A.P. *see* Gurzan, M.I. 8-68514
- Buturiakin, A.P. *see* Vysochanskii, Yu.M. 8-88263
- Butusov, M., Jussila, K. Dynamics of birefr-ingence properties in 17/30/70 PLZT ceramics 8-72487
- Butuzov, V.P. *see* Klimentkova, N.T. 8-52581
- Butvin, P. *see* Kokavec, J. 8-93693
- Butylkin, J.P., Grinenko, A.A., Polak, L.S., Slovetsky, D.I. Some special features of carbon dioxide dissociation process in glow discharge with hollow cathode 8-70946
- Butz, M. *see* Hirth, W. 8-81572
- Butz, T. On the volume and structure depen-dence of electric field gradients in close-packed metals. I 8-51947
- Butz, T. On the volume and structure depen-dence of electric field gradients in close-packed metals. II 8-64014
- Butz, T., Gobel, H., Holzapfel, W.B., Wort-mann, G., Kalvius, G.M. A TDPAC high-pressure study of the electric field gradients at tantalum in ω -zirconium 8-52384
- Butz, T., Potzel, W., Wortmann, G., Kalvius, G.M. Pressure dependence of the electric field gradient at ^{181}Ta in group IIIB metals: Sc, Y, Lu 8-52385
- Butz, T., Saitovitch, H., Lorf, A., Zagefka, H.-D., Schollhorn, R. Charge transfer in the layered compound TaS_2 intercalated with NH_3 studied by perturbed angular correlations 8-76366
- Butz, T. *see* Rasera, R.L. 8-76364
- Butzek, D.A. Sealing performance of silver-coated metal seals in the 20C-450C tempera-ture range 8-81996
- Buxton, B.F., Loveluck, J.E., Steeds, J.W. On the correspondence between atomic or mole-cular orbitals and Bloch functions in 2-d high-energy electron diffraction 8-83662
- Buxton, B.F., Tremewan, P.T. Band theory in high-energy electron diffraction and the zone axis critical-voltage effect 8-83659
- Buxton, R. The interpretation and justification of the subjective Bayesian approach to statisti-cal inference 8-57729
- Buyal'skii, V.V., Koshchavtsev, N.F., Pavlov, V.A. Photometer for measuring the natural night illumination in the 0.4-1.2 μm spectral region 8-57367
- Buyan, G.P., Leshchenko, V.N., Pogorelov, V.E. Concentration dependence of widths and inte-gral intensities of polarized lines in Raman scattering 8-70879
- Buyers, W.J.L. *see* Armstrong, R.L. 8-51673
- Buyers, W.J.L. *see* Dolling, G. 8-59900
- Buyers, W.J.L. *see* Kim, S.M. 8-51531
- Buyers, W.J.L. *see* Svensson, E.C. 8-68200
- Buyevich, A.V., Lavrov, Ye.I., Rosinskiy, A.Z., Sokolov, O.I., Shklover, G.G. Heat transfer and gasdynamics of discharge of hot steam into a condenser through a supersonic nozzle 8-55671
- Buyevich, Yu.A., Shchelchkova, I.N. Flow of dense suspensions 8-67255
- Buyukozturk, O., Connor, J.J. Nonlinear dynamic response of reinforced concrete under impulsive loading: research status and needs 8-94054
- Buzaneva, E.V., Lobarev, E.N. Electron processes at the metal-n-gallium arsenide interface in Schottky-barrier diodes 8-84301
- Buzaneva, E.V., Lobarev, E.N., Strikha, V.I. Physical processes in Schottky-barrier metal-thin oxide-semiconductor structures and their application in microelectronics 8-84307
- Buzano, C., Rasetti, M., Vadacchino, M. Some new results in non-commutative algebra in the calculation of a two-point function 8-57734
- Buzdin, A.I., Bulaevskii, L.N. Commensurability effect at the Peierls transition in quasi-one-dimensional compounds 8-72095
- Buzdin, A.I. *see* Bulaevskii, L.N. 8-84441
- Buzhinskii, I.M., Emel'yanova, N.I., Pechneva, O.P. Phosphate glasses for manu-facturing a glass fiber that is transparent in the ultraviolet region 8-87113
- Buzhinskii, I.M., Filina, E.V., Samuilov, A.V., Zhukovets, Zh.G. Method of determining the quality of fiber-optic glass pairs 8-90522
- Buzhinskii, I.M. *see* Bardin, V.P. 8-90541
- Buzin, I.M. Dielectric loss of SrTiO_3 at micro-wave frequencies 8-52440
- Buzin, V.A. *see* Nezhikhovskii, R.A. 8-92863
- Buz'ko, A.M. *see* Potemkin, V.V. 8-64229
- Buznik, V.M., Porozov, N.A., Popilov, E.A., Beznosikov, B.V., Zeer, E.P. Spin density at thallium nuclei in TlBCl₂ paramagnets deduced from NMR data 8-88200
- Buznik, V.M. *see* Aleksandrov, K.S. 8-51664
- Buzlukov, Yu.P., Venikov, N.I., Vinogradov, A.A., Naumov, I.V., Paramonov, V.V., Khodakov, E.M., Shapkin, I.M., Yarosh, V.E. Automated system of measuring magnetic field of an isochronous cyclotron 8-82547
- Buzynin, A.N. *see* Kapustina, M.D. 8-67781
- Buzynov, A.E. *see* Baldin, A.V. 8-88475
- Buzzard, R.J., Fisher, D.M. Load-displacement measurement and work determination in three-point bend tests of notched or pre-cracked specimens 8-53054
- Buzzelli, G., Langer, S. Thorium conversion and tritium fission yields in an EBR-II irradiation 8-86609
- Buzzelli, G. *see* Langer, S. 8-82453
- Buzzi, A., Tibaldi, S. Cycloaenesis in the lee of the Alps: a case study 8-77305
- Byadretidnova, M.A., Glezer, A.M. Trans-formations during the annealing of the alloy 45KKhVN and the nature of its hardening 8-56653
- Byadretidnova, M.A., Glezer, M.A., Potem-kina, V.F. Plastic deformation in the alloy 45KKhVN 8-80584
- Byakov, V.M., Gol'danskii, V.I., Shantarovich, V.P. Energy of positron hydra-tion and positronium oxidation reaction 8-61039
- Byakov, V.M. *see* Bugaenko, V.L. 8-70980
- Byalko, A.V. The development of primordial black holes. I. The possibility of the black-hole dominant Era 8-93299
- Bybee, R.L. *see* Timothy, J.G. 8-86334
- Byberg, J.R. ESR spectra of O_3^- and ClO_3^- exchange-coupled to molecular oxygen 8-64856
- Byberg, J.R. ESR study of KClO_4 crystals doped with chlorate 8-76311
- Byberg, J.R. Detection by ESR of oxygen mole-cules formed as defects in single crystals 8-84474
- Bychenkov, V.S. *see* Bochagov, B.A. 8-94041
- Bychkov, K.V. *see* Bychkova, V.S. 8-53969

- Bychkov, R.M.**, Koronkevich, V.P., Chugui, Yu.V. Measuring thread parameters by the methods of coherent optics 8-89439
- Bychkov, V.L.**, Eletskii, A.V. A contraction of the discharge in an inert gas 8-91176
- Bychkov, V.L.**, Eletskii, A.V. Heat-conduction mechanism in nonequilibrium molecular gas 8-94885
- Bychkov, V.V.** *see* Romanova, R.R. 8-76666
- Bychkov, Yu.I.**, Korolev, Yu.D., Mesyats, G.A., Khuzeev, A., Shemyakin, I.A. Investigation of the space discharge excited by an electron beam in a mixture of Ar and SF₆ 18-83629
- Bychkov, Yu.I.**, Korolev, Yu.D., Mesyats, G.A., Khuzeev, A.P., Shemyakin, I.A. Investigation of the space discharge excited by an electron beam in a mixture of Ar and SF₆ II 8-83630
- Bychkov, Yu.I.**, Orlovskii, V.M., Osipov, V.V. Characteristic features of the operation of an electron-beam-controlled CO₂ laser in the pressure range 1-10 atm 8-71118
- Bychkova, V.S.**, Bychkov, K.V. Hydrogen abundance in type I supernovae and supernova remnants 8-53969
- Bychkovskii, R.V.** *see* Ukhlinov, G.A. 8-57901
- Byckling, E.** *see* Salomaa, R. 8-54375
- Bye, G.C.**, Simpkin, G.T. The effect of chromium and iron in solid solution on the point of zero charge of alumina 8-61021
- Bye, P.**, Davies, A.J., Dutton, J., Waters, R.T. Photomultiplier and fluxmeter measurements in sphere-plane gaps subjected to lightning impulses 8-87580
- Byelostotskii, Yu.G.** *see* Bogoyavlenskii, K.N. 8-51135
- Byer, N.E.** *see* Sun, T.S. 8-71962, 8-95227
- Byer, R.L.**, Paul, J., Duncan, M.D. A wavelength meter 8-89448
- Byer, R.L.**, Trutna, W.R. 16-μm generation by CO₂-pumped rotational Raman scattering in H₂ 8-94410
- Byer, R.L.** *see* Baumgartner, R. 8-59089
- Byer, R.L.** *see* Baumgartner, R.A. 8-77365
- Byerley, L.G.**, III *see* Winn, W.P. 8-85636
- Byerly, P.E.**, Stolt, R.H. An attempt to define the Curie point isotherm in northern and central Arizona 8-61315
- Byers, J.A.**, Cohen, B.I., Condit, W.C., Hanson, J.D. Hybrid simulations of quasineutral phenomena in magnetized plasma 8-67403
- Byford, G.H.** *see* Adams, E.R. 8-57102
- Bykh, A.I.**, Kukova, A.V., Shipov, V.M. Programmed pulse generator for excitation of electrochemiluminescence 8-74026
- Bykhovskaya, L.N.**, Gurevich, I.M., Lopukhin, V.V., Selivanova, L.F. Investigation of the characteristics of fast-response sealed dischargers triggered by laser radiation 8-51391
- Bykov, A.B.**, Timofeeva, V.A. Phase equilibria in solvent-garnet systems 8-95247
- Bykov, G.S.** *see* Borishansk, V.M. 8-90987
- Bykov, I.P.**, Geifman, I.N., Glinchuk, M.D., Deigen, M.F., Krulikovskii, B.K. Electron-spin resonance spectrum from Mn²⁺ in the T₂ phase of NaNbO₃ 8-88179
- Bykov, M.M.** *see* Bulgakov, B.M. 8-50833
- Bykov, M.V.** *see* Spivak, G.V. 8-95985
- Bykov, S.N.** *see* Ryabov, V.M. 8-76818
- Bykov, V.I.** *see* Pryanishnikov, V.P. 8-88441
- Bykov, V.N.** *see* Alekseeva, O.K. 8-76555
- Bykov, V.N.** *see* Golovkin, V.S. 8-72374
- Bykovskaya, L.A.** *see* Kharlamov, B.M. 8-76504
- Bykovskii, Yu.A.**, Babenkov, L.M., Basova, T.A., Belousov, V.I., Gladskoi, V.M., Gorshkov, V.V., Degtyarev, V.G., Laptev, I.D., Nevolin, V.N. High-yield laser ion source with plasma focusing for mass-spectrometric analysis of solids 8-61097
- Bykovskii, Yu.A.**, Dudoladov, A.G., Kozlenkov, V.P., Leont'ev, P.A. Proposed laser synthesis of thick epitaxial films of semiconducting compounds 8-68629
- Bykovskii, Yu.A.**, Smirnov, V.L., Shmal'ko, A.V. Recording of phase relief holograms on a surface of GaAs_{1-x}P_x and As₂S₃ semiconductor films 8-50741
- Bykovskii, Yu.A.**, Zakharov, Yu.P., Makovkin, A.V., Malyshev, V.K., Molochev, V.I., Smirnov, V.L., Talenskii, O.N., Shmal'ko, A.V. Integrated-optics functional elements based on epitaxial GaAlAs-GaAs heterostructures 8-50948
- Bykovskii, Yu.A.**, Zhuravlev, G.I., Belousov, V.I., Gladskoi, V.M., Degtyarev, V.G., Kosolov, Yu.N., Nevolin, V.N. The relative yields of ions of chemical elements from a laser plasma 8-59631
- Byl, J.** Hydrologic influence on the long-period motions of a plumb line in Potsdam 8-57222
- Bylander, E.G.** Surface effects on the low-energy cathodoluminescence of zinc oxide 8-60522
- Bylinkin, V.A.** *see* Belogurov, V.N. 8-91849
- Byon, O.II.** *see* Uemura, M. 8-55579
- Byrd, G.G.** Illusionary warps in H I disks or nearly edge-on spiral galaxies 8-65682
- Byrd, R.C.** *see* Tornow, W. 8-70393, 8-70514
- Byrkin, A.P.** Exact solutions of the Navier-Stokes equations for a flow of incompressible gas in ducts with boundary-layer control by suction (or injection) 8-67266
- Byrne, B.P.** The steady-state concept and digital methods 8-57718
- Byrne, D.M.** *see* Reagan, J.A. 8-61501
- Byrne, J.** Young's double beam interference experiment with spinor and vector waves 8-89363
- Byrne, J.** *see* Ribeiro, J.P. 8-86761
- Byrne, J.G.** *see* Duffin, R.L. 8-64572
- Byrne, J.G.** *see* Johnson, M.L. 8-80606, 8-84677
- Byrne, J.G.** *see* Panchanadeeswaran, S. 8-76554
- Byrne, J.V.** Force on a magnet immersed in a ferrofluid 8-94350
- Byrom, E.** *see* Ellis, D.E. 8-67973
- Byron, D.J.**, Lacey, D., Wilson, R.C. Properties of the liquid crystals formed by certain 4-biphenyl 4'-n-alkoxybenzoates. A reinvestigation 8-75815
- Byron, F.W., Jr.** Comment on dispersion relations for the static-exchange amplitude 8-66664
- Byron, F.W., Jr.**, Joachain, C.J. Exchange amplitudes and forward dispersion relations for electron-atomic hydrogen scattering 8-78812
- Byrski, T.** *see* Beck, F.A. 8-70487
- Byrski, Th.** *see* Delaplanque, M.A. 8-93963
- Bystritskii, V.M.**, Remnev, G.E., Usov, Yu.P. Time structure of a high-current electron beam 8-66434
- Bystroff, R.I.** *see* Reynolds, W.D. 8-53586
- Bystrov, M.V.**, Kobrin, M.M., Snegirev, S.D. Pulsations of the Earth's magnetic field before solar proton flares 8-69291
- Bystrov, V.F.**, Arseniev, A.S., Gavrilov, Yu.D. NMR spectroscopy of large peptides and small proteins 8-88694
- Bystrov, V.P.**, Volkov, A.A., Irisova, N.A., Kozlov, G.V., Prokhorov, A.M., Chernyshev, I.M. Electrooptic materials in the submillimetre range 8-76428
- Bystrov, Yu.A.** Dynamic electron beam deflection sensitivity during interaction with a transverse magnetic field 8-86386
- Bystrova, M.I.** *see* Umrkikhina, A.V. 8-76994
- Byteva, I.M.**, Stopolyanskaya, L.V. Study of the role of oxygen in the process of regeneration of photo-reduced chlorophyll and its analogues in solution 8-68980
- Byung Chan Eu**, Zaritsky, N. Semiclassical theory of predissociation: uniform semiclassical wavefunction approach 8-90241
- Byung Hwan Oh**, Sam Lai Lee, Byung Koo Kim Go-ri nuclear power plant unit No.1 containment integrated leak rate test 8-54851
- Byung Koo Kim** *see* Byung Hwan Oh 8-54851
- Byung M. Kwak** *see* Haug, E.J. 8-63396
- Byung-Doo Choe**, Seung-Joo Lee, Key-Soo Kim, Ki-Seon Lee Study on the crystal growth of GaP by synthesis solute diffusion method 8-52653
- Byung-Ha Cho** *see* Changkeun Jue 8-50058, 8-78124
- Byungho Lee** *see* Ilsoon Hwang 8-86571
- Bywater, R.A.** *see* Warren, P.R. 8-93417
- Byzov, A.L.**, Golubtsov, K.V. Model of the feedback mechanism through electric current in a chemical synapse 8-96043
- Byzov, N.N.** *see* Bordovitsyn, V.A. 8-66056
- Byzova, N.L.**, Kal'yankina, T.A. Turbulence and internal wave spectra in a stably stratified boundary layer from observations on high mast 8-81297
- Bzhalava, T.A.**, Shul'man, S.G., Kapanaдзе, A.A., Smirnov, I.A. First-order transition in samarium monosulphide 8-52040
- C., I.Hernandez *see* Hernandez C., I.
- C., R.Carrillo *see* Carrillo C., R.
- C-Lun Chow** *see* Burns, S.J. 8-79261
- Caan, M.N.**, Hones, E.W., Jr., Lui, A.T.Y., Meng, C.-I., Akasofu, S.-I. Comment on 'Search for the magnetic neutral line in the near-Earth plasma sheet. II. Systematic study of Imp 6 magnetic field observations' by A.T.Y. Lui, C.-I. Meng, and S.-I. Akasofu [and reply] 8-89007
- Cabaj, A.** *see* Holler, W. 8-80992
- Cabana, A.** *see* Laurin, M. 8-55173
- Cabanas, R.** *see* Le Petit, J.P. 8-72459
- Cabanie, J.P.** *see* Hazan, J.P. 8-71205
- Cabaret, D.** *see* Barbarin, F. 8-75546, 8-76314
- Cabaud, B.** *see* Hoareau, A. 8-86985
- Cabelka, D.** *see* Jergel, M. 8-60257
- Cabib, D.** *see* Benguigui, L. 8-63673, 8-91226
- Cabibbo, N.**, Petronzio, R. Two-stage model of hadron structure: parton distributions and their Q²-dependence 8-66078
- Cable, C.R.** Time-delay spectrometry investigation of regenerative sound systems 8-51006
- Cable, J.W.** Local environment effects in disordered alloys 8-68172
- Cabot, C.**, Della Negra, S., Deprun, C., Gauvin, H., Le Beyec, Y. Copper ion induced reactions on ¹¹⁰Ag, ¹⁰⁶Cd, ¹⁰⁹Ag and ¹¹⁰Pd. New rhenium, osmium and iridium isotopes 8-70563
- Cabot, R.C.** Impulse response testing of acoustic spaces 8-66987
- Cabot, R.C.** Computer-aided computation of room resonances 8-87205
- Cabrera, G.G.** Resistivity of ferromagnetic metals with domain structure 8-95285
- Cabrera, J.M.** *see* Aguilar, M. 8-80399
- Cabrera, N.** *see* Garcia, N. 8-81876
- Cabrera, N.** *see* Goodman, F.O. 8-92161
- Caby, R.** *see* Mevel, C. 8-65304
- Caccamo, C.** *see* Albramo, M.C. 8-59732
- Cacciani, A.** Emission of flares in sodium light and their position relative to the magnetic fields 8-96456
- Cacciatore, M.A.** *see* Gorse, C. 8-83521
- Caccin, B.**, Falciani, R., Donati Falchi, A. Variation of the profiles of medium-strong photospheric lines with heliographic latitude 8-61837
- Cackovic, H.**, Loboda-Cackovic, J., Hosemann, R. Recrystallization of polymers during drawing 8-76658
- Caddick, J.** *see* v. Hellfeld, A. 8-58796
- Cade, R.** A perturbation method for solving torus problems in electrostatics 8-78851
- Cade, R.** The electrohydrodynamical determination of double-layer structure 8-95960
- Cadek, J.** *see* Fiala, J. 8-63926
- Cadene, M.** *see* Demens, P. 8-64153
- Caderni, N.**, Fabbri, R. Neutrino viscosity in Bianchi type IX universes 8-77633
- Caderni, N.**, Fabbri, R., Melchiorri, B., Melchiorri, F., Natale, V. Polarisation of the microwave background radiation. I. Anisotropic cosmological expansion and evolution of the polarisation states 8-73778
- Caderni, N.**, Fabbri, R., Melchiorri, B., Melchiorri, F., Natale, V. Polarization of the microwave background radiation. II. An infrared survey of the sky 8-73779
- Caderni, N.**, Fabbri, R., van den Horn, L.J., Siskens, Th.J. The weak interaction and the isotropy of the Universe 8-61947
- Cadet, J.** *see* Sharpaty, V.A. 8-77001
- Cadet, J.-P.** *see* Bebieu, J. 8-77238
- Cadez, I.** *see* Schermann, C. 8-78034
- Cadihac, M.** *see* Roger, A. 8-58914
- Cadle, R.D.**, Mroz, E.J., Hobbs, P.V., Radke, L.F., Stith, J.L., Pearce, J.S., Pearce, V.B. Particles in the eruption cloud from St. Augustine volcano 8-57186
- Caelli, T.**, Hoffman, W., Lindman, H. Subjective Lorentz transformations and the perception of motion 8-69082
- Caelli, T.**, Julesz, B. On perceptual analysers underlying visual texture discrimination 8-53412
- Caelli, T.**, Julesz, B., Gilbert, E. On perceptual analysers underlying visual texture discrimination. II 8-85310
- Caelli, T.M.**, Preston, G.A.N., Howell, E.R. Implications of spatial summation models for processes of contour perception: a geometric perspective 8-69094
- Cafaro, A.**, Hedgcock, F.T., Muir, W.B. Magnon drag and the low temperature thermopower of GeMnTe 8-56169
- Cafasso, F.A.**, Cost, J.R., Darken, L.S., Nachtrieb, N.H. Thermodynamics and electrochemistry 8-88643
- Caffarelli, L.A.**, Friedman, A. The one-phase Stefan problem and the porous medium diffusion equation: continuity of the solution in n space dimensions 8-95130
- Cafiero, A.V.** *see* Olsen, G.H. 8-92183
- Cagnac, B.**, Bassini, M., Biraben, F., Grynberg, G. Optical transients in Doppler-free two-photon excitation 8-86977
- Cagnac, B.** *see* Trehin, F. 8-63118
- Cagnetti, V.**, Pasquale, V., Polinari, S. Fault-plane solutions and stress regime in Italy and adjacent regions 8-69299
- Cagny, C.** *see* Desmet, A. 8-61365
- Cahalan, R.** *see* Balachandran, A.P. 8-54225, 8-54226
- C.A.H.A.Mutsaers.** *see* Mutsaers. C.A.H.A.
- Cahan, B.D.** *see* Adzic, R. 8-61047
- Cahen, D.**, Itzhak Lerner, E., Auerbach, A. Simple setup for single and differential photoacoustic spectroscopy 8-86349
- Cahill, K.** Example of color screening 8-82102
- Cahill, K.**, Stoltzfus, N. Topological cohesion 8-62295
- Cahill, L.J., Jr.**, Greenwald, R.A., Nielsen, E. Auroral radar and rocket double-probe observations of the electric field across the Harang discontinuity 8-88971

- Cahill, L.J., Jr.** *see* Kintner, P.M. 8-65457
- Cahill, R.A.** *see* Ruch, R.R. 8-85740
- Cahill, T.A., Fletcher, N.R., Medsker, L.R., Nelson, J.W., Kaufmann, H., Flochini, R.G.** Proton-induced X-ray analysis of monazite inclusions possessing pleochroic halos 8-69350
- Cahn, J.H., Wyatt, S.P.** The correlation of mass outflow velocity and luminosity for Mira variables 8-93270
- Cahn, R.N.** Azimuthal dependence in leptoproduction: a simple parton model calculation 8-93887
- Cahn, R.N., Ellis, S.D.** Decays of the Y' and the structure of the resonances at 10 GeV 8-66115
- Cahn, R.N., Gilman, F.J.** Polarized-electron-nucleon scattering in gauge theories of weak and electromagnetic interactions 8-58193
- Cahn, R.W.** Deformation and recrystallization textures in metals and quartz 8-68708
- Cahn, R.W.** *see* Bhatia, M.L. 8-76660
- Cahoun, M.D.** Simulation of atmospheric attenuation and turbulence in a pulsed laser Doppler velocimeter system 8-73513
- Cahuzac, P., Toschek, P.E.** Observation of light induced collisional energy transfer 8-50614
- Cahuzac, Ph., Toschek, P.E.** Light-assisted collisional energy transfer 8-90285
- Cai Jian-Hua** *see* Gong Change-De 8-52115
- Cai Jing-rong** *see* Jiang Zun-fu 8-74824
- Cai Jun-Dao** *see* Feng Ke-An 8-66708
- Cai Jun-Dao** *see* Gong Change-De 8-52115
- Caianiello, E.R., Marinaro, M., Scarpetta, G.** Some unorthodox expansion in quantum field theory and statistical mechanics 8-49759
- Cailleau, H.** *see* Messenger, J.C. 8-55825
- Cailleteau, J.** *see* Devoto, R.S. 8-59709
- Caimi, F.** The photodichroic alkali-halides as optical processing elements 8-83056
- Caimi, F.** *see* Nishimura, M. 8-66777
- Caimmi, R.** Chemical evolution of the Galaxy at the initial rapid-collapse phase 8-69870
- Cain, C.A., Rissmann, W.J.** Mammalian auditory responses to 30 GHz microwave pulses 8-53444
- Cain, F.L.** *see* Toler, J.C. 8-73174
- Cain, G.D., Cappellini, V., Del Re, E.** A digital bandpass analysis approach for biomedical signal processing and telemetry 8-57107
- Cain, J.** *see* Hovestadt, D. 8-85790
- Cain, O.J., Vook, R.W.** The characteristics of epitaxial overgrowths of cuprous sulfide formed on copper films investigated by reflection high energy electron diffraction 8-84101
- Cain, O.J., Vook, R.W.** Epitaxial layers of Cu_2S grown from liquid solution and investigated by RHEED 8-91558
- Cain, W.D.** Magnetic field computations for ISX using GFUN-3D 8-66368
- Cain, W.D., Gray, W.H., Hendrich, W.R., Nelson, B.E., Stoddard, W.C.T.** Structural analysis of the Large Coil Segment test 8-50373
- Caine, P.** *see* Walkden, F. 8-51190
- Caird, J.A., Hessler, J.P., Carnall, W.T., Williams, C.W., Lance-Gomez, T.** $TbCl_3-AlCl_3$ vapors: characteristics of a potential new high energy gas phase laser medium 8-63075
- Cairns, J., Jr., Dickson, K.L.** Field and laboratory protocols for evaluating the effects of chemical substances on aquatic life 8-53604
- Cairns, J., Jr.** *see* Almeida, S.P. 8-69261
- Cairns, T.L.** *see* Hebel, L.C. 8-54863
- Caironi, E.** Potential of glass capillary columns and specification of a dedicated instrument 8-80804
- Cakiroglu, A.O.** *see* Civelek, M.B. 8-87307
- Cakmak, A.S.** *see* Askar, A. 8-57805, 8-77273, 8-92453
- Cala, S.E.** *see* Zolnowski, D.R. 8-70556
- Calado, J.C.G., Gray, C.G., Gubbins, K.E., Palavra, A.M.F., Soares, V.A.M., Staveley, L.A.K., Twu, C.-H.** Thermodynamics of binary liquid mixtures involving hydrogen bromide, hydrogen chloride and xenon 8-64876
- Calage, Y., Pannetier, J., Lucas, J.** The phases $Cd_2Nb_{2-2x}Sn_{2x}O_{7-2x}F_{2x}$ 8-87659
- Calage, Y., Varret, F.** The crystalline structure of pyrochlores $A'Fe^{III}B''F_6$: A Mossbauer investigation 8-52381
- Calame, O., Mulholland, J.D.** Lunar crater Gior-dano Bruno: A.D. 1178 impact observations consistent with laser ranging results 8-69717
- Calame, O., Mulholland, J.D.** Lunar tidal acceleration determined from laser range measures 8-69718
- Calamitout, M., Filippakis, S.E.** Experimental ϵ_{220} values for the anomalous absorption of X-rays by perfect Si crystals 8-83650
- Calan, C.** *see* de Calan, C.
- Calandra, C.** *see* Bertoni, C.M. 8-91744, 8-95332
- Calandra, C.** *see* Bisi, O. 8-72236
- Calaprice, F.P., Alburger, D.E.** Beta spectrum of ^{20}F 8-50131
- Calas, J.** *see* Fau, C. 8-55862
- Calatroni, J.** *see* da Costa, G. 8-82927
- Calaway, W.F.** Electrochemical extraction of hydrogen from molten $LiF-LiCl-LiBr$ and its application to liquid-lithium fusion reactor blanket processing 8-53217
- Calcagnile, G., Panza, G.F.** Crust and upper mantle structure under the Baltic shield and Barents Sea from the dispersion of Rayleigh waves 8-77204
- Calcagnile, G., Prete, M.D., Monterisi, L., Panza, G.F.** Seismic risk of Basilicata in its geotectonic frame 8-65195
- Caldemaison, D., Lemerrier, C., Saada, G.** Mechanical properties of vitreous selenium at low temperature 8-55908
- Calder, I.D.** Calculations of the effects of non-parallelism on measurements of ultrasonic attenuation and velocity 8-55537
- Calderon, C.H.J.** *see* Morgan, M.G. 8-93041
- Calderon, M.O., Chen, F.F.K., Denhoy, B.S.** Mechanical design for TMX injector system 8-66403
- Calderon, M.O.** *see* Atkinson, D.P. 8-50406, 8-55023
- Calderon, M.O.** *see* Chargin, A.K. 8-54987
- Calderon, M.O.** *see* Hinkle, R.E. 8-58494
- Calderon, M.O.** *see* Thomas, S.R., Jr. 8-50404
- Caldersmith, G.** Guitar as a reflex closure 8-63243
- Calderwood, J.H.** *see* Lakshmi, A. 8-68446
- Calderwood, J.H.** *see* Sierota, A. 8-87558
- Caldirola, P.** The chronon in the quantum theory of the electron and the existence of heavy leptons 8-70008
- Caldirola, P.** On a model of the relativistic electron deriving from the introduction of the chronon 8-93827
- Caldirola, P., Pavisic, M., Recami, E.** Classical quark confinement from general relativity 8-58162
- Caldirola, P.** *see* Prosperetti, A. 8-83456
- Caldwell, C.W.** *see* McRae, E.G. 8-68067, 8-71648
- Caldwell, D.** The role of circular dichroism in spectroscopy as elucidated by sum rules 8-58059
- Caldwell, D.** A general parametrization method for configuration interaction in spectroscopy 8-94228
- Caldwell, D.O., Cumalat, J.P., Eisner, A.M., Lu, A., Morrison, J.R., Murphy, F.V., Yellin, S.J., Davis, P.J., Egloff, R.M., Franklin, M.E.B., Luste, G.J., Martin, J.F., Pernice, I.D., Nash, T.** Measurements of the photon total cross section on protons from 18 to 185 GeV 8-54635
- Caldwell, D.R.** The maximum density points of pure and saline water 8-57900
- Caldwell, D.R.** *see* Marmorino, G.O. 8-61571
- Caldwell, G.** *see* Gentle, K. 8-54984
- Caldwell, G.S., Patterson, D.M., Macmahon, A.B.** Multichannel A/D subsystem for text data acquisition 8-54936
- Caldwell, J.** *see* Groth, E.J. 8-57482
- Caldwell, J.G.** *see* McAdoo, D.C. 8-73341
- Caldwell, J.G.** *see* Turcotte, D.L. 8-81135
- Caledonia, G.E.** *see* Kennealy, J.P. 8-90163
- Cales, B.** *see* Levasseur, A. 8-51730
- Calhoun, B.A.** *see* Moore, E.B. 8-68324
- Calhoun, R., Lowengrub, M.** Stress in the vicinity of a Griffith crack at the interface of a layer bonded to a half plane—an approximate method 8-79258
- Cali, J.P.** Toward a national environmental monitoring system. Measurement is a key 8-77329
- Califano, S.** *see* Bokhenkov, E.L. 8-51629
- Califano, S.** *see* Righini, R. 8-56481
- Caligaris, R.E., Crangel, J.C.** Third virial coefficients for helium 8-94880
- Calil, S.F., Hearle, J.W.S.** Fatigue of fibres by biaxial rotation over a pin 8-64699
- Calimani, E.** *see* Krenz, W. 8-54624
- Calka, A.** *see* Polk, D.E. 8-64497
- Calkins, J., Ballard, R., Gillespie, M.** Ultraviolet light-induced reactivation of alpha-irradiated yeast cells 8-80920
- Calkins, J.L., Hochheimer, B.F.** A specular illuminating arrangement for holographically stress-testing corneal wounds in post-operative patients 8-65102
- Call, D.L.** *see* Jacobson, A.R. 8-55748
- Call, W.R.** *see* Denhoy, B.S. 8-54382
- Callaghan, T., Schwanebeck, J., Toth, L., Dayan, M., Goldman, A.M.** A simple method for growing V_2Si single crystals 8-64467
- Callahan, W.H., Kerr, J.W.** Cornwallis Lead-Zinc District; Mississippi Valley-type deposits controlled by stratigraphy and tectonics: discussion [and Reply] 8-73366
- Callahan, W.M.** *see* Johnston, W.D. 8-91760
- Callan, C.G., Dashen, R., Gross, D.** Phase transitions in QCD as tunneling through singular barriers 8-82145
- Callan, C.G., Jr., Dashen, R.F., Gross, D.J.** The structure of hadrons in QCD 8-93849
- Callander, R.A.** River meandering 8-61475
- Callarotti, R.C.** *see* Henisch, H.K. 8-84270
- Callaway, J.** Two-electron excited states of helium 8-58605
- Callaway, J.** The variational method in atomic scattering 8-86951
- Callaway, J., Laurent, D., Wang, C.S.** Calculations of energy bands in paramagnetic 3d transition metals 8-91608
- Callaway, J., Rau, A.R.P.** Effect of an electric field on autoionising states of H^- 8-50528
- Callaway, J.** *see* Wang, C.S. 8-75977
- Callcott, T.G.** *see* Singh, B. 8-83493
- Callear, A.B., Kendall, D.R.** The origin of the excited mercury-ammonia emission at low pressures reply to Umemoto et al 8-90198
- Calleb, B.O.** Existence of solutions for the prestressed non-linear orthotropic heated plates 8-63286
- Callebaut, D.K.** Ion density in ionizing beams. I 8-83582
- Callebaut, D.K.** *see* Knuyt, G.K. 8-83583
- Callegari, A., Nachman, A.** Some singular, non-linear differential equations arising in boundary layer theory 8-63413
- Callega, F.J.** Balta *see* Balta Callega, F.J.
- Callega, J.M., Kuhl, J., Cardona, M.** Resonant Raman scattering in diamond 8-60471
- Callen, E.** *see* Cullen, J.R. 8-52331
- Callen, E.** *see* Stern, E.A. 8-51421
- Callen, H., de Moura, M.A.** Magnetic transitions in europium selenide 8-52251
- Callen, J.D.** *see* Peng, Y.-K.M. 8-58419
- Callen, J.D.** *see* Tsang, K.T. 8-71482, 8-79431
- Callen, J.D.** *see* Uckan, N.A. 8-54892
- Callender, R.H.** *see* Aton, B. 8-64939
- Callender, R.H.** *see* Doukas, A.G. 8-73137
- Callens, A., Fersels, L., De Batist, R.** Low-temperature internal friction on γ -irradiated polyvinylidene fluoride (PVDF) 8-83874
- Callias, C.** Axial anomalies and index theorems on open spaces 8-93821
- Calligaris, E.** *see* Forino, A. 8-78220
- Callis, L.B., Nealy, J.E.** Solar UV variability and its effect on stratospheric thermal structure and trace constituents 8-61492
- Callis, R.W., Lutz, G.R., Miller, J.E., Jr., Peuron, U.A., Puhn, F.A., Sabado, M.M., Krusche, H.S., Schupp, A.A., Jr.** The mechanical design of the Doublet III indented vacuum vessel 8-74490
- Callis, W.P.** Electrostatic-ion pumps in a vacuum calibration system 8-57971
- Calmet, J., Groth, H., Owen, D.A.** Comment on radiative magnetic energy shifts in hydrogen 8-58601
- Calo, S.B., Schiff, L., Staras, H.** Effects of rain on multiple access transmission of data via satellite 8-77313
- Calogero, F.** Asymptotic behaviour of the zeros of the (generalized) Laguerre polynomial $L_n^\alpha(x)$ as the index $\alpha \rightarrow 1$ and limiting formula relating Laguerre polynomials of large index and large argument to Hermite polynomials 8-93509
- Calogero, F., Degasperis, A.** Extension of the spectral transform method for solving non-linear evolution equations 8-57745
- Calogero, F., Degasperis, A.** Exact solution via the spectral transform of a nonlinear evolution equation with linearly x -dependent coefficients 8-57746
- Calogero, F., Degasperis, A.** Extension of the spectral transform method for solving non-linear evolution equations. II 8-65785
- Calogero, F., Degasperis, A.** Exact solution via the spectral transform of a generalization with linearly x -dependent coefficients of the modified Korteweg-de Vries equation 8-65786
- Calogero, F., Degasperis, A.** Exact solution via the spectral transform of a generalization with linearly x -dependent coefficients of the non-linear Schrödinger equation 8-70005
- Calogero, F., Perelomov, A.M.** Properties of certain matrices related to the equilibrium configuration of the one-dimensional many-body problems with the pair potentials $V_1(x) = -\log|\sin x|$ and $V_2(x) = 1/\sin^2 x$ 8-49692
- Calogero, F.** *see* Ahmed, S. 8-49639, 8-49640
- Caloi, N.P.** On the existence of guide channels for transverse waves in the upper mantle 8-61355
- Caloi, V., Castellani, V., Tornambe, A.** The expected location of zero age horizontal branch stars 8-77551
- Calus, W.F.** *see* Polley, G.T. 8-94558
- Calvani, M., de Felice, F., Muchotrzeb, B., Sal-mistraro, F.** Time machine and geodesic motion in Kerr metric 8-54251
- Calvani, P.** *see* Briganti, G. 8-91967
- Calvarin, G., Berar, J.F., Weigel, D., Azok-pota, C., Pommier, C.** Evolution of the thermal expansion tensors with time. II. Calorimetric and crystallographic study of the order-disorder phase transition of thiophenechromium tricarbonyl $C_4H_4Sc(CO)_3$ 8-79788
- Calvarin, G.** *see* Berar, J.-F. 8-83732
- Calvarin, G.** *see* Clech, G. 8-63749
- Calve, J.** *see* le Calve, J.

- Calvelli, G., Filosofo, I., Pellegrini, F., Pieper, M., Gabrielli, I., Guazzoni, P. The $^{50}\text{V}(\alpha, d)^{52}\text{Cr}$ reaction at 14 MeV and the $J^\pi=8^+$ level of ^{52}Cr 8-74380
- Calvelli, G. *see* Pellegrini, F. 8-94009
- Calvert, A.J. *see* Jacobson, A.J. 8-55852
- Calvert, J.G., Fu Su, Bottenheim, J.W., Strausz, O.P. Mechanism of the homogeneous oxidation of sulfur dioxide in the troposphere 8-96257
- Calvert, J.G. *see* Chang, Y.S. 8-85643
- Calvert, J.G. *see* Lin, C.L. 8-54473
- Calvert, L.D. *see* Wang, Y. 8-75626
- Calvert, L.D. *see* Yu Wang 8-63709, 8-63710
- Calvert, P.D., Ryan, T.G. Redistribution of impurities in crystallizing polymers 8-75577
- Calvetti, M. *see* Bregman, M. 8-89768
- Calvi, G., Cavallaro, S., Figuera, A.S., Fonte, R., Milone, C. Some measurements on neutron polarization from $^3\text{H}(d, n)^4\text{He}$ at $E_d=700$ keV 8-86538
- Calvo, C. *see* Ng, H.N. 8-79581
- Calvo, M. New metastable states in quantum field theory 8-54554
- Calvo, M.L., Duran, A. Fredholm's method for multiple scattering of electromagnetic waves by fixed obstacles 8-71008
- Calvo, M.L. *see* Alvarez-Estrada, R.F. 8-82890
- Calvo, R. *see* Oseroff, S. 8-88184
- Camani, M., Gygax, F.N., Klempt, E., Ruegg, W., Schenck, A., Schilling, H., Schulze, R., Wolf, H. New determination of the magnetic moment of the positive muon from Larmor precession measurements in liquid bromine 8-82259
- Camani, M. *see* Birnbaum, H.K. 8-80269
- Camani, M. *see* Schilling, H. 8-80267
- Camassel, J., Merle, P., Mathieu, H., Chevy, A. Excitonic absorption edge of indium selenide 8-88352
- Camassel, J. *see* Ameziane, E.L. 8-75764
- Camassel, J. *see* Pascual, J. 8-71817
- Cambier, J.L., Wheelers, L.L., Jr. Stochastic models for multistage cell classification systems 8-77143
- Cambier, J.L. *see* Kay, D.B. 8-61240
- Cambon, C., Jeandel, D., Mathieu, J. Direct modelling of spectral tensors $\Phi_{ij}(K, t)$ and $t_{ij}(K, t)$ in the case of an homogeneous turbulent field 8-90813
- Cambon, G., Attal, J. Design of a temperature stable surface acoustic wave device on silicon 8-83186
- Cambon, G., Hartemann, P. Modelling of ion implanted lithium niobate used for propagating surface acoustic waves 8-55540
- Cambon, G. *see* Attal, J. 8-75022
- Cambou, F. *see* Galperin, Yu.I. 8-88997
- Cambray, R.S., Fisher, E.M.R., Playford, K., Peirson, D.H. Radioactive fallout in air and rain: results to the end of 1977 8-82535
- Camen, H.W. *see* Steiner, W. 8-76246
- Camenzind, M. Lepton pair creation and the uniform gravitational collapse 8-81724
- Camera, M.La *see* La Camera, M.
- Camerini, U. *see* Smith, J.G. 8-82190
- Cameron, A.G.W. Physics of the primitive solar accretion disk 8-81566
- Cameron, A.G.W. *see* DeCampli, W.M. 8-89233
- Cameron, A.G.W. *see* Truran, J.W. 8-57567
- Cameron, C.G. *see* Bullock, A.T. 8-56368
- Cameron, C.P. *see* Turner, J.D. 8-70533
- Cameron, D.G., Nadeau, A., Ribbégard, G., Jones, R.N. Continuous flow purging of infrared spectrophotometers using oil-pumped compressed air 8-65984
- Cameron, D.J. A review of the potential for actinide redistribution in CANDU thorium cycle fields 8-66347
- Cameron, J.A. *see* Campbell, C.C.M. 8-76365
- Cameron, J.M., Croarkin, M.C., Raybold, R.C. Design for the calibration of standards of mass 8-54342
- Cameron, J.M. *see* Anderson, A.N. 8-74368
- Cameron, J.M. *see* Beveridge, J.L. 8-62446
- Cameron, J.M. *see* McCamis, R.H. 8-74363
- Cameron, W., Franek, B., Gopal, G.P., Kalms, G.E., McPherson, A.C., Ross, R.T., Bacon, T.C., Butterworth, I., Hughes, R.W.M., Newham, P., Stern, R.A., Waters, R.M. Partial wave analysis of $K^-p \rightarrow \pi^+\pi^-$ (1385) between 1775-2170 MeV including new data below 1960 MeV 8-54653
- Cameron, W. *see* Erriquez, O. 8-78170
- Cameron, W.E. *see* Binder, M.D. 8-80856
- Camfield, P.A. Ancient upheaval on the prairies 8-85526
- Camillerapp, J., Quinqueton, J. Lines extraction from radar images 8-61630
- Camilloni, R., Guidoni, A.G., McCarthy, I.E., Stefani, G. Mechanism of the $(e, 2e)$ reaction with atoms 8-62926
- Caminati, W. *see* Cazzoli, G. 8-82725
- Caminiti, R., Licheri, G., Piccaluga, G., Pinna, G. Hydration water-external water interactions around Cr^{3+} ions 8-78772
- Camley, R.E., Scott, R.Q. Surface magnetoelastic waves in the presence of exchange interactions and pinning of surface spins 8-80186
- Camlibel, I. *see* Benson, W.W. 8-83120
- Camlibel, I. *see* Rich, T.C. 8-83078
- Cammack, D.A. *see* Asbeck, P.M. 8-94394
- Cammarata, J.B. *see* Banerjee, M.K. 8-66150
- Cammarata, V. Power modulation testing of pre-irradiated fuel pins 8-70607
- Camp, D. *see* Kaufman, L. 8-85271
- Camp, H.van *see* van Camp, H.
- Camp, N.T., Elsberry, R.L. Oceanic thermal response to strong atmospheric forcing. II. The role of one-dimensional processes 8-92828
- Camp, N.T. *see* Elsberry, R.L. 8-92827
- Camp, P.E.van *see* Van Camp, P.E.
- Camp, R.T., Jr. *see* Burdick, C.K. 8-88712
- Campagna, A.O. *see* Pettigrew, M.J. 8-66333
- Campagna, M. *see* Dietz, R. 8-72098
- Campagna, M. *see* Landolt, M. 8-52646, 8-95510
- Campagna, M. *see* Wertheim, G.K. 8-76586
- Campana, M. *see* Tasman, H.A. 8-57955
- Campbell, A.B. *see* Tewari, P.H. 8-83963
- Campbell, A.M. The pinning of flux lines in superconductors by randomly-spaced pinning centres 8-52172
- Campbell, A.M. Pinning parameters in the PbTi system 8-52173
- Campbell, A.M. *see* Grimwood, G.C. 8-91889
- Campbell, A.W. *see* Breare, J.M. 8-70697
- Campbell, C.C.M., Cameron, J.A. A study of the Fe site hyperfine field and magnetic moment in the Heusler alloy $\text{Ni}_2\text{Mn}_{0.9}\text{Fe}_{0.1}\text{Sn}$ 8-76365
- Campbell, C.C.M., Schaf, J., Zawislak, F.C. Magnetic hyperfine fields at Fe, Cd and Sn sites in an FeCo alloy 8-60363
- Campbell, C.C.M. *see* Dubiel, S.M. 8-76276
- Campbell, C.C.M. *see* Stager, C.V. 8-64189
- Campbell, C.E. *see* Pinski, F.J. 8-63536
- Campbell, C.J. *see* Jayet, B. 8-74270, 8-74271
- Campbell, C.K. Free-space permittivity measurements on dielectric materials at millimeter wavelengths 8-62208
- Campbell, C.T., White, J.M. Chemisorption and reactions of nitric oxide on rhodium 8-61045
- Campbell, D. Astro-navigation goes artificial 8-61711
- Campbell, D. *see* Greenwood, J.R. 8-51366
- Campbell, D.B., Chandler, J.F., Ostro, S.J., Pettingill, G.H., Shapiro, I.I. Galilean satellites: 1976 radar results 8-61788
- Campbell, D.E. *see* Storm, E.K. 8-74471
- Campbell, D.L. Investigation of the stress-concentration mechanism for intraplate earthquakes 8-81112
- Campbell, E.M. *see* Coleman, L.W. 8-51362
- Campbell, F.W. *see* Ross, J. 8-96052
- Campbell, I.A. *see* Hamzic, A. 8-76053, 8-91665
- Campbell, I.A. *see* Le Dang Khoi 8-84496, 8-88222
- Campbell, I.M. *see* Doerfler, D.L. 8-92541
- Campbell, J. (editor) Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.116. Solid State Imaging Devices 8-66944
- Campbell, J.A., Baxter, M.S., Harkness, D.D. Radiocarbon measurements on a floating tree-ring chronology from north-east Scotland 8-70236
- Campbell, J.A., Smith, R.D., Davis, L.E. Application of X-ray photoelectron spectroscopy to the study of fly ash 8-68943
- Campbell, J.C. Fiber optics for a visible infrared spin-scan radiometer (VISSR) 8-59160
- Campbell, J.C., DeWinter, J.C., Pollack, M.A., Nahory, R.E. Buried heterojunction electroabsorption modulator 8-55439
- Campbell, J.C., Yu, M.H., Wittig, C. Collisionless production of $\text{C}_2(a^3\Pi_g)$ in an intense infrared laser field 8-55206
- Campbell, J.L. *see* Jackman, J.A. 8-91360
- Campbell, J.L. *see* Schulte, C.W. 8-56540
- Campbell, J.R. *see* Baland, J.F. 8-93911
- Campbell, L.C., Dallachy, J.L. Effects of nozzle clogging on air and SF_6 blasted arcs 8-87531
- Campbell, L.L. Review of fiber optical communications 8-59125
- Campbell, L.L. Multiterminal fiber systems 8-87147
- Campbell, M., Choi, C., Miley, G.H. Effect of hot beam injection angle on twin beam mirrors 8-58466
- Campbell, M.J. Device for microparticle array preparation 8-94139
- Campbell, N.P.S. *see* Aedge, A.A.J. 8-57049
- Campbell, P., Gardy, E.M., Boase, D.G. Assay of fissionable isotopes in aqueous solution by pulsed neutron interrogation 8-68966
- Campbell, P.D. An H_2O maser source near NGC 2071 8-73768
- Campbell, P.M. *see* Johnson, R.R. 8-51328
- Campbell, R.B. *see* DeFreece, D.A. 8-50358
- Campbell, R.D. *see* Potter, D.W. 8-74541
- Campbell, R.W., Noon, E.L., Truscello, V.C. RTG radiation and its effect on spacecraft instrumentation 8-85824
- Campbell, S. *see* Crow, R.S. 8-77140
- Campbell, W. *see* Gudmandsen, P. 8-81419
- Campbell, W.C. *see* Gossard, E.E. 8-57271
- Campbell, W.J., Wayenberg, J., Ramseyer, J.B., Ramseier, R.O., Vant, M.R., Weaver, R., Redmond, A., Arsenault, L., Gloersen, P., Zwally, H.J., Wilhelm, T.T., Chang, T.C., Hall, D., Gray, L., Meeks, D.C., Bryan, M.L., Barath, F.T., Elachi, C., Leberl, F., Farr, T. Microwave remote sensing of sea ice in the AIDJEX main experiment 8-81173
- Campbell, W.J. *see* Brooks, R.L. 8-81233
- Campbell, W.J. *see* Gloersen, P. 8-81174
- Campeanu, R.I., Dubau, J. Positron-neon elastic scattering 8-90292
- Campen, G.L., Easter, R.B. Voltage protection scheme for MG sets used to drive inductive energy storage systems 8-55037
- Campehausen, C.von *see* von Campehausen, C.
- Campet, G. *see* Pompei, J. 8-80468
- Campillo, A.J. *see* Shapiro, S.L. 8-96012
- Campion, A., El-Sayed, M.A., Ternier, J. Time-resolved Raman spectroscopy: application to the photosynthetic cycle of bacteriorhodopsin 8-85294
- Campion, A. *see* Avouris, P. 8-84655
- Campion, A. *see* El-Sayed, M.A. 8-64406
- Campion, A. *see* Merle, A.-M. 8-82760
- Campisano, S.U., Costanzo, E., Scaccianoce, F., Cristofolini, R. Growth kinetics of the θ phase in Al-Cu thin film bilayers 8-84105
- Campisano, S.U. *see* Baeri, P. 8-79789
- Campisano, S.U. *see* Della Mea, G. 8-80824
- Campisano, S.U. *see* Foti, G. 8-67725, 8-75685
- Campo, A., Kummel, R., Rauh, H. Spin-orbit interaction and many-body effects in surface states of silicon MOSFETs 8-64132
- Campos, J. *see* Fonseca, M.V. 8-58625
- Campos, M., Giacometti, J.A. Surface-potential decay in naphthalene 8-72164
- Campos, M.D'Olne *see* D'Olne Campos, M.
- Campos-Loriz, D., Riley, F.L. Factors affecting the formation of the α - and β -phases of silicon nitride 8-52738
- Camposilvan, J., Reiter, F.W. Surface coverages in the system Mo-N_2 8-60036
- Camposilvan, J. *see* Reiter, F.W. 8-54880
- Camran Ravanbakhsh *see* Causey, R.A. 8-79816
- Camus, P., Debarre, A., Morillon, C. Two-photon absorption spectroscopy in ytterbium 8-70806
- Camy-Peyret, C., Flaud, J.-M., Mandin, J.-Y., Toth, R.A. Line positions and intensities for the $\nu_1 + \nu_2$ and $\nu_2 + \nu_3$ bands of H_2^{18}O 8-74656
- Can Best, J.A., Mathis, P. Apparatus for the measurement of small absorption change kinetics at 820 nm in the nanosecond range after a ruby laser flash 8-92769
- Canal, F. *see* Merlin, R. 8-60457
- Canali, C., Catellani, F., Ottaviani, G., Prudenziati, M. On the formation of Ni and Pt silicide first phase: The dominant role of reaction kinetics 8-79821
- Canali, C., Jacoboni, C., Nava, F. Intervalley diffusion of hot electrons in germanium 8-84227
- Canali, C. *see* Nava, F. 8-52001
- Canali, C. *see* Reggiani, L. 8-84218
- Canali, M. *see* Asti, G. 8-95472
- Canbor, R. *see* Schwanebeck, J.C. 8-52669
- Cance, M., Grenier, G. Absolute neutron fission cross sections of ^{235}U , ^{238}U , and ^{239}Pu at 13.9 and 14.6 MeV 8-89926
- Cancelli, L.S.G., Gualberto, G.M., Vargas, H., Lima, C.A.S., Pelz, J. Phase transition in barium chlorate monohydrate 8-59932
- Cancellieri, G. Measurement of attenuation in optical fibres 8-50903
- Cancellieri, G. Time-dispersion measurement in optical fibre by near- and far-field scanning technique 8-74978
- Cancellieri, G., Zoboli, M. Enhanced sensitivity nondestructive measurement of optical fiber loss 8-66895
- Candau, S. *see* Meulenet, J.P. 8-60474
- Candelas, P., Deutsch, D. Fermion fields in accelerated states 8-70313
- Candelas, P., Sciamia, D.W. The irreversible thermodynamics of black holes 8-57572
- Cander, L.J.R., Stanic, B.V. Cross-polarization of EM waves scattered by a moving plasma column 8-75352
- Candia, F. *see* de Candia, F.
- Candille, M. Monochromatic modulators for optical control of thin multielectric films: Study of output signal of control instruments 8-75008
- Candiotti, M. *see* Barisoni, M. 8-91886
- Candolfo, C., Fratelucio, G., Ferro-Milone, A. Cold work stored energy effect on the magnetic moment vs. temperature curve of Fe and of a Fe64Ni36 alloy 8-95419

- Canel, E.** On the two-dimensional Wigner lattice in a magnetic field 8-60072
- Canella, G., Monti, F., L'Erede, A.** On-line ultrasonic inspection to aid control of steel plate manufacture 8-80702
- Canesson, P.** *see* Declerck-Grimee, R.I. 8-85196
- Canevet, G.** Active sound absorption in an air conditioning duct 8-90555
- Canfield, R.C.** *see* Brown, J.C. 8-77541
- Canh Tran Minh, Guyonnet, R.** Enzymatic sensor for the continuous determination of toxic compounds 8-73099
- Canigiani, G.** *see* Kallinger, W. 8-92702
- Canivell, V., Seglar, P.** Note on the parity operator 8-86191
- Canizares, C.R., Grindlay, J.E., Hiltner, W.A., Liller, W., McClintock, J.E.** Optical studies of the X-ray globular cluster NGC 6624 8-93335
- Canizares, C.R.** *see* Grindlay, J.E. 8-81708
- Canizares, C.R.** *see* McClintock, J.E. 8-93468
- Canizares, C.R.** *see* Weisskopf, M.C. 8-93466
- Cann, C.D., Atrons, A., Sexton, E.E., Have-lock, F., Ritchie, I.G., Sprungmann, K.** Determination of the terminal solid solubility of hydrogen in zirconium at low hydrogen concentrations 8-83962
- Cann, M.W.P.** *see* Roney, P.L. 8-88910
- Cannata, F., Mazzanti, P.** Off-shell electromagnetic form factors and Compton scattering amplitude 8-66120
- Cannata, F.** *see* Nagl, A. 8-50213
- Cannizzaro, M.** *see* Schiavello, M. 8-51826
- Cannizzo, L., Cerutti, G., Marson, I.** Absolute-gravity measurements in Europe 8-85469
- Cannon, D.C.** *see* Kaufman, H.H. 8-85363
- Cannon, R.D.** Pointing to the stars 8-69844
- Cannon, R.D.** *see* Allen, D.A. 8-81687
- Cannon, T.W., Woltz, R.** A camera for in situ photography of atmospheric cloud particles from an armored T-28 hail research aircraft 8-85750
- Cannon, T.W.** *see* Knight, C.A. 8-57356
- Cannon, W.A.** *see* Fanale, F.P. 8-73668
- Cannon, W.C.** *see* Sanders, C.L. 8-96077
- Cannon, W.H.** The classical analysis of the response of a low baseline radio interferometer 8-61733
- Cano, R.** *see* Adam, J. 8-71473
- Cant, J.R., Chomoskey, J.E.** Left ventricular failure in calves produced by supravalvular aortic stenosis 8-73296
- Cant, J.R.** *see* Chomoskey, J.E. 8-73295
- Cantafio, L.J.** Space based radar 8-81525
- Canter, J.** *see* Katsoufis, E. 8-82234
- Canter, J.** *see* Whitmore, J. 8-74289
- Cantero, J.A., Pollan, T., Barquillas, J.** Digital frequency meter uses variable measuring times and automatic scale conversion 8-49862
- Canter, G.W.** *see* Kielman-van Luijt, E.C.M. 8-84613
- Cantillo, A.Y.** *see* Segar, D.A. 8-68972
- Canton, G.** *see* Olthof, H. 8-96515
- Cantoni, C.E.** *see* Santomauro, L. 8-53721
- Cantoni, V., De Lotto, I., Ghirardi, A., DEO, a** program to deconvolve experimental outcomes 8-70729
- Cantor, B.** *see* Brett, S.J. 8-60832
- Cantor, B.** *see* Doherty, R.D. 8-75970
- Cantor, B.** *see* Swindlehurst, W.E. 8-80657
- Cantor, B.I.** *see* Teich, M.C. 8-64991
- Cantor, R.** *see* Waugh, J.S. 8-68410
- Cantrak, S.M., Benisek, M.H.** On a type of the vorticity nondissipative flow in magnetohydrodynamics 8-91023
- Cantrell, A.** *see* Williamson, R.H. 8-81386
- Cantrell, C.D.** Coherent versus stochastic theories of collisionless multiple-photon excitation of polyatomic molecules 8-82804
- Cantrell, C.D., Fox, K.** Effects of molecular rotation and vibration-rotation interaction on collisionless multiple-photon excitation of SF₆ 8-74720
- Cantrell, C.D., Scully, M.O.** The EPR paradox revisited 8-77766
- Cantrell, C.D.** *see* McDowell, R.S. 8-70837
- Cantrell, C.D.** *see* Nee, T.W. 8-71139
- Cantrell, E.L.** *see* Bartsch, R.R. 8-75404
- Cantrell, E.L.** *see* Kutac, K.J. 8-54887
- Cantrell, J.H., Jr., Breazeale, M.A.** Ultrasonic investigation of the nonlinearity of fused silica for different hydroxyl-ion contents and homogeneities between 300 and 3K 8-83735
- Cantrell, J.S.** Solar energy concepts in the teaching of chemistry 8-73805
- Cantrijn, F.** *see* Sarlet, W. 8-74181
- Cantus, M., Doremus, J.P., Baumann, G.** Stability of bidimensional stellar systems in uniform rotation for non-axisymmetrical modes 8-85980
- Canty, M.J.** *see* Spanhoff, R. 8-86481
- Canuto, V.** On the origin of Hawking mini black-holes and the cold early Universe 8-93298
- Canuto, V., Hsieh, S.-H.** Scale covariant cosmology and the temperature of the Earth 8-57704
- Canuto, V., Hsieh, S.-H.** The 3K blackbody radiation, Dirac's Large Numbers Hypothesis, and scale-covariant cosmology 8-93480
- Canuto, V.** *see* Gordon, C.W. (editor) 8-73557
- Canuto, V.M.** New trends in cosmology 8-73789
- Cao Chang-Qi** Radiation resistance of a wire loop laid on the ground 8-61565
- Cao Tian-Jun** Magnetic fields in a coronal condensation 8-69762
- Cao Xuan An** *see* Benoit, J.P. 8-91411
- Cap, A.** *see* Koutsky, J. 8-84864
- Cap, F.F., Leubner, M.P.** Rutherford scattering in a uniform magnetic field 8-75258
- Capaccioli, M.** *see* Barbon, R. 8-54045
- Capaccioli, M.** *see* Boksenberg, A. 8-96540
- Capannini, E.** *see* Checcacci, P.F. 8-69553
- Capano, L.** *see* Eckart, L.E. 8-96290
- Capasso, F., Di Porto, P.** Coupled-mode theory of a fibre laser-amplifier 8-66848
- Capelhart, B.L., Welsh, L.W.** Oil spill simulation in the Florida Gulf outer continental shelf 8-73406
- Capek, V.** Correspondence between the dynamical and microelectrostatic approaches to the polarization in molecular solids 8-52427
- Capek, V.** Quantum effects in the electronic polarization energy in molecular systems 8-67956
- Capek, V.** Coulomb effects and thermopower in elemental covalent amorphous semiconductors 8-76097
- Capek, V.** Thermopower in the Anderson model of semiconducting glasses 8-84241
- Capel, H.W., Perk, J.H.H., den Ouden, L.W.J.** Critical-exponent renormalization and first-order transitions 8-70085
- Capel, H.W.** *see* Perk, J.H.H. 8-65877
- Capelani, J.C., Guarch, G., Michel, J.N., Iri-garay, J.L.** Illustrating an installation for radioactivation by fast neutrons and application to the quantity of phosphorous in urine 8-61254
- Capelier, C., Chevallier, J.-P., Bouniol, F.** A new method for correcting two-dimensional wall interference 8-67293
- Capella, L.** *see* Billia, B. 8-87635
- Capelle, G.A., Sutton, D.G.** Metastable transfer emission spectroscopy—method and instrument for detection and measurement of trace materials in gas flows 8-85257
- Capelletti, R., Okuno, E., Matthews, G.E., Crawford, J.H., Jr.** ITC spectra of impurity aggregate in CaF₂ crystals doped with trivalent rare-earth ions 8-71883
- Capentier, C.-D.** *see* Diehl, R. 8-51482
- Capes, J.F.** *see* Heiple, C.R. 8-72824
- Capes, J.F.** *see* Weston, W.F. 8-52675
- Capitiano, D.A.** *see* Razi Naqvi, K. 8-78738
- Capitelli, M., Dilonardo, M.** Nonequilibrium dissociation rates of diatomic species: a comparison between numerical and analytical methods 8-71428
- Capitelli, M., Dilonardo, M.** Non equilibrium dissociation of HF in electrical discharges: the role of vibrational excitation 8-94306
- Capitelli, M., Ficocelli, E., Varrachio, E.** Thermodynamic properties of Ar-H₂ plasmas 8-63542
- Capitelli, M.** *see* Gorse, C. 8-83521
- Capizzi, M.** *see* Merle, J.-C. 8-88301
- Caplar, R., Fick, D., Gemmeke, H., Lassen, L.** High-excited α^* states in ⁴He 8-78262
- Caplin, A.D.** *see* Barnard, B. 8-51964
- Caplin, M.** *see* Swords, M.D. 8-66692
- Capon, G.** *see* Baldini-Celio, R. 8-89724
- Capone, A.** *see* Amaldi, E. 8-78222
- Capone, L.A.** *see* Whitten, R.C. 8-96275
- Caponi, E.A.** *see* Faller, A.J. 8-85582
- Caporaletti, O., Graham, G.M.** Magnetic structure of disordered Ni-Mn alloys as revealed by high field twist deformation 8-68166
- Caporali, A.** Non-existence stationary, axially symmetric, asymptotically flat solutions of the Einstein equations for dust 8-49736
- Caporlacco, G.** *see* Forino, A. 8-78220
- Caporiccio, G.** Properties and use of perfluoro polyethers for vacuum applications 8-70136
- Capote, M.A.** *see* Papatheodorou, G.N. 8-94251
- Capots, L.** *see* Gregory, W.D. 8-56422
- Capozzi, V.** *see* Baldassarre, L. 8-52000
- Capp, M.** *see* Seeley, G.W. 8-73234
- Capp, M.P.** *see* Roehrig, H. 8-69209
- Capparelli, A.L., Gill, D.S., Hertz, H.G., Tutsch, R.** Nuclear magnetic relaxation studies of preferential solvation in electrolyte solutions—another indirect method using only solvent magnetic interactions 8-95920
- Capparelli, A.L., Gill, D.S., Hertz, H.G., Tutsch, R., Weingartner, H.** Nuclear magnetic relaxation studies of preferential solvation in electrolyte solutions—indirect method using only solvent-solvent magnetic interactions 8-95919
- Cappelen, P.** *see* Utley, W.A. 8-87203
- Cappelletti, R.L.** *see* Wang, R.Y.P. 8-84347
- Cappellini, V.** *see* Cain, G.D. 8-57107
- Cappi, A., Fontana, A.** Transversal oscillations and critical loads of variably constricted beams 8-51113
- Capps, R.H.** η mesons with inert components 8-74226
- Caprace, G.** *see* Natalis, P. 8-50583
- Capri, A.Z., Chiang, C.C.** S-matrix for interacting extended boson field. I. Formalism 8-62323
- Capri, A.Z., Chiang, C.C.** S-matrix for interacting extended boson fields. II. Scattering amplitude and self-energy 8-66047
- Caprihan, A., Lemos, C.E., Casaretto, J.T., Navarro, L.T.B., Almeida, A.B.** A simple microcomputer for biomedical signal processing 8-81012
- Caprino, L., Borrelli, F., Falchetti, R., Biader, U., Franchina, V.** A new computerized system for automatic ECG analysis: an application to hypoxic rat ECGs 8-57088
- Capsoni, C., Mauri, M., Paraboni, A.** Incoherent effects in electromagnetic propagation through rain 8-53679
- Capsoni, C.** *see* Attisani, A. 8-69467
- Caput, C., Gauthier, D., Haulet, R.** Applications of the atmosphere acoustic sounding technique to siting studies 8-81467
- Caputo, F., Castellani, V.** Evolutionary parameters in observed horizontal and asymptotic branches 8-81613
- Caputo, F., Castellani, V., Tornambe, A.** Pre-horizontal branch evolution and the Oosterhoff dichotomy in galactic globular clusters 8-69784
- Caputo, G.R.** *see* Teichholz, L.E. 8-80938
- Caputo, M.** Model and observed seismicity represented in a two dimensional space 8-53619
- Caputo, M., Knopoff, L., Mantovani, E., Mueller, St., Panza, G.F.** Rayleigh wave phase velocities and upper mantle structure in the Apennines 8-53618
- Car, R., Ciucci, G., Quartapelle, L.** High-resolution and efficient calculation of photoelectric spectra of crystals 8-60545
- Car, R., Quartapelle, L., Ciucci, G.** Electronic band structure of SnSe 8-51890
- Cara, J.** *see* Ronneau, C. 8-73545
- Cara, M.** Regional variations of higher Rayleigh-mode phase velocities: a spatial filtering method 8-77187
- Caraca, J.M.G.** *see* Correa, P.M. 8-74329
- Caracciolo, S., Menotti, P.** Phase transitions and renormalised structure of lattice gauge theories with fermions 8-82105
- Caracena, F.** *see* Fujita, T.T. 8-53693
- Caralp, M.** *see* Aluinerie, J. 8-65343
- Caramanlian, C., Selby, K.A., Will, G.T.** A quintic conforming plate bending triangle 8-77716
- Carasso, A., Shen, M.-C.** On viscous fluid flow down an inclined plane and the development of roll waves 8-75160
- Caratelli, E.P.** *see* Barra, O. 8-75061
- Caraveo, P.** *see* Bignami, G.F. 8-69907
- Caraveo, P.** *see* Bucheri, R. 8-85966
- Caraveo, P.** *see* Swanenburg, B.N. 8-93454
- Carballes, J.C.** *see* Esquerre, M. 8-55813
- Carbary, J.F., Hill, T.W.** A self-consistent model of a corotating Jovian magnetosphere 8-89109
- Carberry, J.J.** *see* Kress, J.W. 8-90333
- Carbone, L., Valli, A.** Free boundary enclosure in a three-dimensional filtration problem 8-55687
- Carbone, R.J.** *see* York, G.W., Jr. 8-63092
- Carbotte, J.P.** *see* Cowan, W.B. 8-91804
- Carbotte, J.P.** *see* Daams, J.M. 8-91798
- Carbotte, J.P.** *see* Lie, S.G. 8-76186
- Carbucicchio, M.** *see* Asti, G. 8-52232, 8-52256
- Carcaly, C., Flahaut, J., Guittard, M., Pardo, M.P.** Ionic conducting rare earth oxy-sulphide glasses 8-79804
- Carder, B.** *see* Summers, M. 8-59035
- Carder, B.M.** *see* Bradley, L.P. 8-66854
- Carder, B.M.** *see* Gagnon, W.L. 8-55015, 8-59038
- Cardew, G.E.** *see* Bilby, B.A. 8-67124
- Cardillo, M.J., Becker, G.E.** Diffraction of He atoms at a Si (100) surface 8-52609
- Cardillo, M.J., Ching, C.S.Y., Greene, E.F., Becker, G.E.** Molecular-beam apparatus for the study of gas-surface interactions 8-72675
- Cardillo, M.J.** *see* Dylla, H.F. 8-63934
- Cardillo, M.J.** *see* Gelb, A. 8-76925
- Cardinet, Ph.** *see* Henry, A. 8-58652
- Cardinet, Ph.** *see* Valentin, A. 8-58651
- Cardon, F.** *see* Laflere, W.H. 8-64114
- Cardon, F.** *see* Van Wezemael, A.-M. 8-52079
- Cardona, M.** *see* Abstreiter, G. 8-60472
- Cardona, M.** *see* Aspnas, D.E. 8-51880, 8-51993, 8-91583
- Cardona, M.** *see* Calleja, J.M. 8-60471
- Cardona, M.** *see* Chandrasekhar, M. 8-52501, 8-64366, 8-65951
- Cardona, M.** *see* Eberhardt, W. 8-76583
- Cardona, M.** *see* Grimsditch, M.H. 8-91399
- Cardona, M.** *see* Guntherodt, G. 8-92080

- Cardona, M.** *see* Lemos, V. 8-76461
Cardona, M. *see* Merlin, R. 8-84581
Cardona, M. *see* Richter, W. 8-59905
Cardona, M. *see* Sinyukov, M. 8-52495
Cardona, M. *see* Trommer, R. 8-52502, 8-64367
Cardwell, G. *see* Gentle, K. 8-54984
Cardwell, G.L. Analysis of the TEXT poloidal field coils 8-62645
Cardwell, G.L., Becker, E.B., Willis, D.N. Stress analysis of the TEXT TF coil 8-50381
Cardwell, G.L. *see* Wildi, P. 8-50354
Cardwell, R.K., Isacks, B.L. Geometry of the subducted lithosphere beneath the Banda Sea in eastern Indonesia from seismicity and fault plane solutions 8-81131
Cardy, J.L. Electron localisation in disordered systems and classical solutions in Ginzburg-Landau field theory 8-56108
Cardy, J.L., Moshe, M. Multi-Pomeron couplings to external particles in Reggeon field theory 8-78111
Careem, M.A., Hill, R.M. Transport processes in stearic acid layers 8-84316
Carefoot, L.M. *see* Vandergraaf, T.T. 8-82459
Careiron, M., Gignoux, D. Crystal field effects on the magnetic structures of the rare earth compounds with the FeB structure 8-52226
Carrelli, P. *see* Barbanera, S. 8-49859
Carette, J.D. *see* Adnot, A. 8-56039, 8-71999
Carey, A.L., Hurst, C.A. A note on the Fermi quantisation of Landau gauge 8-54591
Carey, D.C. *see* Cutts, D. 8-78380, 8-89746
Carey, J.E. *see* Keyes, J.W., Jr. 8-85372
Carey, R., Newman, D.M., Thomas, B.W.J. Magneto-optic constants of thin cobalt films 8-76541
Carey, V.P., Mollendorf, J.C. Measured variation of thermal boundary-layer thickness with Prandtl number for laminar natural convection from a vertical uniform-heat-flux surface 8-51161
Carey, V.P., Mollendorf, J.C. Natural convection in liquids with temperature dependent viscosity 8-94695
Cargill, G.S., III, Mizoguchi, T. Dipolar mechanisms for magnetic anisotropy in amorphous ferrimagnetic alloys 8-64233
Carhart, R.E. *see* Varkony, T.H. 8-92477
Caricati, G. *see* Nicolais, L. 8-76918
Carignan, G.R. *see* Shyn, T.W. 8-74766
Carillon, A. *see* Dhez, P. 8-62270
Carinena, J.F. *see* Boya, L.J. 8-78062
Carioro, G.L., Pierobon, G.L. Noise in fiber optic digital transmissions 8-50717
Cariou, J. *see* Lotrian, J. 8-74600
Carl, E.R. A hazard assessment method for the US Army Microwave Radiation Protection Program 8-85389
Carl, P., Gajewski, H., Wallis, G. High energy tail formation in velocity diffusion 8-71455
Carle, D.L., Laidlaw, W.G., Lekkerkerker, H.N.W. Hydrodynamic correlation functions in nematic liquid crystals: propagating modes 8-94988
Carleer, M., Colin, R., Jones, W.E. Rotational analysis of the $(f_0^+, e_0^-) \rightarrow X_2 1$ transition of the antimony monofluoride molecule 8-74657
Carlen, L. *see* Piiparinen, M. 8-50075
Carles, D., Lhermited, C., Sarrau, J.-M. Transient photoconductivity effects in n-type CdTe thin films 8-87994
Carles, R., Saint-Cricq, N., Renucci, M.A., Renucci, J.B. Second order Raman scattering in InAs: determination of electron-2 phonon deformation potentials 8-60473
Carleton, N.P., Hoffmann, W.F. The multiple-mirror telescope 8-93109
Carleton, N.P. *see* Traub, W.A. 8-93203, 8-93346
Carley, A.F., Joyner, R.W. Iterative deconvolution of X-ray photoelectron spectra generated by an achromatic source 8-72689
Carley, A.F., Roberts, M.W. An X-ray photoelectron spectroscopic study of the interaction of oxygen and nitric oxide with aluminium 8-95657
Carlier, F., Jacobs, G. Transient infrared absorption of bound polarons in NaCl 8-91642
Carlier, F., Jacobs, G. Transient infrared absorption of bound polarons in KBr 8-92071
Carlile, C.J., Penfold, J., Williams, W.G. High-efficiency Soller slit collimators for 1 eV neutrons 8-82564
Carlile, C.J. *see* Anderson, I.S. 8-55942
Carlile, C.J. *see* Richardson, R.M. 8-75539
Carlile, D.G. *see* McClary, K.R. 8-73371
Carlín, R.L. *see* O'Connor, C.J. 8-91877
Carlín, R.L. *see* Paduan Filho, A. 8-84420
Carlino, L.T. *see* Neubert, M.E. 8-51409
Carlitz, R.D. Bound states from instantons 8-78087
Carlitz, R.D., Lee, C. Physical processes in pseudoparticle fields: The role of fermionic zero modes 8-74159
Carlitz, R.D. *see* Brown, L.S. 8-54556
Carlo, A. *see* Di Carlo, A.
Carlone, C. *see* Michaud, M. 8-86347
Carlone, R.V. Nuclear waste: disposal or ?? 8-86636
Carlos, W.E., Cole, M.W. Interaction and band structure effects for He on graphite derived from scattering data 8-92162
Carlqvist, P. *see* Alfvén, H. 8-73744
Carlsen, N.R. *see* Rodwell, W.R. 8-70751
Carlson, C.E., Gross, F. The fine structure of charmonium and the Lorentz structure of the confining potential 8-50007
Carlson, C.R. Thresholds for perceived image sharpness 8-65019
Carlson, C.W. *see* Mallinckrodt, A.J. 8-77397
Carlson, D.E., Magee, C.W. A SIMS analysis of deuterium diffusion in hydrogenated amorphous silicon 8-75877
Carlson, F.P., Lee, C.K. An adaptive coherent optical processor for cell recognition and counting 8-77120
Carlson, G.T., Jr., Saffko, J.L. An investigation of some of the kinematical aspects of plane symmetric space-times 8-65834
Carlson, H.C. *see* Sobral, J.H.A. 8-88980
Carlson, J.B. *see* Sheline, R.K. 8-78237
Carlson, J.D. *see* Madey, R. 8-58542
Carlson, K.W., Lawrence, F.V. The examination of discontinuities in welds by stereoradiography 8-53178
Carlson, M.F., Ritchie, R.O. Authors' reply to 'Comments on "The effect of prior austenite grain size on near-threshold fatigue crack growth"' by J.-P. Bailon, J. Masounave, and J. Lantaigne' 8-92342
Carlson, N. *see* Teets, R.E. 8-82056
Carlson, O.N., Weins, W.N., Schmidt, F.A. Diffusion and electrotransport of metallic solutes in thorium metal 8-86611
Carlson, O.N. *see* Schmidt, F.A. 8-59979
Carlson, P.J. *see* Benot, M. 8-86731
Carlson, P.J. *see* Berglund, A. 8-66160
Carlson, R.C. *see* Hearst, J.R. 8-61303
Carlson, R.E. *see* Cooke, R.D. 8-80324
Carlson, R.W., Macdougall, J.D., Lugmair, G.W. Differential Sm/Nd evolution in oceanic basalts 8-61391
Carlson, R.W., Matson, D.L., Johnson, T.V., Bergstrahl, J.T. Sodium D-line emission from IO: comparison of observed and theoretical line profiles 8-93145
Carlson, R.W. *see* Matson, D.L. 8-61792
Carlson, R.W. *see* Webb, W.E., Jr. 8-94154
Carlson, T.A., Dress, W.B., Nyberg, G.L. Study of K-LL Auger processes for light elements above $Z=10$ 8-50523
Carlson, T.A., Dress, W.B., Ward, F.H., Agron, P.A., Nyberg, G.L. Description of a polarized source of He I radiation for surface studies 8-74959
Carlson, T.A., Duric, N., Erman, P., Larsson, M. Correlation between perturbation and collisional transfers in the A, B, C and b states of CO as revealed by high resolution lifetime measurements 8-78699
Carlson, T.N., Augustine, J.A., Boland, F.E. Potential application of satellite temperature measurements in the analysis of land use over urban areas 8-65393
Carlson, T.N., Wendling, P. Reflected radiance measured by NOAA 3 VHR as a function of optical depth for Saharan dust 8-65390
Carlsson, A.J., Markstrom, K.M. Some aspects of non-linear fracture mechanics 8-60775
Carlsson, C.-J. *see* Dunlop, G.L. 8-52812
Carlsson, D.J. *see* Garton, A. 8-84922, 8-95871
Carlsson, R. *see* Rouf, M.A. 8-67658
Carlsten, J.L., Raymer, M.G. Stimulated collision-induced fluorescence observed 8-86811
Carlsten, J.L., Raymer, M.G. Collisional and radiative effects in three-level systems 8-87103
Carlsten, J.L. *see* Pichler, G. 8-82692
Carlsten, J.L. *see* Hall, J.L. (editor) 8-82666
Carlton, L.F. *see* Moffett, M.B. 8-59180
Carmack, E.C., Killworth, P.D. Formation and interleaving of abyssal water masses off Wilkes Land, Antarctica 8-81180
Carman, T., Dyer, P.D. Studies of a small-gap multiatmospheric-pressure CO₂ laser 8-74921
Carman, T.W., Dyer, P.E. Voltage-current characteristics of superatmospheric pressure CO₂ laser discharges 8-87036
Carmel, Y., Eylon, S., Shohet, E. A repetitive 600 kV stacked line transformer pulse generator 8-77935
Carmeli, B., Nitzan, A. On a random coupling mode for intramolecular dynamics 8-94226
Carmeli, M. Classification of gauge fields: The eigenspinor-eigenvalue equation 8-78076
Carmeli, M., Charac, C., Kaye, M. Null-tetrad formulation of the Yang-Mills field equations 8-74135
Carmeli, M., Kaye, M. Palatini-type variational principle for the SL(2,C) gauge theory of gravitation 8-78059
Carmichael, C.M. *see* Morris, W.A. 8-65178
Carmichael, C.M. *see* Storetvedt, K.M. 8-61369
Carmichael, D.M. Metamorphic bathozones and bathograds: a measure of the depth of post-metamorphic uplift and erosion on the regional scale 8-81113
Carmichael, H.J., Drummond, P., Meystre, P., Walls, D.F. Intensity correlations in resonance fluorescence with atomic number fluctuations 8-50499
Carmichael, I. Solvated electron wavefunctions 8-66467
Carmichael, I. Spectral moments of solvated electrons 8-73072
Carmichael, I. *see* Mozumder, A. 8-72219
Carmichael, I.C. *see* Webster, B.C. 8-73129
Carmona, F., Delhaes, P. Effect of density fluctuations on the physical properties of a disordered carbon 8-51420
Carmona, F. *see* Burland, D.M. 8-73059
Carmona, R. Pointwise bounds for Schrodinger eigenstates 8-93544
Carmony, D.D. *see* Derrick, M. 8-82197
Carnal, E. Description of certain Markovian processes indexed by a circle 8-89407
Carnal, E. *see* Gostely, J.J. 8-50445
Carnall, W.T., Hessler, J.P., Hoekstra, H.R., Williams, C.W. The absorption spectra and excited state relaxation properties of lanthanide and actinide halide vapor complexes. I. ErCl₃(AlCl₃)_x 8-62799
Carnall, W.T. *see* Caird, J.A. 8-63075
Carnall, W.T. *see* Hessler, J.P. 8-66812
Carnauchov, A.M. *see* Abdullaev, A.G. 8-60232
Carneiro, K. *see* Mogensén, B. 8-84200
Carnera, A., Della Mea, G., Drigo, A.V., Lo Russo, S., Mazzoldi, P., Bentine, G.G. Channelled and random proton stopping power in the 30-1000 keV energy range 8-67760
Carnesecchi, G. *see* Alibrán, P. 8-50026
Carnevale, A. *see* Krause, J.T. 8-87166
Carnevale, A. *see* Peterson, G.E. 8-88198
Carney, B.W. *see* Liller, M.H. 8-93337
Carney, J.A. *see* Upatnieks, J. 8-78962
Carney, J.N. *see* Baubillier, M. 8-93877
Carnino, A., Ragenbass, A. The human elements in phenomena giving rise to nuclear accidents 8-57084
Carnochan, D.J. *see* Nandy, K. 8-93382, 8-93414
Caro, P. *see* Beaury, O. 8-52558
Caro, P. *see* Gasgnier, M. 8-83781
Caro, P. *see* Porcher, P. 8-72580, 8-72581
Caroff, L.J. *see* Tokunaga, A.T. 8-93372
Carolan, P.G. Light scattering as a tool for measuring magnetic field direction in a hot plasma 8-67434
Caroli, C., Roulet, B., Saint-James, D. Effect of adatom-phonon coupling on desorption kinetics in the heavy-adatom limit 8-84065
Caroli, S., Delle Femmine, P. Comparative investigations of the hollow cathode and glow discharge light sources: further considerations 8-82047
Carolina Nemes, M., De Toledo Piza, A.F.R. A quantum phenomenology of viscosity 8-54298
Caroline, D. *see* Jones, G. 8-90328
Carome, E.F. *see* Layton, M.R. 8-90568
Carosella, L.A. *see* Waganer, L.M. 8-50357
Carotenuto, L., Raiconi, G., Di Pillo, G. The doubly cubic spine in the identification of a class of DPS, with application to an underground aquifer 8-69391
Carotta, M.C., Ferrario, C., Lo Vecchio, G., Galgani, L. New phenomenon in the stochastic transition of coupled oscillators 8-54307
Caroubalis, D. *see* Baltay, C. 8-70354
Caroubalis, D. *see* Chnops, A.M. 8-78167
Caroubalis, D. *see* Kalelkar, M. 8-89700
Carovillano, R.L. *see* Nopper, R.W., Jr. 8-93029
Carozzi-Meyssonier, N. Rotation and mass of NGC 5907 8-77595
Carozzi-Meyssonier, N. Rotation and mass of NGC 2742 8-89255
Carpay, F.M.A. Normal grain growth 8-72796
Carpenter, B.S., Reimer, G.M. Uranium analysis of natural waters by fission tracks 8-82587
Carpenter, B.S. *see* Filby, R.H. 8-85744
Carpenter, B.S. *see* Thurber, W.R. 8-55886
Carpenter, D.G., Goss, W.C., Salomon, P.M., Gaalema, S.D. STELLAR: NASA's next generation star tracker 8-53792
Carpenter, D.L. New whistler evidence of a dynamo origin of electric fields in the quiet plasmasphere 8-77426
Carpenter, D.L. *see* Leavitt, M.K. 8-77429
Carpenter, D.L. *see* Park, C.G. 8-88985
Carpenter, G.F. *see* Coe, M.J. 8-81707
Carpenter, G.F. *see* White, N.E. 8-54085, 8-77621
Carpenter, G.J.C. The precipitation of γ -zirconium hydride in zirconium 8-84809
Carpenter, G.J.C., Schulson, E.M. The disordering of Zr₃Al by 1 MeV electron irradiation 8-51583
Carpenter, G.J.C., Watters, J.F. An in-situ study of the dissolution of γ -zirconium hydride in zirconium 8-55951

- Carpenter, J.H.** *see* Burdett, J.K. 8-92492
- Carpenter, J.P.** *see* Benjamin, R.F. 8-59073
- Carpenter, J.P.** *see* Ehler, A.W. 8-51363
- Carpenter, J.W.** *see* O'Neill, R.R. 8-89038
- Carpenter, L.A.** *see* Nisbet, J.S. 8-96339
- Carpenter, R.**, Hamer, M.F., Bickley, W.P., Eddolls, D.V. Optically pumped $Pb_{1-x}Sn_xTe$ lasers 8-79035
- Carpenter, R.E.** *see* Andrews, J.T.S. 8-75603
- Carpenter, R.H.** *see* Whitney, J.A. 8-81125
- Carpenter, R.H.S.** Diffusion not the cause of after-image blurring 8-69099
- Carpenter, R.W.** *see* Liu, C.T. 8-83958
- Carpenter, S.G.** *see* Raju, M.R. 8-85336, 8-85337, 8-85338
- Carpentier, J.-L.**, Lebrun, A., Perdu, F., Tellier, P. Interpretation of electronic conduction in a polycrystalline sample of nickel oxide at high temperature 8-79990
- Carr, A.D.** *see* Connor, M.A. 8-90897
- Carr, B.J.** On the cosmological density of black holes 8-77573
- Carr, F.A.** *see* Bogges, A. 8-96382
- Carr, G.L.** *see* Russell, N.E. 8-56466
- Carr, J.A.** *see* Wiedner, C.A. 8-89915
- Carr, M.J.**, Strife, J.R., Ansell, G.S. An investigation of the effects of austenite strength and austenite stacking fault energy on the morphology of martensite in Fe-Ni-Cr-0.3C alloys 8-80546
- Carr, M.K.V.** *see* Reid, I.G. 8-85679
- Carr, P.H.** *see* O'Connell, R.M. 8-60018
- Carr, R.** *see* Hemminger, J.C. 8-76878
- Carr, R.H.** *see* White, G.K. 8-83977
- Carr, R.W., Jr.**, Hase, W.L. Comment on the biomolecular mechanism for ketene photodissociation in the near ultraviolet [and author's reply] 8-64870
- Carr, S.**, Fritts, A., Hull, L., Werner, T.C., Williams, G. Interfacing of a nuclear magnetic resonance spectrometer to a low cost micro-computer-based acquisition system 8-74042
- Carr, S.G.**, Khoo, S.K., Luckhurst, G.R., Smith, H.J. The orientational order in cholesteric liquid crystals 8-75540
- Carr, S.H.** *see* Comstock, R.J. 8-52431
- Carr, S.H.** *see* Even, W.R. 8-68784
- Carr, S.H.** *see* Stupp, S.I. 8-68443
- Carr, T.D.** *see* Desch, M.D. 8-81581
- Carr, T.W.**, Corl, E.A., Chiu-Lian Liu, Majtenyi, C.G. Quantitative H_2O determination in components using a plasma chromatograph-mass spectrometer 8-86379
- Carr, V.M.**, Chadwick, A.V., Saghafian, R. The electrical conductivity of PbF_2 and $SrCl_2$ crystals at high temperatures 8-79798
- Carr, W.** *see* Friedman, S. 8-67456
- Carr, W.** *see* Goldstein, B. 8-91120
- Carrasco, L.** Membrane leakiness after viral infection and a new approach to the development of antiviral agents 8-53371
- Carrasco, L.**, Creze, M. On the statistical paradox of O type runaway stars 8-57552
- Carrassi, M.** Linear heat equations from kinetic theory 8-94877
- Carravetta, V.**, Moccia, R. Results of diagonal ARPA calculations for LiH , HF , H_2O and NH_3 8-74594
- Carraz, L.C.** *see* Detraz, C. 8-74341
- Carre, D.** *see* Guittard, M. 8-76448
- Carrea, G.** Sun-weather relationships at Oxford 8-85674
- Carreira, L.A.**, Goss, L.P., Malloy, T.B., Jr. Comparison of the coherent anti-Stokes and coherent Stokes Raman line shapes of the ν_1 line of β -carotene near a one photon resonance 8-82727
- Carreira, L.A.** *see* Malloy, T.B., Jr. 8-62741
- Carretta, R.F.** *see* Von Hofe, S.E. 8-65116
- Carretta, U.**, Jacchia, A. Calculated profiles of emission rates for VUV oxygen lines in the quasi-resistive and slide-away regimes of the Thor Tokamak 8-83536
- Carrigan, R.A., Jr.**, Strauss, B.P., Giacomelli, G. Search for magnetic monopoles at the CERN Intersecting Storage Rings 8-66176
- Carrillo C., R.**, Lozano, O., Pal, S. Some new aspects of an alternating current demagnetization apparatus 8-85733
- Carrington, A.**, Milverton, D.R.J., Roberts, P.G., Sarre, P.J. Laser-induced electronic absorption spectra of CO^+ and H_2O^+ in ion beams detected through ion-molecule reactions 8-74671
- Carrington, A.**, Milverton, D.R.J., Sarre, P.J. Electronic absorption spectrum of CO^+ in an ion beam. Analysis of the carbon nuclear hyperfine structure in $^{13}CO^+$ 8-70822
- Carrington, A.**, Roberts, P.G., Sarre, P.J. Laser-induced predissociation of O_2^+ ($b^2\Sigma_g^- \leftarrow a^1\Pi_u$) in an ion beam 8-70886
- Carrington, A.** *see* Barnes, C.E. 8-90193
- Carrington, C.G.** *see* Christian, L.A. 8-90103
- Carrington, J.H.** *see* Biser, J. 8-81054
- Carrington, R.L.** *see* Beron, B.L. 8-74194
- Carroll, A.S.**, Chiang, I.-H., Johnson, R.A., Kycia, T.F., Ki, K.K., Littenberg, L.S., Marx, M.D., Cester, R., Webb, R.C., Witherell, M.S. Search for six-quark states 8-89757
- Carroll, A.S.**, Lazarus, D.M., Yamin, S.P. Polarization of inclusively produced protons at $p_1 = 1.5$ GeV/c 8-93917
- Carroll, C.E.** *see* Pink, D.A. 8-56953
- Carroll, D.I.** *see* Horning, E.C. 8-88680
- Carroll, J.**, Fredrickson, D.H., Goitein, M., MacDonald, B., Perez-Mendez, V., Stetz, A., Heusch, C.A., Kline, R.V., McDonald, K.T. A study of the reaction $p+d \rightarrow {}^3He + \pi^0$ in the resonance region 8-89874
- Carroll, J.** *see* Biegert, E. 8-93901
- Carroll, J.** *see* Stetz, A. 8-74247
- Carroll, J.B.** *see* Nasser, M.A. 8-70532
- Carroll, J.J.** *see* Jackson, B.S. 8-92890
- Carroll, J.J.** *see* Melmed, A.J. 8-89526
- Carroll, J.M.** *see* Collins, C.B. 8-79001
- Carroll, J.T.** *see* Ballam, J. 8-82247
- Carroll, J.T.** *see* Chadwick, G.B. 8-66175
- Carroll, L.J.** *see* Albrow, M.G. 8-58214
- Carroll, M.A.** *see* Alper, J. 8-82819
- Carroll, P.K.**, Kennedy, E.T., O'Sullivan, G. New continua for absorption spectroscopy from 40 to 2000 Å 8-54471
- Carroll, R.F.**, Ramakrishnan, S., Lemmon, G.N., Moo, W.I. AC distribution system for FTIR pulsed loads 8-54963
- Carron, G.**, Herr, H., Koziol, H., Krienen, F., Mohl, D., Petrucci, G., Rubbia, C., Sacherer, F., Sadoulet, B., Thorndahl, L., van der Meer, S., Wikberg, T. Stochastic cooling tests in ICE 8-90006
- Carron, G.** *see* Bregman, M. 8-89768
- Carron, J.-P.** *see* Jambon, A. 8-95180
- Carrozzo, M.T.** *see* Morelli, C. 8-65209
- Carruthers, G.R.** Sky surveys in the ultraviolet 8-93111
- Carruthers, P.**, Pinsky, S.S., Zachariasen, F. Perturbation theory with instantons 8-58125
- Carruthers, T.G.** *see* Bowen, L.J. 8-92220
- Carsky, P.** *see* Kello, V. 8-92497
- Carson, D.J.**, Richards, P.J.R. Modelling surface turbulent fluxes in stable conditions 8-61482
- Carson, P.L.** Activities of the American Association of Physicists in Medicine and the American Institute of Ultrasound in Medicine in ultrasound instrument performance evaluation 8-69170
- Carson, P.L.**, Fischella, P.R., Oughton, T.V. Ultrasonic power and intensities produced by diagnostic ultrasound equipment 8-69162
- Carson, P.L.** *see* Ahuja, A.S. 8-92669
- Carson, R.S.**, Pietrzyk, Z.A. An absolute calorimeter for a high-power high-energy CO_2 laser 8-93686
- Carstens, D.H.W.** The absorption of deuterium by cerium-containing binary alloys 8-51683
- Carstens, J.C.** *see* Ryan, B.F. 8-92913
- Carstensen, K.** *see* Alkofer, O.C. 8-89029
- Carswell, A.I.** *see* Pal, S.R. 8-85686, 8-85689
- Carswell, A.I.** *see* Ryan, J.S. 8-92981
- Carswell, R.F.** Statistics of absorption lines and line-locking 8-57681
- Carswell, R.F.** *see* Boksenberg, A. 8-93453
- Carswell, R.F.** *see* Wilkerson, M.S. 8-93447
- Cartacci, A.M.** *see* Forino, A. 8-78220
- Carte, A.E.**, Held, G. Variability of hailstorms on the South African plateau 8-92911
- Carter, A.A.** Evidence for new meson resonances from the reaction $pp\text{-}J^+K^+$ 8-70399
- Carter, A.A.** Evidence for new meson resonances from the reaction $pp\text{-}K^+K^+$ 8-93897
- Carter, A.C.** *see* Goodfellow, R.C. 8-56213
- Carter, A.N.** Contrasts between oceanic and continental 'unconformities' in the Oligocene of the Australian region 8-73370
- Carter, B.** Domains of stationary communications in space-time 8-62133
- Carter, C.B.** *see* Cosandey, F. 8-79620
- Carter, C.L.**, Cole, K.D. An important statistical consideration, and the effect of the interplanetary magnetic field on the quiet time variation of the geomagnetic field 8-61697
- Carter, C.R.**, Haykin, S.S., Chan, H.C. A programmable sonar signal processor 8-66976
- Carter, D.**, Dixon, K.L. Photometry of M87 at faint light levels 8-69867
- Carter, E.S.** The effect of the drought on British agriculture 8-88890
- Carter, F.L.** Quantifying the concept of coordination number 8-95008
- Carter, G.**, Webb, R., Collins, R. The accumulation of disorder, subject to saturation and sputter limitation, in ion irradiated solids 8-67753
- Carter, G.C.** A brief description of the fundamental difficulties in passive ranging 8-71241
- Carter, G.C.** Optimum-element placement for passive bearing estimation in unequal signal-to-noise ratio environments [hydrophone] 8-87210
- Carter, G.C.** *see* Scannell, E.H., Jr. 8-66979
- Carter, G.M.** Tunable high-efficiency microwave frequency shifting of infrared lasers 8-71126
- Carter, H.G.**, Kibler, K.G. Langmuir-type model for anomalous moisture diffusion in composite resins 8-67867
- Carter, J.**, Sellschop, J.P.F., Clarkson, R.G., Hnizdo, V. Inelastic scattering of heavy ions from deformed light nuclei at near-barrier energies 8-54796
- Carter, J.A.** *see* Christie, W.H. 8-76942
- Carter, J.A.** *see* Donohue, D.L. 8-58048
- Carter, J.G.** *see* McCorkle, D.L. 8-87427
- Carter, J.P.** The expansion of a cylinder under conditions of finite plane strain 8-51094
- Carter, J.P.**, McCawley, F.X. In situ corrosion tests in Salton Sea geothermal brine environments 8-85032
- Carter, J.R.** *see* Bust, C.P. 8-93909
- Carter, L.M.** The chemical role of thermography 8-57113
- Carter, S.** *see* Murrell, J.N. 8-62743
- Carter, S.L.**, Kelly, H.P. Photoionisation cross section for the $4d^{10}$ subshell of cadmium I 8-78674
- Carter, S.L.** *see* Brown, E.R. 8-62771
- Carter, S.R.**, Evensen, N.M., Hamilton, P.J., O'Nions, R.K. Continental volcanics derived from enriched and depleted source regions: Nd- and Sr-isotope evidence 8-53635
- Carter, S.R.** *see* O'Nions, R.K. 8-61395, 8-65238
- Carter, T.J.** *see* McAllister, P.B. 8-67661
- Carter, W.E.**, Pettey, J.E., Strange, W.E. The accuracy of astronomic azimuth determinations 8-92774
- Carter, W.H.** Radiant intensity from inhomogeneous sources and the concept of averaged cross-spectral density 8-74958
- Carter, W.H.**, Bertolotti, M. An analysis of the far-field coherence and radiant intensity of light scattered from liquid crystals 8-64372
- Carter, W.H.**, Wolf, E. Some relationships between the correlation coefficients of planar sources and of their far fields 8-66750
- Carteret, Y.** *see* Delpeyroux, P. 8-66349
- Cartianu, D.** Integral representations for the transport coefficients of molten salts 8-67842
- Cartledge, J.C.** Excitation of a doubly clad optical fiber by misaligned Gaussian beams 8-74972
- Cartling, B.**, Ehrenberg, A. A molecular mechanism of the energetic coupling of a sequence of electron transfer reactions to endergonic reactions 8-96026
- Carton, N.D.** Replicated Schmidt plates—their testing and performance calculation 8-66967
- Carton-Merlet, F.**, Pajot, B., Vajda, P. Intrinsic defects in neutron-irradiated silicon and infrared study 8-52534
- Carturan, G.**, Gottardi, V., Graziani, M. Physical and chemical evolutions occurring in glass formation from alkoxides of silicon, aluminum and sodium 8-80503
- Cartwright, B.G.**, Shirk, E.K., Price, P.B. A nuclear-track-recording polymer of unique sensitivity and resolution 8-74535
- Cartwright, B.G.** *see* Tarle, G. 8-89024
- Cartwright, D.C.** Rate coefficients and inelastic momentum transfer cross sections for electronic excitation of N_2 by electrons 8-78819
- Cartwright, D.E.** *see* Alcock, G.A. 8-85565
- Cartwright, D.J.** *see* Wang Ke-Jen 8-67152
- Cartwright, G.** *see* Jamieson, D.T. 8-51752, 8-63862, 8-63885
- Carusi, A.**, Massaro, E. Statistics and mapping of asteroid concentrations in the proper elements' space 8-96420
- Caruso, L.** *see* Buccella, F. 8-54626
- Caruthers, E.**, Lin-Chung, P.J. Pseudopotential calculations for $(GaAs)_x-(AlAs)_y$ and related monolayer heterostructure 8-60198
- Caruthers, Ed.**, Lin-Chung, P.J. Pseudopotential calculations for ultrathin layer heterostructures 8-95343
- Carvalho, H.** Freitas de see Freitas de Carvalho, H.
- Carver, G.P.** *see* Burke, J.R. 8-60234
- Carver, J.H.** *see* Lewis, B.R. 8-90186
- Casadesus, P.**, Frantz, C. Boriding of iron and steel by ion bombardment with diborane 8-60876
- Casagrande, C.** *see* Dubault, A. 8-67642
- Casagrande, F.**, Montaldi, E. On the discrete-time Schrödinger equation for the linear harmonic oscillator 8-49717
- Casal, P.** Interpretation of the Rice integral in continuum mechanics 8-49658
- Casalbuoni, R.**, Domokos, G., Kovesi-Domokos, S. Internal symmetries and ghost symmetries: models on Hermitian spheres 8-70304
- Casalegno, R.** *see* Belorizky, E. 8-72340
- Casalini, G.**, Corazzari, T., Garofano, T. Superficial trapping levels in anthracene crystals 8-76021
- Casalone, G.**, Cattania, M.G., Simonetta, M., Tesari, M. Adsorption of hydrogen on $Ni(111)$ at low temperature studied by LEED 8-56045
- Casalta, L.** *see* Firpo, J.L. 8-51795
- Casaretto, J.T.** *see* Caprihan, A. 8-81012

- Casarin, M.** *see* Ajo, D. 8-51883
- Casasent, D.** Optical computing techniques for radar and sonar signal processing 8-75018
- Casasent, D.** Optical data processing for engineers. I. Fundamentals, techniques and system architectures 8-78923
- Casasent, D.** Spatial light modulators and their use in optical data processing 8-78941
- Casasent, D.** Space variant optical pattern recognition 8-78945
- Casasent, D.** E-beam DKDP light valves 8-83099
- Casasent, D.** Photo DKDP light valve: a review 8-83101
- Casasent, D.,** Hackwelder, J., DiLeonardo, P. A microprocessor-based optical/digital processor 8-63027
- Casasent, D.,** Klimas, E. Multichannel optical correlator for radar signal processing 8-74847
- Casasent, D.,** Kraus, M. Polar camera for space-variant pattern recognition 8-66767
- Casasent, D.,** Luu, T. Phase error model for simple Fourier transform lenses 8-71037
- Casasent, D.,** Psaltis, D. Determinations of linear and nonlinear phase distributions 8-58954
- Casasent, D.,** Thanh Luu Performance measurement techniques for simple Fourier transform lenses 8-94374
- Casasent, D.** *see* Bleha, W.P. 8-83102
- Casasent, D.** *see* Nishimura, M. 8-66777
- Casasent, D.** *see* Psaltis, D. 8-55305
- Casasent, D.** (editor) Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.118. Optical Signal and Image Processing 8-74853
- Casasent, D.** (editor) Optical data processing. Applications 8-90388
- Casavecchia, P.** *see* Aquilanti, V. 8-50619
- Casciaro, R.,** Aristodemio, M. Perturbation approach to nonlinear post-buckling analysis 8-79244
- Cascio, L.L.** *see* Lo Cascio, L.
- Casciola, M.** *see* Alberti, G. 8-76915
- Case, C.** *see* Lyons, A. 8-52700
- Case, D.A.,** Herschbach, D.R. Information theory analysis of angular momentum disposal in chemical reactions 8-80730
- Case, K.M.** Integration of linearized non-linear evolution equations 8-93512
- Case, S.K.,** Dallas, W.J. Volume holograms constructed from computer-generated masks 8-87026
- Case, S.K.** *see* Almeida, S.P. 8-69261
- Casella, R.C.** Isotopic shifts in complex crystals 8-67787
- Casenave, D.** *see* Gauthier, R. 8-64474
- Cases, J.C.,** Parker, V.B., Kilday, M.V. Enthalpy of solution of sodium nitrite 8-80781
- Casey, H.C., Jr.** Room-temperature threshold-current dependence of GaAs-Al_xGa_{1-x}As double-heterostructure lasers on x and active-layer thickness 8-79019
- Casey, H.C., Jr.,** Cho, A.Y., Lang, D.V., Nicollian, E.H. Measurement of MIS capacitors with oxygen-doped Al_xGa_{1-x}As insulating layers on GaAs 8-95371
- Casey, H.C., Jr.,** Cho, A.Y., Nicollian, E.H. Use of oxygen-doped Al_xGa_{1-x}As for the insulating layer in MIS structures 8-64115
- Cash, W.,** Bowyer, S., Charles, P.A., Lampton, M., Garmire, G., Riegler, G. The soft X-ray spectrum of Capella: Discovery of intense line emission 8-93228
- Cash, W.** *see* Schnopper, H.W. 8-65691
- Cashman, J.D.** The echo cross-section of a longitudinally slotted cylinder calculated by the method of moments 8-86992
- Cashman, P.M.M.** A pattern recognition program for continuous ECG processing in accelerated time 8-92725
- Cashmore, R.J.** *see* Longacre, R.S. 8-66151
- Casili, R.** *see* Baland, J.F. 8-93911
- Casini, C.,** Heidmann, J. Morphology of pairs containing one Markarian and one normal galaxy 8-96535
- Casnedi, R.** Geological notes on the junction between the Haramosh-Nanga Parbat structure and the Karakorum range 8-85553
- Caso, C.** *see* Baland, J.F. 8-93911
- Cason, C.,** Jones, R.W. Unstable optical resonators with tilted spherical mirrors 8-74930
- Cason, N.M.,** Baumbaugh, A.E., Bishop, J.M., Biswas, N.N., Kenney, V.P., Polychronakos, V.A., Ruchti, R.C., Shephard, W.D., Watson, J.M. Measurement of the $\pi^+\pi^-\rightarrow K_s^0 K_s^0$ scattering cross section 8-82240
- Cason, N.M.** *see* Harris, R. 8-82242
- Cason, N.M.** *see* Lamsa, J.W. 8-54658
- Casperd, A.N.,** Hill, R. Dry barrier formation of Cu₂S-CdS junctions 8-64109
- Caspers, L.M.,** Van Veen, A., Van Heugten, W.F.W.M., Fastenau, R.H.J. Mutation of vacancies to divacancies by helium trapping in molybdenum. Effect on the onset of percolation 8-51601
- Caspers, L.M.** *see* Fastenau, R.H.J. 8-71754
- Caspers, L.M.** *see* van der Berg, F. 8-91358
- Caspers, L.M.** *see* van Heugten, W.F.W.M. 8-79604
- Caspers, W.J.** *see* van de Braak, H.P. 8-76212
- Casperson, D.E.** *see* Reist, H.-W. 8-70672
- Casperson, L.** *see* Yeh, C. 8-90510
- Casperson, L.W.,** Yeh, C. Rayleigh-Debye scattering with focused laser beams 8-71030
- Caspi, S.,** Lee, J.Y., Frederking, T.H.K. Lambda-transition (He II-HeI) during heat flow at supercritical pressures 8-91499
- Caspi, S.** *see* Lee, J.Y. 8-95199
- Cassady, P.,** Newton, J., Rose, P. A new mixing gasdynamic laser 8-71073
- Cassandro, M.** *see* Benfatto, G. 8-49952
- Cassanelli, G.** *see* Bressers, J. 8-54498, 8-83841
- Cassapakis, C.** *see* Thomas, W. 8-70392
- Cassapakis, C.G.** *see* Bonner, B.E. 8-50173, 8-50174
- Cassapakis, C.G.** *see* Riley, P.J. 8-70389, 8-70534
- Cassatella, A.** *see* Boggess, A. 8-96383
- Cassatella, A.** *see* Linsky, J.L. 8-96475
- Cassel, D.G.** Exclusive and inclusive final states in deep inelastic lepton scattering 8-78184
- Cassel, R.** *see* Karady, G. 8-58496
- Cassel, R.** *see* Petree, F. 8-55017
- Cassell, S.** *see* Clayton, P.R. 8-75843
- Cassen, P.,** Young, R.E., Schubert, G. The distortion of the Moon due to convection 8-61761
- Cassidy, D.C.** Heisenberg's first paper 8-70784
- Cassidy, W.** *see* Hapke, B. 8-61762
- Cassinelli, G.,** Beltrametti, E.G. Quantum logics and ideal measurements of the first kind 8-54237
- Cassou, R.M.,** Benton, E.V. Properties and applications of CR-39 polymeric nuclear track detector 8-94170
- Castevens, J.M.,** Rylander, H.G., Eliezer, Z. Influence of high velocities and high current densities on the friction and wear behaviour of copper-graphite brushes 8-88544
- Cassuto, A.** *see* Ducros, R. 8-85194
- Castagne, M.,** Gasiot, J., Fillard, J.P. Optical multichannel analysis: data microprocessing of TSL transients 8-54347
- Castagnino, M.** The problem of scalar field theory in curved space-time 8-54250
- Castagno, J.G.,** Bull, S.R. Contrast reduction factor for object contrast assessment in neutron radiography 8-82067
- Castagnoli, C.,** Galeotti, P., Saavedra, O. Neutrino bursts and gravitational waves experiments 8-77567
- Castaing, B.** A vacancy model in solid helium IV 8-51784
- Castaing, B.,** Libchaber, A. Roton second sound and the roton-roton interaction potential 8-75898
- Castaldi, R.** *see* Bracale, M. 8-57128
- Castan, S.** Image enhancement and restoration 8-58931
- Castan, S.** *see* Basille, J.L. 8-61153
- Castaneda, C.M.,** Smith, H.A., Jr., Singh, P.P., Jastrzebski, J.J., Karwowski, H.R., Gaigalas, A.K. Gamma-rays from the transfer of α and d fragments in ⁴¹Li induced reactions far above the Coulomb barrier 8-86545
- Castanet, R.** *see* Said, H. 8-52774
- Castano, F.** *see* Traspederne, A. 8-72481
- Castano, F.** *see* Urrecha, I. 8-82746
- Castano, J.L.,** Piqueras, J., Munoz, E. Surface layers in heat-treated GaAs 8-64095
- Castanos, O.,** Frank, A., Moshinsky, M. The gradient formula for the O(5) \supset O(3) chain of groups 8-78285
- Casteel, C.M.** *see* Gavenda, J.D. 8-51877
- Castellani, V.** *see* Caloi, V. 8-77551
- Castellani, V.** *see* Caputo, F. 8-69784, 8-81613
- Castellano, E.E.,** Piro, O.E., Podjarny, A.D., Rivero, B.E., Aymonino, P.J., Lesk, J.H., Varetto, E.L. The crystal and molecular structure of strontium nitroprusside dihydrate 8-91311
- Castelli, F.** Fine analysis of the F component of the ϵ Aurigae system 8-85976
- Castellucci, R.** *see* Bracale, M. 8-57128
- Casten, R.F.,** Namenson, A.I., Davidson, W.F., Warner, D.D., Borner, H.G. Low-lying levels in ¹⁹⁴Os and the prolate-oblate phase transition 8-62540
- Casten, R.F.** *see* von Egidy, T. 8-66215
- Castet-Mejean, L.,** Michel-Calandini, F.M. Behaviour of the complex electronic dielectric constant of cubic ABO₃ perovskites from tight-binding energy bands 8-60054
- Castiel, D.,** Eguliz, A., Maradudin, A.A., Mills, D.L., Wallis, R.F. Some consequences of surface roughness for the dynamical properties of solid surfaces 8-75923
- Castiglioni, M.,** Volpe, P. High energy tritium reactions with CH₃Cl: methyl abstraction to substitution ratio 8-85187
- Castillo, J.L.,** Velarde, M.G. Thermal diffusion and the Marangoni-Bernard instability of a two-component fluid layer heated from below 8-75860
- Castle, J.N.** *see* Dhir, V.K. 8-90689
- Castle, J.W.** Information content and contrast of rare-earth and calcium tungsten intensifying screens 8-73232
- Castleman, A.W., Jr.** *see* Holland, P.M. 8-76840
- Castner, T.G.,** Tan, H.S. Relativistic corrections and very small g-shifts in solids 8-72393
- Castner, T.G.** *see* Olson, D.W. 8-72391
- Castner, T.G.** *see* Seager, C.H. 8-76072
- Castoldi, P.,** Schombond, C. Strong coupling limit of $g\phi^4$ theory: general formalism and applications 8-78071
- Castorina, P.,** Recami, E. Hadrons as compounds of bradyon particles and tachyons 8-58156
- Castorina, P.,** Recami, E. Hadrons as compounds of bradyons and tachyons 8-58163
- Castro, A.R.B.De** *see* De Castro, A.R.B.
- Castro, E.A.,** Amorebieta, V. Virial theorem and H₂⁺ bonding 8-49599
- Castro, F.M.** De Oliveira *see* De Oliveira Castro, F.M.
- Castro, I.P.,** Fackrell, J.E. A note on two-dimensional fence flows, with emphasis on wall constraint 8-59381
- Castro, J.C.** *see* Zimmerman, M.L. 8-50484
- Castro, J.J.** *see* Brandi, H.S. 8-74767
- Castro Faria, N.V.** *see* De Castro Faria, N.V.
- Castronovo, F.P.** *see* Potsaid, M.S. 8-61251
- Caswell, J.L.** Asymmetries in the shells of supernova remnants—evidence of large-scale gradients in the surrounding medium 8-69861
- Caswell, J.L.** *see* Haynes, R.F. 8-81686
- Caswell, W.E.,** Horgan, R.R., Lepage, G.P. Divergence of the Bethe-Salpeter wave function at the origin 8-74147
- Caswell, W.E.,** Lepage, G.P. New theoretical prediction of the ground-state hyperfine splitting in muonium 8-94337
- Cat, R.** *see* De Cat, R.
- Catalano, A.,** Dalal, V., Fagen, E.A., Hall, R.B., Masi, J.V., Meakin, J.D., Warfield, G., Barnett, A.M. Zn₃P₂ as a photovoltaic material 8-64066
- Catalano, I.M.,** Cingolani, A., Ferrara, M., Lugara, M. Temperature dependence of the stimulated emission from HgI₂ at high density of excitons 8-84608
- Catalano, S.** *see* Blanco, C. 8-93147
- Cataldo, D.A.** *see* Routson, R.C. 8-80974
- Catalov, G.A.** A new facial type of Triassic in the Strandja Mountain 8-81154
- Catani, G.** *see* Stanley, D.J. 8-57193
- Catchen, G.L.,** Husain, J., Zare, R.N. Scattering kinematics: transformation of differential cross sections between two moving frames 8-89369
- Catchen, G.L.** *see* Miller, J.M. 8-50220
- Catellani, F.** *see* Canali, C. 8-79821
- Catenacci, R.,** Salmistraro, F. Classical geometrodynamics revisited 8-77786
- Cater, E.D.** *see* Beeken, R.B. 8-51943
- Cater, E.D.** *see* Fries, J.A. 8-67822
- Catherines, J.J.** *see* Jha, S.K. 8-90595, 8-90596
- Catherinot, A.** *see* Dubreuil, B. 8-59706
- Cathers, A.R.** *see* Nussbaum, G.H. 8-56890
- Cathery, L.** *see* Balcerak, T.W. 8-80258
- Cathro, K.** *see* Window, B. 8-87111
- Catier, E.** The industrial dossier of fibre-optics and optical links 8-71201
- Catipovic, N.M.,** Jovanovic, G.N., Fitzgerald, T.J. Regimes of fluidization for large particles 8-83463
- Catlett, D.S.** *see* McCreary, W.J. 8-60861
- Catlett, D.S.** *see* Mayer, A. 8-60862
- Catlett, D.S.** *see* Springer, R.W. 8-72732
- Catlow, C.R.A.** The thermodynamics of UPuO_{2-x}—a reply to the comments of Manes and Matzke 8-70594
- Catlow, C.R.A.,** Comins, J.D., Germano, F.A., Harley, R.T., Hayes, W. Brillouin scattering and theoretical studies of high-temperature disorder in fluorite crystals 8-80365
- Catlow, C.R.A.,** Harley, R.T., Hayes, W. Brillouin scattering and lattice defect energetics of superionics with the fluorite structure 8-80369
- Caton, R.,** Sweedler, A.R. The dependence of the superconducting transition temperature on silicon concentration in the NbAlSi ternary system 8-84339
- Caton, R.** *see* Varmazis, C. 8-54352
- Caton, R.** *see* Viswanathan, R. 8-88075, 8-91802
- Cattaneo, U.** The quantum mechanical Poincare and Galilei groups 8-49701
- Cattani, M.** *see* Yamamoto, Y. 8-86915
- Cattania, M.G.** *see* Casalone, G. 8-56045
- Catterall, R.,** Edwards, P.P. Electron spin resonance spectra of solvated alkali metal atoms in frozen solutions of sodium, potassium rubidium and caesium in hexamethylphosphoramide 8-91927

- Catto, P.J.** Linearized gyro-kinetics 8-91081
- Catto, P.J., Tsang, K.T.** Trapped electron instability in Tokamaks: analytic solution of the two-dimensional eigenvalue problem 8-83549
- Catto, P.J.** *see* Tsang, K.T. 8-79431
- Catton, I.** *see* Chan, C.K. 8-94098
- Catton, I.** *see* Dhir, V.K. 8-90689
- Catton, I.** *see* Lun-Shin Yao 8-90892
- Catton, I.** *see* Rhee, S.J. 8-71396
- Catton, I.** *see* Yao, L.S. 8-89960
- Catura, R.C.** *see* Johnson, H.M. 8-57695
- Catz, P.** *see* Albrow, M.G. 8-58214
- Cauchmont, C.** *see* Rasneur, J. 8-64053, 8-84264
- Caudano, R.** *see* Pireaux, J.J. 8-52630
- Caudano, R.** *see* Riga, J. 8-52631, 8-52632
- Caudell, T.P., Smolka, F.M.** Active optics with room temperature vulcanizing silicone rubber 8-66888
- Caughey, S.J., Dare, W.M., Crease, B.A.** Acoustic sounding of radiation fog 8-69419
- Caughey, T.K., Vijayaraghavan, A.** Forced oscillations of a piece-wise linear non-linear dynamic system with several degrees of freedom 8-54173
- Cauletti, C.** *see* Andreocci, M.V. 8-82782
- Caulfield, H.J.** *see* Hirschfeld, T. 8-66883
- Caulfield, J.B.** *see* Thompson, J.E. 8-73193
- Caullet, C.** *see* Dian, G. 8-73111
- Causebrook, J.H.** Electric/magnetic field ratios of ground waves in a realistic terrain 8-88795
- Causey, R.A., Fowler, J.D., Camran Ravanbakht, Ellemann, T.S., Kuruvilla Verghese** Hydrogen diffusion and solubility in silicon carbide 8-79816
- Causley, G.C., Russell, B.R.** Electric dipole moment and polarizability of the 1749 \AA , $^1\text{B}_2$ excited state of formaldehyde 8-66572
- Caussade, B.H., Renard, G.** Numerical identification of the parameters distributed in the nonlinear thermal diffusion equation 8-94584
- Cautenet, S.** Application of a method of factorial analysis by principal components in the study of storms. Analysis of determination of a hail index 8-96267
- Cauterman, M., Degauque, P., Demoulin, B., Gabillard, R.** Remote sensing of buried resistive inhomogeneities by electromagnetic transmission measurements between the ground surface and a borehole-theory and experiment 8-57365
- Cautis, C.V.** *see* Ballam, J. 8-82247
- Cauvin, B., Jared, R.C., Russo, P., Schmitt, R.P., Babinet, R., Moretto, L.G.** Binary aspects and particle multiplicities of the fragments from $^{107}\text{Ag}+^{340}\text{MeV } ^{40}\text{Ar}$ deep inelastic collisions 8-70554
- Cauwet, G.** Organic chemistry of sea water particulates. Concepts and developments 8-65344
- Cavagnat, R., Cornut, J.C., Couzi, M., Daleau, G., Huong, P.V.** A sample holder for Raman spectroscopic studies of crystals at low temperatures. Application: phase transition in succinonitrile 8-86342
- Cavaignac, J.F., Liaud, P., Steinberg, R., Vignon, B., Jeenicke, E., Wilson, R.** Study of parity violation by neutron capture gamma rays 8-62527
- Cavaignac, J.-F.** *see* Sharman, P. 8-62330
- Cavaille, J.Y., Drechsler, M.** Surface self-diffusion by ion impact 8-75938
- Cavaleru, A.I., Dinca, G.** Ion plated Al-Si contacts 8-88029
- Cavalheiro, R., Birman, J.L.** Theory of lattice dynamics of Cu_2O 8-59896
- Cavallaro, A., D'Alessio, T., Lo Forti, R., Merlo, U.** Local circulatory system characterization by means of on line processing of ultrasonics scattered signals 8-57109
- Cavallaro, S.** *see* Arena, N. 8-82357
- Cavallaro, S.** *see* Calvi, G. 8-86538
- Cavalleri, G., Spinelli, G.** Particle speed when approaching the Schwarzschild radius 8-57776
- Cavalli, D.** *see* Alibrán, P. 8-50026
- Cavalli, D.** *see* Erriquez, O. 8-82195
- Cavalli Sforza, M.** *see* Goggi, G. 8-89740
- Cavalli-Sforza, M.** *see* Aschman, D. 8-78201
- Cavalli-Sforza, M.** *see* Goggi, G. 8-89739
- Cavallini, F., Conti, M., Federico, A., Marucci, G., Mennini, G., Taglia, L., Tavano, F.** Out-of-pile preliminary test for the study of the UO_2/Na interaction in fast breeder reactors 8-54828
- Cavallini, M.** *see* Bombara, G. 8-85027
- Cavallini, M.** *see* Gratton, L.M. 8-68942
- Cavallo, G.** On the sources of ultra-high energy cosmic rays 8-61941
- Cavallo, G.** Physical mechanisms affecting the observations of fast transient phenomena in astrophysics 8-93105
- Cavallo, G., Rees, M.J.** A qualitative study of cosmic fireballs and γ -ray bursts 8-54087
- Cavalluzzo, S.** *see* Knutson, D. 8-50350
- Cavanagh, P.** Subharmonics in adaptation to sine wave gratings 8-69073
- Cavani, C.** *see* Attolini, M.R. 8-85777
- Cave, L.** The probabilities of reactor safety 8-82468
- Cavedon, J.M.** *see* Bellicard, J.B. 8-54669
- Cavell, E.A.S., Petrucci, S.** Dielectric relaxation studies of solutions of 1:2, 2:1 and 2:2 electrolytes in water 8-84519
- Cavell, R.G., Allison, D.A.** Photoelectron spectra of acetylene with He^I , He^{II} , Zr M_β , and Mg K_α radiation sources 8-78749
- Cavenett, B.C., Hermann, C., Lampel, G., Nakamura, A., Paget, D., Weisbuch, C.** Optical detection of electron spin resonance in CdTe 8-80252
- Cavenett, B.C.** *see* Davies, J.J. 8-80254
- Cavenett, B.C.** *see* Dawson, P. 8-80253
- Cavenett, B.C.** *see* Morigaki, K. 8-84500
- Caviglia, G., Ferretti, C.** Optical co-ordinates in general relativity. I. An axiomatic approach 8-86207
- Caville, C., Fawcett, V., Long, D.A.** On the Raman spectrum of a single crystal of K_2SeO_4 : Corrections to earlier spectra and assignments 8-56487
- Cavlin, S.I.** Modulus of brittleness of solids-A critical tensile span 8-92318
- Cawthorn, R.G.** The petrology of the Tilting Harbour igneous complex, Fogo Island, Newfoundland 8-77230
- Cayolla da Motta, L.** *see* da Silva Horta, J. 8-96073
- Cazabat, A.-M.** Rayleigh-Brillouin scattering by polyatomic gases in non-hydrodynamic domain [data accumulation system] 8-86872
- Cazzola, G.** *see* Inzani, P. 8-77489
- Cazzola, P., Lucaroni, L., Semenzato, R.** Asymptotic eigenfrequency distribution for even-parity perturbations of hot perfect-fluid relativistic stars 8-49668
- Cazzoli, G., Caminati, W., Favero, P.G., Degli Esposti, C.** Equilibrium structure of FCN. Vibrational energy transfer from active nitrogen 8-82725
- Cazzoli, G., Esposti, C.D., Favero, P.G.** Equilibrium structure of cyanogen iodide 8-58677
- Cazzoli, G.** *see* Mirri, A.M. 8-82809
- Cecchetti, A., Ferrari, G., Masoli, F., Soardo, G.P.** Rotational power losses in 3% SiFe as a function of frequency 8-91888
- Cecchini, R., Tarlini, M.** Arbitrary-spin particles in an electromagnetic field 8-93829
- Cecchini, S.** *see* Attolini, M.R. 8-85777
- Cechak, T.** *see* Hanak, V. 8-66424
- Cecille, L.** *see* Mannone, F. 8-66676
- Cederbaum, L.S., Domicke, W., Schirmer, J., Niessen, W., Dierckens, G.H.F., Kraemer, W.P.** Correlation effects in the ionization of hydrocarbons 8-90234
- Cederbaum, L.S.** *see* Domicke, W. 8-82619
- Cederbaum, L.S.** *see* Koppel, H. 8-62948
- Cederbaum, L.S.** *see* Schirmer, J. 8-70883, 8-70937, 8-82784
- Cefarelli, F.P., Evans, R.T.** Three-fiber system for optical interconnections 8-94439
- Ceglio, N.M.** Microscopy of laser fusion plasmas using Fresnel zone structures: (I) Fresnel zone plate coded imaging; (II) efficient X-ray lensing elements 8-51359
- Ceglio, N.M.** *see* Coleman, L.W. 8-51362
- Celal-Sengor, A.M., Burke, K.** Relative timing of rifting and volcanism on Earth and its tectonic implications 8-81129
- Celasco, M.** Electrical conduction and current noise in discontinuous platinum films 8-72286
- Celasco, M., Masoero, A., Mazzetti, P., Stepanescu, A.** Electrical conduction and current noise mechanism in discontinuous metal films. I. Theoretical 8-56244
- Celasco, M., Masoero, A., Mazzetti, P., Stepanescu, A.** Electrical conduction and current noise mechanism in discontinuous metal films. II. Experimental 8-56245
- Celata, C.M.** *see* Audenaerde, K. 8-91077
- Celati, R.** *see* d'Amore, F. 8-69387
- Celaya, L., Mallick, S.** Incoherent processor for restoring images degraded by a linear smear 8-78921
- Celestia, G.G.** *see* Birkemeier, W.P. 8-53542
- Celia, M.A.** *see* Pinder, G.F. 8-93018
- Celinski, Z.** *see* Zaki, M. 8-79476, 8-79477
- Celis, J.P.** *see* Roos, J.R. 8-84743
- Celler, G.K., Poate, J.M., Kinerling, L.C.** Spatially controlled crystal regrowth of ion-implanted silicon by laser irradiation 8-55810
- Celler, G.K.** *see* Bean, J.C. 8-84078
- Celler, G.K.** *see* Leamy, H.J. 8-67724
- Celler, G.K.** *see* Venkatesan, T.N.C. 8-91354
- Celli, A.** *see* Jones, R.W. 8-86619
- Celli, V.** *see* Bortolani, V. 8-80032
- Celli, V.** *see* Crowley, S. 8-95056
- Celli, V.** *see* Flytzanis, N. 8-71738
- Celli, V.** *see* Hill, N.R. 8-56495, 8-80449
- Celmaster, W., Henyey, F.S.** Instantaneous approximation for a gauge theory with dressed vertices 8-78091
- Celnik, J.** *see* Peng, W.H. 8-66429
- Celnikier, L.M.** *see* Wijnbergen, J.J. 8-81552
- Celotta, R.J.** *see* Unertl, W.N. 8-83693
- Celto, J.E.** *see* Schimitschek, E.J. 8-50768
- Cem Gokay, M., Soltanoalkotabi, M., Cross, L.A.** Copper acetylacetonate as a source in the 5106-\AA neutral copper laser 8-82956
- Cem Gokay, M.** *see* Cross, L.A. 8-66803
- Cemal Eringen, A.** Comments on the stress tensor in nematic liquid crystals 8-67647
- Cemal Eringen, A.** *see* Demiray, H. 8-49653
- Cember, H.** *see* Claycamp, H.G. 8-78556
- Cena, K., Clark, J.A.** Thermal insulation of animal coats and human clothing 8-73139
- Cenalmor, V., Lamy, Ph.L., Perrin, J.M., Nguyen-Trong, T.** Photon counting and analog television systems with digital real time image processing and display 8-96402
- Cence, R.J.** *see* Bell, J. 8-54625, 8-93872, 8-93873
- Cenja, M., Duma, M., Hategan, C., Tanase, M.** The (p,n) threshold anomaly in proton elastic scattering on ^{23}Na , ^{27}Al , ^{31}P , ^{35}Cl and ^{34}S 8-94003
- Cenkner, A.A., Jr., Nelson, B.E., Chuvala, J.T.** Dynamic testing of a cryogenic heat pipe radiator 8-94532
- Cenni, R.** *see* Alberico, W.M. 8-70480
- Cense, W.A., Albers, W.** On the in-situ growth of aligned composites by means of disproportionation of amorphous metal systems 8-72755
- Censor, D.** Diffusivity measurement method based on the concept of group velocity 8-73989
- Center, R.E., Newton, J.F.** Vibrational relaxation of N_2 by H_2O 8-66631
- Center, R.E.** *see* Fisher, C.H. 8-63078, 8-94289
- Centro, S., De Giorgi, M., Pascoli, D.** Fast AD conversion of pulse sequences 8-55119
- Centro, S.** *see* Heller, M. 8-70689
- Ceperley, D., Chester, G.V., Kalos, M.H.** Monte Carlo study of the ground state of bosons interacting with Yukawa potentials 8-51768
- Ceperley, D., Kalos, M.H., Lebowitz, J.L.** Computer simulation of the dynamics of a single polymer chain 8-83718
- Ceradini, F.** *see* Baum, L. 8-89758
- Ceradini, F.** *see* Federici, L. 8-55107
- Cerar, J.** *see* Bohm, J. 8-80948
- Cerasoli, C.P.** Experiments on buoyant-parcel motion and the generation of internal gravity waves 8-55655
- Cercek, B.** *see* Cercek, L. 8-96013
- Cercek, L., Cercek, B., Ockey, C.H.** Fluorescein excitation and emission polarization spectra in living cells. Changes during the cell cycle 8-96013
- Cercek, M.** *see* Tavzes, R. 8-75313
- Cerdeira, F.** *see* Lemos, V. 8-76461
- Cerdeira, F.** *see* Scarpato, M.A.F. 8-79700
- Ceren, E.** *see* Lubezky, I. 8-87131
- Ceresara, S.** *see* Bruzzese, R. 8-64175
- Cerez, P., Bennett, S.J.** New developments in iodine stabilized He-Ne lasers 8-90429
- Cerez, P., Brillet, A., Hajdukovic, S., Man, N.** Iodine stabilised He-Ne laser with a hot wall iodine cell 8-87073
- Cerez, P.** *see* Bennett, S.J. 8-66871
- Cerf, J.** *see* Miribel, J. 8-89997
- Cerf, J.** Origin of internal viscosity in diluted polymer solutions 8-91465
- Cerisier, P., Finiels, G., Buisson, C.** The velocity of ultrasound and its thermodynamic interpretation in molten salts. VI. Study of binary and higher-order mixtures of nitrates of monovalent metals 8-79670
- Cerisier, P., Roux, F.** A study of the electrical conductivity and transition points of potassium carbonate 8-75873
- Cernoplekov, N.A.** Superconducting magnet systems for plasma physics research in the USSR 8-87474
- Cernosek, R.W.** *see* Doughty, B.M. 8-82836
- Cernusko, V.** *see* Jergel, M. 8-60257
- Cerny, J., Hardy, J.C.** Delayed proton radioactivities 8-82322
- Cerny, J., Poskanzer, A.M.** Exotic light nuclei 8-89831
- Cerny, J.** *see* Jahn, R. 8-74379, 8-82365
- Cerny, J.** *see* KeKelis, G.J. 8-78245
- Cerny, V., Lichard, P., Pisut, J.** Hadrons produced in association with Drell-Yan dimuons in $\pi^+\pi^-$ interactions and quantum numbers of quarks 8-74222
- Cerofolini, G.F.** Morphology and morphological changes in thin films 8-72043
- Cerofolini, G.F.** Adsorption on homogeneous surfaces. A statistico-mechanical way of accounting collisions which lower the rate of desorption 8-84072
- Cerofolini, G.F.** Heterogeneity effects in chemisorption kinetics 8-85202
- Cerofolini, G.F., Ferla, G., Rovere, C.** Thin films in restricted geometries 8-72044
- Cerofolini, G.F.** *see* Baldi, L. 8-83961
- Cerrada, M.** *see* Aguilar-Benitez, M. 8-82228
- Cerrada, M.** *see* Cooper, A.M. 8-62465
- Cerrada, M.** *see* Jongejans, B. 8-78177

- Cerrina, F.**, Margaritondo, G., Abbati, I., Braicovich, L., Levy, F. Valence band photoemission spectroscopy of a ternary layered semiconductor: ZnIn_2S_4 8-56569
- Cerruti, C.** see Billery, R. 8-58304
- Certain, P.R.** see Moiseyev, N. 8-62730
- Certier, M.** see Stebe, B. 8-76496
- Cerulli-Irelli, P.** see Bonifazi, C. 8-85805
- Cerutti, C.** see Sandroni, S. 8-88908
- Cerutti, G.** see Cannizzo, L. 8-85469
- Cerutti, S.** see Beduschi, A. 8-57035
- Cerutti, S.** see Boccatto, C. 8-57115
- Cervellati, R.** see Mirri, A.M. 8-82809
- Cervelle, B.** see Pinet, M. 8-95566
- Cervenak, M.R.** see Ng, A. 8-51345
- Cervero, J.** Yang-Mills self-dual solutions and a superposition principle 8-82096
- Cesana, A.**, Nava, A., Teatini, A., Tenconi, T., Terrani, M., Terrani, S. In vivo neutron activation analysis of rats 8-73115
- Cesare, L.** De see De Cesare, L.
- Cesareo, R.**, Gigante, G.E. Multielement X-ray fluorescence analysis of natural waters by using a preconcentration technique with ion exchange resins 8-61620
- Cesarsky, C.J.**, Cesarsky, D.A., Churchwell, E., Lequeux, J. A survey of H_2O masers in dense interstellar clouds 8-85988
- Cesarsky, D.A.** see Cesarsky, C.J. 8-85988
- Cesarsky, D.A.** see Falgarone, E. 8-57617
- Ceschia, M.**, Francescutto, A., Nabergo, R. Threshold energy for transient cavitation-free bubbles 8-75176
- Cesini, G.**, Guattari, G., Lucarini, G., Palma, C. An iterative method for restoring noisy images 8-63020
- Cesnak, L.** see Kokavec, J. 8-93693
- Cesnys, A.** see Prikhod'ko, A. 8-84288
- Cess, R.D.** see Harshvardhan 8-88886
- Cester, B.**, Fedel, B., Ciuricin, G., Mardirosian, F., Mezzetti, M. Revised photometric elements of 14 detached systems 8-69834
- Cester, B.**, Fedel, B., Giuricin, G., Mardirosian, F., Mezzetti, M. Revised photometric elements of ten detached systems 8-61886
- Cester, B.**, Gjuristic, G., Mardirosian, F., Mezzetti, M. Revised spectrographic and photometric elements of ZZ Boo 8-61885
- Cester, R.**, Fitch, V.L., Kadel, R.W., Webb, R.C., Whittaker, J.D., Witherell, M.S., May, M. Test of charge-conjugation invariance in pp interactions 8-66145
- Cester, R.** see Carroll, A.S. 8-89757
- Cetas, T.C.**, Connor, W.G. Thermometry considerations in localized hyperthermia 8-53561
- Cetronio, A.** see Cross, J.A. 8-80708
- Ceva, T.**, Marti, C. X-ray diffraction from a two-dimensional solid 8-75498
- Cevc, P.**, Srinivasan, R. Microwave cavity for EPR at high hydrostatic pressures 8-89518
- Cezairliyan, A.**, McClure, J.L., Taylor, R. Thermophysical measurements on 90Ti-6Al-4V alloy above 1450K using a transient (subsecond) technique 8-95161
- Cezairliyan, A.**, Müller, A.P. Melting point, normal spectral emittance (at the melting point), and electrical resistivity (above 1900K) of titanium by a pulse heating method 8-91423
- Cha, D.** see Ko, C.M. 8-78409
- Cha Jong Hee** see Jong Hee Cha
- Cha-Mei Tang, Orszag, S.A.** Two-dimensional turbulence on the surface of a sphere 8-73447
- Chab, V.**, Stourac, L., Velicky, B. The composition dependence of activation energy in the $\text{As}_2\text{-Te}_{100-x}$ and $\text{As}_2\text{Te}_3+\text{Ti}_x$ glassy systems 8-64052
- Chabal, Y.J.**, Sievers, A.J. IR study of molecules adsorbed on metal surfaces by surface electromagnetic wave spectroscopy 8-71967
- Chaban, I.A.** Vibrodynamical instability of liquid crystals 8-91249
- Chabaud, J.P.** see Albernhe, F. 8-93107
- Chabay, I.** Measurement of aerosol size distribution with a particle Doppler shift spectrometer 8-69515
- Chabay, I.**, Rosasco, G.J., Kashiwagi, T. Non-intrusive technique measures concentration fluctuations in turbulent gas flow 8-92564
- Chabin, M.**, Gilletta, F., Ridou, C. Thermal properties of TiCdF_3 and RbCaF_3 near their phase transitions 8-75850
- Chabot, B.** see Fornasini, M.L. 8-75625
- Chabot, G.E., Jr.**, Jimenez, M.A., Skrable, K.W. Personnel dosimetry in the U.S.A. 8-53500
- Chabrat, P.** see Graciaa, A. 8-80793
- Chabre, Y.** see Segransan, P.J. 8-76327
- Chachalak, M.** Substructural changes during annealing of the strained, zone refined iron 8-84845
- Chacharker, M.P.**, Lesny, J., Tolgyessy, J., Klas, J. The sub- and super-equivalence method of isotope dilution analysis. VII. Determination of iron in radioactive solution 8-95984
- Chacko, P.V.**, Shishir Srivastava, Srivastava, R.C. Network thermodynamics—a study of phenomenological relations in chemical reactions 8-95905
- Chacko, P.V.** see Srivastava, R.C. 8-68926
- Chacko, V.P.** 'Wonderstone' ENDOR cavity 8-70174
- Chadan, K.**, Sabatier, P.C. Inverse problems in quantum scattering theory 8-54587
- Chaddah, P.** Electron momentum density in a model substitutionally disordered alloy 8-56061
- Chaddah, P.** Effect of correlations on electron momentum density in liquid metals 8-60052
- Chaddah, P.**, Sahni, V.C. Charge-transfer study of FeAl and CoAl using Compton scattering 8-68578
- Chadi, D.J.** Surface structure and orbital symmetries of (110) surface states of GaAs 8-72229
- Chadi, D.J.** (110) surface states of GaAs and matrix element effects in angle-resolved photoemission 8-91741
- Chadi, D.J.** Energy-minimization approach to the atomic geometry of semiconductor surfaces 8-95213
- Chadi, D.J.** see Bachrach, R.Z. 8-72225
- Chadin, A.V.** see Skvorchevskii, A.K. 8-70115
- Chadras, B.** see Basina, Yu.V. 8-93063
- Chadwick, A.V.** see Carr, V.M. 8-79798
- Chadwick, B.M.**, Grzybowski, J.M., Long, D.A. In situ UV photolysis of disulphur dichloride in argon and nitrogen matrices: infrared spectroscopic evidence for thiothionyl chloride 8-61033
- Chadwick, G.A.** see Kirchner, H.O.K. 8-60668
- Chadwick, G.A.** see Roberts, G.D. 8-76633
- Chadwick, G.B.**, Carroll, J.T., Chaloupka, V., Ballam, J., Bouchez, J., Herquet, P., Linglin, D., Moffett, K.C., Stevens, R., Davidson, V., Firestone, A., Nagy, F., Peck, C., Rosenfeld, L., Ely, R., Grether, D., Oddone, P. Hybrid-bubble-chamber study of nucleon diffractive dissociation in 14-GeV/c π^+p collisions 8-66175
- Chadwick, G.B.** see Ballam, J. 8-82247
- Chadwick, K.H.**, Leenhouts, H.P. The rejoining of DNA double-strand breaks and a model for the formation of chromosomal rearrangements 8-85289
- Chadwick, K.H.** see Leenhouts, H.P. 8-69147
- Chadwick, P.** Restrictions on heat conduction in simple materials 8-63260
- Chadwick, R.B.** see Gossard, E.E. 8-57271
- Chafee, V.** see Bourland, J.D. 8-57055
- Chaff, J.A.** see Baland, J.F. 8-93911
- Chaffee, M.** see Biseria, J. 8-81054
- Chaffey, J.T.** see Dritschilo, A. 8-53476
- Chagas, H.C.** Study of the electrodeposition of nickel in a thiocyanate medium by the method of rotating disc electrodes 8-92486
- Chaghtai, M.S.Z.** see Rahimullah, K. 8-82669
- Chagnon, R.** see Booth, J.G. 8-64191
- Chahine, C.**, Tirapegui, E. Renormalization group in quantum electrodynamics 8-93830
- Chai, A.-T.** see Borkowski, J. 8-92882
- Chai, B.H.T.**, Mroczkowski, S. Synthesis of rare-earth carbonates under hydrothermal conditions 8-72714
- Chai Jung Hyun** see Hyun Chai Jung
- Chaichian, M.**, Kolmakov, Yu.N., Nelipa, N.F. Asymptotic freedom and the symplectic and G₂ groups 8-62305
- Chaika, G.E.** Use of pseudopotential method to calculate surface parameters of ionic crystals 8-76130
- Chaika, M.O.**, Kozlov, Yu.G. Method of increasing accuracy in determining position of interference fringes 8-58015
- Chaika, M.P.** see Kaliteevskii, N.I. 8-50763
- Chaika, M.P.** see Zhechev, D.Z. 8-70789
- Chaikin, P.M.** see Donovan-Vojtovic, B.F. 8-51875
- Chaikin, P.M.** see Jones, T.E. 8-88059
- Chaikina, E.I.** see Filipchenko, A.S. 8-84644
- Chaikovskii, A.P.** see Ivanov, A.P. 8-70181
- Chaikovskii, B.S.** see Matveev, V.V. 8-64803
- Chaikovskii, O.I.** see Bakhmutsii, V.F. 8-70158
- Chaikovskii, V.G.** see Vaigachev, A.A. 8-78574
- Chaillet, M.** see Pouchan, C. 8-90093
- Chaisson, E.J.** see Rodriguez, L.F. 8-77598
- Chait, R.** Microstructure and mechanical properties of the Ti-8Mo-8V-2Fe-3Al metastable beta alloy following direct ageing at various times and temperatures 8-64569
- Chajchuk, R.A.** see Egorov, V.V. 8-93117
- Chakhlov, V.L.** see Boiko, D.A. 8-53147
- Chaklader, A.C.D.** Reactive hot-pressing of aluminas 8-80499
- Chakrabarti, A.** Diffraction by a uni-directionally conducting strip 8-58883
- Chakrabarti, A.K.** An energy-balance approach to the problem of fatigue-crack growth 8-90773
- Chakrabarti, B.K.** Critical behaviour of a compressible random Ising model 8-80160
- Chakrabarti, K.M.** On the possibility of similarity solution in natural convection in the presence of a transverse magnetic field 8-67197
- Chakrabarti, P.K.** see Gopala Rao, R.V. 8-51716
- Chakrabarti, S.K.** see Datta, A.K. 8-65051
- Chakrabarty, B.** see Roy, C.L. 8-53770
- Chakrabarty, D.K.**, Chakrabarty, P., Witt, G. An attempt to identify the obscured paths of water cluster ions build-up in the D-region 8-61659
- Chakrabarty, D.K.**, Rane, K.S., Biswas, A.B. Electrical and catalytic properties of lithium doped molybdenum trioxide 8-60122
- Chakrabarty, P.** see Chakrabarty, D.K. 8-61659
- Chakraborty, S.B.**, Mukhopadhyay, T.K., Starke, E.A., Jr. The cyclic stress-strain response of titanium-vanadium alloys 8-60700
- Chakraborty, A.** Effects of X-rays on excised mature embryos of rice (*Oryza sativa* L.) 8-85347
- Chakraborty, A.K.** Pauli algebraic formalism in polarisation optical studies 8-87010
- Chakraborty, A.K.**, Adhikari, B.M., Choudhury, R.R. The optical transfer function of a perfect lens with polarisation masks 8-90380
- Chakraborty, A.K.**, Ghosh, D.K. Reexamination of the kaolinite-to-mullite reaction series 8-64535
- Chakraborty, B.P.** see Gallas, J.A.C. 8-78755
- Chakraborty, C.G.** see Dutta, M. 8-54328
- Chakraborty, L.K.** see Banerjee, E.D. 8-78282
- Chakraborty, R.L.M.** see Prabhu, B.T.S. 8-90599
- Chakraborty, S.** see Babocsay, L. 8-55048
- Chakraborty, T.** Model energy calculations of nuclear matter in the Jastrow variational approach 8-74322
- Chakraborty, T.K.** see Deb Ray, G. 8-75207
- Chakravathy, D.P.** see Jayakumar, R. 8-51353
- Chakravathy, R.**, Madhav Rao, L., Jirak, Z., Satya Murthy, N.S. Form factor and moment distribution in $\text{Ni}_{0.97}\text{Ru}_{0.03}$ alloy by polarised neutrons 8-68171
- Chakravathy, R.** see Rakhecha, V.C. 8-84391
- Chakravarti, S.**, Sarkar, A.K., Banerjee, S.B. Electronic spectrum of phenyl isocyanate 8-58715
- Chakravarty, B.** see Misra, R. 8-96332
- Chakravarty, B.C.** see Jain, G.C. 8-51574, 8-87691
- Chakravarty, N.**, Chatterjee, S. Nonstatic charged fluid spheres in general relativity 8-89370
- Chakravarty Sudip** see Sudip Chakravarty
- Chakraverty, B.K.**, Sienko, M.J., Bonnerot, J. Low-temperature specific heat and magnetic susceptibility of nonmetallic vanadium bronzes 8-72357
- Chakravorti, S.** see Sarkar, A.K. 8-58701
- Chakravorty, D.**, Vithlani, C.S., Mehta, G.K. Diffusion and electrical conductivity studies in some heterophase glasses containing bismuth 8-67858
- Chakravorty, D.** see Raman, T. 8-80260
- Chakravorty, J.N.** see Ghosh, K.P. 8-74982
- Chakravorty, J.N.** see Sengupta, P. 8-74981
- Chakravorty, S.** see Hsu, S.C. 8-83228
- Chak'rov, E.I.** see Peneva, I.Kh. 8-59624
- Chal'dyshev, V.A.** see Vyatkin, A.P. 8-84296
- Chalikov, D.V.** The numerical simulation of wind-wave interaction 8-92823
- Chalikov, D.V.** see Belevich, M.Yu. 8-63477
- Chalkin, S.F.** see Baranov, V.Yu. 8-90409
- Challeton, D.** see Ferrand, B. 8-91910
- Challifour, J.L.**, Weingarten, D. Cluster expansion for lattice gauge theories with fermions 8-58119
- Challis, L.J.**, Fletcher, J.R., Jefferies, D.J., Sheard, F.W., Toombs, G.A., de Goer, A.M., Escribe, C., Hutchings, M.T. The observation of a critically coupled spin-phonon mode in chromium doped MgO 8-67779
- Challis, L.J.**, Williams, D.L. An investigation using thermal phonons of the concentration dependence of V^{3+} frequency crossing signals in Al_2O_3 8-95115
- Chalmers, A.N.** Some experiments on colour reproduction in Polaroid photography 8-54490
- Chalmers, A.N.**, Kok, C.J. The calibration of a set of surface colour standards for an educational colorimetric laboratory 8-49625
- Chalmers, R.A.** Problems in the teaching of analytical chemistry 8-81736
- Chalmers, R.A.** see Becker, J.A. 8-90043
- Chalmeton, V.** A channel-plate image intensifier for hard X-rays 8-54517
- Chaloupka, V.** see Ballam, J. 8-82247
- Chaloupka, V.** see Chadwick, G.B. 8-66175
- Chaloupka, V.** see Ferrando, A. 8-54650
- Chaloupka, V.** see Perneg, J. 8-50047
- Chalov, A.V.** see Barabanova, G.Ya. 8-83440
- Chalov, A.V.** see Levkovskii, Yu.L. 8-90948
- Chaltikyan, V.O.**, Glushko, B.A. Paramagnetism of gases in the radiation field 8-78667
- Chaltikyan, V.O.** see Movsesyan, M.E. 8-82705

- Chalupa, J.** Random molecular fields in spin-glasses 8-80164
- Chalupa, L.M., Rhoades, R.W.** Directional selectivity in hamster superior colliculus is modified by strobe-rearing but not by dark-rearing 8-69052
- Chalyi, A.V.** *see* Fakhretdinov, I.A. 8-84595
- Chalykh, A.F.** *see* Ryabov, A.N. 8-55638
- Cham, K.M.** *see* Hu, C.C. 8-64127
- Chamaraux, P.** *see* Balkowski, C. 8-96531
- Chambaere, D., Govaert, A., de Sitter, J., de Grave, E.** A Mossbauer investigation of the quadrupole splitting in β -FeOOH 8-76370
- Chambaud, G., Levy, B., Millie, P.** Ab initio Hartree-Fock instabilities in closed-shell molecular systems 8-78628
- Chamberlain, G.E., Simpson, P.A., Smith, R.L.** Improvements in a calorimeter for high-power CW lasers 8-54372
- Chamberlain, J.M.** *see* Ball, G.J. 8-79537, 8-84648
- Chamberlain, J.R., Post, E.J.** Flux quantization in ordered ferromagnetic substances? 8-80136
- Chamberlain, J.W.** *see* Lestrade, J.P. 8-53852
- Chamberlain, J.W.** *see* Prisco, R.A. 8-77508
- Chamberlain, M.B.** Solid-state reaction of Ti and sapphire 8-72008
- Chamberlain, O.** *see* Nagamiya, S. 8-54790
- Chamberlain, O.** *see* Snyder, J.H. 8-89738
- Chamberlain, V.E.** *see* St. J. Lambert, R. 8-65535
- Chamberlin, E.P.** *see* Bevington, P.R. 8-78207
- Chamberod, A., Roth, M., Billard, L.** Small angle neutron scattering in Invar alloys 8-52218
- Chamberod, A.** *see* Billard, L. 8-76206
- Chamberod, A.** *see* Roth, M. 8-52219
- Chambers, A.A.** *see* Thomas, S.R. 8-53484
- Chambers, A.J.** *see* Antonia, R.A. 8-69357
- Chambers, A.J.** *see* Sreenivasan, K.R. 8-92891
- Chambers, W.G.** *see* Angress, J.F. 8-76474
- Chambers, W.G.** *see* Pai, K.F. 8-80322, 8-92042
- Chambers, W.G.** *see* Parker, T.J. 8-78003, 8-79080
- Chambon, B.** *see* Tsan Ung Chan 8-74313
- Chambre, P.L., Schrock, V.E., Gopalakrishnan, A.** Reversal of laminar flow in a circular pipe 8-50271
- Chambron, J.** *see* Constantinesco, A. 8-80943
- Chami, A.C., Bugeat, J.P., Ligeon, E.** Solid solutions of the hydrogen-magnesium system produced by implantation 8-67733
- Chaminade, J.-P.** *see* Vlasie, M. 8-95030
- Chaminant, G.** *see* Bouley, J.C. 8-87059
- Chamley, H.** *see* Cita, M.B. 8-57294
- Chamley, H.** *see* de V. Klein, G. 8-65256
- Chamley, H.** *see* Pastouret, L. 8-73355
- Chamorro, A., Hernandez, A.** On the transverse momentum in relativistic statics 8-81833
- Chamoun, E., Abou-Chacra, R.** Numerical study of localization in binary alloys 8-64009
- Chamoun, E.** *see* Abou-Chacra, R. 8-60088
- Chamoun, E.** *see* Homaiddin, N. 8-58771
- Champagne, F.H.** The fine-scale structure of the turbulent velocity field 8-51151
- Champagne, L.F., Eden, J.G., Harris, N.W., Searles, S.K.** One microsecond pulses from a xenon fluoride laser 8-63079
- Champagne, L.F., Harris, N.W.** Characteristics of the electron-beam-controlled XeF laser 8-82951
- Champagne, L.F.** *see* Finn, T.G. 8-78999
- Champion, J.A.** Potential of Spacelab for metallurgical experiments 8-88619
- Champion, J.V., Dandridge, A.** Conformation of liquid short chain polyethers from flow birefringence 8-76423
- Champion, J.V., Downer, D., Meeten, G.H., Vaudrey, S.A.** Magnetic and optical properties of kaolinite particles in aqueous dispersion 8-76933
- Champion, J.V., Meeten, G.H., Senior, M.** Refractive index of particles in the colloidal state 8-95567
- Champion, R.L.** Differential scattering measurements on alkali ion-alkali atom systems 8-62903
- Champhess, C.H.** *see* Ades, S. 8-84562
- Champhess, C.H.** *see* Altmeld, M. 8-76106
- Chamseddine, A.H.** Massive supergravity from spontaneously breaking orthosymplectic gauge symmetry 8-77787
- Chamseddine, A.H., Salam, A., Strathdee, J.** Strong gravity and supersymmetry 8-62141
- Chan, A.** *see* McFarlane, R. 8-71136
- Chan, A.** *see* Wall, F.T. 8-57849
- Chan, A.H., Koros, W.J., Paul, D.R.** Analysis of hydrocarbon gas sorption and transport in ethyl cellulose using the dual sorption/partial immobilization models 8-76913
- Chan, A.M.C.** *see* Banerjee, S. 8-94870
- Chan, C.** Electric Power Research Institute research in structural design and analysis 8-94047
- Chan, C.H.** *see* Chin, K.K. 8-85614
- Chan, C.H.** *see* Gay, R.K.L. 8-85613
- Chan, C.K.** Dynamical pressure pulse in steam jet condensation 8-94549
- Chan, C.K., Dhir, V.K., Catton, I.** Phenomenological study of vent clearing in pressure suppression pools 8-94098
- Chan, C.K.** *see* Lu, P. 8-72279
- Chan, C.K.** *see* Reilly, J.T. 8-78447
- Chan, C.-M., Aris, R., Weinberg, W.H.** An analysis of thermal desorption mass spectra. I 8-60022
- Chan, C.-M., Weinberg, W.H.** An analysis of thermal desorption mass spectra. II 8-60023
- Chan, D.Y.C., Mitchell, D.J., Ninham, B.W., Pailthorpe, A.** On the theory of dipolar fluids and ion-dipole mixtures 8-83704
- Chan, D.Y.C., Mitchell, D.J., Ninham, B.W., Pailthorpe, B.A.** Short-range interactions mediated by a solvent with surface adhesion 8-71973
- Chan, D.Y.C., Mitchell, D.J., Ninham, B.W., Pailthorpe, B.A.** Solvent mediated interactions—solute size effects and predictions of mean field theory 8-75513
- Chan, F.T., Chang, C.H., Lieber, M.** Comparison of the Born and Glauber generalised oscillator strengths for the $2s \rightarrow 3p$ transition of atomic hydrogen 8-74613
- Chan, F.T.** *see* Ho, T.S. 8-55238
- Chan, H.C.** *see* Carter, C.R. 8-66976
- Chan, H.C.** *see* Monster, A.W. 8-80869
- Chan, H.C.** *see* Sigmar, D.J. 8-94895
- Chan, J.S.-K., Adamson, T.C., Jr.** Unsteady transonic flows with shock waves in an asymmetric channel 8-71366
- Chan, K.C.** *see* Bhattacharyya, B.K. 8-61298
- Chan, K.S., Lee, J.K., Shiflet, G.J., Aaronson, H.I., Russell, K.C.** Generalization of the nucleus shape-dependent parameters in the nucleation rate equation 8-84765
- Chan, L.Y.Y., Geller, S., Skarstad, P.M.** The crystal structure of the Cu^+ ion conductor, $(C_2H_5NH)_2Cu_2Br_8$ 8-51527
- Chan, L.Y.Y.** *see* Geller, S. 8-75871
- Chan, M.Y.T., Ng, S.F.** Solution of some structural analysis problems by orthogonal collocation 8-51063
- Chan, P.W., Chan, Y.W., Hui, F.K., Ng, H.S.** Determination of the hardening temperature using a pulsed laser 8-72942
- Chan, P.W.** *see* Kimberlin, S.R. 8-67408
- Chan, R.K.-C.** A balanced expansion technique for constructing accurate finite difference advection schemes 8-77719
- Chan, S.H., Cho, D.H.** Transient radiative heat transfer between two emitting-absorbing media 8-94573
- Chan, S.I., Hu, V.W., Gamble, R.C.** Application of synchrotron radiation to the structural studies of metalloproteins 8-64938
- Chan, S.-K., Herrmann, U., Ostner, W., Kahlweit, M.** On the kinetics of the formation of micelles in aqueous solutions. III 8-76928
- Chan, W.C.** Temperature-dependent anisotropy of resistivity of normal hexagonal metals 8-51967
- Chan, W.K., Pershan, P.S.** Water and thermal diffusivity in a lipid-water smectic phase 8-96031
- Chan, W.S., Khan, S.U.** In situ laser reflectance measurement of diffuse surfaces 8-82022
- Chan, Y.-D., Bohn, H., Vandenbosch, R., Bernhardt, K.G., Cramer, J.G., Sielemann, R., Green, L.** Gross structure in γ -ray yields following the $^{16}O + ^{12}C$ reaction 8-78405
- Chan, Y.W.** *see* Chan, P.W. 8-72942
- Chan, Y.W.** *see* Fung, Y.T. 8-49698
- Chan Chi-Ming** *see* Chi-Ming Chan
- Chan Eu Byung** *see* Byung Chan Eu
- Chan Hong-Mo, Fukugita, M., Hansson, T.H., Hoffman, H.J., Konishi, K., Hogaasen, H., Tsou Sheung Tsun** Colour chemistry—a study of metastable multi-quark molecules 8-74212
- Chan Hong-Mo, Hogaasen, H.** A model for baryonium 8-62363
- Chan Kuang** *see* Pazderskii, V.A. 8-49696
- Chan Lai-Him** *see* Lai-Him Chan
- Chan Mill Yung** *see* Mill Yung Chan
- Chan Tsan Ung** *see* Tsan Ung Chan
- Chan Van Ni, Nikandrov, V.V., Krasnovskii, A.A.** Millisecond afterglow of the chloroplasts. Activation and suppression 8-96025
- Chan Wai Yan** *see* Wai Yan Chan
- Chance, J.E., LeMaster, E.W.** Plant canopy light absorption model with application to wheat 8-88913
- Chance, M.S., Greene, J.M., Grimm, R.C., Johnson, J.L., Manickam, J., Kerner, W., Berger, D., Bernard, L.C., Gruber, R., Troyon, F.** Comparative numerical studies of ideal magnetohydrodynamic instabilities 8-79425
- Chance, R.R.** *see* Yee, K.C. 8-76858
- Chand, A.** *see* Fenby, D.V. 8-94328
- Chand, F.** *see* Gopala Rao, U.V. 8-81434
- Chand, P.** Necessary condition for a coherent state to remain coherent 8-73879
- Chand, P.** *see* Mohan, M. 8-94304
- Chand, R., Green, D.J., Szamosi, G.** Hagedorn's equation of state for dense matter in an external magnetic field 8-86044
- Chand, R., Szamosi, G.** Solution of the Dirac equation with anomalous magnetic moment 8-82133
- Chanda, R.** *see* Freitas de Carvalho, H. 8-82182
- Chandan, H.C., Bradt, R.C., Rindone, G.E.** Dynamic fatigue of float glass 8-80631
- Chandeharian, H.** Degradation of holographic images due to depolarization of reflected light 8-90398
- Chandel, S.S.** *see* Mukherjee, S. 8-66058
- Chandiramani, K.L.** Effect of line-discontinuity admittance on sound scattered by plate vibration 8-55494
- Chandiramani, K.L.** Some simple models describing the transition from weak to strong coupling in statistical energy analysis 8-59191
- Chandler, C.** Nonrelativistic multichannel quantum scattering theory in a two Hilbert space formulation 8-57822
- Chandler, C.** On a recent paper of Benzec and Tandy 8-57857
- Chandler, C.** Spurious solutions to N-particle scattering equations 8-65812
- Chandler, C., Gibson, A.G.** N-body quantum scattering theory in two Hilbert spaces. II. Some asymptotic limits 8-65808
- Chandler, D.** Statistical mechanics of isomerization dynamics in liquids and the transition state approximation 8-60999
- Chandler, D.** *see* Hsu, C.S. 8-63656, 8-71665
- Chandler, D.** *see* Pratt, L.R. 8-71656
- Chandler, D.W.** *see* Smalley, R.E. 8-55194
- Chandler, J.F.** *see* Campbell, D.B. 8-61788
- Chandler, S.H.** *see* Nakamura, Y. 8-53389
- Chandorkar, K.R., Szachrajuk, R.B., Clark, G.M.** Effect of extremely low radiation dosages on synchronised cultures of *Chlorella pyrenoidosa* 8-73176
- Chandra, B.** *see* Bhatt, R.C. 8-70648
- Chandra, B.P., Shrivastava, K.K.** Dependence of mechanoluminescence in Rochelle salt crystals on the charge-produced during their fracture 8-88370
- Chandra, B.P., Tutakne, P.R., Verma, R.D., Elyas, M.** Strength of crystals of small dimensions and their triboluminescence 8-64420
- Chandra, D.** *see* Koithara, J. 8-61574
- Chandra, H., Briggs, B.H.** The effect of filtering on ionospheric drift parameters determined by full correlation analysis 8-65450
- Chandra, H., Mosel, U.** Molecular configurations in heavy-ion collisions 8-50201
- Chandra, K.** *see* Yu, C.P. 8-83491
- Chandra, P.** New criteria for the absolute Riesz summability of a Fourier series and its conjugate series 8-54155
- Chandra, R.** A plan to study the 'standard hot big-bang model' of the Universe 8-69922
- Chandra, R.** Modification in ECIL pre-amplifier to handle high counting rate in Mossbauer studies 8-74546
- Chandra, R., Thyagarajan, K., Ghatak, A.K.** Mode excitation by tilted and offset Gaussian beams in W-type fibers 8-90498
- Chandra, R., Tripathi, R.P., Lokanathan, S.** Search for anisotropy of Mossbauer absorption in biotite 8-80263
- Chandra, R.** *see* Kumar, A. 8-94436
- Chandra, S., Butler, D.M., Stolarski, R.S.** Effect of temperature coupling on ozone depletion prediction 8-57246
- Chandra, S.** *see* Compaan, A. 8-58707
- Chandra Bhuwan** *see* Bhuwan Chandra
- Chandra Mouli, V., Sivarama Sastry, G.** ESR studies of Cu^{2+} doped $Na_2HAsO_4 \cdot 7H_2O$ single crystals 8-52342
- Chandra Suresh** *see* Suresh Chandra
- Chandrakar, K.** The transition from the first to the second stage of the ring discharge 8-83635
- Chandraker, A.L., Munjal, M.L.** Acoustic power distribution in a turbulent jet 8-67238
- Chandramani, R., Basavaraju, S.P., Devaraj, N.** Torsional-vibration frequency in 3,5-dichlorophenol and its temperature dependence from ^{35}Cl NQR measurements 8-70851
- Chandramani, R., Devaraj, N., Ramakrishna, J., Sastry, V.S.S.** Temperature dependence of chlorine NQR in 2,4-dichlorophenoxyacetic acid 8-50560
- Chandramoreshwar, K.** *see* Nargundkar, V.R. 8-86575
- Chandrasekaran, H., Nagarajan, R., Padmanabha, K.N.** Application of Moire technique in the stress analysis of cutting tools 8-64799
- Chandrasekaran, V., Taggart, R., Polonis, D.H.** An electron microscopy study of the aged omega phase in Ti-Cr alloys 8-72783
- Chandrasekhar, B.S.** *see* Farrell, D.E. 8-52125

- Chandrasekhar, H.R.** *see* Bhattacharya, G. 8-60465
- Chandrasekhar, M.**, Cardona, M. Self energy of phonons interacting with free electrons in silicon 8-64366
- Chandrasekhar, M.**, Grimditch, M.H., Cardona, M. A new method to measure stress-induced birefringence in an opaque material: stress-induced Raman scattering 8-65951
- Chandrasekhar, M.**, Renucci, J.B., Cardona, M. Effects of interband excitations on Raman phonons in heavily doped n-Si 8-52501
- Chandrasekhar, P.** *see* Ramakrishnan, J. 8-71874
- Chandrasekhara Swamy, N.V.**, Lakshmana, B.H., Lakshminath, V.R. Measurements in three-dimensional turbulent boundary layer on a yawed flat plate induced by leading edge vortex 8-90856
- Chandrasekharan, V.**, Eters, R.D. On the contribution of intramolecular zero point energy to the equation of state of solid H₂ 8-71829
- Chandrasekhar, G.V.**, Foster, L.M. Anomalous conductivity effects in (Na,K) mixed crystals of the β -Al₂O₃ type 8-87818
- Chandrasekhara, K.** Stress analysis of a thick plate having a circular hole under axisymmetric radial load 8-79201
- Chandrasekhara, K.**, Jacob, K. A numerical method for separation of stresses in photo-orthotropic elasticity 8-59296
- Chandrasekhara, K.**, Muthanna, S.K. Axisymmetric stress distribution in a transversely isotropic thick plate with a circular hole 8-51066
- Chandratillake, M.R.**, Hamblett, I., Newton, G.W.A., Patil, S.F., Robinson, V.J., Rodgers, M.A.J. Decay of the F⁻ centre in some alkali halides 8-95053
- Chandrika Singh** *see* Singh, C.P. 8-93903
- Chandross, E.A.** *see* Pfeiffer, L. 8-73639
- Chandross, R.J.**, Bordner, J. Cholesteryl chloroformate 8-91331
- Chaney, E.L.**, Hendee, W.R. An instrument with digital readout for indirect determination of kVp 8-53486
- Chang, A.B.** *see* Singh, J. 8-93910
- Chang, A.T.** *see* Levy-Clement, C. 8-79991
- Chang, A.T.C.** *see* Gloersen, P. 8-81174
- Chang, B.** *see* Yamamoto, S. 8-52867
- Chang, B.D.** Spectral distribution methods in effective interaction theory 8-86489
- Chang, B.J.** *see* Colburn, W.S. 8-83098
- Chang, B.J.** *see* Fienup, J.R. 8-74869
- Chang, C.A.** *see* Sakaki, H. 8-75995
- Chang, C.C.** Interatomic internal photoemission peaks in (Auger) electron spectra 8-52621
- Chang, C.C.**, Chang, R.P.H., Murarka, S.P. Plasma-grown oxide on GaAs. Semiquantitative chemical depth profiles obtained using Auger spectroscopy and neutron activation analysis 8-53284
- Chang, C.C.**, Fraser, D.B., Grieco, M.J., Sheng, T.T., Haszko, S.E., Kerwin, R.E., Marcus, R.B., Sinha, A.K. Aluminium oxidation in water 8-76783
- Chang, C.C.** *see* Chang, R.P.H. 8-88032
- Chang, C.C.** *see* Holdeman, L.B. 8-93729
- Chang, C.C.** *see* Polak, A.J. 8-95825
- Chang, C.C.** *see* Wu, J.R. 8-66280
- Chang, C.E.** Computer simulation of convection in floating zone melting I. Pure rotation driven flows 8-88422
- Chang, C.E.** Computer simulation of convection in floating zone melting II. Combined free and rotation driven flows 8-88423
- Chang, C.H.** Vibrations of frames with inclined members 8-59328
- Chang, C.H.** *see* Chan, F.T. 8-74613
- Chang, C.M.** *see* Reed, I.S. 8-58099
- Chang, C.S.**, Mohapatra, S.C., Johnson, W.H. Control circuit for 35 mm time-lapse photography 8-58076
- Chang, C.T.** On the use of Langmuir probes in a laser produced plasma 8-75427
- Chang, C.W.** *see* Irons, G.A. 8-51659
- Chang, C.Y.**, Kao, C.W., Lei, T.F. Ti-TiO₂ gated MOS diode light sensor 8-58037
- Chang, C.Y.** *see* Lo, S.Y. 8-82138
- Chang, D.C.**, Wait, J.R. An analysis of a resonant loop as an electromagnetic sensor of coal seam thickness 8-57366
- Chang, D.C.**, Woessner, D.E. Spin-echo study of ²³Na relaxation in skeletal muscle. Evidence of sodium ion binding inside a biological cell 8-88698
- Chang, E.S.** Influence of parity favouredness on the asymmetry of the angular distribution in molecular photoionisation 8-50600
- Chang, E.S.**, Taylor, K.T. Angular distribution of photoelectrons ejected from the 2s shell of carbon 8-86833
- Chang, F.** *see* Crane, R.L. 8-95880
- Chang, F.C.** *see* Varma, S.K. 8-92245
- Chang, F.H.** *see* Couchman, J.C. 8-87214
- Chang, H.**, Huang, N.S., Chiou, C.Y. A 3-D solid finite element for heterogeneous materials 8-55003
- Chang, H.-C.**, Weinberg, W.H. An analysis of modulated molecular beam mass spectrometry applied to nonlinear systems 8-56944
- Chang, H.W.**, Rhee, S.K. Oxidation of carbon derived from phenolic resin 8-56790
- Chang, I.F.**, Yu, P.Y. Laser modulation of electroluminescence in thin-film ZnS:Mn devices 8-52576
- Chang, J.**, Kuswa, G.W., Mendel, C.W. A high resolution time resolvable flash X-radiography system 8-51358
- Chang, J.** *see* Farnsworth, A.V., Jr. 8-58480
- Chang, J.** *see* Leeper, R.J. 8-51357
- Chang, J.C.** *see* Mallick, M.K. 8-50475
- Chang, J.H.**, Wagner, R.N., Yuen, H.C. Measurement of high frequency capillary waves on steep gravity waves 8-59409
- Chang, J.H.** *see* McGruer, J.N. 8-71719
- Chang, J.J.** *see* Atal, B.S. 8-69110
- Chang, J.-J.**, Scalapino, D.J. Nonequilibrium superconductivity 8-52146
- Chang, J.S.** *see* Luther, F.M. 8-85692
- Chang, J.-S.** The electron temperature in a medium-pressure radio-frequency flowing positive column plasma 8-59549
- Chang, K.-C.** *see* Heller, A. 8-76142
- Chang, K.J.** *see* Mukherjee, S. 8-83264
- Chang, K.L.** Chirality and homogeneous Lorentz group 8-93810
- Chang, L.** *see* Wan, C.M. 8-84856
- Chang, L.K.** *see* Koenig, J.F. 8-86595
- Chang, L.L.** Sub-band dimensionality in semiconductor superlattices 8-63981
- Chang, L.L.** Superfine heterostructures of In_{1-x}Ga_xAs and GaSb_{1-x}As_x 8-95348
- Chang, L.L.** *see* Esaki, L. 8-72247
- Chang, L.L.** *see* Sakaki, H. 8-75995
- Chang, L.L.Y.** *see* Gardiner, C.F. 8-92249
- Chang, M.**, Boyer, D.G. Estimates of low flows using watershed and climatic parameters 8-61471
- Chang, M.C.** *see* Theofanis, T.G. 8-71266
- Chang, P.H.**, Malozemoff, A.P., Grimditch, M., Senn, W., Winterling, G. Brillouin scattering from ferromagnetic metallic glasses 8-92085
- Chang, R.**, Hall, W.F. On the correlation between optical properties and chemical/metallurgical constitution of Cr₂O₃/Cr thin films 8-56531
- Chang, R.K.** *see* Black, P.C. 8-73098
- Chang, R.K.** *see* El-Hang Lee 8-76927
- Chang, R.K.** *see* Farrow, R.G. 8-60470
- Chang, R.K.** *see* Stafford, R.L. 8-69532
- Chang, R.P.H.**, Sheng, T.T., Chang, C.C., Coleman, J.J. The effect of interface arsenic domains on the electrical properties of GaAs MOS structures 8-88032
- Chang, R.P.H.** *see* Chang, C.C. 8-53284
- Chang, R.P.H.** *see* Ono, M. 8-91093
- Chang, R.P.H.** *see* Polak, A.J. 8-95825
- Chang, S.-L.** On the 'solution' dispersion surfaces of two-beam X-ray dynamical Bragg reflection for infinitely thick crystals 8-75488
- Chang, S.S.** Path-integral quantization of solitons using the zero-mode Feynman rule 8-70276
- Chang, S.S.** Canonical and path-integral quantizations in the A₀=0 gauge: Abelian case 8-70277
- Chang, S.S.** *see* Balachandran, A.P. 8-54225, 8-54226
- Chang, T.C.** *see* Campbell, W.J. 8-81173
- Chang, T.H.P.**, Viswanathan, R. Deflection distortion in scanning electron-beam systems 8-74835
- Chang, T.N.** Study of the highly excited Rydberg states of quasi-hydrogenic atoms 8-90098
- Chang, T.S.**, Nicoll, J.F., Young, J.E. A closed-form differential renormalization-group generator for critical dynamics 8-86413
- Chang, T.S.** *see* Nicoll, J.F. 8-77825
- Chang, T.S.** *see* Waldman, J. 8-52481
- Chang, T.Y.**, Damen, T.C., Nguyen, V.T., McGee, J.D., Bridges, T.J. Dynamic Stark-tuned FIR lasers in Rb 8-63126
- Chang, T.Y.** *see* Kang, M.H. 8-87094
- Chang, W.S.C.** *see* Ashley, P.R. 8-94452
- Chang, W.S.C.** *see* Becker, R.A. 8-55477
- Chang, W.S.C.** *see* Cox, H.L., Jr. 8-73298
- Chang, W.S.C.** *see* Sopori, B.L. 8-55481
- Chang, W.S.C.** *see* Sun, M.J. 8-65965
- Chang, W.V.** *see* Bloch, R. 8-59353, 8-60692
- Chang, Y.** *see* Maa, J.S. 8-92189
- Chang, Y.A.** *see* Chen, Y.O. 8-52785
- Chang, Y.A.** *see* Choudary, U.V. 8-80779
- Chang, Y.A.** *see* Mikula, A. 8-71870
- Chang, Y.** *see* Austin *see* Austin Chang, Y.
- Chang, Y.P.** *see* Poon, K.C. 8-87231
- Chang, Y.S.**, Shaw, J.H., Calvert, J.G., Uselman, W.M. Determination of abundances of gases from solar spectra 8-85643
- Chang, Y.W.**, Asaro, R.J. Bauschinger effects and work-hardening in spheroidized steels 8-64596
- Chang, Y.W.**, Gvildys, J. Comparison of REXCO code predictions with flexible vessel experiments 8-70618
- Chang, Y.W.** *see* Chu, H.Y. 8-70616
- Chang, Y.W.** *see* Moneim, M.T.A. 8-70620, 8-74449
- Chang, Y.W.** *see* Wang, C.Y. 8-70615
- Chang Chao-Shie**, Ho Tsu-Hsiu The perturbation expansion of the quantized composite field theory and gauge invariance 8-82156
- Chang Chao-Shie** *see* Ho Tsu-Hsiu 8-82113
- Chang Cheng-kang** *see* Wang Ming-chung 8-78097, 8-82167
- Chang Guk Yang** *see* Ik Hwan Lee 8-54832
- Chang Hsi-Chen** Level density just above yrast line 8-86485
- Chang Hsiu-lin** *see* Ho Hsin-lai 8-84811
- Chang Hyo Kim** *see* Chang Hyun Chung 8-54831
- Chang Hyun Chung**, Chang Hyo Kim Fuel cycle strategy of Go-ri nuclear power plant. A statistical analysis 8-54831
- Chang Jen-Shih** *see* Jen-Shih Chang
- Chang Jhy-Jiun** *see* Jhy-Jiun Chang
- Chang Jing-ye**, Li Juen-ching, Gao Yuan-yi On the mechanism of backbending phenomena of some even-even nuclei 8-78247
- Chang Joon-Sung** *see* Joon-Sung Chang
- Chang Kong-Liang** Dimensional method to solve the diffusion convection equation of solar cosmic rays 8-81511
- Chang Kun Lee** *see* Ik Hwan Lee 8-54832
- Chang Kuo-Yiu** *see* Wang Yun-Kong 8-86418
- Chang Lay Nam** *see* Lay Nam Chang
- Chang Mingteh** *see* Mingteh Chang
- Chang Ngyoung** *see* Ngyoung Chang
- Chang Ngee-Pong** *see* Ngee-Pong Chang
- Chang Nion sock** *see* Nion sock Chang
- Chang Peng-Hsiang**, Schroeder, G. Domain patterns and dislocations in cyclically deformed Ni single crystals and their behaviour during annealing 8-71740
- Chang Rong-Seng** *see* Rong-Seng Chang
- Chang Shih-chun** *see* Ho Yu-chuan 8-95580
- Chang Shou-kung** *see* Mao Ting-te 8-95703
- Chang Shu-Sing** *see* Shu-Sing Chang
- Chang Tzuen-Shi** *see* Tzuen-Shi Chang
- Chang Van** *see* Van Chang
- Chang Ying-Ping**, Tang Xiao-Wei Stop detector for low energy particles 8-86740
- Chang Yo Han** *see* Yo Han Chang
- Chang Zu-Wen** *see* Ding Yu-Ji 8-85925
- Chang-han Kan** *see* Kan Chang-han
- Chang-Liu Fang** *see* Fang Chang-Liu
- Chang-Qi Cao** *see* Cao Chang-Qi
- Chang-Shi Hwang**, Kiser, R.W. Computer acquisition and analysis of metastable transition data using electronic sector voltage variation 8-70102
- Chang-Teh Kung** *see* Kung Chang-Teh
- Chang-Yi Wang** Drag due to a striated boundary in slow Couette flow 8-59367
- Chang-Yi Wang** *see* Skalak, F.M. 8-94816
- Change-De Gong** *see* Gong Change-De
- Changkeun Jue**, Byung-Ha Cho Lee-like tachyon field model 8-50058
- Changkeun Jue**, Byung-Ha Cho A universal preon model 8-78124
- Changnon, S.A., Jr.**, Semonin, R.G. Chicago Area Program: A major new atmospheric effort 8-77294
- Chanb, N.B.**, Haget, Y., Meresse, A., Housty, J. A characteristics order-disorder molecular phase transition in 2-chloronaphthalene 8-75829
- Chanin, M.L.** *see* Megie, G. 8-61613
- Chankho Kan** *see* Cherkis, N.V. 8-63844
- Channugam, G.**, Wagner, R.L. The remarkable system AM Herculis/3U 1809+50. II. A single accretion column model 8-57578
- Channappa, K.H.** *see* Natarajan, G.N. 8-50081
- Channell, J.E.T.**, Lowrie, W., Medizza, F., Alvarez, W. Palaeomagnetism and tectonics in Umbria, Italy 8-96129
- Channell, P.J.** A illustrative example of the Chirikov criterion for stochastic instability 8-93607
- Channing, D.A.** *see* Graham, M.J. 8-72933
- Channing Nicholas, W.**, Hodgson, J.L., Kline, D.E., Griel, L.C., Jr., Rosenberger, J.L. Performance characteristics of three commercial defibrillators in transthoracic ventricular defibrillation of sheep, dogs, and calves 8-57048
- Chanowitz, M.S.**, Furman, M.A., Hinchliffe, I. Weak interactions of ultra heavy fermions 8-93838
- Chant, N.S.** *see* Roos, P.G. 8-62535
- Chanteur, G.**, Gendrin, R., Perraut, S. High-energy electron drift echoes at the geostationary orbit 8-61678
- Chantikul, P.** *see* Hanscomb, J.R. 8-76098
- Chantry, G.W.** Recent advances in instrumentation, measurement techniques and methods of data reduction for Fourier spectroscopy in the far infrared 8-62240
- Chantry, P.J.** Dissociative attachment—a review 8-58850
- Chanturidze, V.G.** *see* Iremashvili, D.V. 8-78874
- Chanussot, G.**, Fridkin, V.M. The dynamic light scattering in the region of the ferroelectric phase transition in BaTiO₃ 8-64371

- Chanussot, G. *see* Ouedraogo, A. 8-83950
 Chanussot, G. *see* Ouedraogo, A. 8-60400
 Chanussot, J. *see* Mathelin, J.P. 8-70815
 Chanussot, J. *see* Truchetet, F. 8-55163
 Chanzy, H. *see* Buleon, A. 8-91285
 Chao, B.T. *see* Lin, F.N. 8-71335
 Chao, E.Y., Morrey, B.F. Three-dimensional rotation of the elbow 8-69129
 Chao, F.C. *see* Bhattacharyya, M.H. 8-85390
 Chao, J., Zwolinski, B.J. Ideal gas thermodynamic properties of methanoic and ethanoic acids 8-51275
 Chao, J.T., Morris, D.R., Steward, F.R., Dugdale, P.J. Gas composition, temperature and pressure measurements in a lead blast furnace 8-85118
 Chao, K.A., Ferreira da Silva, A. The impurity conductivities of Si:P, Ge:Sb and CdS:Cl 8-91691
 Chao, K.A., Oles, A.M., Spalek, J. Variational method for magnetic impurities in metals 8-80110
 Chao, K.A., Oles, A.M., Spalek, J. The Curie-Weiss susceptibility of localised moments 8-80128
 Chao, K.A. *see* Ogawa, T. 8-72060
 Chao, K.A. *see* Osorio, R. 8-76018
 Chao, K.A. *see* Spalek, J. 8-68143, 8-76218
 Chao, K.L., Forsching, H. Prediction of the unsteady airloads on harmonically oscillating spheroids based on an analytical solution of the governing wave equation 8-51184
 Chao, S., Cook, R.L., Malloy, T.B., Jr. Microwave spectrum, dipole moment, and the conformation of 7-oxabicyclo (4.1.0) Hept-3-ene 8-66539
 Chao, T.H., Laane, J. Vibrational studies of cyclopentane. I. Effect of 10-fold barrier to pseudorotation 8-74792
 Chao Ao *see* Ao Chao
 Chao Chi *see* Luo Chi-hsun 8-84825
 Chao Hung-Chi *see* Hung-Chi Chao
 Chao Nan-wei Field-current relation and total width of the new P-state particle 8-82188
 Chao Wei-Chin *see* Bao Cheng-Guang 8-86427
 Chao-Han Liu, Kung Chie Yeh Pulse propagation in random media 8-66715
 Chao-Hao Gu *see* Gu Chao-Hao
 Chao-Jih-Ping *see* Shi Po-ming 8-86020
 Chao-Shie Chang *see* Chang Chao-Shie
 Chap, B.T. *see* Sha, W.T. 8-63483
 Chapados, C., Bose, T.K. The far infrared absorption spectrum of ethylene in the liquid phase 8-86857
 Chapelle, J. *see* Dubreuil, B. 8-58627
 Chapelle, J. *see* Fleurier, C. 8-67472, 8-94214
 Chapelle, J. *see* Glasser, J. 8-71604, 8-79465
 Chapelle, J.P. *see* Buisson, J.P. 8-64370
 Chapellier, M. *see* Benoit, A. 8-67999
 Chapin, D.L., Garber, H.J., Gibson, G., Iwinski, E.M., Sink, D.A. Reactor system size and cost trends for TNS Tokamaks 8-58416
 Chapin, D.L., Garber, H.J., Gibson, G., Sink, D.A. Trade study analysis for TNS Tokamaks 8-54992
 Chapkovskii, I.M. *see* Mushin, I.A. 8-53749
 Chaplik, A.V. *see* Magarill, L.I. 8-72129
 Chaplin, K.R. *see* Heighway, A.E. 8-58511
 Chaplin, R.L., Coulson, M.A., Simpson, R.R.S., Slater, R.D. Representation of magnetic characteristic, including hysteresis, using Preisach's theory 8-80179
 Chaplinskiy, S.I. *see* Rifert, V.G. 8-75039
 Chaplot, S.L. *see* Rao, K.R. 8-59897
 Chaplya, O.N. *see* Krutsan, A.M. 8-56801
 Chaplygin, V.I., Bezotosnyi, V.F. An electromagnetic transducer with a frequency output signal for the inspection of the electromagnetic properties of ferromagnetic materials 8-53131
 Chapman, A., Jones, G.R. The local electrical properties of gas blast arcs near current zero 8-87516
 Chapman, B.N., Minkiewicz, V.J. Flow rate effects in plasma etching 8-72906
 Chapman, C.H. A new method for computing synthetic seismograms 8-85711
 Chapman, C.R. *see* Dollfus, A. 8-53848
 Chapman, C.R. *see* Greenberg, R. 8-85861
 Chapman, D.M.F. Ideal vortex motion in two dimensions: symmetries and conservation laws 8-87349
 Chapman, D.S. *see* Furlong, K.P. 8-73345
 Chapman, D.S. *see* Gass, I.G. 8-65243
 Chapman, F.M., Jr. *see* Gray, J.C. 8-80733
 Chapman, G. *see* Tovey, S.N. 8-66147
 Chapman, J.M., Kevorkian, J. Propagation of a laser beam in a time-varying waveguide 8-94916
 Chapman, J.N., McKendrick, W.H., Ferrier, R.P., Hukin, D.A. Investigations in gadolinium and terbium by Lorentz microscopy 8-84448
 Chapman, J.N. *see* Clark, W.R.K. 8-87596
 Chapman, J.W. *see* Gidal, G. 8-70412
 Chapman, J.W. *see* Scharre, D.L. 8-74275
 Chapman, N. Anglia TV's new dubbing suite—a flexible and productive facility. [Comitor projector] 8-59104
 Chapman, P. *see* Bird, R.G. 8-53596
 Chapman, P.B., Mahony, J.J. Reflection of waves in a slowly varying medium 8-81856
 Chapman, S. *see* Green, S. 8-81664
 Chapman, S. *see* Schnabel, F. 8-80718
 Chapman, T.C., Anzelon, G.A., Spitale, G.C., Nethaway, D.R. Fission product yields from 6-9 MeV neutron-induced fission of ^{235}U and ^{238}U 8-66324
 Chapman, T.W., Collins, W.W., Troyer, S.D. Mass transfer in laminar flow with linear wall resistance-entrance region solutions 8-67168
 Chapman, W.A. *see* McGregor, J. 8-81315
 Chapnik, I.M. Atomic volume and semiconducting properties in pnictides on non-magnetic transition metals 8-59780
 Chapnik, I.M. Atomic volume and semiconducting properties in sulfides of non-magnetic transition metals 8-64037
 Chapovskii, P.L. *see* Kochubei, S.A. 8-50755
 Chapoy, L.L., Dupre, D.B. Polarized fluorescent emission in uniaxial liquid crystals. The effect of intramolecular energy transfer and rotational Brownian motion on measurements of the orientational distribution function 8-80390
 Chappell, D.A., Ward, P.G. Safe and sterile mixer for biological fluids 8-61291
 Chappell, J., Thom, B.G. Termination of last interglacial episode and the Wilson Antarctic surge hypothesis 8-53669
 Chappell, P.J. *see* Phillips, G.D.J. 8-68524
 Chappelle, J.P. *see* Benoit, J.P. 8-91411
 Chappert, J., Arrese-Boggiano, R., Coey, J.M.D. Appearance of magnetism in amorphous $\text{Y}_{1-x}\text{Fe}_x$ 8-52401
 Chappert, J. *see* Teillet, J. 8-89608
 Chapuis, G. Study of the first-order phase transition of $(\text{C}_2\text{H}_5\text{NH}_3)_2\text{CdCl}_4$ at 183K by X-ray diffraction of the two phases 8-55826
 Charac, C. *see* Carmeli, M. 8-74135
 Charache, P.A. *see* D'Antonio, N.L. 8-65117
 Charak, I. Temperature distributions in fusion reactor first-wall systems 8-58450
 Charak, I. *see* Smith, D.L. 8-62651
 Charalambous, S. *see* Papastefanou, C. 8-58562
 Charalip, J.M. The quantum mechanics of chiral theories 8-81880
 Charap, S.H., Artman, J.O. Magnetostatic modes of stripe domain structure 8-68333
 Charap, S.H. *see* Artman, J.O. 8-68386
 Charash, E. *see* Clark, G.H. 8-65416
 Charbeneau, R.J. Comparison of the two- and three-parameter log normal distributions used in streamflow synthesis 8-81255
 Charbit, P. *see* Engel, W. 8-91440
 Charbonneau, J.R. *see* Cossalter, J.G. 8-57126
 Charcosset, G. *see* Tixier, M. 8-65463
 Chardon, J.C., Guichon, D. Interference effects in RF spectroscopy of molecular beams 8-58669
 Charette, M.P. *see* Soderblom, L.A. 8-65527
 Charfi, F., Zouaghi, M., Linares, C., Balkanski, M., Hirilimann, C., Joulie, A. Small wave vector modes in $\text{Ga}_{1-x}\text{Al}_x\text{Sb}$ 8-75785
 Chargeishvili, M.S. *see* Abesalashvili, L.N. 8-82227
 Chargin, A.K., Calderon, M.O., Mooney, L.J., Vogtlin, G.E. System design for the new TMX machine 8-54987
 Chargin, A.K. *see* Chen, F.K. 8-54988
see Hinkle, R.E. 8-58494
 Charil, J. *see* Bouley, J.C. 8-87059
 Charkin, O.P. *see* Boldyrev, A.I. 8-86771
 Charkin, O.P. *see* Bozhenko, K.V. 8-86772
 Charkin, O.P. *see* Klimenko, N.M. 8-82622
 Charkin, O.P. *see* Zyubina, T.S. 8-86765
 Charle, K.-P., Willig, F. Generalized one-dimensional Onsager model for charge carrier injection into insulators 8-80001
 Charles, H.K., Jr. *see* Feldman, C. 8-72034
 Charles, J.A., Appl, F.J., Francis, J.E. Thermographic determination of fatigue damage 8-92356
 Charles, J.J., Mitasik, C.F. Computer simulation of photographic sound recording 8-78022
 Charles, M.W., Khan, Z.U. Implementation of the ICRP recommendation on skin dose measurement using thermoluminescent dosimeters 8-92709
 Charles, P., Thorstensen, J., Bowyer, S. An optical candidate for 2A 0042+323 (=3U 0042+32) 8-54088
 Charles, P. *see* Badawy, I. 8-66291
 Charles, P. *see* Schnopper, H.W. 8-65691
 Charles, P. *see* Walter, F. 8-81659
 Charles, P.A., Mason, K.O., White, N.E., Culhane, J.L., Sanford, P.W., Moffat, A.F.J. X-ray and optical observations of 3U 0900-40 (Vela X-1) 8-65722
 Charles, P.A. *see* Cash, W. 8-93228
 Charles, P.A. *see* Thorstensen, J.R. 8-93218
 Charles, S.W. *see* Popplewell, J. 8-52318, 8-84461
 Charlesby, A., Kafer, P., Folland, R. Study of very high molecular weight polyethylene using pulsed NMR techniques 8-66702
 Charlesworth, J.A. *see* Emms, M.J. 8-89734
 Charlier, A.A. *see* Bachy, J.-L. 8-81026
 Charlier, J. *see* Huvenne, J.-P. 8-88664
 Charlot, M.-F., Girerd, J.-J., Kahn, O. Molecular orbital approach of antiferromagnetic coupling in linear chains AMCl_3 with $\text{M}=\text{V}$, Mn , and Ni and $\text{A}=\text{Cs}$ or $\text{N}(\text{CH}_3)_4$ 8-52239
 Charlson, R.J., Waggoner, A.P., Covert, D.S., Larson, T.V. Chemical properties of tropospheric sulfur aerosols 8-96254
 Charlton, L.A., Delic, G., Glendenning, N.K., Pruess, K. Polarizability of nuclear wave functions in heavy ion reactions 8-54785
 Charman, W.N., Tucker, J. Accommodation and color 8-69042
 Charmet, J.C., Vareille, A. Formalism for the description of polarized light. Application to holography in polarized light 8-63045
 Charnay, G. *see* Bertoglio, J.-P. 8-63435
 Charnley, T., Perrin, R. Studies with an eccentric bell 8-90612
 Charnock, W., Marshall, P. An assessment of the performance of UK CFR candidate structural materials 8-86581
 Charnock, W., Taunt, R.J. Carburation of crevices in impure sodium 8-80680
 Charpak, G., Sauli, F., Kahn, R. On some factors controlling high-accuracy measurements of X-ray quanta positions with multiwire proportional chambers 8-62678
 Charpak, G. *see* Breskin, A. 8-58545
 Charpentier, J.-C. *see* Laurent, A. 8-81393
 Charpentier, P., Vanderhaghen, R. Optimization of conical adaptors for 2" photomultipliers 8-70690
 Charpentier, P., Vanderhaghen, R. Calibration of a modular electron calorimeter 8-78578
 Charra, J. *see* Lemaire, P. 8-93185
 Charrier, J., De Fouquet, J. Development of the internal strain in titanium α_c work-hardened in tension 8-76716
 Charriere, J. *see* Briguot, A. 8-72429
 Charteris, J. *see* Wall, J.C. 8-77128
 Chartier, D. *see* Datars, W.R. 8-55953
 Chartier, G.H., Jaussaud, P.C. A quick method for determining the characteristics of a step index optical waveguide 8-50916
 Chartier, J.M., Avrons, D. Technological principles of iodine stabilized He-Ne lasers 8-87075
 Chartier, J.M., Avrons, D. International comparisons of iodine stabilized He-Ne lasers 8-87090
 Chartier, J.-M. *see* Bayer-Helms, F. 8-87088
 Charvet, A. *see* Duffait, R. 8-78303
 Charvet, J. *see* Auzende, J.-M. 8-53632
 Charvet, J. *see* Bebieh, J. 8-77238
 Charvet, J.-L. *see* Sharman, P. 8-62330
 Charvolin, J., Mely, B. The heterogeneity of chain lengths, a factor in lyotropic polymorphism 8-59746
 Chary, C. Rama *see* Rama Chary, C.
 Chase, C.E. The rare gas halogen laser excimer 8-55342
 Chase, C.G. Plate kinematics: the Americas, East Africa, and the rest of the world 8-53637
 Chase, M.H. *see* Nakamura, Y. 8-53389
 Chase, M.W., Jr., Curnutt, J.L., McDonald, R.A., Syverud, A.N. JANAF thermochemical tables, 1978 supplement 8-93637
 Chase, R.L. *see* Quenzer, A. 8-70370
 Chase, S.C., Jr., Engel, J.L., Eyerly, H.W., Kieffer, H.H., Palluconi, F.D., Schofield, D. Viking infrared thermal mapper 8-57440
 Chashin, V.P. *see* Volodin, E.Ya. 8-53779
 Chashka, H.B. *see* Balla, D.D. 8-84338
 Chashnikov, I.G. *see* Kardo-Soyev, A.F. 8-72215
 Chasman, R.R., Ogle, W. Coherent residual interactions: pairing plus particle-hole 8-78272
 Chason, M.K. *see* Fluss, M.J. 8-67707
 Chassagne, G. *see* Treilleux, M. 8-83838
 Chasseau, D., Gaultier, J., Hauw, C., Fabre, J.M., Giral, L., Torrelles, E. Crystal and molecular structure of a new organic metal: 3,4-trimethylene-2,2',5,5'-tetrathiafulvalene-7,7,8,8-tetracyano-p-quinodimethane (TTTF-TCNQ, $\text{C}_{12}\text{H}_{12}\text{N}_8\text{S}_4$) 8-91329
 Chatagnat, M. *see* Terzan, A. 8-61742
 Chatani, Y. *see* Kusanagi, H. 8-67663
 Chatelain, A. *see* Weeks, R.A. 8-91477
 Chatelain, P., Onel, Y., Weber, J. Determination of resolution function for scintillator in (n,d) scattering experiment 8-58535
 Chatelain, P., Onel, Y., Weber, J. (n,d) elastic differential cross section at 2.48 and 3.28 MeV 8-89862
 Chatelain, P. *see* Bovet, D. 8-78358
 Chatelier, M. *see* Adam, J. 8-71473
 Chatfield, R. *see* Pierotti, D. 8-81318
 Chatfield, R.B. *see* Zimmerman, P.R. 8-88881
 Chatillon-Colinet, C. *see* Deneuville, J.-L. 8-57950
 Chatlinski, L. *see* Kaczanowski, R. 8-93652
 Chato, J.C., Abdulhadi, R.S. Flow and heat transfer in convectively cooled underground electric cable systems. I. Velocity distributions and pressure drop correlations 8-71330
 Chato, J.C. *see* Abdulhadi, R.S. 8-71262

- Chato, J.C.** *see* Gerdt, R.E. 8-87414
- Chattarji, P.P.**, Bhaduri, S. Elastic distortion of a non-homogeneous aeotropic thick-walled cylindrical shell by tangential traction on the outer boundary 8-75068
- Chatterjee, A.**, Nandi, R.N., Ghosh, D.K. Microwave spectrum of chlorobenzene- d_5 8-58667
- Chatterjee, A.**, Ray, S., Ghosh, S.K. A statistical model of hadrons 8-62353
- Chatterjee, A.K.**, Mal, A.K., Knopoff, L. Elastic moduli of two-component systems 8-59302
- Chatterjee, B.** A relation between cohesive energy and allotropic transformation temperature 8-52802
- Chatterjee, B.** Anisotropy of melting for cubic metals 8-91425
- Chatterjee, R.** *see* Kibler, M. 8-84374, 8-91924
- Chatterjee, R.N.** *see* Rajagopala Rao, P. 8-71183
- Chatterjee, S.** *see* Chakravarty, N. 8-89370
- Chatterjee, S.** *see* Debnath, N.C. 8-84124
- Chatterjee, S.** *see* Nandi, M. 8-75978
- Chatterjee, S.D.** *see* Ray Chaudhury, K.D. 8-76287
- Chatterjee, S.K.**, Rukmini, T.S. Simulation of co-sinusoidally modulated dielectric medium by artificial dielectric at microwave frequencies 8-78864
- Chatterjee, S.S.**, Ateya, B.G., Pickering, H.W. Effect of electrodeposited metals on the permeation of hydrogen through iron membranes 8-53252
- Chatterji, A.** *see* Neogy, D. 8-76037
- Chattopadhyay, A.** On the signal recorded at a large distance from explosions within the Earth 8-81110
- Chattopadhyay, A.**, Kar, B.K. On the dispersion curves of Love-type waves in an internal stratum of finite thickness under initial stress lying between two semi-infinite isotropic elastic media 8-57169
- Chattopadhyay, D.**, Nag, B.R. Effect of ionised impurity scattering on hot-electron diffusion in silicon 8-56151
- Chattopadhyay, D.** *see* Sarkar, C.K. 8-80011
- Chattopadhyay, S.**, Hofmann, I., Laslett, L.J., Smith, L. Stability of the K-V distribution in long periodic transport systems 8-50329
- Chattopadhyay, S.** *see* Das, R. 8-62810
- Chattopadhyay, S.** *see* McGlynn, S.P. 8-70738
- Chattopadhyay, T.** *see* Alasafi, K.M. 8-60654
- Chattopadhyaya, S.K.** *see* Sinha, A. 8-91762
- Chattot, J.J.** Unicity condition for irrotational stationary flows of perfect compressible fluid 8-87356
- Chattot, J.-J.** Symmetrical flow past a double wedge at high subsonic Mach numbers 8-51182
- Chaturvedi, P.K.** *see* Huba, J.D. 8-88973
- Chaturvedi, P.K.** *see* Ossakow, S.L. 8-77410, 8-88984
- Chaturvedi, S.** Perturbation expansion of the convolutionless master equation of Shibata et al 8-70047
- Chaturvedi, S.K.** *see* Porter, R.W. 8-94078
- Chaturvedi, S.N.**, Prabhakara, H.R., Mehta, G.K., Sen, S. Isobaric analogue resonances in ^{56}Fe corresponding to 335.5 and 340.9 keV states in ^{56}Mn 8-78342
- Chaturvedi, S.N.** *see* Prabhakara, H.R. 8-70503
- Chatnyan, R.M.**, Klypin, A.V. Machine for especially long fatigue tests under varying load conditions 8-60909
- Chau, E.K.L.**, Powers, D. Measurement of molecular stopping cross sections of aldehydes and ketones and calculation of the atomic stopping cross section of oxygen in double-bonded and three-membered ring-structure C-H-O compounds 8-67746
- Chau, E.K.L.**, Powers, D., Lodhi, A.S., Brown, R.B. Stopping cross sections of three-membered ring-structure molecules and their double-bonded isomers for 0.3-2.0-MeV He^+ ions 8-63537
- Chau, F.S.** Failure prediction of ceramic components under thermal loading 8-88534
- Chau, F.T.**, Karlsson, L. Vibronic interaction in molecules and ions. I. The first order Jahn-Teller interaction in doubly degenerate electronic states of C_{3v} type molecules 8-50536
- Chau, F.T.**, Karlsson, L. Vibronic interaction in molecules and ions. II. The first order Jahn-Teller interaction and spin-orbit coupling in doubly degenerate electronic states of C_{3v} type molecules 8-50537
- Chau Foo Tim** *see* Foo Tim Chau
- Chau-Chin Wei**, Chia-Yu Wang. Electron capture from silicon by protons 8-95623
- Chaube, D.R.** *see* Jain, P.C. 8-56625
- Chaube, N.** Q in cosmology in the time varying Newtonian gravity sense 8-77634
- Chaube, R.C.**, George, K.P., Sundaram, K. X-ray-induced micronuclei in the bone-marrow erythrocytes of mice 8-77088
- Chaube, U.S.** Spectrophotometry of Comet West (1975n) after the perihelion passage 8-57503
- Chaudhari, P.** *see* Graczyk, J.F. 8-55881, 8-63642
- Chaudhari, P.** *see* Johnson, W.L. 8-68113
- Chaudhari, R.M.**, Kulkarni, R.H. Rotation of vacuum thermal etch pits in KBr crystals 8-87674
- Chaudhary, K.L.** *see* Sethi, V.C. 8-63945
- Chaudhary, M.S.** *see* Bhonsle, B.R. 8-54156
- Chaudhary, M.A.** *see* Papper, C.S. 8-88775
- Chaudhri, M.M.**, Walley, S.M. Damage to glass surfaces by the impact of small glass and steel spheres 8-52994
- Chaudhuri, B.** *see* Som, S.C. 8-87015
- Chaudhuri, B.B.**, Paul, D.K. Wave propagation through a hollow rectangular anisotropic dielectric guide 8-83084
- Chaudhuri, B.K.**, Dutta, A.K. Kondo anomaly with rare-earth impurities in s-band materials 8-52208
- Chaudhuri, B.K.**, Saha, M. Static and dynamic properties of mixed KDP-DKDP type crystals 8-64328
- Chaudhuri, K.D.**, Verma, B.M. Damping of displacement and the ultrasonic attenuation in normal and superconducting tin 8-52155
- Chaudhuri, N.K.** *see* Mahajan, G.R. 8-73533
- Chaudhuri, P.**, Moitra, R.K. Electronic density of states of a binary alloy in a Bethe lattice using the Weaire-Thorpe Hamiltonian 8-51870
- Chaudhuri, R.N.** *see* Talukdar, B. 8-78104
- Chaudhuri, S.** Strontium isotopic composition of several oilfield brines from Kansas and Colorado 8-57225
- Chaudhury, K.D.** *see* Ray Chaudhury, K.D.
- Chaudhury, S.** *see* Krori, K.D. 8-57840
- Chaug Yi-Shung** *see* Yi-Shung Chaug
- Chaumeaux, A.** *see* Couvert, P. 8-78383
- Chaur-Sun Ling** *see* Huntzicker, J.J. 8-95974
- Chaurand, B.** *see* Corden, M.J. 8-62470
- Chaur, R.S.**, Jain, S.K., Shrivastava, R.N. Quench hardening behaviour of KCl and KI single crystals 8-64550
- Chaussee, D.S.**, Stahara, S.S., Spreiter, J.R. Axisymmetric implicit blunt-body computation of solar wind flows past planets 8-96370
- Chaussidon, J.** *see* Fournes, V. 8-66548
- Chaussey, J.** *see* Berton, A. 8-84388
- Chauvet, G.** *see* Lorenzelli, V. 8-62953
- Chauvet, P.** *see* Obregon, O. 8-93488
- Chauveteau, G.**, Ghoniem, S., Moan, M. Effect of the capillary entrance on the laminar flow of polymer solutions 8-87330
- Chauvin, J.**, Gignoux, C., Benayoun, J.J., Laverne, A. Trinucleon bound state with the velocity-dependent Paris potential 8-89803
- Chauvin, J.** *see* Buenerd, M. 8-62564
- Chauvin, J.** *see* Duhamel, G. 8-93928
- Chauvin, J.** *see* Durand, J.L. 8-93997
- Chavarie, C.** *see* Roche, G. 8-91004
- Chavchanidze, A.Sh.** *see* Zvonkov, S.D. 8-79968
- Chavda, L.K.** Matrix theory of small oscillations 8-61986
- Chavda, L.K.**, Jha, S.S. Self-similar solutions for implosion and reflection of coalesced shocks in a plasma: Spherical and cylindrical geometries 8-55735
- Chave, A.** *see* Berrue, J. 8-79406
- Chavel, P.**, Lowenthal, S. Noise and coherence in optical image processing. I. The Callier effect and its influence on image contrast 8-63017
- Chavel, P.**, Lowenthal, S. Noise and coherence in optical image processing. II. Noise fluctuations 8-66771
- Chavel, P.** *see* Legarcar, A. 8-55318
- Chavent, G.** About the identification and modelling of miscible or immiscible displacements in porous media 8-69392
- Chaves, A.S.** *see* Gonzaga, L.V. 8-91932
- Chaves, E.J.** *see* Bordoloi, K.C. 8-71193
- Chavet, I.**, Kanter, M., Menat, M. The divergence profile of a wedge-type ion beam 8-82555
- Chavez, A.L.** *see* Weston, W.F. 8-52675
- Chavez, J.** *see* Bame, S.J. 8-85788
- Chavka, N.G.** *see* Johnson, W.C. 8-71908
- Chavre, R.S.** *see* Jain, S.K. 8-52855
- Chavro, A.I.** *see* Georgievskii, Yu.S. 8-53702
- Chavro, A.I.** *see* Knyazev, N.A. 8-96293
- Chavushyan, H.S.** *see* Sanamian, V.A. 8-93245
- Chawla, K.K.**, Metzger, M. Effect of interface roughness on cracking of anodic oxide film on aluminum 8-76755
- Chawla, S.C.** *see* Sciammarella, C.A. 8-51140
- Chawla, T.C.**, Ishii, M. Equations of motion for two-phase flow in a pin bundle of a nuclear reactor 8-86570
- Chayes, L.** *see* Garrellick, J.M. 8-63234
- Chayun, A.G.** *see* Lozovskaya, A.V. 8-95789
- Chazalviel, J.N.** *see* Dietz, R.E. 8-72098
- Chazalviel, J.-N.**, Smith, N.V., Yafet, Y. Calculation of the spin polarisation of field-emitted electrons from monocrystalline iron 8-95685
- Che, M.**, Coluccia, S., Zecchina, A. Electron paramagnetic resonance study of electron transfer at the surface of alkaline earth oxides: reversible pyridine-induced formation of superoxide ions labelled with ^{17}O 8-76296
- Che Jen Chen**, Bhanji, A.M., Russell, G.R. Long-duration high-efficiency operation of a continuously pulsed copper laser utilizing copper bromide as a lasing 8-79029
- Che Yang In** *see* In Che Yang
- Che-Yu Li** *see* Kumar, V. 8-87280
- Chebavsky, V.F.** *see* Ivanov, L.I. 8-95085
- Chebanov, A.F.** *see* Novikov, I.I. 8-59213
- Chebotaev, N.M.** *see* Samokhvalov, A.A. 8-88109
- Chebotaev, V.P.** *see* Baklanov, E.V. 8-59077
- Chebotaev, V.P.** *see* Letokhov, V.S. 8-70974
- Chebotaev, A.I.**, Serpik, B.I. A procedure for calculation of maximum rain runoff in far eastern rivers 8-81238
- Chebotaev, G.A.**, Shor, V.A. The structure of the asteroid belt 8-69737
- Chebotaev, L.V.** Phonon spectrum and local vibrations in highly anisotropic crystals 8-59912
- Chebotaev, L.V.** Bound states in weak potential fields 8-62091
- Chebotaev, N.F.** *see* Petrov, N.Kh. 8-58753
- Chebotaevskii, Yu.V.** *see* Gurevich, E.B. 8-59061
- Cheburov, D.I.** Remote measurement of axial and radial components of 0.01-5 T magnetic fields in conducting coils 8-93659
- Ceccacci, P.F.**, Falciai, R., Scheggi, A.M. The effect of material dispersion in optical fibres with different distributions of refractive index 8-50902
- Ceccacci, P.F.**, Scheggi, A.M. Space-variant transfer functions for the characterization of inhomogeneous scattering media 8-71012
- Ceccacci, P.F.**, Spalla, P., Capannini, E. Use of SIRIO VHF emission for ionospheric measurement 8-69553
- Ceccacci, P.F.** *see* Brenci, M. 8-55475, 8-66892
- Chechernikov, V.I.** *see* Meskishvili, A.I. 8-68148
- Chechetkin, V.M.** *see* Ivanova, L.N. 8-65608
- Chechetkin, V.M.** *see* Vysotskii, M.I. 8-61835
- Chechetkin, V.R.** *see* Geilikman, B.T. 8-56006
- Chechik, R.**, Fraenkel, Z., Eyal, Y., Stocker, H. Transfer reactions induced by $^{17,18}\text{O}$ on $^{12,13}\text{C}$ at c.m. energies between 12.6 to 14.0 MeV 8-82371
- Chechin, A.I.** *see* Artemyev, A.N. 8-66447
- Chechin, V.A.** *see* Ermilov, V.K. 8-62681
- Chechulin, B.B.** *see* Bodunova, M.B. 8-56673
- Cecinski, K.** *see* Jaworski, M. 8-54419
- Checkelkin, Yu.F.**, Zelenova, V.D., Shermazan, I.V., Kirillova, M.P. Hardening of steel 12G2AF by nitride phase 8-95756
- Chedin, A.**, Husson, N., Scott, N.A., Gautier, D. ν_4 band of methane ($^{12}\text{CH}_4$ and $^{13}\text{CH}_4$). Line parameters and evaluation of Jovian atmospheric transmission at 7.7 μm 8-85894
- Chee, K.K.**, Rudin, A. Falling coaxial cylinder viscometer with wide shear rate range 8-79393
- Chee-Seng Lim** *see* Lim Chee-Seng
- Cheeke, D.** *see* Ettinger, H. 8-72462
- Cheema, P.S.**, Ahuja, H.N. Drift of icebergs in the Grand Banks 8-81200
- Cheeseborough, J.C., III** *see* Williams, W. 8-70934
- Cheesewright, R.**, Doan, K.S. Space-time correlation measurements in a turbulent natural convection boundary layer 8-71322
- Cheetham, A.D.** *see* Brennan, M.H. 8-59574
- Cheglov, E.I.**, Terpugova, A.F., Samsonov, B.F., Kilin, V.A. Study of the ground and some low-lying excited states of the formaldehyde molecule by the CNDO/ V_n -1 method 8-74576
- Cheh-Chih Yeh** *see* Lu-San Chen 8-89300
- Chehab, R.** A second order calculation of the adiabatic invariant of a charged particle spiraling in a longitudinal magnetic field 8-58892
- Cheka, J.S.** *see* Gammage, R.B. 8-82523
- Chekalin, G.G.** Consumption of working medium in a single-slit plasma source for singly charged ions 8-67379
- Chekanov, S.Ya.** *see* Bubro, K.K. 8-86279
- Chekanov, V.V.** Magneto-optical activity of a ferromagnetic fluid in reflected light 8-76438
- Chekanova, L.A.** *see* Berzhanskii, V.N. 8-88192
- Chekanova, L.A.** *see* Ignatchenko, V.A. 8-88196
- Chekhonin, S.M.** *see* Maksimov, D.E. 8-61110
- Chekhovskoi, V.Ya.** *see* Berezin, B.Ya. 8-71866
- Chekhovskoi, V.Ya.** *see* Shestakov, E.N. 8-94566
- Chekhovskoi, V.Ya.** *see* Zaichenko, V.M. 8-91455
- Chekhunov, E.V.** *see* Argunov, V.A. 8-51377
- Chekin, O.N.** *see* Dadamkhamedov, E.U. 8-77901
- Chekovskii, S.A.** *see* Brodin, I.S. 8-75239

- Chekulayeva, L.N.** Certain aspects of purple membranes isolated from the cells of Halophils 8-69003
- Chekunov, A.V.** *see* Bur'yanov, V.B. 8-85511
- Chela-Flores, J., Janica-De-La-Torre, R., Kalnay, A.J., Rodriguez-Gomez, J., Rodriguez-Nunez, J.** Remarks on gauge variables and singular Lagrangians 8-78063
- Chelebayev, A.K.** *see* Vargaftik, N.B. 8-55903
- Chelidze, T.L., Yakovlev, I.L., Kiknadze, V.D., Kevlishvili, G.Ye.** Size of erythrocytes of human blood as revealed by specific electrical conductivity 8-53535
- Chelidze, T.Ya.** *see* Bakshudarov, E.M. 8-71617
- Chelikowsky, J.R., Phillips, J.C.** Quantum-defect theory of heats of formation and structural transition energies of liquid and solid simple metal alloys and compounds 8-55830
- Chelkowski, A.** *see* Slebarski, A. 8-95440
- Chell, G.G., Gates, R.S.** A study of failure in the post yield regime using single edge-notched tension specimens 8-68765
- Chellappa, R.** Frequency of first occurrence of monsoon depressions in the Bay of Bengal in 10-day epochs during the period 1891-1970 8-81303
- Chelli, A.** *see* Alloin, D. 8-89257
- Chellis, F.F.** Design compromises in the selection of closed-cycle cryocoolers 8-93705
- Chelyshev, A.E.** *see* Bannykh, O.A. 8-95748
- Chemarin, M.** *see* Badelek, B. 8-90011
- Chemarin, M.** *see* Burq, J.P. 8-82569, 8-89741
- Chemeris, V.G.** *see* Kurashov, V.N. 8-58952
- Chemeris, V.S.** The N.I. Muskhelishvili integral equation for solution of mixed problem of the plane theory of elasticity 8-89339
- Chemin, J.F., Andriamonje, S., Roturier, J., Saboya, B., Gayet, R., Salin, A.** Projectile charge and mass dependence of large angle K-shell ionisation probabilities on copper 8-74750
- Chemin, J.F.** *see* Pistre, J.D. 8-55982
- Chemla, D.** *see* Jerphagnon, J. 8-71140
- Chemla, D.S., Bonneville, R.** Symmetries of the static electric field induced optical effects in rarefied fluids 8-55713
- Chemla, D.S.** *see* Bonneville, R. 8-80366
- Chemla, M.** *see* Magdelenat, H. 8-76875
- Chemla, M.** *see* Treiner, C. 8-64871
- Chemodanov, D.I., Polozova, L.K.** Interconnection between the kinetics of structure formation and the kinetics of chemical reactions in the system $\text{CdO-WO}_3\text{-H}_2\text{O}$ 8-53198
- Chemodanov, V.P.** *see* Selivanov, A.S. 8-96321
- Chen, A.-B., Segall, B.** Empirical parametrisation of electronic structure 8-91585
- Chen, A.-B., Sher, A.** Valence-band structures of III-V compounds and alloys—Bond-orbital and coherent-potential approximations 8-87909
- Chen, A.C.** The Coulomb problem and the Maxwell fish-eye problem 8-49585
- Chen, A.C.** The zero energy Coulomb problem 8-62097
- Chen, A.J., Grebowsky, J.M.** Dynamical interpretation of observed plasmasphere deformations 8-81501
- Chen, B., Marom, E., Morrison, R.J.** Diffraction-limited geodesic lens for integrated optics circuits 8-94453
- Chen, B., Meijer, C.M.** Bragg switch for optical channel waveguides 8-75002
- Chen, B.** *see* Hong, C.S. 8-63172
- Chen, B.H.** *see* Wang, S.T. 8-85611
- Chen, C., Judd, G.** Microstructure study on the effect of titanium in the ageing treatment of an Al-Zn-Mg alloy 8-64568
- Chen, C., Moreadith, F.L.** Research needs and improvement of standards for nuclear power plant design 8-94046
- Chen, C.H.** On digital signal modelling and classification with the teleseismic data 8-73325
- Chen, C.H.** Seismic pattern recognition 8-81428
- Chen, C.H., Judish, J.P., Payne, M.G.** Energy-transfer processes in proton-excited Ar-Xe and Ar-F₂ mixtures 8-66647
- Chen, C.H., Payne, M.G., Judish, J.P.** Kinetic studies of ArF* and ArF₂* in proton-excited Ar-F₂ mixtures 8-94307
- Chen, C.K.** *see* Scarr, J.M. 8-54634
- Chen, C.L.** *see* Tuma, D.T. 8-75447
- Chen, C.P.** *see* Sajben, M. 8-71361
- Chen, C.T., Wilson, W.L., Jr., Roberts, G.E.** Magnetic properties of bias-sputtered Gd-Co-Fe amorphous films with uniaxial perpendicular anisotropy 8-64234
- Chen, C.W.** Recent developments in soft magnetic moments 8-52325
- Chen, C.W., Hopkins, G.W.** Ray tracing through funnel concentrator optics 8-58900
- Chen, C.W.** *see* Severin, C.S. 8-68310
- Chen, D.** *see* Beiser, L. (editor) 8-71171
- Chen, D.-M.** *see* Lyman, F.A. 8-83154
- Chen, D.-W.** *see* Valentin, A. 8-58651
- Chen, E.P.** Sudden twisting of a penny-shaped crack in a finite elastic cylinder 8-67110
- Chen, E.P.** *see* Hasselman, D.P.H. 8-84955
- Chen, E.Yi.** *see* Dillon, J.G., Jr. 8-68349
- Chen, E.Yi.** *see* Yi Chen, E.
- Chen, F.F.K.** *see* Calderon, M.O. 8-66403
- Chen, F.F.K.** *see* Hinkle, R.E. 8-58494
- Chen, F.K., Chargin, A.K.** Design for the magnetic field requirements of the tandem mirror experiment 8-54988
- Chen, F.S., Karr, M.A., Shumate, P.W.** Effects of beam displacement and front and back mistracking of junction lasers on lightwave transmitter output stability 8-79059
- Chen, F.S.** *see* Shumate, P.W., Jr. 8-90423
- Chen, G.T.Y.** *see* Goitein, M. 8-69220
- Chen, H., Tai, A., Yu, F.T.S.** Generation of color images with one-step rainbow holograms 8-66781
- Chen, H., Yu, F.T.S.** One-step rainbow hologram 8-71062
- Chen, H.** *see* Leith, E.N. 8-71061
- Chen, H.** *see* Yu, F.T.S. 8-55320
- Chen, H.H., Lathrop, J.F.** Observation of ionization electrons drifting large distances in liquid argon 8-55100
- Chen, H.H., Lim, C.C., Aziz, R.A.** The enthalpies of sublimation and internal energies of solid argon, krypton, and xenon determined from vapour pressures 8-91435
- Chen, H.H., Liu, C.S.** Nonlinear wave and soliton propagation in media with arbitrary inhomogeneities 8-49676
- Chen, H.H.** *see* Chen, K.G. 8-95447
- Chen, H.S.** The influence of structural relaxation on the density and Young's modulus of metallic glasses 8-72804
- Chen, H.S.** Alloying effect on the viscous flow in metallic glasses 8-79793
- Chen, H.S.** The evidence of structural relaxation as the origin of Curie temperature aging in metallic glass 8-84418
- Chen, H.S.** Validity of the energy and entropy interfacial tension models examined in view of the stability of metallic glasses 8-91255
- Chen, H.S., Acrivos, A.** The solution of the equations of linear elasticity for an infinite region containing two spherical inclusions 8-65773
- Chen, H.S., Acrivos, A.** The effective elastic moduli of composite materials containing spherical inclusions at non-dilute concentrations 8-67037
- Chen, H.S., Kimerling, L.C., Poate, J.M., Brown, W.L.** Diffusion in a Pd-Cu-Si metallic glass 8-55983
- Chen, H.S.** *see* Chi, G.C. 8-68766
- Chen, H.S.** *see* Chuang, S.Y. 8-84678
- Chen, H.S.** *see* Waseda, Y. 8-72130
- Chen, H.** Sha-Lin *see* Sha-Lin Chen, H.
- Chen, I.** Effects of bimolecular recombination on photocurrent and photoinduced discharge 8-60156
- Chen, I.** A model of charge injection at metal-insulator contacts 8-68088
- Chen, J., Lovelace, R.V.** Beam generation in foil-less diodes 8-89593
- Chen, J.D., Lypka, R.B., Zetaruk, D.G., Boase, D.G.** Non-destructive determination of burnup by gamma-scanning: An assessment of cesium-134/cesium-137 activity ratio as a fission monitor in CANDU fuels 8-94076
- Chen, J.L., Lienhard, J.H., Eichhorn, R.** A method for measuring transparent droplet diameters 8-59518
- Chen, J.J.J.** *see* Spedding, P.L. 8-51220
- Chen, J.L.S., Kubler, E.A.** Non-Newtonian flow along needles 8-67229
- Chen, J.L.S., Smith, T.N.** Forced convection heat transfer from nonisothermal thin needles 8-90636
- Chen, J.M., Sun, T.S., Viswanadham, R.K., Green, J.A.S.** Grain boundary segregation of an Al-Zn-Mg ternary alloy 8-72781
- Chen, J.M.** *see* Sun, T.S. 8-71962, 8-95227
- Chen, K.G., Chen, H.H., Hsue, C.S.** Quadrupole phase transition of a planar classical Heisenberg model 8-95447
- Chen, K.-H.** Spectral theory for acoustic wave equations with generalised Neumann boundary conditions in exterior domain 8-59173
- Chen, K.K., Furdyna, J.K.** Microwave propagation in InSb powder: Magnetoplasma and helicon-wave excitations 8-72183
- Chen, K.S., Wan, J.K.S.** An electron spin resonance study of the photochemically generated alkali cationic triple ions of some dicarbonyl compounds 8-80758
- Chen, K.W., Van Ginneken, A.** Origin of muon-induced dimuons and scale violations at small x 8-62407
- Chen, L., Hsu, J., Kaw, P.K., Rutherford, P.H.** Theory of finite- β -modified drift waves 8-91092
- Chen, L.** *see* Drake, J.F. 8-94909
- Chen, L.J., Ardell, A.J.** Void ordering in nitrogen-ion irradiated nickel-aluminum solid solutions 8-79644
- Chen, L.W.** *see* Yuen, M.C. 8-59268
- Chen, M., Lyon, S.A., Smith, D.L., McGill, T.C.** Transients of the photoluminescence intensities of the electron-hole droplets in pure and doped Ge 8-88353
- Chen, M.** *see* Gill, H.S. 8-63947
- Chen, M.C.** *see* Maxfield, J. 8-67660
- Chen, O.L.** *see* Balashkand, M.I. 8-53752
- Chen, P.J., Montgomery, S.T.** Boundary effects on the normal-mode response of linear transversely isotropic piezoelectric materials 8-52441
- Chen, P.J.** *see* Brown, W.T. 8-72468
- Chen, R.H., Cravens, T.E., Nagy, A.F.** The Martian ionosphere in light of the Viking observations 8-96419
- Chen, R.H., Nagy, A.F.** A comprehensive model of the Venus ionosphere 8-57480
- Chen, R.H.** *see* Cravens, T.E. 8-89092
- Chen, R.L.W., Hobbs, E.R.** Ramsauer-Townsend effect and the electrical conductivity of a partially ionized gas 8-67458
- Chen, R.Y.** Deposition of aerosol particles in a channel due to diffusion and electric charge 8-90978
- Chen, R.Y.S.** *see* Frost, R.S. 8-84013
- Chen, S.-C., Gaffney, B.J.** Paramagnetic resonance evidence for phase transitions in bilayers of pure spin-labeled lipids 8-69004
- Chen, S.H.** *see* Keer, L.M. 8-90784
- Chen, S.J., Heifetz, J.** The toroidal field coil stress analysis—as planned and executed for the TFTR 8-50379
- Chen, S.S.** Crossflow-induced vibrations of heat exchanger tube banks 8-50245
- Chen, S.S.** *see* Kreglewski, A. 8-79737
- Chen, S.T., Gallagher, A.C.** Electron excitation of the resonance lines of the alkali-metal atoms 8-55244
- Chen, S.T.** *see* Khayrallah, G.A. 8-55243
- Chen, T.C.** *see* Yang, G.L. 8-73149
- Chen, T.C.S.** *see* Kispert, L.D. 8-95531
- Chen, T.F.** *see* Stein, B.F. 8-68639
- Chen, T.L.C.** *see* Bert, C.W. 8-63356
- Chen, T.S., De Wette, F.W.** Influence of surface relaxation on the surface vibrational modes of some ionic crystals 8-71927
- Chen, T.S., de Wette, F.W., Kleinman, L.** Infrared absorption in MgO microcrystals 8-92074
- Chen, T.S.** *see* Mucoglu, A. 8-90903
- Chen, T.T.** *see* Kung-Ynag Liao 8-59229
- Chen, T.Y.** *see* Wan, C.M. 8-84856
- Chen, W.J.** *see* Lee, Y. 8-94095
- Chen, W.P.** *see* Hjortsberg, A. 8-52587
- Chen, W.Y., Toffolo, W.E., Purcell, J.R.** Time dependent study of eddy current loss in a superconducting composite 8-62636
- Chen, W.Y.** *see* Toffolo, W.E. 8-54930
- Chen, Y.C., Chiang, K.P., Hartmann, S.R.** Photon echo 'decay' in $\text{LaF}_3:\text{Pr}^{3+}$ as a modulation process 8-79078
- Chen, Y.O., Chang, Y.A.** Thermodynamics and phase relationships of transition metal-sulfur systems: I. The cobalt-sulfur system 8-52785
- Chen, Y.T.** *see* Tsai, Y.M. 8-80620
- Chen, Y.W.** Solution of the wave equation in R^{n+1} with data on a characteristic cone 8-57807
- Chen** *Chen Jen* *see* Che Jen Chen
- Chen** *Chen-Tung* *see* Chen-Tung Chen
- Chen** *Cheng-Yueh* *see* Cheng-Yueh Chen
- Chen** *Chi Mely* *see* Mely Chen Chi
- Chen** *Chieh* On the criterion for crack extension 8-79278
- Chen** *Ching Jen* *see* Ching Jen Chen
- Chen** *Ching-Jen* *see* Ching-Jen Chen
- Chen** *Chong-Yuan* *see* Chong-Yuan Chen
- Chen** *Chuang-Tien* An ionic grouping theory of the electro-optical and non-linear optical effects of crystals. IV. The calculation of linear optical susceptibilities in crystals of the perovskite and the tungsten bronze structure types 8-52472
- Chen** *Da-Wun* *see* Da-Wun Chen
- Chen** *Hou* *see* Sun Chi-Chang 8-82406
- Chen** *Hsi-Tseng* *see* Hsi-Tseng Chen
- Chen** *Hwa*, Leisman, G. Simultaneous recording of visual evoked electrical and magnetic responses in man: increasing the efficiency of the electrophysiologic diagnostic techniques 8-53558
- Chen** *Jin-Chuan*, Gao Mei-Juan, Wang Fan Physical method of group representation theory (V). The irreducible bases of $\text{SU}(2) \supset \text{SO}(3)$ and $\text{SU}(4) \supset \text{SU}(3) \times \text{SU}(2)$ 8-82121
- Chen** *Jin-Quan*, Wang Fan, Gao Mei-Juan Physical methods of group representation theory. III. Outer-product reduction coefficients of the permutation group and CG coefficients of the SU_n group 8-49631
- Chen** *Jin-Quan*, Wang Fan, Gao Mei-Juan Physical method of group representation theory. IV. The irreducible bases of $\text{SU}_{m+n} \supset \text{SU}_m \times \text{SU}_n$ and $\text{SU}_{m+n} \supset \text{SU}_m \otimes \text{SU}_n$ 8-66049
- Chen** *Jing-Huei* *see* Jing-Huei Chen
- Chen** *Ke-Liang* *see* Sun Chi-Chang 8-82406
- Chen** *Kuo-mei* *see* Kuo-mei Chen

- Chen Kwan-Yu *see* Kwan-Yu Chen
 Chen Lee-Sea *see* Lee-Sea Chen
 Chen Li-Ting *see* Li-Ting Chen
 Chen Lian An examination of matt-facet fractures in high speed steels 8-95793
 Chen Liu *see* Liu Chen
 Chen Liu, S. *see* Cicerone, R.J. 8-57223
 Chen Lu-San *see* Lu-San Chen
 Chen Mau Hsiung *see* Mau Hsiung Chen
 Chen Mou-shan *see* Mou-shan Chen
 Chen Ning Yang *see* Chou, T.T. 8-66159
 Chen Pei-Shan, Zhuo Yu-Ru, Jin Yan Wang Zhi-Gang, Huang Wei-Qiong, Li Wen-Xiang, Hu Rong-Sheng The stress field of the Peking-Tientsin-Tangshan-Zhangjiakou area before and after the Tangshan earthquake of July 28, 1976 8-61358
 Chen Sheng Wang, Street, R.L. Transfers across an air-water interface at high wind speeds: the effect of spray 8-85574
 Chen Shih *see* Chu Chung-Yuan 8-82169
 Chen Shih *see* Wu Yong-Shi 8-86459
 Chen Sin-Lin *see* Sin-Lin Chen
 Chen Sow-Hsin *see* Sow-Hsin Chen
 Chen Tien Chi *see* Tien Chi Chen
 Chen Tu *see* Tu Chen
 Chen Wang-ping *see* Wang-ping Chen
 Chen Yan-Song *see* Dong Bi-Zhen 8-90392
 Chen Yi-der *see* Yi-der Chen
 Chen Yi-zhi, Ma Dai, Ge Ming, Wang E-shen An electron microscope observation on the distribution of MnS precipitates in grain oriented 3% Si-iron 8-95751
 Chen Yong-Kui *see* Gao Jie Zhang Yu-Zhen 8-68116
 Chen Yu *see* Yu Chen
 Chen Yung-Sow, Lu Tzow-Chi, Vu Gon-Han On the contraction and deformation of deuteron cluster in ^6Li 8-78290
 Chen Zheng-Hao *see* Dong Bi-Zhen 8-90392
 Chen Zhong-Mo *see* Wu Jing-Yuan 8-82192
 Chen-Chin Hong, Stern, M. The computation of stress intensity factors in dissimilar materials 8-55607
 Chen-Kun Liu, C., Brutsaert, W. A nonlinear analysis of the relationship between rainfall and runoff for extreme floods 8-81247
 Chen-Tung Chen, Lee-Sea Chen, Millero, F.J. Speed of sound in NaCl, MgCl_2 , Na_2SO_4 , and MgSO_4 aqueous solutions as functions of concentration, temperature, and pressure 8-79668
 Chenavas, J. *see* Collomb, A. 8-52214
 Chenavas, J. *see* Meyer, C. 8-84505
 Chenchu Raju, V.C. *see* Vidyandhi, V. 8-67277, 8-87351
 Chenette, D.L. *see* Barnes, C.W. 8-61690
 Chenevert, G.M. *see* Deluca, P.M. 8-92698
 Chenevier, M., Sadeghi, N., Pebay-Peyroula, J.C. Relaxation processes of $\text{Xe}^+(\text{P}_2)$ metastable atoms in argon-xenon mixtures 8-50624
 Cheng, A.F. Exact MHD solutions for rotating, magnetic stars 8-69800
 Cheng, A.F., Lanzerotti, L.J. Ice sputtering by radiation belt protons and the rings of Saturn and Uranus 8-91116
 Cheng, C.S. *see* Tou, J.T. 8-73280
 Cheng, C.Z., Okuda, H. Numerical simulation of trapped-electron instabilities in toroidal geometry 8-94933
 Cheng, C.Z. *see* Okuda, H. 8-91148
 Cheng, E.T. *see* Abdel-Khalik, S.I. 8-58425
 Cheng, E.T. *see* Ragheb, M.H. 8-62603, 8-74464
 Cheng, E.T. *see* Sze, D.K. 8-62652
 Cheng, H., Dickinson, J., Lo, C.Y., Olausen, K., Yeung, P.S. Unitarizing high-energy scattering amplitudes in field theories I. QED 8-62341
 Cheng, H.S., Dyson, A. Elastohydrodynamic lubrication of circumferentially-ground rough disks 8-64708
 Cheng, J.C., Tirsell, K.G., Tripp, G.R., Lent, E.M., Lerche, R.A. Streak camera measurement of subnanosecond plastic scintillator properties 8-66450
 Cheng, K.C., Jenn-Wuu Ou Joule-Thomson effects on turbulent Graetz problem for gas flows in pipes with uniform wall temperature 8-75204
 Cheng, K.C., Jenn-Wuu Ou Maximum density effects on forced laminar convection in horizontal water pipes with near freezing wall temperature 8-90900
 Cheng, K.C., Ray-Shing Wu Maximum density effects on convective instability of horizontal plane Poiseuille flows in the thermal entrance region 8-67193
 Cheng, K.C. *see* Gilpin, R.R. 8-71342
 Cheng, K.T., Descalux, J.P., Kim, Y.-K. Fine structure in the $1s2p^2\ ^4\text{P}$ and $1s2s2p\ ^4\text{P}^0$ states of Li-like 8-66471
 Cheng, K.T., Sepp, W.D., Johnson, W.R., Fricke, B. Self-energy corrections in heavy muonic atoms 8-55262
 Cheng, K.T. *see* Berry, H.G. 8-94210
 Cheng, K.T. *see* Johnson, W.R. 8-50515
 Cheng, L.J. *see* Sen, P. 8-55894
 Cheng, P. *see* Hsu, C.T. 8-94813
 Cheng, P.C. *see* Mori, T. 8-84810
 Cheng, P.C. *see* Mura, T. 8-55566, 8-67123
 Cheng, R.T. *see* Walters, R.A. 8-92846
 Cheng, S., Angsirikul, T. Three-dimensional elasticity solution and edge effects in a spherical dome 8-59306
 Cheng, S.C., Ng, W.W.L., Heng, K.T., Groeneveld, D.C. Measurements of transition boiling data for water under forced convective conditions 8-89961
 Cheng, S.C., Teoh, C.S. An application of CSMP for general heat transfer problem in fins 8-75145
 Cheng, S.S. *see* Runge, P.K. 8-94433
 Cheng, T.P., Ling-Fong Li Weak-interaction-induced neutrino oscillations 8-70359
 Cheng, T.P. *see* Bowman, J.D. 8-78156
 Cheng, Y.C. *see* Pundsack, A.L. 8-83055
 Cheng, Y.L., Bonner, D.C. Solubility of nitrogen and ethylene in molten, low-density polyethylene to 69 atmospheres 8-71859
 Cheng Chu, Ming-Sheng Chu, Ohkawa, T. Magnetostatic mode and cross-field electron transport 8-83538
 Cheng Fu-zhen *see* You Jun-han 8-69903
 Cheng Guo-Liang Magnetism of Jilin chondritic meteorite shower 8-85917
 Cheng Hsi-Teh *see* Wang Ke-Lin 8-82112
 Cheng Hsi-teh *see* Wang Ming-chung 8-78097, 8-82167
 Cheng Hung *see* Hung Cheng
 Cheng Hung-Yuan *see* Hung-Yuan Cheng
 Cheng Kuo-shung *see* Kuo-shung Cheng
 Cheng Kwok-tsang *see* Kwok-tsang Cheng
 Cheng Ping *see* Ping Cheng
 Cheng Wan *see* Ghose, S. 8-51514
 Che'ng Wan *see* Liming, R. 8-79571
 Cheng Yu-fen *see* Yang Zhen 8-68462
 Cheng-Fong Chou *see* Yuen-Chung Liu 8-70223
 Cheng-Guang Bao *see* Bao Cheng-Guang
 Cheng-kang Chang *see* Chang Cheng-kang
 Cheng-Ming Fou, Theresa Sheau-Yun Wu Fou Is there a state of ^8Be at about 6 MeV excitation? 8-93938
 Cheng-Yuan Shao, Liller, W. Astrometry and photometry of stars in the vicinity of the Hulse-Taylor binary pulsar 8-93219
 Cheng-Yueh Chen *see* Yung-Chang Lee 8-68573
 Chenzha, M., Duma, M., Khatsegan, K., Tenase, M. Anomaly in elastic proton scattering on ^3Li at (p,n) reaction threshold energy 8-94011
 Cheo, P.K. Generation and applications of 16 GHz tunable sidebands from a CO_2 laser 8-90428
 Cheon Yoo Ho *see* Ho Cheon Yoo
 Chepel, V.F. Investigation of the piezo-electricity of bone on exposure to ultrasound 8-80913
 Chepeleva, I.V. *see* Ermakovich, K.K. 8-72409
 Chepilko, N.M. *see* Puchkovskaya, G.A. 8-87919
 Chepkunas, L.S. *see* Zakharova, A.I. 8-57171
 Chepsov, S.A. *see* Khurst, Yu.R. 8-77172
 Chepur, D.V. *see* Vysochanskii, Yu.M. 8-88263
 Chepurnykh, G.K. Characteristics of relaxation processes in antiferromagnets 8-60340
 Cherbu, A.V. *see* Kalinkin, B.N. 8-58266, 8-58267, 8-58268
 Cherednichenko, V.G. Determining the density of a body from a given potential 8-77710
 Cherednik, E.M. *see* Kilin, V.S. 8-60857
 Chereiskii, Z.Yu. *see* Slutsker, L.I. 8-75570
 Chereiskii, Z.Yu. *see* Syutkin, V.M. 8-68748
 Chereji, I., Todorean, G., Mercea, V., Istomin, V. Device for in-flight calibration of mass spectrometer 8-93115
 Cheremiskin, I.V. *see* Deryugin, L.N. 8-87091
 Cheremnykh, P.A. *see* Jergel, M. 8-60257
 Cheremskoi, P.G. *see* Fuks, M.Ya. 8-87884
 Cheremskoi, P.G. *see* Palatnik, L.S. 8-75950
 Cheremukhin, G.S., Gurdin, E.K. A determination of the complex index of refraction of films for the case PbTe_{1-x} 8-54445
 Cherenkevich, S.N. *see* Konev, S.V. 8-90209
 Cherenko, A.A. *see* Beterov, I.M. 8-77996
 Cherepanov, A.N., Startsev, V.E., Volkenshtein, N.V. Quantum oscillations of thermoe.m.f. and the Nernst effect in magnetic breakdown trajectories in Ru 8-95290
 Cherepanov, A.N. *see* Maksimov, L.N. 8-84789
 Cherepanov, E.A. *see* Ilijin, A.S. 8-70579
 Cherepanov, V.I. *see* Vol'kenshtein, N.V. 8-76041, 8-91666
 Cherepanova, E.S. *see* Grigorovskaya, V.A. 8-55816
 Cherepanova, T.G. *see* Antsiferov, V.N. 8-60611
 Cherepashchuk, A.M., Goncharskii, A.V., Yagola, A.G. Interpretation of the light curves of eclipsing binaries with disklike envelopes. The HZ Herculis system 8-65658
 Cherepashchuk, A.M. *see* Aslanov, A.A. 8-77565
 Cherepashchuk, A.M. *see* Bisnovatyi-Kogan, G.S. 8-69840
 Cherepin, V.T. *see* Vasil'ev, M.A. 8-68696, 8-74097
 Cherepkov, N.A. Angular distribution and spin polarization of $\text{Xe5s} \rightarrow \text{ep}$ photoelectrons 8-58634
 Cherepkov, N.A. Spin polarisation of electrons ejected from unpolarised atoms by unpolarised and linearly polarised light 8-78765
 Cherepkova, N.G. *see* Budenkov, G.A. 8-72980
 Cherepov, E.I. *see* Gershinskii, A.E. 8-52080
 Cherevko, M.A. Diffraction of longitudinal waves at a series of elastic circular inclusions 8-63368
 Cherevko, M.A. *see* Guz', A.N. 8-67083
 Cherevko, V.I. *see* Enker, M.B. 8-85263
 Cherin, P., Parysek, S. Interrelated effects in X-ray fluorescence—the ferrites 8-85259
 Cherkaev, A.V. On posing problems of optimal design of freely vibrating bodies 8-65775
 Cherkas, B. *see* Baider, A. 8-65755
 Cherkasov, A.D. *see* Vishnevskaya, T.M. 8-64988
 Cherkasov, A.N., Kolarik, J., Janacek, J. Correlation between the optical and mechanical anisotropy of cast poly (phenylenesilsequinoxane) films 8-95000
 Cherkasov, A.N. *see* Galkin, A.A. 8-79981
 Cherkasov, A.P. *see* Nesmelova, I.M. 8-72521
 Cherkasov, A.S. On absorption of photons by light nuclei 8-89850
 Cherkasov, A.S. *see* Aristov, A.V. 8-50772
 Cherkasov, V.G. *see* Beseda, V.A. 8-86283
 Cherkasov, Yu.A. *see* Kryukov, V.V. 8-49935
 Cherkasova, E.K. *see* Babaritskii, A.I. 8-87458
 Cherkasova, K.P. *see* Lomonosov, M.I. 8-54231
 Cherkosov, L.V. *see* Bukatov, A.E. 8-81196
 Cherkosov, L.V. *see* Sannikov, V.F. 8-65323, 8-77251
 Cherkosov, L.V. *see* Suvorov, A.M. 8-77252
 Cherkezyan, S.A. *see* Smirnovskaya, E.M. 8-60301
 Cherkis, Yu.Yu. *see* Belyakov, L.N. 8-85045
 Cherkis, Yu.Yu. *see* Utkina, A.N. 8-52989
 Cherkisii, N.V., Chankho Kan, Makogon, Yu.F., Shersnev, M.L. On the question of the stability of a solid freezing front 8-63844
 Chermant, J.L., Osterstock, F. Fracture of WC-Co hard metals 8-60808
 Chermnykh, N.S. *see* Sokolov, I.A. 8-80622
 Chern Chuen-Ing *see* Chuen-Ing Chern
 Chernaya, V.V. *see* Baikova, S.A. 8-53266
 Chernenko, A.A. *see* Beterov, I.M. 8-70954
 Chernenko, I.M. *see* Ivon, A.I. 8-91699
 Chernenko, N.F. *see* Meshkov, Yu.Ya. 8-84871
 Chernenko, S.P. *see* Zanevsky, Yu.V. 8-77174
 Chernetsov, K.N. *see* Kuznetsov, E.N. 8-49819
 Chernev, Kh.M. *see* Batsov, Yu.A. 8-54745, 8-89855
 Chermikov, V.A. *see* Evseyenko, V.P. 8-75399
 Chermikov, V.A. *see* Goodilin, I.A. 8-75398
 Chernin, A.D. On the origin of proto-galactic eddies 8-54040
 Chernin, A.D., Silbergleit, A.S. Formation of galaxies and clusters: violent gas dynamics 8-86018
 Chernitskii, Ye.A. *see* Matus, V.K. 8-77026
 Chernobabov, A.I., Turik, A.V., Komarov, V.D. The temperature dependence of the dielectric and elastic constants of chemically pure BaTiO_3 ceramic 8-64307
 Chernobabov, A.I. *see* Turik, A.V. 8-68468
 Chernobai, V.A., Andronik, V.V. On the theory of superfluid liquid rotation in pulsars taking into account the relativistic effects in vortices 8-61876
 Chernobai, V.A. *see* Ornatiskii, A.P. 8-83397
 Chernobai, V.A. *see* Ornatiskii, A.P. 8-51043
 Chernobelskii, A.A. *see* Roitburd, I.A. 8-76814
 Chernobrovin, V.I. *see* Gosteva, T.S. 8-59615
 Chernobrovov, S.V. *see* Vladimirov, L.V. 8-95893
 Chernogor, L.F. Nonstationary process of radio waves interaction in plasma (ionosphere) 8-93028
 Chernogor, L.F. *see* Martynenko, S.I. 8-69573
 Chernomoret, M.P. *see* Ostapenko, N.I. 8-56498
 Chernoplekov, N.A. *see* Romyantsev, A.Yu. 8-87751
 Chernous'ko, F.L. Motion of a solid body with elastic and dissipative elements 8-65763
 Chernousov, M.A. *see* Rekhson, S.N. 8-67839
 Chernoutsan, A.I., Voskresenskii, D.N. Condensation of pions in electric field of supercharged nucleus 8-54717
 Chernov, A.A., Bronshtein, V.L. A macroscopic particle ahead of the solidification front of a dilute solution of an electrolyte 8-95005
 Chernov, A.A., Kopylova, G.F. Morphology of growth and evaporation surfaces of alkali halide crystals 8-79544
 Chernov, A.A., Temkin, D.E., Mel'nikova, A.M. The influence of the thermal conductivity of a macroparticle on its capture by a crystal growing from a melt 8-79543
 Chernov, A.A. *see* Temkin, D.E. 8-67676

- Chernov, A.P.**, Babievskaya, I.Z., Ol'khovskii, V.I., Kalinnikov, V.T. An IR study of glasses in the P-Se and As₂Se₃-In₃ systems 8-64365
- Chernov, A.P.** see Alekseeva, O.K. 8-72637
- Chernov, A.S.** see Yatsun, M.A. 8-72983
- Chernov, A.V.** see Andreev, I.V. 8-89908
- Chernov, A.V.** see Novikov, S.A. 8-51128
- Chernov, B.B.** see Ribinshtein, A.I. 8-53221
- Chernov, D.B.** see Molokanov, V.V. 8-83959
- Chernov, G.M.** see Azimov, S.A. 8-58258
- Chernov, G.M.** see Basova, E.S. 8-82358
- Chernov, G.M.** see Boos, E.G. 8-62530
- Chernov, G.M.** see Shabratova, G.S. 8-82359
- Chernov, G.P.** Morphological characteristics of solar radio bursts of the 'spike' type 8-65599
- Chernov, G.Ya.** see Akkerman, A.F. 8-91367
- Chernov, I.A.** see Brezhnev, A.L. 8-87374
- Chernov, L.A.** see Sukhorukov, V.V. 8-60937
- Chernov, L.A.** see Volkov, S.S. 8-86751
- Chernov, N.I.** see Ostrovskii, B.I. 8-91250
- Chernov, P.P.** see Korneienko, L.S. 8-88189
- Chernov, S.P.** see Devyatkov, L.I. 8-64414
- Chernov, S.P.** see Khokhlov, R.V. 8-66835
- Chernov, S.P.** see Mikhailov, V.V. 8-82973
- Chernov, V.K.** see Drokina, N.A. 8-56178
- Chernov, V.M.**, Savin, M.M. Elastic interaction of 60° and screw dislocations with point defects in FCC crystals 8-63786
- Chernov, V.M.** see Bakharev, A.M. 8-61770
- Chernov, V.M.** see Fedotov, V.D. 8-72423
- Chernov, Yu.A.** see Ezhov, A.A. 8-80532
- Chernov, Z.S.**, Bernashevskiy, G.A., Voronov, P.S., Ovchinnikova, N.A. An experimental investigation of two-beam gain saturation in an electron-ion beam without capture of electrons 8-94919
- Chernova, G.S.** see Fridman, L.A. 8-72999
- Chernova, G.S.** see Tabachnik, V.P. 8-60943
- Chernova, L.P.** see Boos, E.G. 8-62530
- Chernova, N.A.**, Arkhangel'skii, I.V., Komissarova, L.N. Statistical analysis of some topological models 8-92446
- Chernova, N.I.** see Shul'ga, V.M. 8-82048
- Chernovets, B.V.** see Samorukov, B.E. 8-52545
- Cherns, D.** Electron diffraction from periodic arrays of misfit dislocations formed during epitaxial growth 8-51857
- Chernukha, V.V.** see Breev, V.V. 8-75432
- Chernyak, A.I.** see Zabolotskii, A.A. 8-60624
- Chernyak, L.I.** see Novikov, I.I. 8-51698
- Chernyak, N.A.**, Goridov, S.I., Merisov, B.A. Characteristics of thermocouple Cu/Au+0.03 at.% Fe in magnetic fields at low temperatures 8-54365
- Chernyak, Y.B.** see Nussinov, M.D. 8-85882
- Chernyak, Yu.B.** On recent lunar atmosphere 8-61768
- Chernyakov, P.S.** Unsteady convective heat transfer in potential flow 8-59395
- Chernyakova, O.T.** see Berkovskii, A.G. 8-58032
- Chernyakovskaya, K.A.** see Basaev, R.M. 8-86352
- Chernyakovskii, F.P.** see Basaev, R.M. 8-86352
- Chernyakovskii, F.P.** see Shchapov, A.N. 8-71688
- Chernyavskaya, N.A.** see Gerbshtein, Yu.M. 8-90468
- Chernyavskaya, S.G.** see Krasnikova, S.I. 8-88526
- Chernyavskii, A.F.** see Danilevich, V.V. 8-57903
- Chernyavskii, L.I.** see Zhikharev, V.N. 8-63927
- Chernyavskii, M.M.** see Kurbatov, V.M. 8-89537
- Chernyavskij, M.M.** see Boos, E.G. 8-62530
- Chernyi, G.F.** see Varshalovich, D.A. 8-54031
- Chernyi, S.A.** see Alferov, V.N. 8-66440
- Chernyi, S.S.**, Grigorov, V.P., Stepchenkov, V.I., Kirichenko, V.N. Dispersiveness of radioactive aerosols at the Novovoronezh nuclear power station 8-70650
- Chernyi, V.V.** see Borshch, A.A. 8-79066
- Chernyi, Yu.F.** see Galkin, A.A. 8-56596
- Chernyi, Yu.F.** see Mikhailenko, G.P. 8-68645
- Chernykh, I.V.**, Glukhov, Yu.B., Litvinsev, V.V. Interference nature of the anomalous Hall and Nernst-Ettingshausen effects below the Debye temperature 8-64145
- Chernykh, V.T.**, Zelinskii, I.N. Holographic interferometer for studying three-dimensional optical inhomogeneities 8-87030
- Chernysh, L.F.** see Buchachenko, A.L. 8-88120
- Chernysh, V.V.** see Kaibyshev, O.A. 8-60908
- Chernyshenko, I.S.** see Dadamukhamedov, E.U. 8-77901
- Chernyshenko, V.Ya.** see Grishin, S.F. 8-86282
- Chernyshenko, V.Ya.** see Martynenko, V.G. 8-86281
- Chernyshev, A.V.** see Zatspein, N.N. 8-53133
- Chernyshev, I.M.** see Bystrov, V.P. 8-76428
- Chernyshev, I.V.** see Artem'ev, V.P. 8-87732
- Chernyshev, K.V.** see Imenitova, E.V. 8-51114
- Chernysheva, N.Y.**, Kachurin, G.A., Bogat'yriov, V.A. Amorphisation and recrystallisation of InSb ion implanted layers 8-63782
- Chernysheva, S.P.** see Chetaiev, D.N. 8-61687
- Chernysheva, Yu.P.**, Berin, I.I., Ermolaev, V.N., Presnyakov, A.A. Effect of heat treatment on the technological properties of copper during drawing 8-56659
- Chernyshov, A.D.** An heuristic method of solving nonlinear problems of elliptic type for doubly connected domains 8-86159
- Chernyshov, A.V.** see Vorontsova, Ye.A. 8-57340
- Chernyshova, E.O.** see Smolenskii, G.A. 8-76401
- Chernyshova, T.V.** see Krutovskii, E.P. 8-95278
- Chernyy, F.B.** Computation of the field of decametric radio waves emitted by a dipole in the troposphere or stratosphere 8-69399
- Chernyy, F.B.**, Bakhtvalov, B.N., Zhukov, S.A. The calculation of the field of radio waves above an uneven surface of the Earth 8-57275
- Cherpakov, P.V.** Propagation of heat with a variable relaxation period 8-79184
- Cherry, B.W.** see Aird, P.J. 8-64735
- Cherry, M.L.** Measurements of the spectrum and energy dependence of X-ray transition radiation 8-68577
- Cherskii, I.N.**, Kozlyev, Yu.P., Morov, V.A. Effect of stiff fillers on the elastic modulus of a polymer composition 8-68720
- Chertok, B.T.** ³He and ⁴He form factors and the dimensional-scaling quark model 8-93991
- Chertok, B.T.** see Arnold, R.G. 8-62521
- Chertok, I.M.** see Akin'yan, S.T. 8-75913
- Chertov, V.G.** see Gol'dfarb, I.S. 8-59138
- Chertov, V.G.** see Tsiubulya, A.B. 8-83014
- Chervier, E.** see Hansen, O.P. 8-56167
- Chervinskii, M.N.** see Kort, S.I. 8-88282
- Chervinskii, Yu.F.** see Desyatnik, V.N. 8-67764
- Chervonenkis, A.Ya.** see Balbashov, A.M. 8-50932
- Chervonenkis, A.Ya.** see Nadolski, S. 8-52365
- Chervova, A.A.** see Demidova, L.I. 8-52109
- Chervyakov, A.M.** see Ermakov, I.A. 8-85380
- Chervinski, W.** Innisfree meteorite-winter windfall 8-61821
- Chery, R.** see Duffait, R. 8-78303
- Chesalin, L.S.** see Kogan, L.R. 8-65713
- Chesalov, A.A.** see Dukhanov, V.I. 8-77932
- Cheshire, P.** see Ballard, D.G.H. 8-63680
- Chesler, D.A.** see Riederer, S.J. 8-53492
- Chesler, L.A.**, Robinson, G.Y. Plasma anodization of GaAs in a DC discharge 8-95826
- Chesney, D.J.** see Anderson, J.F. 8-92489
- Chesnokov, E.D.** see Baisa, D.E. 8-84495
- Chesnokov, S.D.** see Bazhenov, G.P. 8-71569
- Chesnokova, T.M.** see Pucherov, N.N. 8-67763
- Chesnut, D.B.**, Bondeson, S.R. A one-dimensional model for exciton motional correlation effects in dense triplet exciton systems 8-75997
- Chesnut, J.C.**, Rhodes, C.G. The effect of microstructure on fracture of a new high toughness titanium alloy 8-60805
- Chesser, N.J.** see Rowe, J.M. 8-67783
- Chester, G.V.** see Ceperley, D. 8-51768
- Chester, R.**, Griffiths, A., Stoner, J.H. Minor metal content of surface seawater particulates and organic-rich shelf sediments 8-92853
- Chester, T.J.** Theoretical calculations of the optical pulsation from HZ Herculis 8-57580
- Chesterman, W.D.**, Heaton, M. Sonar studies of the Continental Shelf 8-61622
- Chesters, A.K.** Modes of bubble growth in the slow-formation regime of nucleate pool boiling 8-90687
- Chestnov, Yu.A.** see Andronenko, M.N. 8-78550, 8-78551
- Chestnut, R.** see Wilets, L. 8-66302
- Chestnut, R.P.** see Christensen, P.R. 8-54798
- Chetaev, M.P.** see Shnyrkov, V.I. 8-88081
- Chetaev, M.P.** see Tsoi, G.M. 8-56259
- Chetaiev, D.N.**, Chernysheva, S.P., Morghoumov, V.A., Sheftel, V.M., Zemliankin, G.A. On the pulsations of E₂ (air) in the frequency range of Po 1 8-61687
- Chetal, A.R.** see Lokhande, N.R. 8-76556, 8-76557
- Chetkarev, V.A.** see Maksimov, V.I. 8-58031
- Chetkin, M.V.**, Shalygin, A.N., de la Kampa, A. Velocity of a planar domain wall in orthoferrites 8-72363
- Chettle, D.R.** see Bell, C.M.J. 8-61247
- Chetverikov, V.I.** see Tuchin, V.V. 8-82950
- Chetyrkin, K.G.**, Krasnikov, N.V., Tavkhelidze, A.N. Finite energy sum rules for the cross section of e⁺e⁻ annihilation into hadrons in QCD 8-62413
- Cheuck-Yin Wong, Tang, H.H.K.** Extended time-dependent Hartree-Fock approximation with particle collisions 8-49780
- Cheuk-Yin Wong** Dynamics of nuclear fluid. IV. Some spin and isospin properties in the hydrodynamical model 8-70479
- Cheung, A.C.** see Storey, J.W.V. 8-54004
- Cheung, A.S.** see Wall, F.T. 8-57849
- Cheung, C.Y.**, Henley, E.M., Miller, G.A. Charge-symmetry tests in neutron-proton elastic scattering 8-89798
- Cheung, D.T.** see Rode, J.R. 8-72745
- Cheung, F.B.** see Nee, V.W. 8-94531
- Cheung, H.C.**, Huang, H., Subba Rao, B.N., Lessard, L., Lee, J.K.P. Decay of ¹²⁰In 8-86510
- Cheung, J.**, Ashcroft, N.W. Resistivity of liquid metals under elevated pressure 8-84192
- Cheung, L.D.**, Nai-Teng Yu, Felton, R.H. Resonance Raman spectra and excitation profiles of Soret-excited metalloporphyrins 8-58698
- Cheung, L.M.** see Bishop, D.M. 8-58576, 8-82624, 8-90094, 8-90141
- Cheung, L.Y.-L.** see Nienow, A.W. 8-84733
- Cheung, T.T.P.**, Soos, Z.G., Dietz, R.E., Merritt, F.R. Temperature dependence of exchange narrowing in the one-dimensional antiferromagnet N(CH₃)₄MnCl₃ (TMMC) 8-52292
- Cheung, W.N.** see Bostock, J. 8-67793
- Chevalier, B.**, Etourneau, J., Portier, J., Hagenmuller, P., Georges, R., Goodenough, J.B. Magnetic and electric properties of EuO_{1-x}N_x ferromagnetic semiconductor 8-79993
- Chevalier, B.** see Cros, C. 8-84421
- Chevalier, C.** see Illovaitsky, S.A. 8-73773
- Chevalier, J.-L.** see Freze, R. 8-91412
- Chevalier, P.A.** see Greenleaf, J.F. 8-92664
- Chevalier, R.** see Baud, G. 8-76615
- Chevalier, R.** see Besse, J.P. 8-51511
- Chevalier, R.** see Cousson, A. 8-63702
- Chevalier, R.** see Fauvet, G. 8-51524
- Chevalier, R.** see Meyer, P. 8-55846
- Chevalier, R.A.**, Oegerle, W.R., Scott, J.S. Further studies of partial acceleration in Casiopeia A 8-57606
- Chevalier, R.A.** see Kirshner, R.P. 8-73747
- Chevalier, R.A.** see Klein, R.I. 8-93287
- Chevalier, R.A.** see Scott, J.S. 8-53775
- Chevallier, J.** see Marine, J. 8-68553
- Chevallier, J.** see Vodopyanov, L.K. 8-60433
- Chevallier, J.** see Zigone, M. 8-60468
- Chevallier, J.-P.** see Capelier, C. 8-67293
- Chevallier, M.** see Badelek, B. 8-90011
- Chevallier, M.** see Burq, J.P. 8-82569, 8-89741
- Chevarier, A.** see Billerey, R. 8-58304
- Chevarier, N.** see Billerey, R. 8-58304
- Chevarin, B.** see Barbarin, F. 8-75546, 8-76314
- Chevillard, J.-P.**, Giraudet, R. Vibration-rotation spectrum of nitric acid, ν₃ and 2ν₉ bands 8-50543
- Chevokina, V.K.** see Kil'pio, A.V. 8-86747
- Chevray, R.**, Tutu, N.K. Conditional measurements in a heated turbulent jet 8-94784
- Chevray, R.** see Venkataramani, K.S. 8-59393
- Chevrel, R.** see Sergeant, M. 8-52119
- Chevretton, M.** see Illovaitsky, S.A. 8-73773
- Chevrier, J.-C.** see Archambault, P. 8-64562
- Chevy, A.**, Gouskov, A., Besson, J.M. Growth of crystalline slabs of layered InSe by the Czochralski method 8-68619
- Chevy, A.** see Camassel, J. 8-88352
- Chew, G.F.**, Finkelstein, J., Sursok, J.-P., Weissmann, G. Ordered hadron S-matrix 8-62322
- Chew, G.F.**, Rosenzweig, C. Dual topological unitarization: an ordered approach to hadron theory 8-62381
- Chew, H.** see Kerker, M. 8-63010
- Chew, H.A.M.** see Sivakumar, T.C. 8-95582
- Chew, S.H.**, Lowe, J. Excitation functions and angular distributions for ¹³C(³He,p)¹⁵N for E_{3He}=3.6-6.6 MeV 8-93942
- Chew, S.H.**, Lowe, J., Nelson, J.M., Barnett, A.R. Resonance structure in ¹⁵N(p,n)¹⁶O in the region E_p=8.5-19.0 MeV 8-50164
- Chew, Y.T.** Two-parameter skin-friction formula for adiabatic compressible flow 8-51188
- Chezganova, A.Y.** see Bobykin, B.V. 8-72705
- Chhipa, G.M.**, Kotadia, K.M. Electron density and recombination coefficient profiles obtained in relation to ionospheric absorption and rocket measurements 8-69559
- Chi, G.C.**, Chen, H.S., Miller, C.E. The influence of quenching procedures on the kinetics of embrittlement in a Fe₄₀Ni₄₀B₂₀ metallic glass 8-68766
- Chi, G.C.**, Schatz, R.J. Microstructures in amorphous Nb₃Ge films 8-72035
- Chi, J.W.H.**, Grimble, R.E., Hanson, J.P. MHD effects of liquid metal coolants in the blanket of the Tokamak hybrid breeder 8-74481
- Chi, J.W.H.**, Murphy, J.H., Jones, C.K. Selection of a cryostabilized Nb₃Sn conductor cooling system for the Large Coil Program 8-50393
- Chi, J.W.H.** see Howland, H.R. 8-70640
- Chi, M.** see Mardix, S. 8-68047
- Chi, M.C.** see Alben, R. 8-68223
- Chi Chao** see Chao Chi
- Chi Chen** Tien see Tien Chi Chen
- Chi Chou** Pei see Pei Chi Chou
- Chi Hsu** Chung see Chung Chi Hsu
- Chi Kuang-Ta** see Kung Chang-Teh 8-80090
- Chi Lin** Hsu see Hsu Chi Lin
- Chi Mely** Chen see Mely Chen Chi
- Chi Xu** see Xu Chi
- Chi-Chang** Sun see Sun Chi-Chang
- Chi-Chao** Wu see Burton, W.M. 8-65632
- Chi-Chao** Wu see Kondo, Y. 8-57577

- Chi-chung Wen *see* Wen Chi-chung
- Chi-hsun Luo *see* Luo Chi-hsun
- Chi-kung Tsai *see* Tsai Chi-kung
- Chi-Ming Chan**, Thiel, P.A., Yates, J.T., Jr., Weinberg, W.H. The geometrical and vibrational properties of the Rh(111) surface 8-87852
- Chia K'e-ch'ang** *see* Mao Ting-te 8-95703
- Chia Kwei Peng *see* Peng Chia Kwei
- Chia Tze Hsiung *see* Hsiung Chia Tze
- Chia-Chih Ou** *see* Fawcett, T.G. 8-74787
- Chia-mao Han *see* Han Chia-mao
- Chia-Ren Hu**, Hám, T.E., Saslow, W.M. Solutions of several $^3\text{He-A}$ textures bearing surface singularities 8-79841
- Chia-Wei Woo** *see* Lin-Liu, Y.R. 8-82301
- Chia-Wei Woo** *see* Mackie, F.D. 8-67882, 8-87837
- Chia-Wei Woo** *see* Rajan, V.T. 8-49757
- Chia-Wei Woo** *see* Senbetu, L. 8-67646
- Chia-Yong Tang *see* Tang Chia-Yong
- Chia-Yu Wang** *see* Chau-Chin Wei 8-95623
- Chiabrera**, A., Loiaconi, O., Vernazza, G., Viviani, R., Mela, G.S. Communication rule among peripheral leukocytes and leukopoietic and reserve pools in human beings 8-56956
- Chiakwelu**, O. Transverse current correlations in the classical one-component plasma 8-94892
- Chiang**, C. On the nerve impulse equation: the dynamic responses of nerve impulse 8-64972
- Chiang**, C.C. *see* Capri, A.Z. 8-62323, 8-66047
- Chiang**, C.K., Gau, S.C., Fincher, C.R., Jr., Park, Y.W., MacDiarmid, A.G., Heeger, A.J. Polyacetylene, (CH)_x: n-type and p-type doping and compensation 8-76070
- Chiang**, F.P. Application of laser speckles to nondestructive evaluation 8-60976
- Chiang**, H.C. *see* Chiu, D.S. 8-82299
- Chiang**, I.-H. *see* Carroll, A.S. 8-89757
- Chiang**, K.P. *see* Chen, Y.C. 8-79078
- Chiang**, T.C., Salvi, P., Davies, J., Shen, Y.R. Multi-magnon luminescence sidebands in antiferromagnets 8-76525
- Chiang**, T.C., Salvi, P.R., Davies, J., Shen, Y.R. One-magnon luminescence sidebands of the excitonic transition in MnF₂ 8-60517
- Chiang**, T.T., DeSilva, A.W. Experimental study of the axial ion energy distribution in a fast theta pinch 8-59655
- Chiang**, T.T., DeSilva, A.W. Radial ion energy measurements in a fast theta pinch 8-67412
- Chiang**, Y.S. Silicon epitaxial growth via dichlorosilane in a barrel reactor 8-52685
- Chiang Ming-Chien** A quantitative relationship between molecular structure and physicochemical properties. I. The rule of homologous linearity for the energies of molecular orbitals and related properties 8-58569
- Chiang Wang Tzu *see* Wang Tzu Chiang
- Chiang Yuen-Sheng *see* Yuen-Sheng Chiang
- Chiao-Yao She** *see* Reintjes, J. 8-83033
- Chiaradia**, M.D. *see* Cutts, D. 8-89746
- Chiaradia**, M.T. *see* Anelli, E.F. 8-82585
- Chiaradia**, M.T. *see* Cutts, D. 8-78380
- Chiaradia**, P., Chiarotti, G., Nannarone, S., Sasaroli, P. Surface states on Si(111)2 \times 1 detected by external reflectivity 8-80036
- Chiari**, G., Facchinelli, A., Bruno, E. Anorthite quenched from 1530°C. II. Discussion 8-63700
- Chiarotti**, G. *see* Chiaradia, P. 8-80036
- Chiaruttini**, C., Livieratos, E. Oceanic loading on European laser-ranging sites 8-85462
- Chiavarini**, R.L. *see* Thornbury, J.R. 8-73229
- Chiavassa**, E. *see* Bonazzola, G.C. 8-74402
- Chiba**, K. *see* Maeda, M. 8-74920
- Chiba**, K. *see* Sasaki, G. 8-89085
- Chiba**, K. *see* Tsunoda, T. 8-79858
- Chiba**, M. *see* Toshioka, K. 8-93885
- Chiba**, R., Shibasaki, S., Numao, T., Yokota, H., Yamada, S., Kotajima, K., Itagaki, S., Iwasaki, S., Takeda, T., Shinozuka, T. Super-lowed Fermi beta transition of ^{62}Ga 8-78320
- Chiba**, R., Shibata, S., Shimizu, M. Isotope separation by axial flow turbo machine. II. Experimental study of argon isotopes by model machine 8-78500
- Chiba**, T. Development of surface acoustic wave tapped delay line suppressing reflection from interdigital transducers 8-63247
- Chiba**, T. *see* Togami, Y. 8-71058, 8-71238
- Chibisov**, A.K. *see* Andreyeva, N.Ye. 8-76991
- Chibisov**, K.V. Long wave impurity photosensitivity of emulsions and its role in spectral sensitization 8-49925
- Chibisov**, M.I. On excitation transfer in slow collisions between identical particles 8-78799
- Chibisov**, M.I. *see* Zhdanov, V.P. 8-66667
- Chicaud**, R. *see* Buisson, R. 8-52157
- Chich Yuan Peng** *see* Hsueh, Y. 8-85581
- Chichinadze**, V.V. *see* Barkhudarov, E.M. 8-71617
- Chichiwa**, H. *see* Asaoka, T. 8-78440
- Chichkan**, L.A. *see* Baranenko, V.I. 8-94527
- Chick**, S.W.K., Loveland, W. Hydrospheric trace elements and their application in tracing water pollutants 8-85266
- Chickering**, R.W. The nuclear breeder: an essential energy investment 8-78512
- Chida**, T. *see* Bingo, K. 8-74511
- Chidambaram**, R. *see* Sequeira, A. 8-55787
- Chidichimo**, G., Lelj, F., Barili, P.L., Veracini, C.A. The r₁ structure of 1,2,5-sele-nadiazole partially oriented in ordered mesophases as determined by PMR spectra including ^{13}C and ^{77}Se satellites 8-58719
- Chie Yeh Kung *see* Kung Chie Yeh
- Chiellini**, E. *see* Houben, J.L. 8-84647
- Chien**, C.L., Hasegawa, R. Mossbauer study of glassy alloys (Fe-Mo)₈₀B₂₀ 8-68428
- Chien**, C.W.T., Dalby, F.W., Van Der Linde, J. Radiative lifetimes and hyperfine constants for the 3d complex of molecular hydrogen 8-70873
- Chien Wang *see* Wang Chien
- Chien-er Lee**, Jung-Kai Hong Pseudoscalar transition between a spin-J and a spin-5/2 baryon 8-50032
- Chien-Hua Tsai *see* Tsai Chien-Hua
- Chien-Ping Lee** *see* Margalit, S. 8-88026
- Chien-Shu Luo** *see* Tsang-Lang Lin 8-61128
- Chien-Wu Wu *see* Wu Chien-Wu
- Chierchia**, S. *see* Marchesi, C. 8-85436
- Chigir**, N.A. *see* Vartanyan, T.A. 8-87101
- Chigrinov**, S.E. *see* Ilijinov, A.S. 8-70579
- Chih Chen *see* Chen Chih
- Chih-Bing Ling** Stress analysis of edge notches 8-94621
- Chih-ming Ho** *see* Wignanski, I. 8-75243
- Chih-sheng An *see* An Chih-sheng
- Chiha**, P.A., Clarke, R.H. Triplet-state intersystem crossing rates from optically detected magnetic resonance spectroscopy 8-78735
- Chihara**, H., Nakamura, N. On the phase transition of chloranil (2,3,5,6-tetrachloro-p-benzoquinone) 8-59944
- Chihara**, H. *see* Atake, T. 8-71850
- Chihara**, J. Nonlocal exchange-correlation potential for inhomogeneous electron gas and quantum fluids 8-65870
- Chii-Ming Wu**, Yang, E.S. Physical mechanisms of carrier leakage in DH injection lasers 8-66824
- Chikada**, Y. *see* Fukui, Y. 8-73750
- Chikasa Uenosono** *see* Chul-Han Oh 8-79483
- Chikashige**, Y. *see* Akama, K. 8-65850
- Chikashige**, Y. *see* Terazawa, H. 8-62345
- Chikazumi**, S., Miura, N., Kido, G. Experiments on magnetic properties in high magnetic fields 8-52303
- Chikazumi**, S., Miura, N., Kido, G., Akihiro, M. Production of magnetic fields in megagauss region and related measuring techniques 8-93739
- Chikazumi**, S. *see* Matsui, M. 8-83980
- Chikhachev**, A.S. Limiting current of a conical beam 8-90348
- Chikirdin**, E.G., Astrakhantsev, F.A. A systems approach to the scale of equipment for roentgenological investigations 8-57064
- Chikirdin**, E.G. *see* Maktaz, I.P. 8-57058
- Chikkur**, G.C., Umakantha, N. Energy transfer and quenching studies in organic liquid scintillators under ultraviolet excitation 8-64395
- Chikova**, L.O. *see* Basina, Yu.V. 8-93063
- Chikovani**, Z.E. *see* Bugrij, A.I. 8-89686
- Chiladze**, B.G. *see* Amaglobeli, N.S. 8-54652
- Chilaya**, G.S., Aronishidze, S.N., Vinokur, K.D., Mkhatriushvili, M.D., Brodzeli, M.I. Nematic cholesteric mixtures 8-79529
- Chilaya**, G.S. *see* Kapustina, O.A. 8-94992
- Child**, H.R. *see* Wakabayashi, N. 8-68195
- Child**, M.S., Lefebvre, R. Predissociation at intermediate coupling strengths 8-50601
- Child**, M.S. *see* Hunt, P.M. 8-94287
- Childress**, S. Convective dynamos 8-89090
- Childress**, S. *see* Lee-Franzini, J. 8-70513
- Childress**, S. *see* Oliver, W.P. 8-89857
- Childress**, S. *see* Schamberger, R.D., Jr. 8-58215
- Childs**, K.W. *see* Giles, G.E., Jr. 8-94083
- Childs**, P.E., Halstead, T.K., Howe, A.T., Shilton, M.G. NMR study of hydrogen motion in hydrogen uranyl phosphate (HUP) and hydrogen uranyl arsenate (HUAs) 8-80239
- Childs**, R.J. *see* Cobb, M. 8-78769
- Childs**, W.J. *see* Goddard, D.M. 8-52753
- Chilingaran**, Yu.S. *see* Arakelyan, S.M. 8-90457
- Chilingaryan**, Yu.S. *see* Azizbekyan, G.V. 8-50550
- Chilton**, A.B. A note on the fluence concept 8-77837
- Chilton**, F., Wood, L., Buntzen, R. Electric and magnetic sensing systems: applications 8-69538
- Chilwell**, J.T., Hodgkinson, I.J. Local surface deformation of optical flats in contact at a dust particle 8-77970
- Chimczak**, E. *see* Wallentynowicz, E. 8-68564
- Chimenti**, D.E., Wener, H.G. Modified reentrant Dewar for magneto-optical flux detection in superconductors 8-89486
- Chimoskey**, J.E., O'Bannon, W., Cant, J.R., Walker, W.F., Eskin, S.G., Noon, G.P., DeBakey, M.E. Recent experience with the Baylor left ventricular bypass pump 8-73295
- Chin**, B.A., Straalsund, J.L. The effect of a temperature change on the in-reactor creep of 20% cold worked AISI 316 stainless steel 8-72816
- Chin**, B.A., Straalsund, J.L., Wire, G.L. Irradiation creep of previously irradiated 304 stainless steel in a fast flux environment 8-80600
- Chin**, E.H. Modeling daily precipitation occurrence process with Markov chain 8-61464
- Chin**, G.Y., Wernick, J.H., Geballe, T.H., Mahajan, S., Nakahara, S. Hardness and bonding in A15 superconducting compounds 8-76199
- Chin**, G.Y. *see* Bushchow, K.H.J. 8-60652
- Chin**, G.Y. *see* Eibschutz, M. 8-88116
- Chin**, J.C. *see* Wall, F.T. 8-65874, 8-94345
- Chin**, J.F.S. *see* Miller, J.M. 8-88879
- Chin**, J.S. *see* Blink, J.A. 8-58411
- Chin**, K.K., Gay, R.K.L., Chua, S.H., Chan, C.H., Ho, S.Y. Solution of water networks by sparse matrix methods 8-85614
- Chin**, K.A. *see* Gay, R.K.L. 8-85613
- Chin**, M.A. *see* Narayanamurti, V. 8-95273
- Chin**, R., Holonyak, N., Jr., Kolbas, R.M., Rossi, J.A., Keune, D.L., Groves, W.O. Single thin-active-layer visible-spectrum In_{1-x}Ga_xP_{1-x}As₂ heterostructure lasers 8-63120
- Chin**, S.C. *see* Watson, D.B. 8-84526
- Chin**, W.C. Some singular aspects of three-dimensional transonic flow 8-63445
- Chin**, W.C. Supersonic wave drag of planar singularity distributions 8-83430
- Chin**, W.C. Nonlinear formulation for low-frequency transonic flow 8-94761
- Chin**, W.C. Similar solutions for unsteady transonic flow 8-94762
- Chin-kun Hu** *see* Yee-Yen Lee 8-66102
- Chincarini**, G. Galaxy clustering spectrum and cosmic luminosity 8-81696
- Chincholkar**, V.S. *see* Patil, P.V. 8-83791
- Ching**, B.K. *see* Chiu, Y.T. 8-81290
- Ching**, C.S.Y. *see* Cardillo, M.J. 8-72675
- Ching**, N.P. *see* Thomas, L.J. 8-88941
- Ching**, W.Y., Huber, D.L. Zero temperature dynamic structure factor for a classical RKKY model of CuMn 8-68271
- Ching**, W.Y., Huber, D.L., Barnett, B. Models for the time development of spectral transfer in disordered systems 8-84643
- Ching**, W.Y., Huber, D.L., Fishkis, M., Lagally, M.G. Monte Carlo modeling of phase changes in the chemisorption system O/W(110) 8-71969
- Ching Chu *see* Chu Ching
- Ching Jen Chen** Low temperatures simulation of subliming boundary-layer flow in Jupiter atmosphere 8-65545
- Ching Lu Bo *see* Bo Ching Lu
- Ching-Jen Chen**, Rodi, W. On decay of vertical buoyant jets in uniform environment 8-90905
- Ching-Lung Ko**, Box, H.C. Exchangeable proton couplings in free radicals: radiation products of hydroxyproline HCl 8-76883
- Ching-Lung Ko** *see* Wells, J.W. 8-96016
- Ching-Yen Tsay**, Kao, S.-K. Linear and nonlinear contributions to the growth and decay of the large-scale atmospheric waves and jet stream 8-57280
- Ching-Yeu Wei**, Seidman, D.N. Novel Faraday cup for the simultaneous observation and measurement of ion-beam currents 8-49865
- Ching-Yeu Wei**, Seidman, D.N. Direct observation of the vacancy structure of a (220) platelet in an ion-irradiated platinum-4.0 at. % gold alloy 8-51534
- Chinkov**, E.P. *see* Skreblukov, A.E. 8-92123
- Chinlon Lin** *see* Stolen, R.H. 8-66874
- Chinlon Lin** *see* Tomlinson, W.J. 8-55451
- Chinn**, M.D. *see* Shaw, C.G. 8-95233
- Chinnov**, V.F. *see* Batenin, V.M. 8-67483
- Chinone**, N., Aiki, K., Nakamura, M., Ito, R. Effects of lateral mode and carrier density profile on dynamic behaviors of semiconductor lasers 8-82968
- Chinowsky**, W. Psionic matter 8-82208
- Chinowsky**, W. *see* Himel, T. 8-78157
- Chinowsky**, W. *see* Jaros, J.A. 8-50042
- Chinowsky**, W. *see* Peruzzi, I. 8-74252
- Chinowsky**, W. *see* Tanenbaum, W. 8-66113
- Chiodelli**, G., Magistis, A., Schiraldi, A. A new ionic conductor from AgI and Ag₂O.B₂O₃ 8-95181
- Chioin**, R. *see* Zanella, G. 8-92699
- Chiosi**, C., Nasi, E. Convective shells and the core He-burning phase of massive stars 8-93207
- Chiou**, C.Y. *see* Chang, H. 8-55003
- Chiou**, J.P. The effect of longitudinal heat conduction on crossflow heat exchanger 8-90645
- Chiovato**, O., Di Pasquantonio, F. A new version of the GGC code developed utilizing an advanced intermediate resonance method and including a modified THERMOS code 8-58323
- Chipman**, D.M. Ionization potentials of H₂O from valence bond and molecular orbital wave functions 8-82616

- Chipman, D.M. Effect of molecular geometry on the electron affinity of water 8-82618
- Chipman, D.M. Assignment of states in the valence photoelectron spectrum of H_2S 8-94284
- Chipman, D.M. *see* Liu, B. 8-90091
- Chipman, E.G. OSO 8 observations of wave propagation in the solar chromosphere and transition region 8-93183
- Chipman, E.G. *see* Lites, B.W. 8-53896
- Chipman, E.G. *see* Shine, R.A. 8-93178
- Chippfield, C.G. A summary and comparison of J estimation procedures 8-85088
- Chirapatimol, N. *see* Stetz, A. 8-74247
- Chirardi, G.C., Omero, C., Rimini, A., Weber, T. The stochastic interpretation of quantum mechanics: A critical review 8-70056
- Chirgadzhe, Yu.N. *see* Agapov, P.P. 8-73980
- Chirigos, J.N., Meyer, T.A. Influence of material property variations on the assessment of structural integrity of nuclear components 8-89953
- Chirkov, B.V. The problem of the stability of charged particle motion in a magnetic trap 8-71519
- Chirkov, A.K. *see* Gubanov, V.A. 8-63976, 8-64443
- Chirkov, A.K. *see* Zolotuhina, L.V. 8-52367
- Chirkov, I.M. *see* Gusenkova, G.N. 8-59264
- Chirkov, V.M. *see* Kulik, N.G. 8-50886
- Chirkov, V.N., Aliev, D.F., Radzhabov, G.M., Zeinaly, A.Kh. Electrohydrodynamic instability and the anisotropy of electric conductivity in the smectic A-phase of liquid crystals 8-59753
- Chirkov, V.N., Aliev, D.F., Zeinaly, A.Kh. Characteristics of the 'memory' effect in nematic-cholesteric mixtures 8-94993
- Chirkov, V.P. Method of measuring the magnetic permeability of a ferrite 8-57994
- Chirkov, Yu.G. Estimate of the percolation problem. V. The asymptotic method; the diagram technique 8-79374
- Chirkov, Yu.G. Estimate of the percolation problem. VI. Semiinfinite porous media 8-93621
- Chirovsky, L.M. *see* Wang, G.W. 8-86505, 8-90050
- Chisaka, F. *see* Shimada, I. 8-88648
- Chishaki, T., Yang, S.-D., Numata, M. Non-steady flow of groundwater through a tunnel 8-92861
- Chishaki, T. *see* Yang, S.D. 8-96251
- Chishko, K.A. *see* Natsik, V.D. 8-78756
- Chishko, V.F. *see* Bakumenko, V.L. 8-56222
- Chisholm, A. *see* Brock, J.E. 8-62544
- Chisholm, A.J. *see* Isaac, G.A. 8-57352
- Chisholm, D. Heat pipes with headers and single and two-phase artery systems 8-90981
- Chisholm, D. Heat pipes with header and artery systems 8-94679
- Chisholm, D., Grant, I.D.R., Duncan, P.J. Condenser operated inverse thermosiphons 8-94534
- Chisholm, J.S.R. Multivariate approximants with branch points. II. Off-diagonal approximants 8-54160
- Chisholm, K.L. *see* Iverson, S.L. 8-86678
- Chisleag, R.Gh., Popescu, O.I. On using holographic interferometry to study the behaviour of high precision length measurement devices 8-49796
- Chisler, E.V. *see* Goncharuk, I.N. 8-76402, 8-87752
- Chistov, E.F. *see* Yurchenko, Yu.F. 8-74962
- Chistovich, L.A. *see* Kozhevnikov, V.A. 8-96057
- Chistyakov, E.S. *see* Butenko, A.N. 8-59448
- Chistyakov, E.S. *see* Potekhin, Yu.G. 8-91041
- Chistyakov, N.S. *see* Berzhanskii, V.N. 8-88192
- Chistyakov, N.S. *see* Ignatchenko, V.A. 8-88196
- Chistyakov, V.A. *see* Matveev, V.A. 8-75092
- Chisty, L.L., Csilag, L., Kitaeva, V.F., Kroo, N., Sobolev, N.N. Investigation of molecular light scattering in $PbMoO_4$ 8-60480
- Chisty, L.L., Kitaeva, V.F., Sobolev, N.N., Csilag, L., Kroo, N. Investigation of molecular light scattering in $PbMoO_4$ 8-72537
- Chitgopkar, V.J. *see* Kaulgud, M.V. 8-74808
- Chitre, D.M. Characterization of certain stationary solutions of Einstein's equations 8-65835
- Chitre, D.M. *see* Kinnersley, W. 8-65838, 8-86206
- Chitre, S.M. *see* Antia, H.M. 8-77553
- Chiu, C., Kaul, R., Takasugi, E. Single meron configuration in transverse gauge 8-74145
- Chiu, C.B., Matsuda, S. Intermediate mass distribution of the dual resonance pomeron 8-50020
- Chiu, C.B., Tow, D.M. Real and imaginary parts of hadronic amplitudes, diffractive contribution and the Chew-Rosenzweig pomeron 8-62382
- Chiu, D.S. *see* Rahalkar, R.R. 8-78844
- Chiu, H.-Y., Collins, W. A spectroradiometer for airborne remote sensing 8-88943
- Chiu, S.T. *see* Brussat, T.R. 8-92346
- Chiu, Y.P. On the stress field due to initial strains in a cuboid surrounded by an infinite elastic space 8-55565
- Chiu, Y.T., Ching, B.K. The response of atmospheric and lower ionospheric layer structures to gravity waves 8-81290
- Chiu Jih-Hung *see* Jih-Hung Chiu
- Chiu Ying-Nan *see* Ying-Nan Chiu
- Chiu-Lian Liu *see* Carr, T.W. 8-86379
- Chiu-Nan Lai *see* Garland, C.W. 8-91382
- Chiu-ping Li *see* Li Chiu-ping
- Chiuderi, C. The solar corona and the origin of the solar wind 8-81605
- Chiuderi, C. The mechanism of flares 8-96463
- Chiue, S.C. *see* Maa, J.S. 8-92189
- Chivers, D.J. *see* Beanland, D.G. 8-95074
- Chivers, D.J. *see* Freeman, J.H. 8-89588, 8-89595
- Chivers, I.D., Jackson, D.F. Physics CAL packages—modes of use in the Computational Physics Laboratory at Surrey and conditions for success 8-81756
- Chivers, R.C., Parry, R.J. Ultrasonic velocity and attenuation in mammalian tissues 8-57044
- Chivers, T., Gilmour, E., Kydd, R.A. Vibrational spectra of sulphur-doped borate glasses 8-68502
- Chivilkhin, S.A. *see* Gol'tsiker, A.D. 8-51227
- Chivington, E.P., Clement, D.M., Wuller, C.E., Madle, P.J. Investigations of nonlinearities and multiple exposure anomalies of shielded cables at CASINO 8-58502
- Chiwaki, M. *see* Mikado, T. 8-78502
- Chiwaki, M. *see* Tomimatsu, T. 8-78501, 8-78515
- Chiwaki, M. *see* Yamazaki, T. 8-78503
- Chizhevskii, V.N. *see* Ilev, G.D. 8-57956
- Chizhikov, V.A., Ermakova, L.V. Optical design of pancratic sights for sporting and hunting guns 8-71192
- Chizhikov, Yu.M. Some aspects of the theory of rolling in the light of the theory of similarity 8-80556
- Chizhikova, Z.A. *see* Galanin, M.D. 8-71134
- Chizhov, A.N., Glushnev, V.G., Slutsker, B.D. A pulsed radar method of measuring ice-cover thickness 8-92862
- Chizhov, O.S. *see* Burlingame, A.L. 8-85226
- Chizhov, P.E. *see* Kostyogov, A.N. 8-60317
- Chizhov, V.E. *see* Golovin, A.M. 8-67254, 8-67259, 8-76935
- Chizmadzhev, Yu.A. *see* Ait'yan, S.Kh. 8-69022
- Chizmadzhev, Yu.A. *see* Markin, V.S. 8-85306
- Chkareuli, Dzh.L. Leptons and quarks in quaternum model 8-62315
- Chlebowska, D., Jaskola, M. A study of the $^{144}Nd(d,t)^{143}Nd$ reaction and unified model interpretation of the states of the ^{143}Nd nucleus 8-89791
- Chlebowski, J.F. *see* Armitage, I.M. 8-68999
- Chlebowski, T. *see* Semeniuk, I. 8-61862
- Chliapnikov, P.V. *see* Ajinenko, I.V. 8-58206
- Chliapnikov, P.V. *see* Granet, P. 8-93913
- Chlouber, C., Samuel, M.A. Corrections to the sixth-order anomalous magnetic moment of the muon 8-74190
- Chlouber, C., Samuel, M.A. Accurate computation of fourth-order vacuum polarization 8-89639
- Chludzinski, J. *see* Miyakoda, K. 8-57282
- Chmel, A. *see* Baptizmanski, V.V. 8-52491
- Chmela, P. Critical comparison of quantum-mechanical and classical descriptions of non-linear optical processes 8-59079
- Chmiel, H. *see* Mauser, R. 8-85348
- Chmielewski, G.E., Hoffman, G.H. Finite-difference solution of an elliptic partial differential equation with discontinuous coefficients 8-89347
- Chmura, K. Functional relation between terrestrial heat flux and mechanical characteristics of rocks in vertical orogenic profile 8-81123
- Chmyr', G.L., Kuzemko, A.M. Convergence of a method of calculating flow around a lattice for a variable thickness boundary 8-63443
- Chmyrev, V.M. *see* Kapitanov, V.Ya. 8-77420
- Cho, A.Y., Dernier, P.D. Single-crystal-aluminum Schottky-barrier diodes prepared by molecular-beam epitaxy (MBE) on GaAs 8-72257
- Cho, A.Y. *see* Casey, H.C., Jr. 8-64115, 8-95371
- Cho, A.Y. *see* Tsang, W.T. 8-56590
- Cho, C., Ozisik, M.N. Effects of radiation on the melting of a semi-transparent, semi-infinite medium 8-94590
- Cho, D.H. *see* Chan, S.H. 8-94573
- Cho, H.-R. Some statistical properties of a homogeneous and stationary shallow cumulus cloud field 8-73434
- Cho, K. Reflectance spectrum of multi-component polaritons 8-87921
- Cho, S.-A., Puerta, M. Fusion transitions and Debye characteristic temperatures of metals 8-63864
- Cho, S.H., Wait, J.R. Electromagnetic wave propagation in a laterally nonuniform troposphere 8-57267
- Cho, Y. *see* Engler, A. 8-93875
- Cho, Y.M. CP violation in vector-like theories of weak interaction 8-62333
- Cho Byung-Ha *see* Byung-Ha Cho
- Cho Chul *see* Chul Cho
- Chock, D.P. On eddy convection velocity

- Chopra, K.L.** Thin films, surfaces and vacuum 8-86280
- Chopra, K.L., Pandya, D.K.** Thin film thermal device applications 8-70189
- Chopra, K.L., Thakoor, A.P.** Thermoelectric power of Cu-based dilute alloy films 8-68096
- Chopra, K.L.** *see* Banerjee, A. 8-52666
- Chopra, K.L.** *see* Das, S.R. 8-76602
- Chopra, K.L.** *see* Dutta, V. 8-76173
- Chopra, K.L.** *see* Randhawa, H.S. 8-80212
- Chopra, K.L.** *see* Rao, T.V. 8-51837
- Chopra, K.S.** Interlaboratory measurements of amphibole and chrysotile fiber concentration in water 8-88590
- Chopra, O.K., Natesan, K.** Thermodynamic equilibria of multicomponent gas mixtures 8-68909
- Chopra, O.K.** *see* Natesan, K. 8-52916
- Chorayan, O.G.** Determination of the quantity of useful information in the impulse flows or nerve cells 8-69038
- Choriev, B.** *see* Kvasil, J. 8-74310
- Chorin, A.J.** Vortex sheet approximation of boundary layers 8-67201
- Chorlton, F.** The differential equation $dy/dx = (a_1x + b_1y + c_1)/(a_2x + b_2y + c_2)$ 8-77641
- Chorowicz, J.** *see* Beben, J. 8-77238
- Chottiner, G., Glover, R.E., III.** Precursor adsorption of O_2 on tin and the activation energy for chemisorption 8-71950
- Chou, C.C., Milstein, R.J., Smith, W.S., Vera Ruiz, H., Molina, J., Rowland, F.S.** Stratospheric photodissociation of several saturated perhalo chlorofluorocarbon compounds in current technological use (fluorocarbons-13, -113, -114, and -115) 8-53703
- Chou, C.-P.** *see* O'Handley, R.C. 8-68352
- Chou, H.-h.** *see* Feldman, B.J. 8-60062
- Chou, M.S., Zawadzka, G.A.** Discharge studies of rare-earth halide vapors as potential fusion laser systems 8-63074
- Chou, M.S., Zawadzka, G.A.** Observation of new atomic nitrogen laser transition at 9064 Å 8-74891
- Chou, T.S., Halama, H.J.** Cryocondensation pumping of tritium and its mixtures with D_2 and H_2 8-74492
- Chou, T.T.** Energy dependence of opaqueness for pp collisions at high energies 8-74280
- Chou, T.T.** Impact parameter analysis of pp elastic scattering at $\sqrt{s}=23$ and 62 GeV 8-78217
- Chou, T.T., Chen Ning Yang** Possible existence of a second minimum in elastic pp scattering 8-66159
- Chou, Y.T., Wu, R.S., Wei, R.P.** Time-dependent flow of solute atoms near a crack tip 8-75722
- Chou, Y.T.** *see* Barad, K.M. 8-67041
- Chou An-Chieh** *see* An-Chieh Chou
- Chou Chung-Fong** *see* Cheng-Fong Chou
- Chou Chung-Kwang** *see* Chung-Kwang Chou
- Chou I-Ming** *see* I-Ming Chou
- Chou Jen-Chang** *see* Jen-Chang Chou
- Chou Kuo-Chih** Calculation of partial molal properties of components in ternary and multicomponent systems 8-79784
- Chou Pei Chi** *see* Pei Chi Chou
- Chou Tsu-Wei** *see* Tsu-Wei Chou
- Chou-Mou Huang, Whitaker, M., Biondi, M.A., Johnsen, R.** Electron-temperature dependence of recombination of electrons with $H_3O^+(H_2O)_n$ -series ions 8-82854
- Choudary, U.V., Chang, Y.A.** Gibbs energies of formation of Mn_3C , $M(Fe, Mn)_3C$ and $Mn_{23}C_6$ from the ternary phase equilibria in the Fe-Mn-C system 8-80779
- Choudary, U.V.** *see* Gingerich, K.A. 8-58864
- Choudhary, N., Mishra, P., Pandey, G.N., Tripathi, G.** Gas phase mass transfer in disc and sphere columns 8-94815
- Choudhary, R.C.** Hydromagnetic flow near an oscillating porous flat plate 8-51250
- Choudhary, R.N.P.** *see* Nemes, R.J. 8-79592
- Choudhary, S., Felsen, L.B.** Asymptotic theory of ducted propagation 8-55484
- Choudhary, S., Felsen, L.B.** Guided propagation in graded index fibres 8-66941
- Choudhury, R.K.** Libration points in the generalised elliptic restricted three body problem 8-53799
- Choudhuri, S.** *see* Malhotra, G.L. 8-91561
- Choudhuri, A.** *see* Das, M. 8-63790
- Choudhuri, A.** *see* Sheppard, C.J.R. 8-89535
- Choudhuri, D.K., Paranjape, S.** Universal multiplicity hypothesis of QCD: bounds on quark gluon coupling, quark mass and confinement region 8-74213
- Choudhuri, D.K., Vanryckeghem, L.G.F.** Field-theoretic pattern of violation of scaling in the timelike and spacelike regions 8-66037
- Choudhuri, Km.S.R.** *see* Sarkar, P.C. 8-66528
- Choudhuri, P.N.** Plate thermometer at low and high Prandtl numbers 8-55626
- Choudhury, R.R.** *see* Chakraborty, A.K. 8-90380
- Choudhury, S.** *see* Das, M. 8-63790
- Choudonneret, M.** Boundary integral equation method for viscoplasticity analysis 8-90728
- Chouet, B., Aki, K., Tsujiura, M.** Regional variation of the scaling law of earthquake source spectra 8-92783
- Chouet, B.** *see* Aki, K. 8-73338
- Chougule, B.K., Patil, R.N.** X-ray spectroscopic study of the zirconia-yttria system on the zirconia rich side 8-95617
- Choukroun, S., Launay, J.C., Pouchard, M., Hagenmuller, P., Bouix, J., Hillel, R.** Study of the equilibrium of Ge- I_2 from 700 to 1300K 8-64476
- Choukroun, P.** *see* Hoffert, M. 8-65259
- Choularton, T.W., Latham, J., Mason, B.J.** A possible mechanism of ice splinter production during riming 8-85662
- Choulet, S.** *see* Teisseron, G. 8-60364
- Chouteau, Et.M.** *see* Pham Van Ngoc 8-69285
- Chouteau, G.** *see* Berton, A. 8-84388
- Chouteau, G.** *see* Dumas, J. 8-68268
- Chouteau, G.** *see* Ribault, M. 8-64280
- Chow, A.** *see* Gesser, H.D. 8-92216
- Chow, C.L.** *see* Lau, K.J. 8-67116
- Chow, H.** *see* Rowe, D.J. 8-50112
- Chow, H.C.** Anharmonic effects in the optical absorption and emission by impurities in non-metals 8-56503
- Chow, H.C.** *see* Roshd, M.H.M. 8-82493
- Chow, H.-C.** *see* Barrie, R. 8-56469, 8-56502
- Chow, J.G.Y.** *see* Soo, P. 8-86603
- Chow, K.** *see* Grinberg, J. 8-79141
- Chow, L.R.** *see* Baker, C.R. 8-66975
- Chow, P.L.** On some methods for waves in random media 8-62980
- Chow, T.P.** *see* Machlin, E.S. 8-76182
- Chow, W.L.** *see* Liu, S.K. 8-51179
- Chow, W.L.** *see* Weng, C.H. 8-94764
- Chow C-Lun** *see* C-Lun Chow
- Chow Chuen-Yen** *see* Chuen-Yen Chow
- Chow Lee** *see* Lee Chow
- Chow Pao-Liu** *see* Pao-Liu Chow
- Chowdhury, A.R.** *see* Daftari, I.K. 8-58205
- Chowdhury, M.A., Husain, D.** Kinetic studies of ground state tin atoms, $Sn(Sp^2(P_0))$, by resonance line absorption 8-85128
- Chowdhury, M.R., Peckham, G.E., Saunderson, D.H.** A neutron inelastic scattering study of $LiNbO_3$ 8-56435
- Chowdhury, M.R.** *see* Ryan, R.R. 8-51491
- Chowdhury, R.N., Bertoldi, C.** Residual shear tests on soil from two natural slopes 8-65262
- Chowdhury, S.** *see* Bhattacharyya, S.K. 8-68060
- Chowdry, A.** *see* Mey, W. 8-72191
- Choyke, W.J., Spitznagel, J.A., McGruer, J.N., Lally, J.S.** Momentum transfer and damage energy gradient effects of helium distributions in type 304 stainless steel 8-71773
- Choyke, W.J.** *see* McGruer, J.N. 8-71719
- Choyke, W.J.** *see* Spitznagel, J.A. 8-53074
- Chraplyvy, A.R.** Diode laser spectra with simultaneous frequency calibration 8-89566
- Chraplyvy, A.R., Sievers, A.J.** CO_2 laser saturation of internal-vibrational modes of molecular impurities in alkali halides 8-86922
- Chrenko, R.M.** *see* Massarani, B. 8-51994
- Chrenkova-Paucirova, M.** *see* Felner, P. 8-80529
- Chretien, N.** Stress wave propagation from electrical discharge on cylindrical aluminium rod 8-59866
- Chrichton, R.R., Parfait, R., Engleman, D.M., Haas, J., Koch, M.H.J., Moore, P.B., Stuhmann, H.B.** Contrast variation study of specifically deuterated *Escherichia coli* ribosomal subunits 8-77021
- Chrien, R.E.** *see* Liou, H.I. 8-78371
- Chrien, R.E.** *see* Stelts, M.L. 8-89876
- Christ, A., Gassen, H.J., Noldeke, T., Reichelt, T., Stanek, H.** A liquid 3He target for scattering experiments 8-70663
- Christakidis, D., Rentrop, K.-H.** Investigation of chemical constitution and structure of hydrocarbon resins by gel permeation chromatography 8-64910
- Christen, D.** Least-squares refinement of valence force constants without use of molecular symmetry 8-58656
- Christen, D., Gleisberg, F., Kremer, G., Zeil, W.** Normal coordinate analysis, vibrational spectra, and centrifugal distortion constants of 1,3-dichloropropyne and its monodeuterated species 8-70832
- Christensen, A.** *see* Petrouleas, V. 8-55861
- Christensen, A.B., Rees, M.H., Romick, G.J., Sivjee, G.G.** O I (7774 Å) and O I (8446 Å) emissions in aurora 8-77387
- Christensen, A.N.** *see* Spengler, W. 8-52499
- Christensen, C.G.** Absolute spectral energy distributions and [Fe/H] values of metal-poor stars and globular clusters 8-53937
- Christensen, C.P., Lakin, K.M.** Chemical vapor deposition of silicon using a CO_2 laser 8-56589
- Christensen, C.R.** *see* Guenther, B.D. 8-71053
- Christensen, E.** Generators of semigroups of completely positive maps 8-93545
- Christensen, E.H.** *see* Krause, R.P. 8-54995
- Christensen, E.L.** *see* Hebel, L.C. 8-54863
- Christensen, H.P.** Spectroscopic analysis of lithium terbium tetrafluoride 8-72550
- Christensen, H.P.** Low-cost optical cryostat system 8-77923
- Christensen, J.** Heat cost in a Swedish agrothermal plant 8-86704
- Christensen, J.M., Weinberg, B., Alfonso, P.J.** Productive voice onset time characteristics of esophageal speech 8-77070
- Christensen, N.I.** Ophiolites, seismic velocities and oceanic crustal structure 8-77226
- Christensen, O.** *see* Prahm, L.P. 8-57306
- Christensen, P.R., Folkman, F., Hansen, O., Nathan, O., Trautner, N., Videboek, F., Vander Werf, S.Y., Britt, H.C., Chestnut, R.P., Freiseleben, H., Puhlhofer, F.** Gamma-ray multiplicity moments from deeply inelastic collisions of ^{86}Kr and ^{144}Sm 8-54798
- Christensen, R.B.** *see* Watson, W.D. 8-89239
- Christensen, R.C., Lausch, R.N., St. Jeor, S.C., Rapp, F.** Survival and immunological characteristics of γ -irradiated herpesviruses 8-77089
- Christensen, R.M.** *see* Lo, K.H. 8-63308, 8-63309, 8-83248
- Christensen, S.M.** Regularisation, renormalisation, and covariant geodesic point separation 8-54246
- Christensen, S.M., Duff, M.J.** Axial and conformational anomalies for arbitrary spin in gravity and supergravity 8-70040
- Christian, E.J.B.** *see* Stearner, S.P. 8-80927
- Christian, G.D.** *see* Ho, C.-N. 8-92546
- Christian, L.A., Carrington, C.G., Sandle, W.J., Dodd, J.N.** Time resolved spectroscopy of the 2p-1s transition in neon 8-90103
- Christiano, P.** *see* Alsaiigh, J. 8-63299
- Christiansen, G.** Elementary computer physics, a concentrated one-week course 8-73799
- Christiansen, J.P., Roberts, K.V.** Exact magnetic energy conservation on a nonuniform mesh 8-91080
- Christiansen, J.P., Roberts, K.V., Long, J.W.** ATHENE 1: A one-dimensional equilibrium-diffusion code 8-75401
- Christiansen, P., Gough, P., Martelli, G., Bloch, J.-J., Cornilleau, N., Etcheto, J., Gendrin, R., Jones, D., Beghin, C., Decreau, P.** Geos 1: Identification of natural magnetospheric emissions 8-53774
- Christiansen, P.A., McCullough, E.A., Jr.** Gaussian basis sets for polarizability calculations 8-58865
- Christiansen, P.A., McCullough, E.A., Jr.** Accurate orbital amplitudes at nuclei from Gaussian basis sets 8-74560
- Christiansen, P.G.** *see* Pedrazzini, G.J. 8-86944
- Christiansen, P.L.** *see* Albertsen, N.C. 8-82892
- Christiansen, P.L.** *see* Bach, H. 8-90928
- Christiansen, S.** A review of some integral equations for solving the Saint-Venant torsion problem 8-57780
- Christiansen, S., Hansen, E.B.** Numerical solution of boundary value problems through integral equations 8-81808
- Christiansen, W.A., Scott, J.S., Vestrand, W.T.** The dynamics of relativistic plasmoids and rapidly varying radio sources 8-93438
- Christiansen, W.H.** *see* Alroy, S. 8-63604
- Christianson, D., Fischer, K.-H.** Ultrasonic testing and inspection of steel castings for use at high temperatures in accordance with DIN 17245. The correlation between radiographic examination (to conform to ASTM) and ultrasonic testing 8-88599
- Christidis, T.** *see* Baker, J.M. 8-80247
- Christie, J.** *see* Bain, A.S. 8-86621
- Christie, J.M.** *see* Nord, G.L., Jr. 8-65517
- Christie, J.S., McConnell, G.** A new flexible spectrophotometer for color measurements 8-54428
- Christie, R.H.** *see* Richards, J.C.S. 8-61288
- Christie, R.S.** A low-noise control valve. II 8-54888
- Christie, R.S.** *see* Bohr, A.H. 8-54940
- Christie, R.S.** *see* Foote, V.S. 8-54932
- Christie, W.H., Kollic, T.G., Eby, R.E., Anderson, R.L.** Ion microprobe investigation of large decalibrations in Inconel-sheathed magnesia-insulated platinum-rhodium/platinum thermocouple assemblies during use at 1200°C 8-57957
- Christie, W.H., Smith, D.H., Eby, R.E., Carter, J.A.** Quantification of SIMS data results, problems, and promises 8-76942
- Christie, W.H.** *see* Gentry, R.V. 8-81157
- Christie, W.H.** *see* Narayan, J. 8-87690
- Christinaz, D.** *see* Colby, K.M. 8-92745
- Christman, N.T.** *see* Hamilton, L.H. 8-61223
- Christmann, L., Weber, G.** Description of the connection between shear stress and shear velocity measured for polyethylenes of high density 8-67162
- Christmann, M., Papin, G., Sadeghi, N.** Study of the systems M_2CO_3 - $SrCO_3$ ($M=Li, Na$ and K): Evidence of a new compound $K_2Sr(CO_3)_2$ 8-95033

- Christodoulides, C.E.** Impurity redistribution in Pb implanted and annealed silicon 8-75689
- Christodoulou, N.** *see* Jonas, J.J. 8-67061, 8-79233
- Christoe, C.W.** *see* Iqbal, Z. 8-80362
- Christoffersen, B.K.**, Licht, T.R. Acoustic emission transducers: evaluation of construction principles 8-59239
- Christoffersen, J.**, Christoffersen, M.R., Kjaergaard, N. The kinetics of dissolution of calcium hydroxyapatite in water at constant pH 8-59949
- Christoffersen, M.R.** *see* Christoffersen, J. 8-59949
- Christoffersen, R.E.** *see* Petke, J.D. 8-78639
- Christopher, J.E.**, Darley, H.M. Zero bias resistance peak in compensated germanium tunnel junctions 8-72258
- Christophorou, L.G.** Elementary electron-molecule interactions and negative ion resonances at subexcitation energies and their significance in gaseous dielectrics 8-75480
- Christophorou, L.G.** *see* McCorkle, D.L. 8-87427
- Christou, A.**, Davey, J.E., Tseng, W. Crystalline defects in solid phase epitaxy Si films deposited at elevated temperatures 8-63942
- Christou, A.** *see* Anderson, W.T., Jr. 8-68086, 8-88027
- Christov, K.** Radiation-induced thyroid tumors in infant rats 8-65096
- Christov, N.N.** Resonance radiation in the cold cathode region of a glow discharge in argon 8-59703
- Christy, J.W.** Spectrophotometry of low-luminosity stars with the Carnegie image tube 8-57466
- Christy, J.W.**, Harrington, R.S. The satellite of Pluto 8-85900
- Christy, J.W.** *see* Walker, R.L. 8-81573
- Christy, R.W.** *see* Nestell, J.E., Jr. 8-72021
- Chronoviat, F.M.** *see* Slater, W.E. 8-86729
- Chrostowski, J.** Two photon absorption of randomly phase modulated laser beam 8-55400
- Chrostowski, J.**, Zardecki, A. The effect of occupation number fluctuations on partially developed speckle patterns 8-74842
- Chruslow, E.** *see* Lvov, V. 8-94804
- Chrysomallis, G.S.**, Drickamer, H.G., Weber, G. The measurement of fluorescence polarization at high pressure 8-66576
- Chu, B.** *see* Gulari, E. 8-54464
- Chu, B.** *see* Ohbayashi, K. 8-72532
- Chu, C.** *see* Chu, M.S. 8-75298
- Chu, C.S.** *see* Anderson, J.M. 8-92348
- Chu, C.W.**, Diatschenko, V. Study of transforming and nontransforming V_3Si up to 29 kbar 8-80086
- Chu, C.W.** *see* Wang, R.H. 8-68127
- Chu, E.**, Druce, R., Gordon, L., Jasper, J., Kristiansen, M., Hagler, M. An experimental arrangement for laser beat heating of plasmas 8-67386
- Chu, H.Y.**, Chang, Y.W. Analysis of LMFBR containment response using a multifield implicit continuous-fluid Eulerian code (MICE) 8-70616
- Chu, J.M.G.**, Husband, J.E., Cosgrove, D.O., McCready, V.R. The B-scan ultrasonic appearances of gas in the biliary tree 8-80930
- Chu, K.H.**, Greif, R. Theoretical determination of band absorption for nonrigid rotation with applications to CO, NO, N_2O , and CO_2 8-91060
- Chu, K.R.** Effects of cross-sectional elongation on trapped electron modes 8-59585
- Chu, L.L.** *see* Nai Kuang Liang 8-81217
- Chu, L.W.M.**, Kai Fong Lee Resistive lower-hybrid instability in current-carrying plasmas 8-71467
- Chu, L.W.M.**, Kai Fong Lee On the resistive electromagnetic ion cyclotron instability 8-87444
- Chu, M.S.**, Chu, C., Guest, G., Hsu, J.Y., Ohkawa, T. Kinetic analysis of the localized magnetohydrodynamic ballooning mode 8-75298
- Chu, P.** *see* Kokotqilo, G.T. 8-87657
- Chu, S.L.**, Shen, C.H., Hecker, S.P., Omer, J.E. Completion of Taipower's first nuclear power unit through coordinated efforts 8-86674
- Chu, S.S.** *see* Chu, T.L. 8-56220, 8-64475
- Chu, T.C.**, McCormick, A.R. Measurements of loss due to offset, end separation, and angular misalignment in graded index fibers excited by an incoherent source 8-71202
- Chu, T.L.**, Chu, S.S., Kelm, R.W., Jr., Wakefield, G.W. Solar cells from zone-refined metallurgical silicon 8-64475
- Chu, T.L.**, Chu, S.S., Van Der Leeden, G.A., Lin, C.J., Boyd, J.R. Polycrystalline silicon p-n junctions 8-56220
- Chu, T.L.**, Stokes, E.D. A comparison of carrier lifetime measurements by photoconductive decay and surface photovoltage methods 8-68038
- Chu, T.L.**, Stokes, E.D. Minority carrier diffusion lengths in silicon slices and shallow junction devices 8-72168
- Chu, T.L.**, van der Leeden, G.A., Yoo, H.I. Purification and characterization of metallurgical silicon 8-56573
- Chu, W.H.**, Jacobs, J.T. Light scattering study of structures in a smectic liquid crystal 8-63667
- Chu, W.K.**, Tu, K.N. Identification of diffusion species in $V-SiO_2$ reactions 8-75890
- Chu, W.T.** Comparison of reverberation measurements using Schroeder's impulse method and decay-curve averaging method 8-66986
- Chu, Y.K.** *see* Barish, B.C. 8-62386, 8-89699
- Chu, Y.Y.**, Scharff-Goldhaber, G. Decay of ^{234}Th to the ^{234}Pa isomers 8-70493
- Chu Cheng** *see* Cheng Chu
- Chu Ching** *see* Tsai Chi-kung 8-84812
- Chu Chung-Yuan**, An Ing Meson structure model with covariant oscillator potentials 8-82180
- Chu Chung-Yuan**, Chen Shih Y (9.5) may be colour-excited states 8-82169
- Chu Lan-Chan** *see* Lan-Chan Chu
- Chu Ming-Sheng** *see* Ming-Sheng Chu
- Chu Yu-Hua** The general properties of hot ultrashort period Cepheids 8-69805
- Chu Yu-yi** *see* Ho Hsin-lai 8-84811
- Chua, H.H.**, Johnson, B.V., Ross, T.K. The protection of mild steel by zinc-rich paint in flowing aerated 0.5 M NaCl solutions. I. The effect of zinc particle size 8-95840
- Chua, H.H.**, Ross, T.K. The protection of mild steel by zinc-rich paint in flowing aerated 0.5 M NaCl solution. IV. The effect of zinc oxide addition 8-95843
- Chua, J.O.** *see* Ruoff, A.L. 8-53047
- Chua, S.H.** *see* Chin, K.K. 8-85614
- Chua, S.H.** *see* Gay, R.K.L. 8-85613
- Chuah, D.G.S.**, Ratnalingam, R., Seward, R.J. The thermal conductivity and Lorenz function of the tin-lead alloy system $Sn_{1-x}Pb_x$ ($x=0.85, 0.7, 0.5, 0.3$) 8-51966
- Chuan, R.** *see* Wallace, D. 8-65904
- Chuan Lin** *see* Lin Chuan
- Chuan-zheng Yang** *see* Yang Chuan-zheng
- Chuang, A.S.** *see* Lee, T.H. 8-89942
- Chuang, C.W.** *see* Ko, H.C. 8-65489
- Chuang, F.S.**, Natusch, D.F.S., O'Keefe, K.R. Evaluation of a self-scanned photodiode array spectrometer for flame atomic absorption measurements 8-70191
- Chuang, H.** Effects of a varying velocity of MHD boundary-layer control 8-67275
- Chuang, K.T.** Development of sieve trays for heavy water plants 8-82437
- Chuang, S.Y.** Positron annihilation and phase transitions in molecular substances 8-95614
- Chuang, S.Y.**, Tseng, P.K., Jan, G.J., Chen, H.S. An experimental study of the angular correlation of positron annihilation radiations in electron irradiated Pd-Ni-Si metallic glass 8-84678
- Chuang Fi** *see* Han Wen-Shu 8-78393
- Chuang-Tien Chen** *see* Chen Chuang-Tien
- Chub, A.F.**, Bondarenko, N.L., Stipura, A.P. Density of eddy currents induced in a ferromagnetic half-space by the transient magnetic field of a loop 8-71002
- Chub, A.F.**, Bondarenko, N.L., Stipura, A.P. Nonstationary electromagnetic field of a coil located above a ferromagnetic half space 8-74817
- Chubachi, N.** Recent developments of acoustic microscopy 8-79177
- Chubarov, D.N.** Determination of the thermal diffusivity of materials by measuring temperatures at the stage of irregular operation 8-62199
- Chubb, J.P.**, Billingham, J., Hancock, P., Dimbylow, C., Newcombe, G. Effect of alloying and residual elements on strength and hot ductility of cast cupro-nickel 8-85033
- Chubinizde, S.D.** *see* Kutateladze, K.S. 8-63678
- Chudakov, V.A.** *see* Vygodskaya, N.N. 8-61617
- Chudakov, V.S.**, Grechushnikov, B.N. Method of observing optical inhomogeneities by means of a spectral modulator 8-59144
- Chudinov, P.S.** *see* Beletskii, V.V. 8-51055
- Chudinov, S.M.** *see* Akimov, B.A. 8-56067
- Chudinov, S.M.** *see* Brandt, N.B. 8-60050
- Chudnovskii, A.I.**, Dunaevskii, V.A., Khandogin, V.A. On the quasi-static growth of cracks 8-83324
- Chudnovskii, A.N.** *see* Artemenko, L.I. 8-87485
- Chudnovskii, E.M.** *see* Berezovoi, V.P. 8-58236
- Chudnovskii, F.A.** *see* Andreev, V.N. 8-87831
- Chudnovskii, F.A.** *see* Lanskaya, T.G. 8-88006
- Chudobiak, W.J.**, Wight, J.S., Gray, R. A nanosecond impulse X-band radar 8-62178
- Chudov, V.A.** *see* Vysotskii, A.V. 8-73964
- Chudy, M.** *see* Hlinka, V. 8-90038
- Chuen-Ing Chern** *see* Winstead, M.B. 8-80965
- Chuen-Yen Chow**, Uberoi, M.S. Secondary flows due to axisymmetric converging-diverging electric current 8-79381
- Chugainov, P.F.** The comparison of photometric radii of BY Dra-type stars and stars of the luminosity class V 8-57564
- Chugainov, P.F.** Gaseous envelopes of BY Dra type stars 8-65625
- Chugnov, I.A.** *see* Vyaselev, M.R. 8-56931
- Chugui, Yu.V.**, Krivenkov, B.E. Investigation of means of improving the accuracy of matrix calculations in optical incoherent system 8-78924
- Chugui, Yu.V.** *see* Bychkov, R.M. 8-89439
- Chugunov, A.Yu.** *see* Basov, N.G. 8-50799, 8-59064
- Chugunov, A.Yu.** *see* Slemzin, V.A. 8-85850
- Chugunova, S.I.** *see* Grigor'ev, O.N. 8-60753
- Chuiiko, G.A.**, Yakobson, A.M., Yaroslavskii, V.L. Motion picture filming of moving objects with the aid of pulsed and continuous X-rays 8-57057
- Chuistov, K.V.** *see* Baklanova, L.M. 8-83772
- Chuistov, K.V.** *see* Beletskii, Yu.I. 8-76643
- Chuistov, K.V.** *see* Vasil'ev, M.A. 8-68696
- Chuk, K.R.**, Hirshfield, J.L. Comparative study of the axial and azimuthal bunching mechanisms in electromagnetic cyclotron instabilities 8-51295
- Chukhno, T.A.** *see* Oleksyuk, I.D. 8-63158
- Chukhovskii, F.N.**, Gabrielyan, K.T., Petrashev, P.V. The dynamical theory of X-ray Bragg diffraction from a crystal with a uniform strain gradient. The Green-Riemann functions 8-79492
- Chukichev, M.V.** *see* Vavilov, V.S. 8-72613
- Chukin, G.D.**, Malevich, V.I. Structure of silica [gel] 8-88297
- Chukin, V.T.**, Bondarenko, M., Ostrovskii, V.I. Increasing the effectiveness of lateral logging 8-53760
- Chukwumah, G.C.** *see* Ndili, F.N. 8-58180
- Chul Cho**, Jae Hoon Kim A study on the energy distribution of interface traps in MOS devices under non-steady-state 8-64119
- Chul Myung Hyo** *see* Hyo Chul Myung
- Chul Yook Chong** *see* Chong Chul Yook
- Chul-Han Oh**, Chikasa Uenosono The positive leader propagation mechanism 8-79483
- Chulkov, G.N.** *see* Timofeev, A.V. 8-71487
- Chulyaeva, E.G.** *see* Borisovskii, S.P. 8-90444
- Chumachenko, V.P.** The integral equation method for solving a class of electrodynamics problems 8-82887
- Chumak, G.D.** *see* Botgros, I.V. 8-52778
- Chun, J.**, Apostolakis, G.E. On the probability of loss of DC power following AC failure in a nuclear power plant 8-78483
- Chun, K.-S.**, Robinson, D.A. A model of quick phase generation in the vestibuloocular reflex 8-56971
- Chun, M.S.**, Freeman, K.C. Color-magnitude diagrams for the inner parts of 47 Tuc 8-57598
- Chun, S.F.S.**, Pang, K.D., Cutts, J.A., Ajello, J.M. Photocatalytic oxidation of organic compounds on Mars 8-85883
- Chun Hui Gon** *see* Hui Gon Chun
- Chun Hyun Jae** *see* Jae Chun Hyun
- Chun Kwan Sik** *see* Kwan Sik Chun
- Chun Ming Leung** *see* Spencer, R.G. 8-53999
- Chun-Chan Kung**, Clayton, R.N. Nitrogen abundances and isotopic compositions in stony meteorites 8-65558
- Chun-Luan Lee** *see* Jameson, C.J. 8-58720
- Chun-Sing O** *see* Fulop, G.F. 8-54456
- Chun-ta Wang** *see* Wang Chun-ta
- Chun-Tao Tsai** *see* Tsai Chun-Tao
- Chun-Yu Li** *see* Li Chun-Yu
- Chunarev, E.N.** *see* Leonov, V.V. 8-92322
- Chung, B.T.F.**, Thomas, L.C., Pang, Y. A surface rejuvenation model for turbulent heat transfer in annular flow with high Prandtl numbers 8-71333
- Chung, B.T.F.**, Yeh, L.T., Prasad, A., Sinha, S.N. Comment on 'Radiative ablation of melting solid' [and reply] 8-94564
- Chung, C.I.**, Lin, M.I. Nature of melt rheological transition in a styrene-butadiene-styrene block copolymer 8-75113
- Chung, D.D.L.** Structural studies of graphite intercalation compounds 8-71710
- Chung, D.Y.**, Isler, W.E. Ultrasonic velocity anisotropy in ferrofluids under the influence of a magnetic field 8-68344
- Chung, D.Y.** *see* Isler, W.E. 8-68345
- Chung, D.Y.** *see* Li, Y. 8-51604
- Chung, F.K.** *see* Dugundji, J. 8-59331
- Chung, H.W.** Effects of embedded steel bars upon ultrasonic testing of concrete 8-60923
- Chung, K.C.** *see* Kodama, T. 8-77778
- Chung, P.S.** *see* Pantell, R.H. 8-86395
- Chung, S.**, Lin, C.C. Application of the close-coupling method to excitation of electronic states and dissociation of H_2 by electron impact 8-74778
- Chung, T.E.** *see* Bartlett, R.A. 8-64673
- Chung, W.**, Van Hienen, J., Wildenthal, B.H., Bennett, C.L. Ground-state alpha-cluster correlation in sd-shell nuclei 8-74314
- Chung, W.** *see* Betigeri, M.G. 8-74372
- Chung, W.** *see* Brown, B.A. 8-66248

- Chung, W.M.** *see* Shin, S.A. 8-50128
Chung, Y.-S. *see* Ninian Chung, Y.-S.
Chung Chang Hyun *see* Chang Hyun Chung
Chung Chi Hsu *see* Schenker, P.S. 8-71051
Chung Kyu-Myung *see* Kyu-Myung Chung
Chung Lim, Day, D.E. Sodium diffusion in glass. III. Sodium metaphosphate glass 8-63875
Chung Lim, Day, D.E. Sodium diffusion in high-silica glass 8-91478
Chung Nam Whang *see* Youn Kyu Koh 8-50636
Chung Shou Gao *see* Gao Chung Shou
Chung Wai-Ying *see* Wai-Ying Chung
Chung Yuan Mou Stochastic theory of phase transition in multiple steady state chemical system: nucleation 8-53187
Chung Yun *see* Yun Chung
Chung-chih Ho *see* Ho Chung-chih
Chung-Kwang Chou, Guy, A.W. Effects of electromagnetic fields on isolated nerve and muscle preparations 8-53443
Chung-Muh Tang The instability of a horizontal five-layer jet 8-79348
Chung-Ngoc Leung *see* Hickerson, D.L. 8-74771
Chung-Shou Gao *see* Gao Chung-Shou
Chung-Yuan Chu *see* Chu Chung-Yuan
Chung-Yung Robert Wu, Crooks, J.B., Sze-Cheng Yang, Way, K.R., Stwalley, W.C. Li/Li_2 supersonic nozzle beam 8-55255
Chung-Yung Robert Wu *see* Crooks, J.B. 8-78788
Chungkun Lee *see* Ilsoon Hwang 8-86571
Chuntonov, K.A. *see* Yatsenko, S.P. 8-56615
Chuong, B.T., Bodin, D., Benarie, M. Assessment of dimethyl-N-nitrosamine in urban air 8-81378
Chupis, I.E. Weak ferromagnetism associated with third-order invariants 8-95435
Chupova, L.M. *see* Kovrizhnykh, O.M. 8-69768, 8-77445
Chuprikov, G.E. *see* Adameski, R.A. 8-92275
Chuprikov, G.E. *see* Nikitin, S.A. 8-49869, 8-57991
Chuprikov, G.E. *see* Posvado, V.P. 8-95689
Chuprov, S.D. Relationship between the spectrum of a signal reflected from a rough sea surface and the sea-wave spectrum in the case of small roughness 8-94474
Chuprunov, E.V. *see* Tarkhova, T.N. 8-67704
Chupryna, V.A. *see* Slemzin, V.A. 8-85850
Churaev, A.L. *see* Galperin, A.D. 8-82922
Churaev, N.V. *see* Martynov, G.A. 8-51793
Churaev, N.V. *see* Shishin, V.A. 8-51794, 8-51804
Churaev, N.V. *see* Voznyi, P.A. 8-53248
Churaev, N.V. *see* Zolotarev, P.P. 8-59278, 8-67011
Churakov, G.F. *see* Gray, W.H. 8-50374
Churakov, V.V. *see* Bertel', I.M. 8-74882
Churakov, V.V. *see* Leshenyuk, N.S. 8-82826
Church, M., Ongley, E.D. Sediment and nutrient loadings to Lake Ontario: methodological arguments: discussion [and reply] 8-77278
Churchill, J.N. Motion of an electron wave packet in a uniform electric field 8-61983
Churchill, J.N. *see* Holmstron, F.E. 8-60209
Churchill, S.W. *see* Ozoe, H. 8-94708
Churchwell, E., Winnewisser, G., Walmsley, C.M. Molecular observations of a possible proto-solar nebula in a dark cloud in Taurus 8-69858
Churchwell, E. *see* Cesarsky, C.J. 8-85988
Churchwell, E. *see* Winnberg, A. 8-65670
Churg, A.K. *see* Makinen, M.W. 8-96006
Churikov, A.A. *see* Vlasov, V.V. 8-79196
Churnside, J.H., McIntyre, C.M. Signal current probability distribution for optical heterodyne receivers in the turbulent atmosphere. I. Theory 8-78916
Churnside, J.H., McIntyre, C.M. Signal current probability distribution for optical heterodyne receivers in the turbulent atmosphere. II. Experiment 8-78917
Chursin, A.G. *see* Andrikanis, L.I. 8-74106
Chursin, M.M. *see* Aver'yanov, V.V. 8-75433
Chute, R.N. *see* Warren, S. 8-53457
Chutjian, A. *see* Srivastava, S.K. 8-90291
Chutonov, K.A., Bushmanov, V.D., Semenov, B.G., Yatsenko, S.P. Method of direct calorimetry (exchange of experience) 8-84775
Chutov, Yu.I., Reimnyova, T.E., Korolyuk, O.V. The plasma production by pulse discharge development in the glass cell 8-67559
Chutov, Yu.I., Zhovtyankii, V.A. Method of recording profiles of spectral lines with high time resolution 8-86351
Chuu, D.S., Han, C.S., Hsieh, S.T., Chiang, H.C. Effective interactions and energy spectra for $N=28$, 29 and 30 nuclei 8-82299
Chuu, D.S. *see* Hsieh, S.T. 8-50077
Chuu, D.S. *see* King Yen, M.M. 8-62475
Chuvale, J.T. *see* Cenknar, A.A., Jr. 8-94532
Chuvashv, Yu.D. *see* Kalnev, A.D. 8-72146
Chuvyrov, A.N., Lachinov, A.N. Investigation of the nature of homeotropic orientation of nematic liquid crystal molecules. Feasibility of application in modulation spectroscopy 8-55809
Chuyarov, V.A. *see* Arsenin, V.V. 8-63564
Chuyko, V.S. *see* Tropin, Yu.D. 8-61403
Chvoj, Z. The temperature dependence of some thermodynamical quantities of ferromagnetic alloys in the region of magnetic phase transition 8-64207
Chvoj, Z. *see* Bohun, A. 8-60491
Chvojka, M., Pekarek, L. The influence of an ordinary acoustic wave on a forward ionization wave of the F^- type 8-67521
Chwaleba, A., Moeschke, B. Piezoelectric tunnel converters of hydrostatic pressure 8-89470
Chwang, A.T. Hydrodynamic pressures on sloping dams during earthquakes. II. Exact theory 8-73413
Chwang, A.T., Housner, G.W. Hydrodynamic pressures on sloping dams during earthquakes. I. Momentum method 8-73412
Chwastiak, S., Lewis, I.C. Solubility of mesophase pitch 8-67831
Chy-Pwu Tzou *see* Kung-Yng Liao 8-59229
Chye, P.W., Lindau, I., Pianetta, P., Garner, C.M., Spicer, W.E. Evidence for a new type of metal-semiconductor interaction on GaSb 8-60203
Chye, P.W. *see* Lindau, I. 8-95358
Chye, P.W. *see* Spicer, W.E. 8-53254
Chylek, P. Extinction and liquid water content of fogs and clouds 8-81404
Chylek, P., Kiehl, J.T., Ko, M.K.W. The fine structure of the Mie scattering 8-58913
Chynoweth, T. *see* English, A.T. 8-56242
Chytil, B., Sumichrast, L. Log-amplitude temporal frequency spectra of a beam wave propagating through weak turbulence 8-78911
Ciach, R., Pawlowski, A., Dukiet-Zawadzka, B. Dendritic non-homogeneity in Al-Mg-Si alloys 8-56641
Ciach, R., Salawa, J., Kabisch, O., Wendrock, G. The effect of the miscibility gap on the precipitation structures and physical properties of aluminum-zinc alloys 8-92265
Cialkowski, M. Summation of certain Fourier-Bessel series occurring in heat transfer problems 8-77818
Ciampolillo, S. *see* Krenz, W. 8-54624
Ciampor, F. *see* Holec, B. 8-73976
Cianci, R. Spatial projection techniques in general relativity. Remarks about the construction of the spatial tensor analysis 8-93571
Ciancio, V. *see* Kluitenberg, G.A. 8-93639
Ciapetti, G. *see* Heller, M. 8-70689
Ciaranfi, N. *see* Cita, M.B. 8-57294
Ciattii, F., Bernacca, P.L., D'Innocenzo, A. Absolute ultraviolet spectrophotometry from the TD-1 satellite: flux distribution of helium weak stars 8-96477
Ciatti, F., Mammano, A., Vittone, A. On the further evolution of V 1016 Cyg and HM Sge: mass ejection in proto-planetary nebulae 8-85947
Ciatti, F. *see* Dupree, A.K. 8-96569
Ciavatta, L., Ferri, D. Projection maps for the determination of equilibrium constants 8-53240
Cibin, P.K. Propagation of electromagnetic surface waves along plasma column in the presence of losses 8-75315
Ciborowski, J. *see* Nowak, R.J. 8-78213
Cicala, P., Del Col, G.F. On the round quasi cylindrical shell with angular discontinuity 8-67032
Ciccarello, L., Li Vigni, M., Vetri, G. Saturation effects by double-quantum transitions 8-80197
Ciccarillo, S., Gazzillo, D., Dejak, C. Dilute systems of dipoles and dipolar charged particles 8-83710
Cicconi, G. Striation frequency spectra in an argon positive column with a local transverse magnetic field detected by a microwave probe 8-87562
Cicconi, G., Rosatelli, C., Molinari, V. Ionization waves in plasma columns detected by microwave 8-79461
Ciccotti, G., Jacucci, G., McDonald, K.R. Thermal response to a weak external field 8-71660
Cicerone, R.J., Shetter, J.D., Chen Liu, S. Nitrous oxide in Michigan waters and in U.S. municipal waters 8-57223
Cicerone, R.J., Shetter, J.D., Stedman, D.H., Kelly, T.J., Liu, S.C. Atmospheric N_2O : measurements to determine its sources, sinks, and variations 8-85631
Cicerone, R.J. *see* Kuhn, W.R. 8-81280
Cichocki, B. *see* Barcz, A. 8-54164
Cichocki, B. *see* Ernst, M.H. 8-71372
Cielak, Z.M., Kinney, R.B. Analysis of unsteady viscous flow past an airfoil. II. Numerical formulation and results 8-51169
Cielaszyk, D.E. *see* Henderson, T.M. 8-50309
Ciemini, K.G.K. *see* Soyfer, V.N. 8-61221
Cieslak, E. *see* Parus, J.L. 8-92575
Cifarelli, L. *see* Basile, M. 8-70416, 8-74240
Ciftan, M., Ruck, V., Saibel, E. Stress dependence of the chemical potential of adsorbates 8-91541
Ciftan, M., Saibel, E. The chemostress coefficient 8-91540
Cihal, V. To the problem of stress corrosion cracking of ferritic chromium-molybdenum stainless steels 8-85044
Cihal, V., Kasova, I., Gemperle, A., Rjabtschenkov, A.V., Gherasimov, V.I., Aksionova, L.I. Influence of nitrogen, phosphorus and nickel on the stress corrosion cracking and the stacking fault energy of CrNi alloys 8-60875
Ciment, C., Leventhal, S.H., Weinberg, B.C. The operator compact implicit method for parabolic equations 8-89348
Cimino, A., Minelli, G., De Angelis, B.A. Investigation of the surface composition of MgO-ZnO solid solutions by X-ray photoelectron spectroscopy 8-51806
Cindio, B. *see* de Cindio, B.
Cindro, N., rfiCocu, F. Molecular configurations: The fragmentation of a rotational band at high excitation energies in ^{24}Mg and the rotation-vibration model 8-54665
Cindro, N., Vourvopoulos, G., Aslanoglou, X., Andritsopoulos, G., Assimakopoulos, P., Bakoyorgos, P. The spin and parity of the 10.9 MeV resonance in $^{16}\text{O}+^{12}\text{C}$ 8-74384
Cindro, N. *see* Basrak, Z. 8-62546
Cindro, N. *see* Pocanic, D. 8-74307
Cingolani, A. *see* Baldassarre, L. 8-76434
Cingolani, A. *see* Catalan, I.M. 8-84608
Cini, M. Theory of the Auger effect in solids: plasmon effects in electron spectroscopies of valence states 8-56098
Cini, M. Comment on quasi atomic Auger spectra in narrow-band metals 8-60536
Cini, R., Lombardini, P.P. Damping effect of monolayers on surface wave motion in a liquid 8-67206
Cinquini, G. *see* Aliverti, G. 8-85610
Cioclov, D.D. A model for fatigue crack propagation in deformable media with nonlinear characteristics 8-63393
Cipollini, N.E. *see* Holroyd, R.A. 8-80029
Cipriani, J. *see* Holzer, W. 8-56482
Cirak, J. *see* Sitek, J. 8-59758, 8-64305
Ciramella, A.F. *see* Seabaugh, P.W. 8-82445
Cirelli, R. *see* Pelosi, V. 8-89731
Ciric, D. *see* Terzic, I. 8-92163
Cirit, M.A. On the hydrodynamic model 8-82173
Ciscato, D., Coccocorese, E., Selin, K.I. AC/DC pulse power conversion from high voltage network to JET loads 8-58497
Ciscato, D. *see* Bombi, F. 8-62619
Cisowski, S.M., Fuller, M. The effect of shock on the magnetism of terrestrial rocks 8-85538
Cisse, L. Energy-momentum invariants and kinetic moment in nonlinear functional theory 8-62287
Ciszek, A. Linear electron accelerator NEP-TUN-10p 8-88744
Ciszek, T.F., Schwutke, G.H. Wide ribbon growth through thermal geometry control by gaseous means 8-64458
Cita, E.L. *see* Ryan, W.B.F. 8-73356
Cita, M.B., Vergnaud-Grazzini, C., Robert, C., Chamley, H., Ciaranfi, N., D'Onofrio, S. Paleoclimatic record of a long deep sea core from the eastern Mediterranean 8-57294
Citerne, J. Limiting form of the modified Mathieu functions of second kind and of integer order for small values of the parameter 8-86113
Citrin, D.L. *see* Fogelman, I. 8-73208
Citrin, P.H., Eisenberger, P., Hewitt, R.C. EXAFS studies of adsorbates on single crystal surfaces 8-66562
Citrin, P.H., Eisenberger, P., Hewitt, R.C. Surface EXAFS: geometry and bond length of I adsorbed on Ag (111) 8-71952
Citrin, P.H., Eisenberger, P., Hewitt, R.C. Extended X-ray-absorption fine structure of surface atoms on single-crystal substrates: iodine adsorbed on Ag (111) 8-84679
Citriani, C. Energy and impulse of the partially elastic or anelastic impact of a rope vibrating against an obstacle 8-67028
Citrini, C. The energy theorem in the impact of a string vibrating against a pointshaped obstacle 8-81824
Citrolo, J. *see* Pusateri, J. 8-50347
Citron, A., Dammert, G., Grundner, M., Huson, L., Lehm, R., Lengeler, H., Plane, D.E., Winkler, G. First operation of a superconducting RF-particle separator 8-89589
Cittolin, S. *see* Bregman, M. 8-89768
Ciubotariu, C.D. Physical tetrads and a new derivation of Schwarzschild's metric 8-89372
Ciucci, G. *see* Car, R. 8-51890, 8-60545
Ciuffreda, K.J. *see* Kennedy, W.L. 8-65148
Ciuffreda, K.J. *see* Kenyon, R.V. 8-61186
Ciulli, S. *see* Auberson, G. 8-49982

- Ciura, A.I.**, Ristici, M., Vasiliu, V. Perturbation spectroscopy on a 60 mW He-Ne laser 8-50752
- Ciuricin, G.** *see* Cester, B. 8-69834
- Civelek, M.B.**, Erdogan, F., Cakiroglu, A.O. Interface separation for an elastic layer loaded by a rigid stamp 8-87307
- Cizek, A.** *see* Obrtlík, K. 8-64591
- Cizek, J.** *see* Bonacic-Koutecky, V. 8-86792
- Cizek, J.** *see* Paldus, J. 8-58595
- Cizeron, G.** Dilatometry and its versatility in metallurgical studies. I 8-65919
- Cizeron, G.** *see* Lefevre, G. 8-91305
- Cizewski, A.**, Kozlowski, G. Indium epitaxy on an imperfect FEM/FIM tungsten emitter 8-60037
- Claassen, J.** *see* Kivits, P. 8-60159
- Claassen, H.**, Muller, H., Menz, H.E. Testing of PVC [polyvinyl chloride] cases for lead-acid batteries 8-85093
- Claassen, M.** *see* Harth, W. 8-55353
- Clack, T.D.** Loudness and the power series transformation. Preliminary model and measurements 8-57012
- Claes, F.H.**, Boulonne, A., Beels, R. Kinetic analysis of the structuralization of hardened gelatin layers by studying swelling phenomena 8-62255
- Claes, W.** *see* Henrion, P.N.J. 8-63889
- Claeson, T.** *see* Rudner, S. 8-84357
- Claffey, W.** *see* Hasegawa, H. 8-51441
- Claissie, J.** *see* Albernhe, F. 8-93107
- Clampitt, R.**, Jefferies, D.K. Molten metal field ion sources 8-65999
- Clancy, J.** *see* Alexander, J.A. 8-53400
- Clapp, M.T.**, Rose, R.M. On the synthesis of A-15 'Nb₂Si' by ion implantation 8-80489
- Clar, A.E.** *see* Abbundi, R. 8-64249
- Clarebrough, L.M.** *see* Forwood, C.T. 8-87686
- Claria, J.J.**, Rasenzweig, P. The nearby open cluster Collinder 140 8-53994
- Claridge, D.E.**, Kendrick, H., Leventhal, L. Environmental radioactivity from hospitals 8-96105
- Clark, A.E.**, Abbundi, R., Gillmor, W.R. Magnetization and magnetic anisotropy of TbFe₂, DyFe₂, Tb_{0.27}Dy_{0.73}Fe₂ and TmFe₂ 8-91862
- Clark, A.E.** *see* Savage, H.T. 8-68348, 8-84472
- Clark, A.F.** *see* Ekin, J.W. 8-72316
- Clark, A.F.** *see* Powell, R.L. 8-52117
- Clark, A.G.**, Darriulat, P., Eggert, K., Hungerbühler, V., Renshall, H., Richter, B., Strauss, J., Zallo, A., Banner, M., Lapuyade, C., Modis, T., Perez, P., Smadja, G., Teiger, J., Tur, C., Vialle, J.P., Zaccane, H., Zylberstein, A., Jenni, P., Strolin, P., Tarnopolsky, G.J. Electron-muon coincidences in proton-proton collisions at the CERN Intersecting Storage Rings 8-89751
- Clark, A.G.**, Darriulat, P., Eggert, K., Hungerbühler, V., Renshall, H., Richter, B., Strauss, J., Zallo, A., Banner, M., Lapuyade, C., Modis, T., Perez, P., Smadja, G., Teiger, J., Tur, C., Vialle, J.P., Zaccane, H., Zylberstein, A., Jenni, P., Strolin, P., Tarnopolsky, G.J. Muon-electron events in high-energy proton-proton collisions 8-89759
- Clark, A.G.** *see* Alper, B. 8-70414
- Clark, A.G.** *see* Brown, R.M. 8-82231
- Clark, A.H.** *see* Sun, L.Y. 8-72621
- Clark, B.C.** Implications of abundant hygroscopic minerals in the Martian regolith 8-65541
- Clark, B.C.** *see* Keil, K. 8-85884
- Clark, B.G.** *see* Granlund, J. 8-81539
- Clark, D.E.** *see* Hench, L.L. 8-60854
- Clark, D.H.** *see* Murdin, P. 8-65676
- Clark, D.J.**, Gough, R.A., Holley, W.R., Jain, A. Systematics in the control settings of the Berkeley 88 inch cyclotron 8-78526
- Clark, D.J.** *see* Stephenson, E.J. 8-70217
- Clark, D.T.** Some experimental and theoretical aspects of structure, bonding and reactivity of organic and polymeric systems as revealed by ESCA 8-53299
- Clark, D.T.**, Colling, L. A theoretical investigation of vibrational fine structure accompanying core ionization in hydrogen cyanide and acetylene 8-62844
- Clark, D.T.**, Cromarty, B.J., Sgamellotti, A. A theoretical investigation of the ground and core hole states of linear and bent NiCO; a prototype for Co adsorbed on nickel 8-62712
- Clark, D.T.**, Cromarty, B.J., Sgamellotti, A. A theoretical investigation of single orbital relaxation energy contributions accompanying core ionization of N₂ 8-82637
- Clark, D.T.**, Cromarty, B.J., Sgamellotti, A. Orbital contributions to relaxation energies accompanying core ionizations in the series CO, COH⁺, HCO⁺ and H₂CO 8-82642
- Clark, D.T.**, Cromarty, B.J., Sgamellotti, A. A theoretical investigation of the electronic reorganization processes accompanying core ionization in the isomeric molecules HCN, HNC and HNO, HON 8-94196
- Clark, D.T.**, Dilks, A., Shuttleworth, D., Thomas, H.R. Angular-dependent studies on some prototype vertically and laterally inhomogeneous samples 8-95655
- Clark, D.T.**, Thomas, H.R. Application of ESCA to polymer chemistry. XVI. Electron mean free paths as a function of kinetic energy in polymeric films determined by means of ESCA 8-52114
- Clark, D.T.**, Thomas, H.R. Applications of ESCA to polymer chemistry. XVII. Systematic investigation of the core levels of simple homopolymers 8-88673
- Clark, G.**, White, D. Bibliography of diagnostic uses of ultrasound in medicine and biology 8-69166
- Clark, G.F.** *see* Sery, R.S. 8-64215
- Clark, G.H.**, Charash, E., Bendun, E.O.K. Pattern recognition studies in acoustic sounding 8-65416
- Clark, G.M.** *see* Chandorkar, K.R. 8-73176
- Clark, G.M.** *see* Nienhuys, T.G.W. 8-77067
- Clark, G.W.** *see* Cominsky, L. 8-61939
- Clark, G.W.** *see* Rappaport, S. 8-93470
- Clark, H.B.**, Costain, J.K., Glober, L., III Structural and seismic reflection studies of the Brevard ductile deformation zone near Rosman, North Carolina 8-65289
- Clark, J.** *see* Kinney, J.A.S. 8-61173
- Clark, J.A.** Moire processing of acoustic field holograms 8-55539
- Clark, J.A.** Holographic visualization of acoustic fields 8-59216
- Clark, J.A.** *see* Cena, K. 8-73139
- Clark, J.B.** *see* Heyns, A.M. 8-60446
- Clark, J.B.** *see* Pistorius, C.W.F.T. 8-59792
- Clark, J.B.** *see* Rapoport, E. 8-52457
- Clark, J.B.** *see* Richter, P.W. 8-92238
- Clark, J.D.** *see* Angress, J.F. 8-76474
- Clark, J.D.** *see* Barber, M. 8-66470, 8-70967
- Clark, J.F.** *see* Coles, R.L. 8-81169
- Clark, J.H.** *see* Loree, T.R. 8-55211
- Clark, J.H.E.** The stability of ultra-long waves on a mid-latitude β -plane 8-73484
- Clark, J.M.** *see* Coleman, R.V. 8-92770
- Clark, J.M.T.** An evaluation of the relationship between image quality and modulation transfer function (MTF) for a 48-inch camera 8-49938
- Clark, J.P.**, Bever, M.B. The effects of order on the deformation of the alloy Mg₂Cd 8-52924
- Clark, J.W.**, Lam, P.M., Zabolitzky, J.G., Ristig, M.L. Theoretical momentum distributions for liquid ⁴He 8-51776
- Clark, K.W.**, Hitchens, R.E., Ritter, J.A., Rankin, S.L., Oliver, G.C., Thomas, L.J., Jr. ARGUS/2H: a dual-channel Holter-tape analysis system 8-81016
- Clark, L.A.** *see* Evans, D.J. 8-60924
- Clark, L.B.** *see* McLaughlin, T.G. 8-64377
- Clark, L.G.**, DiBattista, J.D. Space qualification of optical instruments using the NASA long-duration exposure facility 8-85826
- Clark, M.C.** *see* Baker, W.L. 8-94927
- Clark, M.D.** *see* Manuccia, T.J. 8-56905
- Clark, M.G.**, Leslie, F.M. A calculation of orientational relaxation in nematic liquid crystals 8-75549
- Clark, M.J.**, Smith, T.F. Pressure dependence of T_c for lead 8-84340
- Clark, M.J.** *see* Peirce, J.W. 8-61327
- Clark, N.A.** Observation of extended boundary layers in the permeative flow of a smectic-A liquid crystal around an obstacle 8-67644
- Clark, P.E.** A creative project in an undergraduate laboratory 8-86082
- Clark, R.** As-rolled bainitic engineering steels 8-88503
- Clark, R.**, Stephens, P.J. Vibrational optical activity 8-54476
- Clark, R.B.** *see* Bryan, R. 8-50044, 8-82294
- Clark, R.E.H.** *see* Sampson, D.H. 8-62925
- Clark, R.G.** *see* Ray, P.S. 8-59664
- Clark, R.J.H.**, D'Urso, N.R. Electronic and resonance Raman spectra of the [Mo₂Br₂]⁴⁺ ion 8-82745
- Clark, R.L.** *see* Ruud, C.O. 8-66012
- Clark, R.M.** Bristlecone pine and ancient Egypt: a re-appraisal 8-70234
- Clark, R.P.** Environmental physiology and thermography 8-58043
- Clark, R.P.**, Reinhardt, F.W. Thermoanalytical investigations of thallous nitrate 8-91441
- Clark, R.W.** *see* Ready, P.J. 8-78952
- Clark, T.A.** *see* Naylor, D.A. 8-55434
- Clark, T.A.** *see* Wittels, J.J. 8-69896
- Clark, T.L.** *see* Peltier, W.R. 8-81293
- Clark, W.C.** *see* Metcalfe, R.D. 8-60523
- Clark, W.G.** *see* Segransan, P.J. 8-76327
- Clark, W.R.K.**, Chapman, J.N., McLeod, A.M., Ferrier, R.P. The application of a digital scanning electron diffractometer to radiation sensitive materials 8-87596
- Clark Westcott, C.** Biomedical pH measurements 8-77158
- Clarke, C.K.** Studies of crack tips in steel and aluminum alloys 8-68812
- Clarke, D.** Brightness oscillations of daytime sky 8-81406
- Clarke, D.**, Wyllie, T.H.A. A quantitative analysis of factors affecting Balmer-index photometry 8-96404
- Clarke, D.R.**, Thomas, G. Microstructure of Y₂O₃ fluxed hot-pressed silicon nitride 8-64512
- Clarke, E.T.** A new ANSI screen-film-processing sensitometry standard 8-69196
- Clarke, F.W.** Discussion of a model of lens surface geometry through high-speed generating, smoothing and polishing and of aspects in its practical achievement 8-50889
- Clarke, G.A.** *see* Martin, R. 8-50568
- Clarke, G.K.C.** *see* Napoleoni, J.-G. 8-65402
- Clarke, J.** *see* Goubau, W.M. 8-81104
- Clarke, J.** *see* Ketchen, M.B. 8-77947
- Clarke, J.A.**, Fray, D.J. The rate of deposition and the morphology of zinc oxide deposited from Zn(v)/CO/CO₂/Ar gas mixtures 8-84719
- Clarke, J.F.** Gas dynamics with relaxation effects 8-79390
- Clarke, J.F.** *see* Steiner, D. 8-74472
- Clarke, J.H.** *see* Mildner, D.F.R. 8-70666
- Clarke, J.H.R.** *see* Miller, S. 8-72491
- Clarke, J.N.** *see* Kronberg, P.P. 8-93442
- Clarke, K.L.**, Madden, F.A., Buckingham, A.D. Collision-induced polarizabilities of inert gas atoms 8-86778
- Clarke, K.L.** *see* Buckingham, A.D. 8-78824
- Clarke, M.D.**, Craig, D.P., Dissado, L.A. Strong and weak exciton-phonon coupling in molecular crystals 8-51899
- Clarke, N.M.** *see* Satchler, G.R. 8-58295
- Clarke, R.** Structural phase transitions and lattice dynamics of sodium tungsten bronze 8-79771
- Clarke, R.**, Nagel, S.R. Observation of the temperature dependence of the structure factor in a metallic glass 8-87624
- Clarke, R.** *see* Glazer, A.M. 8-51475
- Clarke, R.** *see* Kiess, H. 8-95554
- Clarke, R.** *see* Whatmore, R.W. 8-80296
- Clarke, R.C.**, Taylor, L.L. Pure and doped indium phosphide by vapour phase epitaxy 8-56587
- Clarke, R.H.** Diffraction of light by laterally illuminated optical fibres 8-50915
- Clarke, R.H.** *see* Chiha, P.A. 8-78735
- Clarke, R.J.** The analysis of multiple resonance in a vibrating mechanical system by the use of the electrical transmission line analogy 8-59188
- Clarke, R.N.**, Court, I.N. An X-ray technique for evaluating the structure of films for device applications 8-75949
- Clarke, R.N.**, White, R.A., Yell, R.W. A digital storage instrument and function generator with applications in electronic modelling 8-77937
- Clarke, R.T.**, Newson, M.D. Some detailed water balance studies of research catchments 8-88865
- Clarke, R.T.** *see* Moore, R.J. 8-81244
- Clarke, R.W.**, Thompson, I.M.G. Radiation dosimetry and calibration-BNL sets the standards 8-74507
- Clarke, W.B.** *see* Torgersen, T. 8-65353
- Clarkson, R.B.**, Kooser, R.G. Molecular motion on surfaces as investigated by saturation transfer EPR 8-72413
- Clarkson, R.B.**, McClellan, S. The character of adsorption of O₂⁻ on supported silver surfaces 8-61046
- Clarkson, R.G.** *see* Carter, J. 8-54796
- Claro, F.** Phase rule for the semiconductor-vacuum interface 8-52049
- Claro, F.**, Wannier, G.H. Closure of bands for Bloch electrons in a magnetic field 8-79918
- Claude, H.** *see* Jaeschke, W. 8-73473
- Claude, J.M.**, Zanne, M., Gleitzer, C., Aubry, J. Preparation and study of Zn_xFe_{0.85-x}O (0.085 ≤ x ≤ 0.170) 8-51506
- Claudel, B.**, Mentzen, B., Paux, J.-P., Sautereau, H. Structural study of ammonium uranyl formate 8-75653
- Clauer, N.** *see* Hoffert, M. 8-73353
- Claus, H.** Micromagnetism in V-Fe 8-91878
- Claus, H.** *see* Tranchita, C.J. 8-91879
- Claus, R.** Polariton dispersion and crystal optics in monoclinic materials 8-79685
- Claus, R.** Phase transitions soft modes and dipole relaxations 8-91409
- Claus, R.**, Borstel, G. Polariton dispersion in trichlorine crystals 8-79946
- Claus, R.** *see* Merten, L. 8-87920
- Claus, R.** *see* Nippus, M. 8-84590
- Claus, R.** *see* Schwagerl, C. 8-76476
- Claus, R.O.** Ultrasonic Stoneley wave measurements 8-75919
- Clausen, C.**, Killat, U. Holographically stored X-ray images: gray-tone reproduction 8-65120
- Clausen, C.W.** *see* Smith, T.F. 8-94576
- Clausen, J.V.**, Nordstrom, B. Four-colour photometry of eclipsing binaries. XA. Photometric elements, absolute dimensions and helium abundance of χ^2 Hydrae 8-65653

- Clausen, J.V.**, Nordstrom, B. Four-colour photometry of eclipsing binaries. XIB. Light-curves of RS Chamaeleontis 8-69833
- Clauser, T.** *see* Brautti, G. 8-82539
- Clausing, R.E.**, Emerson, L.C., Heatherly, L. Studies of hydrogen recycle from the walls in Tokamaks using a plasma-wall interaction simulator 8-94131
- Clausing, R.E.**, Emerson, L.C., Heatherly, L. Sputtering, and chemical attack of 304 stainless steel, aluminum and gold by hydrogen ions of 100 eV energy 8-95635
- Clausnitzer, G.** *see* Worm, E. 8-83671
- Clausse, M.** *see* Peyrelasse, J. 8-56426
- Claussen, N.**, Wagner, R., Gauckler, L.J., Petzow, G. Nitride-stabilized cubic zirconia 8-92223
- Claussen, N.** *see* Pilyankevich, A.N. 8-80635
- Claufs, P.** *see* Guislain, H.J. 8-68554, 8-72583
- Claufs, P.** *see* Vanhaelst, M. 8-72406
- Clavel, J.**, Viala, Y.P., Bel, N. Chemical and thermal equilibrium in dark clouds 8-61899
- Clavel, J.** *see* Bogges, A. 8-96383
- Clavel, M.**, Pineau, A. Frequency and wave-form effects on the fatigue crack growth behavior of alloy 718 at 298K and 823K 8-64636
- Clavelin, J.L.**, Mirabel, P. Influence of gaseous impurities on the condensation of water vapor 8-81343
- Clavelin, J.L.** *see* Mirabel, P. 8-71846, 8-92517
- Clavell, J.** *see* Boksberg, A. 8-96540
- Clavelli, L.** *see* Ader, J.P. 8-82175
- Claverie, J.** *see* Pompei, J. 8-80468
- Claverie, P.**, Daudey, J.P., Langlet, J., Pullman, B., Piazzola, D., Huron, M.J. Studies of solvent effects. I. Discrete, continuum, and discrete-continuum models and their comparison for some simple cases: NH_4^+ , CH_3OH , and substituted NH_4^+ 8-73130
- Claverie, P.** *see* Topol, R. 8-71661
- Clawson, A.R.**, Lum, W.Y., McWilliams, G.E., Wieder, H.H. Quaternary alloy $\text{In}_{0.5}\text{Ga}_{1-x}\text{As}_{0.5-x}\text{P}_x$ -InP photodetectors 8-65966
- Clawson, A.R.** *see* Lum, W.Y. 8-72017
- Clay, A.F.**, Evans, F.E., Hunt, D.W. Analysis by AAS of materials bearing precious metals 8-85264
- Clay, B.D.** Biaxial creep measurements of 20/25/Nb stainless steel relevant to reactor fuel cladding performance 8-82442
- Clay, B.D.**, Stride, R. The creep rupture properties of beta-phase Zircaloy-2 cladding in the region 1000-1500°C [using new photoelectronic technique] 8-78470
- Clay, G.A.** *see* Westrum, E.F., Jr. 8-91446
- Clay, J.R.**, Shlesinger, M.F. Random walk analysis of potassium fluxes associated with nerve impulses 8-77045
- Clay, P.G.** *see* Ghiassee, N. 8-62798
- Clay, R.W.**, Gregory, A.G. Light collection from a one square metre scintillator for cosmic ray work 8-74538
- Clay, R.W.** *see* Thornton, G.J. 8-73595, 8-89025
- Claycamp, H.G.**, Cember, H., Port, E.A. Volume reduction of liquid scintillation counting wastes 8-78556
- Clayman, B.P.**, Farnworth, B., Ward, R.W. Far infrared single crystal study of p-diiodobenzene 8-72498
- Clayton, D.D.** On strontium isotopic anomalies and odd-A p-process abundances 8-93101
- Clayton, E.F.** *see* Bosetti, P.C. 8-70357
- Clayton, J.C.** *see* Ord, J.L. 8-92394
- Clayton, J.L.**, Swetland, P.J. Subaerial weathering of sedimentary organic matter 8-57206
- Clayton, J.Q.**, Knott, J.F. Effects of nickel and antimony on temper embrittlement in alloy steels [Ni-Cr-Sb] 8-60813
- Clayton, N.** Fluid-pressure testing of concrete cylinders 8-60750
- Clayton, P.R.**, Cassell, S., Staveley, L.A.K. The heat capacity of the complex: $\text{AgClO}_4 \cdot \text{C}_6\text{H}_6$ 8-75843
- Clayton, R.**, Engquist, B. Absorbing boundary conditions for acoustic and elastic wave equations 8-59320
- Clayton, R.K.** *see* Shapiro, S.L. 8-96012
- Clayton, R.N.**, Mayeda, T.K. Multiple parent bodies of polymict brecciated meteorites 8-57513
- Clayton, R.N.** *see* Chun-Chan Kung 8-65558
- Cleary, J.R.** *see* Wang, C. 8-77183
- Cleary, M.P.** Elastic and dynamic response regimes of fluid-impregnated solids with diverse microstructures 8-90713
- Cleary, T.P.** The $^{88}\text{Sr}(d, p)$ reaction and the structure of ^{89}Sr 8-66286
- Cleary, T.P.** *see* Gross, E.E. 8-66204
- Cleary, T.P.** *see* Malbrough, D.J. 8-70570
- Cleaver, B.**, Spencer, P.N., Quddus, M.A. Effect of pressure on the electrical conductivities of some molten B-group metal iodides and iodine 8-55963
- Cleaver, J.E.** *see* Williams, J.I. 8-53332
- Cleaves, W.T.** *see* Yanas, A. 8-77058
- Clec'h, G.**, Calvarin, G., Berar, J.-F., Kahn, R. Ferrocene $\text{Fe}(\text{C}_5\text{H}_5)_2$: ordered and disordered phases 8-63749
- Clee, P.T.M.** *see* Baynham, D.E. 8-62672
- Cleff, B.** *see* Muhlen, H.J. 8-80822
- Clegg, A.B.** *see* Singh, J. 8-93910
- Clegg, J.B.** *see* Brozel, M.R. 8-59832
- Clegg, R.E.S.** *see* Wyckoff, S. 8-77554
- Clegg, T.B.** *see* Henneke, R. 8-54735
- Cleland, J.W.** *see* Young, R.T. 8-95080
- Cleland, W.E.** *see* Herbert, M.L. 8-54631
- Clemens, E.** *see* Zehnlé, L. 8-66643, 8-82829
- Clemens, J.M.** *see* McMillan, J.A. 8-68379
- Clemens, L.** *see* Gray, J.C. 8-80733
- Clement, A.** *see* Marichal, D. 8-63277
- Clement, C.** Non additivity of bond anisotropies in substituted benzene by depolarised Rayleigh scattering 8-90171
- Clement, C.C.** *see* Wehlau, A. 8-73714
- Clement, C.F.**, Finnis, M.W. The movement of lenticular pores in mixed oxide $(\text{U,Pu})\text{O}_2$ nuclear fuel elements 8-78460
- Clement, C.F.**, Finnis, M.W. Plutonium redistribution in mixed oxide $(\text{U,Pu})\text{O}_2$ nuclear fuel elements 8-78463
- Clement, C.F.**, Perez, S.M. $f_{7/2}$ neutron occupancies in the Ca isotopes 8-78240
- Clement, D.M.** *see* Chivington, E.P. 8-58502
- Clement, H.**, Graw, G., Kretschmer, W., Stach, W. Nuclear shape effects in the scattering of polarized deuterons 8-54768
- Clement, H.** *see* Vold, P.B. 8-74374
- Clement, J.** *see* Mutchler, G.S. 8-70387
- Clement, J.M.** *see* Hudomalj-Gabitzsch, J. 8-70385
- Clement, J.R.**, Lin, W.S., Armstrong, D.A. Changes in optical density, amino acid composition, and fluorescence of papain inactivated by hydroxyl radicals and hydrogen peroxide 8-53344
- Clement, M.** *see* Bardet, R. 8-70634
- Clement, M.J.** On the solution of the equilibrium equations for rapidly rotating stars 8-65601
- Clementi, E.** *see* Novaro, O. 8-56891
- Clements, J.**, Jakeways, R., Ward, I.M. Lattice modulus and crystallite thickness measurements in ultra-high modulus linear polyethylene 8-76689
- Clements, L.L.**, Moore, R.L. Composite properties for E-glass fibres in a room temperature curable epoxy matrix 8-68669
- Clements, R.M.** Plasma diagnostics with electric probes 8-71537
- Clemesha, B.R.**, Kirchhoff, V.W.J.H., Simonich, D.M. Simultaneous observations of the Na 5893-Å nightglow and the distribution of sodium atoms in the mesosphere 8-88961
- Clemesha, B.R.**, Simonich, D.M. Stratospheric dust measurements, 1970-1977 8-73445
- Clemmer, R.G.**, Land, R.H., Maroni, V.A., Mintz, J.M. Simulation of large scale air detritation operations by computer modelling and bench-scale experimentation 8-66413
- Clemmer, R.G.** *see* Mintz, J.M. 8-62616
- Clendenin, J.E.** *see* Hinds, E.A. 8-55141
- Clendenin, J.E.** *see* Alguard, M.J. 8-70376
- Clendenin, J.E.** *see* Prescott, C.Y. 8-89719
- Clendenning, C.W., Jr.** *see* Spencer, D.J. 8-79011
- Clerc, H.-G.** *see* Pape, H. 8-55902
- Clerc, H.-G.** *see* Wohlfarth, H. 8-78428
- Clerc, J.** *see* Ottavi, H. 8-60097
- Clerc, J.T.** Computer methods for the spectroscopic identification of organic compounds 8-88679
- Clerc, J.T.** *see* Buchi, R. 8-64894
- Clercq, A.** *see* De Clercq, A.
- Clerici, G.**, Schins, H. Pressure generated in sodium encapsulated in liquid UO_2 8-82454
- Clermontel, D.**, Michel, J.P., Khatibi, P., Vu, H. Vibration-rotation absorption spectra of HCl and HBr at very high foreign gas densities 8-78687
- Cleveland, B.T.** *see* Bahcall, J.N. 8-58563
- Cleveland, J.R.** *see* Lee, C.W. 8-68016
- Clevert, D.** *see* Rennekamp, F. 8-81065
- Clevert, H.-D.**, Grosse-Siestrup, Ch., Hennig, E., Rennekamp, F., Gerlach, K., Keilbach, H., Kraulzberger, H.A., Affeld, K., Bucherl, E.S. Haemodynamic investigations of an atrio-aortic left ventricular bypass in a calf 8-88763
- Clevert, H.O.** *see* Unger, V. 8-81064
- Cleymans, J.** *see* Baier, R. 8-66092
- Clicque, D.** *see* Dubus, J.P. 8-96306
- Cliff, K.D.** Assessment of airborne radon daughter concentrations in dwellings in Great Britain 8-77118
- Clifford, S.F.** *see* Hill, R.J. 8-92980
- Clifford, S.F.** *see* Ting-i Wang 8-65411
- Clifton, B.J.** *see* Fetterman, H.R. 8-77958
- Clifton, R.R.** *see* Andre, J.N. 8-92409
- Clifton, R.J.** *see* Abou-Sayed, A.S. 8-81435
- Ciment, A.**, Martinez-Duarte, J.M., Albella, J.M. Two-layer model for heat-treated anodic tantalum oxide 8-76373
- Clin, B.** *see* Biais, J. 8-61055
- Cline, C.F.** *see* Weber, M.J. 8-50866
- Cline, D.**, Fry, W.F. Neutrino scattering and new-particle production 8-82201
- Cline, D.** *see* Benvenuti, A. 8-82196
- Cline, D.** *see* Vold, P.B. 8-74374
- Cline, D.** *see* Wanderer, P. 8-66073
- Cline, D.B.** *see* Smith, J.G. 8-82190
- Cline, H.E.**, Anthony, T.R. On the thermomigration of liquid wires 8-67870
- Cline, H.E.**, Anthony, T.R. Migration on fine molten wires in thin silicon wafers 8-68077
- Cline, H.E.**, Anthony, T.R. The effect of harmonics on the capillary instability of liquid jets 8-71378
- Cline, H.E.** *see* Anthony, T.R. 8-52718, 8-60869
- Cline, T.W.**, Cross, L.E., Liu, S.T. Dielectric behavior of strontium barium niobate ($\text{Sr}_{0.5}\text{Ba}_{0.5}\text{Nb}_2\text{O}_6$) crystals 8-80309
- Clinton, S.D.**, Watson, J.S. Tritium removal from liquid metals by sorption on yttrium 8-66411
- Clinton, W.L.** Reneutralization in electron stimulated desorption 8-84070
- Clinton, W.L.** *see* Price, D.L. 8-88412
- Clinton, W.L.** *see* Somorjai, G.A. 8-88553
- Clinton, W.L.** *see* Strongin, M. 8-88053
- Clinton, W.L.** *see* Wilkinson, M.K. 8-86703
- Clippe, P.** *see* Ausloos, M. 8-52268
- Clobridge, C.** *see* Shepherd, D.C. 8-64992
- Clocchiatti, R.**, Havette, A., Weiss, J., Wilhelm, S. The bytownite megacrysts of Asal Rift. I. Study of trapped basaltic melts: a new approach to the study of some petrogenetic process 8-95688
- Cloizeaux, J.** *see* Des Cloizeaux, J.
- Clomburg, L.A., Jr.** Convection in an enclosure—source and sink located along a single horizontal boundary 8-90882
- Close, D.A.**, Malanify, J.J., Davidson, J.P. Nuclear charge distributions deduced from the muonic atoms of ^{232}Th , ^{235}U , ^{238}U , and ^{239}Pu 8-70440
- Close, D.H.** *see* Grinberg, J. 8-79141
- Close, D.M.**, Farley, R.A., Bernhard, W.A. Electron spin resonance of X-irradiated nucleic acid base pairs, 1-methyl cytosine: 5-fluorouracil at 300K 8-64941
- Close, K.J.**, Vaughan-Watkins, R.S., Yarwood, J. An experimental study of the thermal dissociation of hydrogen molecules at a heated filament at low pressures 8-85156
- Clough, A.S.** *see* Amsler, C. 8-70397
- Clough, A.S.** *see* Batty, C.J. 8-62578
- Clough, A.S.** *see* Bugg, D.V. 8-70396
- Clough, A.S.** *see* Waters, G. 8-82599
- Clough, S.** Mechanisms of methyl-group rotation 8-71691
- Clough, S.** *see* Kispert, L.D. 8-95531
- Clough, S.A.** *see* Young, L.D.G. 8-86851
- Clout, P.**, Johnson, P.N. The application of stepper motors to the control of scientific apparatus 8-62683
- Clout, P.N.**, Ridley, P.A. A flexible data acquisition system 8-62676
- Clouter, M.J.**, Kieffe, H., Ali, N. Anomalous behaviour in the vibrational Raman spectrum of oxygen under near-critical conditions 8-55179
- Clouter, M.J.** *see* May, W. 8-70180
- Clouter, M.J.** *see* Prasad, R.D.G. 8-64361
- Cloutier, P.A.**, Danielli, R.E., Jr., Dessler, A.J., Hill, T.W. A cometary ionosphere model for Io 8-69738
- Clua-Gonzalez, A.L.** Optical analysis of the hyperfine structure of ^{59}Co in the region 4000-4300 Å 8-62752
- Clube, S.V.M.** Does our Galaxy have a violent history? 8-81692
- Clube, S.V.M.** M stars in the north galactic polar region 8-93235
- Clube, S.V.M.**, Watson, F.G. Another look at the RR Lyrae stars in the Palomar-Groningen fields 8-93276
- Clube, S.V.M.** *see* Bailey, M.E. 8-89261
- Cleley, A.P.**, Oliver, M.J. Aircraft measurements of humidity in the low stratosphere over southern England 1972-1976 8-73488
- Cleley, A.P.** *see* Oliver, M.J. 8-73538
- Clyens, S.**, Johnson, W. A shear cell for the determination of the dynamic shear strength and flow behaviour of particulate materials 8-53048
- Clyne, M.A.A.**, McDermid, I.S. Quantum-resolved dynamics of excited states. I. Predissociation in the $\text{B}^3\Pi(0^+)$ state of BrF 8-66591
- Clyne, M.A.A.**, McDermid, I.S. Quantum-resolved dynamics of excited states. II. Stable levels of the $\text{B}^3\Pi(0^+)$ state of BrF 8-66592
- Clyne, M.A.A.**, McDermid, I.S. Studies of BrCl by laser-induced fluorescence. I. Excitation spectra and predissociation in the excited $\text{B}^3\Pi(0^+)$ state 8-66593
- Clyne, M.A.A.**, McDermid, I.S. Studies of BrCl by laser-induced fluorescence. II. State-selected kinetics in the excited $\text{B}^3\Pi(0^+)$ state of BrCl 8-66594

- Clyne, M.A.A., McDermid, I.S. Quantum-resolved dynamics of excited states. III. Collision-free lifetimes of BrF(B) 8-94278
- Clyne, T.W. Volume contractions accompanying solidification of aluminium-copper alloys 8-52791
- Cnare, E.C., Cowan, M., Wright, T.P., Tucker, W.K. Pulsed power conversion with inductive storage 8-55029
- Cnops, A.M., Connolly, P.L., Kahn, S.A., Kirk, H.G., Murtagh, M.J., Palmer, R.B., Samios, N.P., Tanaka, M., Baitay, C., Carombalis, D., French, H., Hibbs, M., Hylton, R., Kalelkar, M., Shastri, K. Measurement of the cross section for the process $\nu_\mu + e^- \rightarrow \nu_\mu + e^-$ at high energies 8-78167
- Cnops, A.M. *see* Baitay, C. 8-70354
- Cnops, A.M. *see* Kalelkar, M. 8-89700
- Co, A., Bird, R.B. Slow viscoelastic radial flow between parallel discs 8-67223
- Coakley, R.W., Mitchell, R.S., Hunt, J.L., Stevens, J.R. Study of polymerizing styrene through depolarized light scattering 8-53206
- Coakley, T.J. *see* Viegas, J.R. 8-71365
- Coakley, W.T. *see* Morris, J.V. 8-59185
- Coantic, M. *see* Baldy, S. 8-85734
- Coantic, M.F. An introduction to turbulence in geophysics, and air-sea interactions 8-92953
- Coates, D., Crossland, W.A., Morrissey, J.H., Needham, B. A variable tilt smectic A electro-optic effect giving stored colours 8-51415
- Coates, D., Crossland, W.A., Morrissey, J.H., Needham, B. Electrically induced scattering textures in smectic A phases and their electrical reversal 8-83725
- Coates, D., Crossland, W.A., Morrissey, J.H., Needham, B. Electrically induced scattering textures in smectic A phases and their electrical reversal 8-91236
- Coates, E. Scanning the spectrum of instruments for colour 8-93747
- Coates, P.B. Functional approximation to the standard thermocouple reference tables 8-81973
- Coates, P.D., Ward, I.M. The plastic deformation behaviour of linear polyethylene and polyoxymethylene 8-84910
- Coates, R., Dutton, J., Harris, F.M. Electrical breakdown of nitrogen at high electric fields 8-79488
- Coatsworth, L.L., Bancroft, G.M., Creber, D.K., Lazier, R.J.D., Jacobs, P.W.M. Charged particle oscillator and hollow cathode He(II) lamps for high resolution photoelectron studies: C 2s spectrum of CH₄ and Hg 5d_{5/2} spectrum of (CH₃)₂Hg 8-74700
- Coatsworth, L.L. *see* Bancroft, G.M. 8-50579
- Cobb, J.H., Iwata, S., Palmer, R.B., Rahm, D., Rehak, P., Stumer, I., Fabjan, C.W., Fowler, E.D., Mannelli, I., Mouzourakis, P., Nakamura, K., Nappi, A., Struckzinski, W., Willis, W.J., Goldberg, M., Horwitz, N., Moneti, G.C., Kourkoumelis, C., Resvanis, L.K., Filippas, T.A., Lankford, A.J. Production of e^+e^- and π^0 pairs at the ISR 8-89749
- Cobb, J.H., Iwata, S., Palmer, R.B., Rahm, D.C., Rehak, R., Stumer, I., Fabjan, C.W., Fowler, E.C., Mannelli, I., Mouzourakis, P., Nakamura, K., Nappi, A., Struckzinski, W., Willis, W.J., Goldberg, M., Horwitz, N., Moneti, G.C., Kourkoumelis, C., Resvanis, L.K., Filippas, T.A., Lankford, A.J. Azimuthal correlations of high-transverse-momentum π^0 pairs 8-62469
- Cobb, J.H., Miller, D.J., Rosso, E. Pre-triggered flash tubes for particle detection 8-82579
- Cobb, J.H. *see* Allison, W.W.M. 8-70696
- Cobb, M., Moran, T.F., Borkman, R.F., Childs, R. Ab initio potential energy curves for H₂-H₂⁺ interactions 8-78769
- Cobb, P.D., Kasse, K.R., Bjarngard, B.E. Radiation exposure of nursing personnel to brachytherapy patients 8-85384
- Cobbold, P.R. *see* Quinquis, H. 8-53652
- Cobelli, C., Rescigno, A. Some observations on the physical realizability of compartmental models with delays 8-53313
- Cobern, M.E. *see* Fortune, H.T. 8-54674, 8-66287, 8-74308, 8-78396
- Cobern, M.E. *see* Mateja, J.F. 8-78266
- Cobern, M.E. *see* Moore, G.E. 8-62548
- Cobern, M.E. *see* Mordechai, S. 8-70542
- Cobet, V. *see* Millner, R. 8-85349
- Cobian-Rozak, M.C. *see* Montestruque, L.A. 8-89885
- Cobine, J.D. *see* Watkins, D.C. 8-53711
- Coble, R.L. *see* Johnson, W.C. 8-64511
- Cobourn, W.G., Husar, R.B., Husar, J.D. Continuous in situ monitoring of ambient particulate sulfur using flame photometry and thermal analysis 8-96296
- Coburn, J.W., Winters, H.F. Mechanisms in plasma etching 8-72905
- Coccorese, E. *see* Ciscato, D. 8-58497
- Cochet, G., Mellottee, H., Delbourgo, R. Experimental investigation of the gas phase in chemical vapor deposition reaction. Application to the silane-ammonia reaction leading to silicon nitride deposits 8-52681
- Cochran, R.L., Heiftje, G.M. Device for selective spectral-line modulation atomic absorption spectrometry 8-89546
- Cochrane, N.A., Wright, J.A. Geomagnetic sounding near the northern termination of the Appalachian System 8-61314
- Cochrane, R.W., Hedgcock, F.T., Strom-Olsen, J.O., Williams, G. Magnetic anisotropy of CeAl₂ 8-52243
- Cochrane, R.W., Strom-Olsen, J., Williams, G., Lienard, A., Rebouillat, J.P. Magnetic and transport properties of amorphous NiY and FeY 8-68018
- Cochrane, R.W., Strom-Olsen, J.O., Williams, G. LuGd: A system exhibiting positive exchange coupling between conduction electrons and localised magnetic moments 8-68158
- Cochrane, T., Earnshaw, J.C. Laser Doppler measurements in spatially restricted flows 8-71409
- Cocito, G., Esposito, F., Vezzoni, E. High-precision scanning automatized bench for investigations on optical coupling losses 8-83124
- Cocito, M. *see* Della Mea, G. 8-80824
- Cockburn, D.M. A foot-operated camera trip for the Nikon photo slit lamp 8-80986
- Cocke, C.L. *see* Gardner, R.K. 8-66493
- Cocke, C.L. *see* Horsdal Pedersen, E. 8-58794
- Cocke, W.J. Stimulated emission and absorption in classical systems 8-63047
- Cocke, W.J. *see* Scott, J.S. 8-53775
- Cockerill, I.P. *see* Baker, C. 8-86918
- Cockroft, A.M. Canonical Wiener processes 8-57856
- Cocks, F.H. *see* Flink, J.M. 8-54450
- Cocks, G.G. Chemical microscopy 8-85221
- Cocks, G.J., Baker, T.J., Billingham, J. Unidirectional solidification of cobalt-base eutectic alloys 8-52790
- Cocks, H. *see* Pickles, B.W. 8-72863
- Cocu, F. *see* Cindro, N. 8-54665
- Codastefano, P., Di Russo, A., Zanza, V. New apparatus for accurate diffusion measurements in fluids 8-54520
- Codastefano, P., Ricci, M.A., Zanza, V. Behaviour of the self-diffusion coefficient of Kr at low densities 8-67302
- Codastefano, P., Rocca, D., Zanza, V. Resolution and luminosity of a neutron diffraction spectrometer for liquid or amorphous samples analysis 8-87591
- Coddet, C. *see* Sarrazin, P. 8-76787
- Coddington, P. *see* Brodbeck, T.J. 8-58261
- Code, R.F. *see* Higinbotham, J. 8-64281
- Codling, K., Hamley, J.R., West, J.B. The absolute photoabsorption cross section of atomic cadmium from the 4d threshold to 250 eV 8-58613
- Cody, G.D., Stephens, R.B. Optical properties of a microscopically textured surface 8-56443
- Cody, R.J. *see* Donn, B. 8-61798
- Coe, M.J., Engel, A.R., Quenby, J.J., Carpenter, G.F., Bell-Burnell, S.J., Davison, P.J.N. The X-ray source Serpens X-1: Ariel 5 observations and discussion of models for the spectrum and time variability 8-81707
- Coe, M.J., Quenby, J.J., Engel, A.R. Hard X-ray observations of cosmic γ -ray sources 8-73774
- Coe, M.J. *see* Engel, A.R. 8-53826
- Coe, R.S., Gromme, S., Mankinen, E.A. Geomagnetic paleointensities from radiocarbonated lava flows on Hawaii and the question of the Pacific nondipole low 8-61324
- Coe, R.S. *see* Vaughan, P.J. 8-57198
- Coelho, H.T., Das, T.K., Vallieres, M. A basis expansion for the hyperspherical approach in a simple triton model 8-54693
- Coelho, H.T. *see* Adhikari, S.K. 8-54714
- Coelho, H.T. *see* Vallieres, M. 8-82274
- Coelho, R., Scaife, B.K.P. On the force exerted on an electric charge immersed in a polarised, non-conducting, dielectric fluid 8-78872
- Coelho, R. *see* Bodegom, E. 8-91248
- Coelho, R. *see* Teisseyre, Y. 8-80458
- Coello-Vera, A.E., Schlusser, L., Fontana, J.R., Wade, G. Motion effects in scanned acoustic holography 8-71249
- Coen, V., Kolbe, H., Orecchia, L., Sasaki, T. Influence of hydrogen on the lithium compatibility of AISI 316 and 304 type stainless steels 8-68844
- Coetzer, F.J. *see* Brink, J.A. 8-94314
- Coetzer, J. *see* Pistorius, C.W.F.T. 8-59792
- Coey, J.M. *see* Tsuei, C.C. 8-83896
- Coey, J.M.D. Amorphous magnetic order 8-68173
- Coey, J.M.D., Von Molnar, S. Linear specific heat of an amorphous magnet due to single-ion excitations 8-91874
- Coey, J.M.D. *see* Chappert, J. 8-52401
- Coey, J.M.D. *see* Holtzberg, F. 8-68237
- Coey, J.M.D. *see* Taylor, R.C. 8-68312
- Coey, M., Ballet, O. Greenalite. A metamagnetic clay mineral 8-88817
- Coffeen, D.L. *see* Russell, E.E. 8-57429
- Coffeen, D.L. *see* Azzam, R.M.A. (editor) 8-54437
- Coffey, B., Friedberg, R. Effect of short range Coulomb interaction on cooperative spontaneous emission 8-58619
- Coffey, D., Manz, A., Settles, R., Reucroft, S., Roos, C.E. The 11.7 T solenoid of the hyperon bubble chamber 8-50435
- Coffey, P., Mattson, D.R., Wright, J.C. A programmable GC/FT-IR system 8-92560
- Coffey, W.T. On the application of the theory of the translational Brownian movement to the calculation of the differential cross-sections for the incoherent scattering of slow neutrons 8-75504
- Coffey, W.T., Evans, M.W. Probability density functions for the translational itinerant oscillator 8-59726
- Coffey, W.T., Paranjape, B.V. Dielectric and Kerr effect relaxation in alternating electric fields 8-80284
- Coffey, W.T. *see* Reid, C.J. 8-76379
- Coffin, C.T. *see* Bell, J. 8-54625, 8-93872, 8-93873
- Coffin, J.B. *see* Birtwell, E.P. 8-51153
- Coffin, J.P., Engelstein, P., Gallmann, A., Heusch, B., Wagner, P., Wegner, H.E. ¹⁸O+¹²C and ¹⁸O+¹³C fusion-evaporation reactions 8-66311
- Coffin, J.P. *see* Oeschler, H. 8-82382
- Coffin, L.F. Fatigue at high temperature 8-56773
- Coffman, F.E., Head, C.R. An overview of near-term magnetic confinement fusion reactor designs 8-58413
- Cogan, A.I. Qualitative observations in visual science: 'the Farnsworth shelf'. Fusion at the site of the 'ghosts' 8-69090
- Cogan, A.I. The other role of vergence eye movements 8-85315
- Cogger, L.L. *see* Murphree, J.S. 8-77384
- Coggiola, M.J. *see* Grant, E.R. 8-82800
- Coghlan, W.A. *see* Packan, N.H. 8-79648
- Cogne, A., Robert, J.-B., Wiesenfeld, L. ¹⁵N and ³¹P magnetic resonance spectra of P(N(CH₃)₂)₂ in liquid crystal. Geometry and phosphorus chemical shift anisotropy 8-82751
- Cogswell, F.N. Converging flow and stretching flow: a compilation 8-71374
- Cohan, C.S. *see* McClellan, A.D. 8-61293
- Cohen, A., Ehrenfreund, E., Guggenheim, H.J. Nuclear magnetic resonance and relaxation studies of the linear ferromagnet CsNiF₃ 8-52371
- Cohen, A., Kleiman, M. On the measurement of atmospheric aerosol concentration by a lidar 8-85693
- Cohen, A., Kleiman, M., Cooney, J. Lidar measurements of rotational Raman and double scattering 8-77318
- Cohen, B. How to use infrared microscopy to non-destructively evaluate [die attach] wire bonds [on Si chips] 8-95867
- Cohen, B.A., Myklebust, J. Evoked potential measurement and analysis on a small laboratory computer 8-92729
- Cohen, B.I., Kaufman, A.N. Effects of heat-wave electron trapping on stimulated Raman and Thomson scattering 8-51308
- Cohen, B.I., Tang, W.M. Non-linear saturation of the trapped-ion mode by mode coupling in two dimensions 8-87446
- Cohen, B.I. *see* Byers, J.A. 8-67403
- Cohen, B.L., Jow, H.N., Lee, I.S. Methods for calculating population dose from atmospheric dispersion of radioactivity 8-85381
- Cohen, C., Leal, L.G. Light scattering from spheroids in shear flows. I. The orientation correlation 8-76481
- Cohen, C. *see* Vibert, P. 8-53361
- Cohen, D. *see* Kramer, S.L. 8-66158
- Cohen, D.K., Potts, J.E. Light transmission through reflecting cylindrical tubes 8-73812
- Cohen, E. *see* Laker, K.R. 8-66991
- Cohen, E.A. *see* Kakar, R.K. 8-70821
- Cohen, E.G.D. Toward absolute zero 8-69958
- Cohen, H. Wave decay in nonhomogeneous elastic rods 8-83278
- Cohen, H.I. *see* Bark, F.H. 8-55652
- Cohen, I., Bark, F. Perturbation calculations for the spin-up problem using REDUCE 8-75147
- Cohen, I., Erickson, R., Messing, F., Nordberg, E., Siemann, R., Smith-Kintner, J., Stein, P., Drews, G., Gebert, W., Joos, P., Ladage, A., Nagel, H., Soding, P., Sadoff, A. Inclusive K_s⁰ and Λ electroproduction 8-66123
- Cohen, I. *see* Hondeghem, L.M. 8-77037
- Cohen, J.B. *see* James, M. 8-53058
- Cohen, J.B. *see* Terauchi, H. 8-56074, 8-79549, 8-79607
- Cohen, J.D., Slichter, C.P. A theory relating NMR satellite data to the electronic structure of iron group atoms in copper 8-68398

- Cohen, J.D. *see* Akita, M. 8-53404
- Cohen, J.G. Abundances in globular cluster red giants. I. M3 and M13 8-93334
- Cohen, J.G., Frogel, J.A., Persson, S.E. Infrared photometry, bolometric magnitudes and effective temperatures for giants in M3, M13, M92 and M67 8-57595
- Cohen, J.G. *see* Aaronson, M. 8-89227
- Cohen, J.G. *see* Margon, B. 8-53985
- Cohen, J.M. *see* Arenstorf, R.F. 8-53978
- Cohen, J.M. *see* Kearney, M.W. 8-77480
- Cohen, J.S., Collins, L.A., Lane, N.F. Theory of inelastic collisions between long-lying excited and ground state Ne atoms 8-66652
- Cohen, L. The tensor virial theorem in quantum mechanics 8-86182
- Cohen, L., Feldman, U., Doschek, G.A. XUV spectra of the 1973 June 15 solar flare observed from Skylab. III. A list of spectral lines from 1000 to 1940 Å 8-89139
- Cohen, L.G., DiMarcello, F.V., Fleming, J.W., French, W.G., Simpson, J.R., Weiszmann, E. Pulse dispersion properties of fibres with various material constituents 8-71204
- Cohen, L.G. *see* Sandberg, I.W. 8-55442
- Cohen, M. Observational studies of star formation: a personal overview 8-93215
- Cohen, M. The fading of an extremely young T Tauri star and its associated nebula 8-93236
- Cohen, M., Lewis, R.R. Optical studies of embedded infrared sources 8-96520
- Cohen, M., McEachran, R.P. Theoretical ionization energies and oscillator strengths for carbon 8-86823
- Cohen, M., Vogel, S.N. Wolf-Rayet stars. VIII. 2- to 4-μm spectrophotometry of late WC stars 8-96491
- Cohen, M.H., Jortner, J., Webman, I. The electronic properties of inhomogeneous materials; metal-nonmetal transitions 8-56073
- Cohen, M.H., Jortner, J., Webman, I. Percolation conductivity in granular metal films 8-84319
- Cohen, M.H. *see* Price, D.L. 8-88412
- Cohen, M.L. *see* Allen, P.B. 8-60106
- Cohen, M.L. *see* Conrad, W.A. 8-59488
- Cohen, M.L. *see* Ho, K.M. 8-79916, 8-91801
- Cohen, M.L. *see* Ihm, J. 8-52086, 8-95364
- Cohen, M.L. *see* Kerker, G.P. 8-52050, 8-76128
- Cohen, M.L. *see* Larsen, P.K. 8-56041
- Cohen, M.L. *see* Louie, S.G. 8-67785
- Cohen, M.L. *see* Pickett, W.E. 8-52066, 8-91747, 8-95339
- Cohen, M.L. *see* Schluter, M. 8-52051
- Cohen, M.L. *see* Zunger, A. 8-72058
- Cohen, P.I., Einstein, T.L., Elam, W.T., Fukuda, Y., Park, R.L. Extended fine structure above vanadium L-shell appearance potential thresholds 8-92148
- Cohen, P.I. *see* den Boer, M.L. 8-72642
- Cohen, P.I. *see* Elam, W.T. 8-72647
- Cohen, R.E. *see* Ramos, A.R. 8-83349
- Cohen, R.H., Rensink, M.E., Cutler, T.A., Mirin, A.A. Collisional loss of electrostatically confined species in a magnetic mirror 8-79455
- Cohen, R.H., Rowlands, G., Foote, J.H. Nonadiabaticity in mirror machines 8-55740
- Cohen, R.L., Miller, G.L., West, K.W. Nuclear resonance excitation by synchrotron radiation 8-78363
- Cohen, R.S. *see* O'Nions, R.K. 8-61395
- Cohen, R.W. Applying psychophysics to display design 8-65017
- Cohen, S., Rendon-Diazmirion, L.E., Steinfink, H. Phases in the $\text{Ba}_2\text{Fe}_{1-x}\text{S}_x$ series: The structure of $\beta\text{-Ba}_2\text{Fe}_4\text{S}_{15}$ and its low-temperature α polymorph 8-67690
- Cohen, S.A. Tokamak plasma diagnosis by surface physics techniques 8-94936
- Cohen, S.G. *see* Werber, M.M. 8-76998
- Cohen, S.M., Ogawa, S., Rottenberg, H., Glynn, P., Yamane, T., Brown, T.R., Shulman, R.G., Williamson, J.R. ^{31}P nuclear magnetic resonance studies of isolated rat liver cells 8-61150
- Cohen, S.M. *see* Jameson, C.J. 8-58720
- Cohen, U. Some prospective application of silicon electrodeposition from molten fluorides to solar cell fabrication 8-76611
- Cohen, Y. *see* Besnard, M. 8-73118
- Cohen Solal, G.W. *see* Domens, P. 8-64153
- Cohen-Addad, J.P. Entangled polymer chain solutions. Interpretation of the dipolar spin coupling modulation effect observed on NMR spectra 8-56381
- Cohen-Tannoudji, C., Reynaud, S. Spontaneous Raman effect in intense laser fields 8-86802
- Cohen-Tannoudji, G., Hayot, F., Peschanski, R. Dual unitarization approach to current-induced reactions 8-74233
- Cohen-Tenoudji, F. *see* Jungman, A. 8-60974
- Cohen-Tenoudji, F. *see* Tittmann, B.R. 8-76793
- Cohill, K., Comtet, A. Scalar-vector instantons in n-dimensions: surface terms 8-49958
- Cohler, M.D. *see* Satchler, G.R. 8-58295
- Cohn, D.R., Cook, D.L., Kaplan, D., Kreischer, K., Montgomery, D.B., Parker, R.R., Williams, J.E.C., Weggel, C., Jassby, D.L., Okabayashi, M. Compact high-field ignition test reactor (HFITR) using biter magnets 8-58417
- Cohn, D.R., Jassby, D.L., Kreischer, K. Neutral-beam requirements for compression-boostered ignited Tokamak plasmas 8-78494
- Cohn, D.R. *see* Woskoboinikow, P. 8-67446
- Cohn, H. *see* Parsignault, D.R. 8-81716
- Cohn, I. *see* Warner, F.W. 8-53466
- Cohn, J. Hyperbolic motion and radiation 8-49587
- Cohn, J. Transformation properties of electric and magnetic fields 8-49589
- Cohn, M.Z., Abdel-Rohman, M. Shakedown analysis of elastoplastic arches 8-51091
- Cohn, T.E. Detection of 1-of-M orthogonal signals: asymptotic equivalence of likelihood ratio and multiband models 8-71045
- Cohn, T.E. *see* Greenhouse, D.S. 8-65005
- Cohn, T.E. *see* Saleh, B.E.A. 8-53395
- Coic, L. *see* Palvadeau, P. 8-51512
- Coing-Boyot, J., Averbuch-Pouchot, M.T., Guitel, J.C. Crystal structure of γ -barium polyphosphate $\gamma\text{-Ba}(\text{PO}_3)_2$ 8-91314
- Coiro, V.M., Liquori, A.M., De Santis, P., Lazarella, L. The structure of poly(methyl methacrylate) 8-66699
- Coisson, R., Paracchini, C., Schianchi, G. Electroluminescence in an epoxy resin 8-56522
- Coisy, P., Nicolas, A. Regional structure and geodynamics of the upper mantle beneath the Massif Central 8-81120
- Cojocaru, E. Spontaneously generated magnetic field in a laser produced plasma 8-51324
- Cojocaru, E. *see* Apostol, D. 8-75428
- Cok, D.R. On the perturbations of a close-Earth satellite due to lunar inequalities 8-53786
- Coker, R.D. *see* Nriagu, J.O. 8-81361
- Coker, W.R. *see* Hoffman, G.W. 8-54760
- Coker, W.R. *see* Hoffmann, G.W. 8-70526
- Coker, W.R. *see* Ray, L. 8-74367
- Col, G.F. Del *see* Del Col, G.F.
- Col, J., Marchand, E., Sansdrap, J., Pouleur, H. On-line determination of cardiac output by thermodilution in a coronary care unit 8-81021
- Col, J. *see* Bachy, J.-L. 8-81026
- Cola, M. *see* Azzoni, C.B. 8-52350
- Colacino, M., Dell'Oso, L. The local atmospheric circulation in the Rome area: surface observations 8-81264
- Colandrea, M.A. *see* Turner, D.A. 8-73205
- Colavita, P.A., Bustos, V.A. Optimum spacing for a pair of thick circular coils of square section 8-71001
- Colb, K.G. *see* Wedler, G. 8-91530
- Colbert, C. *see* Bailey, J. 8-85376
- Colbert, J.C. *see* Prosen, E.J. 8-57130
- Colbourne, D., Frost, D.C., McDowell, C.A., Westwood, N.P.C. The photoelectron spectra of the isoelectronic molecules hypochlorous acid HOCl and chloramine NH_2Cl 8-66600
- Colbourne, D., Frost, D.C., McDowell, C.A., Westwood, N.P.C. The photoelectron spectra of the chloramines NH_2Cl , NHCl_2 , NCl_3 and the methyl chloramines CH_3NHCl , CH_3NCl_2 , and $(\text{CH}_3)_2\text{NCl}$ 8-86911
- Colburn, D.S. *see* Wright, M.L. 8-69524
- Colburn, H.S., Latimer, J.S. Theory of binaural interaction based on auditory-nerve data. III. Joint dependence on interaural time and amplitude differences in discrimination and detection 8-92637
- Colburn, H.S. *see* Stern, R.M., Jr. 8-92640
- Colburn, T.R. *see* Resnik, J.A. 8-92763
- Colburn, W.S., Chang, B.J. Photoconductor-thermoplastic image transducer 8-83098
- Colburn, W.S. *see* Fienup, J.R. 8-74869
- Colby, K.M., Christinaz, D., Graham, S. A computer driven, personal, portable, and intelligent speech prosthesis 8-92745
- Coldea, M. *see* Burzo, E. 8-84503
- Coldea, M. *see* Pop, I. 8-95527
- Coldewey, R.W. *see* Hsieh, C.K. 8-90875
- Cole, A.J. *see* Koang, D.H. 8-74388
- Cole, B.E., Dexter, R.N. Empirical photoabsorption cross sections for C, N, O, F and Cl obtained from molecular measurements between 50 and 340 Å 8-58718
- Cole, J.H. Effect of ageing on the hardness and tensile properties of aluminium alloy 7001 with special reference to the influence of delay time between the quenching and ageing treatments 8-92286
- Cole, K.D. *see* Carter, C.L. 8-61697
- Cole, M.L. *see* Weygandt, C.N. 8-53435
- Cole, M.W., Goodstein, D.L., Savoia, A., Scaramuzzi, F. Report on the use of ion mobilities to study phase transitions in liquid ^4He 8-87833
- Cole, M.W., Schmeits, M. Physical adsorption for non-planar geometries 8-79887
- Cole, M.W., Toigo, F. Structural transition for positive impurity ions in fluids 8-51770
- Cole, M.W. *see* Carlos, W.E. 8-92162
- Cole, M.W. *see* Schwartz, C. 8-72676
- Cole, P.T. The generation and reception of ultrasonic surface waves in mild steel at high temperatures 8-95901
- Cole, P.T. *see* Wilson, D.M. 8-60973
- Cole, R. *see* Schultz, R.R. 8-90649
- Cole, R.A., Jakimik, J., Cooper, W.E. Perceptibility of phonetic features in fluent speech 8-92635
- Cole, R.E. *see* Pepper, R.L. 8-80882, 8-85314
- Cole, R.H. Point charge versus multipole fields in induced absorption 8-74637
- Cole, R.H., McCarthy, J.S., Minehart, R.C., Wadlinger, E.A. Measurement of the π -d elastic differential scattering cross section for momenta from 343 to 637 MeV/c 8-50215
- Cole, R.H. *see* Hall, D.G. 8-68440
- Cole, R.S., Ho, K.L., Mavroukoulakis, N.D. The effect of the outer scale of turbulence and wavelength on scintillation fading at millimeter wavelengths 8-85623
- Cole, R.S. *see* Ho, K.L. 8-61496, 8-81316
- Cole, R.S. *see* Mousley, T.J. 8-87226
- Cole, S. X-ray NDT systems to meet nuclear industry's standards 8-72940
- Cole, T., Kotthaus, J.P., Theis, T.N., Stiles, P.J. High frequency conductivity of two-dimensional electrons in a superlattice 8-64055
- Cole, T. *see* Lakhani, A.A. 8-64080
- Cole, T. *see* West, L.C. 8-64284
- Cole, T.R. *see* Hanks, K.W. 8-54886
- Cole, T.R. *see* Hansborough, L.D. 8-55744
- Cole, T.W. Optical reconstruction of aperture synthesis data 8-69702
- Cole, T.W. Electrooptical array processor for complex signals 8-94428
- Cole, T.W., Milne, D.K. An acousto-optical radio spectrograph for spectral integration 8-69694
- Cole, T.W., Stewart, R.T., Milne, D.K. An acousto-optical solar radio spectrograph 8-73631
- Colella, O. *see* Houben, J.L. 8-84647
- Coleman, A.J. The convex structure of electrons 8-62685
- Coleman, B.D., Owen, D.R. On the thermodynamics of semi-systems with restrictions on the accessibility of states 8-70080
- Coleman, B.D., Owen, D.R. Thermodynamics of elastic-plastic materials 8-71272
- Coleman, B.D., Renninger, G.H. Theory of spatially synchronised oscillatory responses in the retina of Limulus 8-73158
- Coleman, C.I. Field-enhancement of photoemission from cesium telluride 8-72677
- Coleman, C.I. *see* Boggess, A. 8-96382, 8-96383
- Coleman, D.M., Walters, J.P. Design of a large, rigid, modular optical bed for versatile optical and spectroscopic experimentation 8-83129
- Coleman, D.M. *see* Scheeline, A. 8-49908
- Coleman, G. *see* Wilkerson, M.S. 8-93447
- Coleman, G.D. *see* Adams, M.T. 8-89248
- Coleman, G.D. *see* Worden, S.P. 8-77580
- Coleman, J. *see* Michel, R.G. 8-83061
- Coleman, J.E. *see* Armitage, I.M. 8-68999
- Coleman, J.J., Nash, F.R. Zinc contamination and misplaced p-n junctions in InP-GaInPAs DH lasers 8-87051
- Coleman, J.J. *see* Chang, R.P.H. 8-88032
- Coleman, L.W., Attwood, D.T., Brooks, K., Boyle, M., Campbell, E.M., Ceglie, N.M., Kalibjian, R., Lerche, R.A., Slivinsky, V.W. Diagnostics for laser fusion implosion experiments 8-51362
- Coleman, L.W. *see* Storm, E.K. 8-74471
- Coleman, M.C., Price, A.T., Williams, J.A. Crack growth in pressure vessels under creep conditions 8-60827
- Coleman, M.J. *see* Truman, J.E. 8-80668
- Coleman, M.M., Petcavich, R.J. Fourier transform infrared studies on the thermal degradation of polyacrylonitrile 8-92474
- Coleman, P.D. *see* Leap, J.W. 8-90414
- Coleman, P.D. *see* Malk, E.G. 8-71084
- Coleman, P.J., Jr. *see* Hood, L. 8-61764
- Coleman, P.J., Jr. *see* Weiss, H. 8-89030
- Coleman, R.V., Clark, J.M., Korman, C.S. IETS with applications to biology and surface physics 8-92770
- Coleman, R.V. *see* Fleming, R.M. 8-51975
- Coleman, S., Thun, H.J. On the prosaic origin of the double poles in the sine-Gordon S-matrix 8-70292
- Coleman, T.G., Mesick, H.C., Darby, R.L. Numerical integration. A method for improving solution stability in models of the circulation 8-69118
- Coles, B.R. d electrons as current carriers and electron scatterers 8-91689
- Coles, B.R., Sarkissian, B.V.B. Competing interactions in FCC transition metal alloys 8-95453
- Coles, B.R., Sarkissian, B.V.B., Taylor, R.H. The role of finite magnetic clusters in Au-Fe alloys near the percolation concentration 8-72371
- Coles, H.J. The laser and electrical Kerr effect in pentyloxy-cyanobiphenyl 8-68477

- Coles, H.J.** The guest-host interaction in liquid crystals. I. A new fast dichroic shutter 8-74988
- Coles, H.J.** The guest-host interaction in liquid crystals. II. A new fast fluorescent shutter 8-83092
- Coles, R.L., Clark, J.F.** The central magnetic anomaly, Manicouagan structure, Quebec 8-81169
- Coles, W.A., Harmon, J.K.** Interplanetary scintillation measurements of the electron density power spectrum in the solar wind 8-77448
- Coles, W.A., Harmon, J.K., Lazarus, A.J., Sullivan, J.D.** Comparison of 74-MHz interplanetary scintillation and IMP 7 observations of the solar wind during 1973 8-89033
- Coles, W.A., Kaufman, J.J.** Solar wind velocity estimation from multi-station IPS 8-73601
- Colestock, P.L., Connor, K.A., Hickok, R.L., Dandl, R.A.** Direct measurement of plasma space potential on Elmo bumpy torus 8-67414
- Colestock, P.L.** *see* Steel, D.G. 8-55742
- Colin, H., Guiochon, G.** The deposition of pyrocarbon on carbon blacks 8-68921
- Colin, H.** *see* Hajibrahim, S.K. 8-61078
- Collin, R.** *see* Carleer, M. 8-74657
- Collacott, R.A.** Condition monitoring—sound and vibrations 8-83181
- Collard, H.R.** *see* Dryer, M. 8-57422
- Colle, R., Montagnani, R., Riani, P., Salvetti, O.** An iterative process to calculate the SCF open shell orbitals 8-90066
- Colle, R., Montagnani, R., Riani, P., Salvetti, O.** Molecular orbitals for excited states of atoms and molecules 8-90099
- Collecott, P.S.** The renormalization of several composite operator insertions, Wilson expansions of composite operators, and the applications to short-distance behaviour 8-54535
- Collecott, P.S.** A points-splitting and dimensional renormalization 8-86402
- Collecott, P.S.** Generalized Wilson expansions in dimensional renormalization 8-86403
- Colleraïne, A.P., Holland, M.M., Kamperschroer, J.H., Berkern, K.H.** The Doublet III neutral beam injection system 8-54970
- Collet, B.** Higher order surface couplings in elastic ferromagnets 8-79212
- Collet, J.** *see* Maaref, M. 8-76535
- Collet, O.** *see* Lemonnier, M. 8-62272
- Collet, P., Eckmann, J.P.** A renormalization group analysis of the hierarchical model in statistical mechanics 8-81921
- Collett, E.** *see* Wolf, E. 8-66751
- Collewijn, H., Winterson, B.J., Dubois, M.F.W.** Optokinetic eye movements in albino rabbits: inversion in anterior visual field 8-77052
- Colley, D.C.** *see* Erriquez, O. 8-78170
- Collier, F., Cottin, P.** Efficient VUV xenon excimer laser ($\lambda=172$ nm) at 6 atm 8-50793
- Collier, F., Thieff, G., Cottin, P.** Long-pulse N₂UV laser from a N₂-CF₄ mixture 8-63067
- Collier, M.** Ultimate locking angles for conjugate and monoclinic kink bands 8-88821
- Collier, R.D.** *see* Leung, K.N. 8-55080
- Collier, S.S.** Photoconductivity and luminescence of an AgBr:I emulsion at -186°C as a function of incident light intensity 8-64063
- Collin, G.** *see* Besrest, F. 8-51499
- Collin, J.E.** *see* Natalis, P. 8-50583
- Collins, R.E., Plonsey, R.** A note on dipole sources in conducting biological tissues 8-64915
- Collin-Souffrin, S.** Self consistent models for the emissive regions of quasars and Seyfert nuclei 8-57686
- Colling, L.** *see* Clark, D.T. 8-62844
- Collings, E.W.** Anomalous electrical resistivity and magnetic susceptibility temperature dependences in Ti-V alloys exhibiting reversible soft-phonon-induced structural inhomogeneities 8-60104
- Collings, E.W.** *see* White, J.J. 8-60252
- Collings, I.L., Grimshaw, R.** Supercritical flow of an ideal fluid over a spillway 8-94638
- Collins, A.J., Husni, M., Jones, R.M.** A versatile high-magnification Kerr magneto-optic microscope 8-58023
- Collins, A.L.W., Taplin, D.M.R.** High temperature creep-fatigue fracture in Cu-Cr alloys 8-64674
- Collins, A.L.W., Taplin, D.M.R.** An experimental fracture map for uranium 8-95803
- Collins, A.T.** Migration of nitrogen in electron-irradiated type Ib diamond 8-56505
- Collins, A.T.** High-resolution optical spectra of the GR defect in diamond 8-56515
- Collins, A.T.** Investigating artificially coloured diamonds 8-65281
- Collins, A.T.** Fine structure in the GR1 cathodoluminescence from natural semiconducting diamond 8-68566
- Collins, A.T., Rafique, S.** Photocapacity measurements on natural semiconducting diamond 8-52057
- Collins, C.B.** The road to singularities, and the roses on the way 8-93568
- Collins, C.B., Carroll, J.M., Taylor, K.N.** Gain and saturation of the nitrogen ion laser 8-79001
- Collins, C.B., Lee, F.W.** Measurement of the rate coefficients for the bimolecular and termolecular ion-molecule reactions of He₂⁺ with selected atomic and molecular species 8-53188
- Collins, C.B., Taylor, K.N., Lee, F.W.** Dyes pumped by the nitrogen ion laser 8-74903
- Collins, C.B.** *see* Lee, F.W. 8-64823
- Collins, C.B.** *see* Marowsky, G. 8-58984, 8-74898
- Collins, D.A.** *see* Lile, D.L. 8-76087
- Collins, D.M.** Extrapolative filtering. I. Maximization of resolution for one-dimensional positive density functions 8-75506
- Collins, F.A., Hawkins, J.A.** Approximate ellipsoidal-Earth equations for mapping and fix-taking calculations 8-73303
- Collins, G.I.** *see* Adam, N. 8-61172
- Collins, G.J.** *see* Butterfield, K.B. 8-66653
- Collins, G.J.** *see* de Hoog, F.J. 8-66800
- Collins, G.J.** *see* McNeil, J.R. 8-66809
- Collins, G.J.** *see* Warner, B.E. 8-82953
- Collins, G.S., Benczer-Koller, N.** Nuclear quadrupole interaction in tin metal 8-56412
- Collins, H.E.** U.S. Radiological Emergency Response Planning and Preparedness Training Programs (fixed nuclear facilities and transportation) 8-57079
- Collins, J.** Low-energy manifestations of heavy particles: Application to the neutral current 8-82140
- Collins, J.C., Soper, D.E.** Large order expansion in perturbation theory 8-54525
- Collins, K.M.** *see* Delany, M.E. 8-59196
- Collins, L.A., Norcross, D.W.** Electron collisions with highly polar molecules: Comparison of model, static, and static-exchange calculations for alkali-metal halides 8-94321
- Collins, L.A.** *see* Cohen, J.S. 8-66652
- Collins, L.A.** *see* Morrison, M.A. 8-58824
- Collins, L.F., Linde, Y., Self, S.A.** Spherical probes for corona discharges 8-79467
- Collins, M.A., Ross, J.** Chemical relaxation pulses and waves. Analysis of lowest order multiple time scale expansion 8-68874
- Collins, M.A., Simpson, R.L.** Flowfield prediction of separating turbulent shear layers 8-71321
- Collins, M.A.** *see* Simpson, R.L. 8-71320
- Collins, M.J., Cullen, J.K., Jr.** Temporal integration of tone glides 8-57013
- Collins, M.W.** Heat transfer by laminar combined convection in a vertical tube—predictions for water 8-90894
- Collins, M.W.** *see* Szpiro, O. 8-90895
- Collins, P.D.B., Wright, A.D.M.** Prediction of elastic and total cross sections using the Reggeon-photon coupling analogy 8-78193
- Collins, P.D.B., Wright, A.D.M.** Elastic scattering and the Reggeon-photon coupling analogy 8-78204
- Collins, P.R.** *see* Start, D.F.H. 8-59620
- Collins, R.** Preferential sputtering of binary alloys with diffusion: the equilibrium distribution 8-68592
- Collins, R.** *see* Carter, G. 8-67753
- Collins, R.A.** *see* Buonaquisti, A.D. 8-52645
- Collins, R.A.** *see* Morris, J.R. 8-64768
- Collins, R.J.** Dynamic destinations: a method for removing redundant operations in the front algorithm 8-62064
- Collins, R.L.** Quantitative Mossbauer analysis 8-56410
- Collins, R.L.** Choked expansion of subcooled water and the IHE flow model 8-91034
- Collins, S., Arzbaecher, R.C.** Automated intravenous antiarrhythmic drug infusion 8-81058
- Collins, S.A., Jr.** Numerical optical data processor 8-78947
- Collins, T.** *see* Tauber, A. 8-64469
- Collins, T.W.** *see* Holmstrom, F.E. 8-60209
- Collins, W.** *see* Chiu, H.-Y. 8-88943
- Collins, W.C., Geer, M.O.** Real time recording medium: photodichroic KF:LiF 8-71174
- Collins, W.C., Greer, M.O.** Real-time recording medium: photodichroic KF:LiF 8-66878
- Collins, W.D.** Dual extremum principles for the heat equation 8-70077
- Collins, W.M., Glyde, H.R.** Two phonon scattering in solid neon 8-59910
- Collins, W.R.** *see* Wallingford, E.E. 8-57092
- Collins, W.W.** *see* Chapman, T.W. 8-67168
- Collis, R.T.H., Hake, R.D., Russell, P.B., Bowhill, S.A.** Lidar in space 8-61602
- Collison, P.** *see* Ratcliffe, R.A.S. 8-73479
- Collocott, S.J., Taylor, K.N.R.** Magneto-optical properties of erbium-doped soda glass 8-80318
- Colomb, A., Samaras, D., Chenavas, J., Marezio, M., Joubert, J.C., Bochu, B., Desc-hizeaux, M.N.** Neutron diffraction and magnetic properties of a series of ferrimagnetic oxides with perovskite-like structure 8-52214
- Colomb, A., Samaras, D., Fillion, G., Desc-hizeaux, M.N., Joubert, J.C.** Magnetic structure of the new perovskite-like ferrimagnet ThCu₃Mn₄O₁₂ 8-52222
- Colomb, A.** *see* Meyer, C. 8-84505
- Colomb, A.** *see* Samaras, D. 8-52224
- Collongues, R.** *see* Michel, D. 8-60567
- Collver, M.M.** Metastable silicon-transition-metal films as temperature-independent resistors 8-68097
- Collver, M.M., Hammond, R.H.** Stability of amorphous transition-metal films 8-63948
- Colmenares, C.** *see* Bastasz, R. 8-71775
- Colomban, P., Badot, J.C.** Production of superionic conducting anisotropic ceramics (Na⁺BAl₃O₇) by microwave heating 8-52742
- Colombi, B.** *see* Morelli, C. 8-65209
- Colombini, E., Yip, G.L.** A novel monomolecular-layered-film anisotropic optical waveguide for integrated optics 8-66954
- Colombini, E.** *see* Yip, G.L. 8-66923
- Colombo, E., De Leo, R., Escudie, J.L., Fabrici, E., Micheletti, S., Pignaneli, M., Resmini, F.** Systematic 'anomalous' features of proton elastic scattering related to shell structure 8-54752
- Colombo, L., Furic, K., Kirin, D.** Dynamics of organic molecular crystals 8-64356
- Colombo, L.** *see* Abasbegovic, N. 8-56484
- Colombo, T.** *see* Benedetti, R. 8-59026
- Colonna, F.P.** *see* Bernardi, F. 8-82786
- Colp, J.** *see* Aki, K. 8-73338
- Colpa, J.H.P.** Diagonalization of the quadratic boson hamiltonian 8-93600
- Colpa, J.H.P.** *see* Lebesque, J.V. 8-91855
- Colpa, J.P., Brown, R.E.** The inequality formulation of Hund's rule and a reinterpretation of singlet-triplet energy differences, generalized for molecules at equilibrium geometry 8-66482
- Colpa, J.P., Seiff, F., Stehlik, D.** Magnetic field dependence of phosphorescence intensity and optical nuclear polarization (ONP) as a result of level-anti-crossing (LAC) and relaxation in excited triplet states 8-91992
- Colson, J.C.** *see* Steinbrunn, A. 8-64888
- Colson, S.D.** *see* Nieman, G.C. 8-58756, 8-74717
- Colson, S.D.** *see* Vaida, V. 8-60489
- Coltman, R.R., Jr.** *see* Kerchner, H.R. 8-52179
- Coltman, R.R., Jr.** *see* Roberto, J.B. 8-51592
- Colton, D.** The scattering of acoustic waves by a spherically stratified inhomogeneous medium 8-71239
- Colton, D., Kress, R.** The construction of solutions to acoustic scattering problems in a spherically stratified medium 8-90557
- Colton, E., Auer, I.P., Beretvas, A., Hill, D., Nield, K., Sandler, B., Spinka, H., Underwood, D., Watanabe, Y., Yokosawa, A.** A ZGS beam transport for transverse or longitudinally polarized protons 8-55074
- Colton, E.** *see* Auer, I.P. 8-62433, 8-78206
- Colton, E.** *see* Aver, I.P. 8-62432
- Colton, J.P.** Spent fuel storage alternatives 8-74456
- Colucci, S.L., Weinstock, H.** Critical current enhancement in Nb₃Sn by low-temperature, fast-neutron induced flux pinning centers 8-52177
- Coluccia, S.** *see* Bocuzzi, F. 8-92063
- Coluccia, S.** *see* Che, M. 8-76296
- Colver, G.M.** *see* Cotroneo, J.A. 8-87409
- Colwell, R.** *see* Breitling, S.M. 8-59342
- Colwell, S.M., Handy, N.C.** Vibrational energies for triatomic molecules using a semi-classical trajectory method 8-58660
- Comanescu, V.** Lossy integrator response for time variable counting rate 8-90045
- Comas, J.** *see* McLevige, W.V. 8-79898, 8-84213
- Combasson, J.L., Farmery, B.W., McCulloch, D., Neilson, G.W., Thompson, M.W.** Heavy ion ranges in aluminium and silicon 8-63796
- Combaz, A.** *see* Oberlin, A. 8-56593
- Combes, F.** A model of tidal interaction within the NGC 4631 group of galaxies 8-54059
- Combes, F., Encenaz, P.J., Lucas, R., Welia-chew, L.** Carbon monoxide in the Sc galaxy NGC 5236 8-65689
- Combesure, M., Ginibre, J.** Scattering and local absorption for the Schrodinger operator 8-93546
- Combet, M.** *see* Agraives, B.C. 8-92434
- Combet Farnoux, F., Lamoureux, M., Taylor, K.T.** Photoionisation of K²⁺ using R-matrix theory 8-82702
- Combouret, J.** *see* Jourdain, J.L. 8-74673
- Combouret, J.** *see* Poulet, G. 8-64817, 8-85125
- Combridge, B.L.** Triple-jet production at large transverse momentum 8-93919
- Combs, J.** *see* Gupta, H.K. 8-92788
- Combs, L.L.** A linear combination of molecular orbital formalism 8-62693
- Combs, L.L., Rossie, M.** Anomalous energy minima surfaces 8-86791
- Comer, J.** Experimental studies of autoionizing states in molecules 8-58852

- Comer, J.** *see* Wilden, D.G. 8-62923
- Comer, J.J.** Electron microscope study of stacking fault formation in boron implanted silicon 8-51566
- Comer, R.P.,** Lathrop, J.D. Principle of equivalence and the deflection of light by the Sun 8-81729
- Comes, R.,** Pouget, J.P. Experimental studies of soft phonons at incommensurate phase transitions 8-75798
- Comes, R.** *see* Megtert, S. 8-51912
- Comfort, J.R.** *see* Daehnick, W.W. 8-82364
- Comfort, J.R.** *see* Fortune, H.T. 8-78352
- Comins, J.D.** *see* Catlow, C.R.A. 8-80365
- Comins, N.R.** Surface plasticity effects in dispersion-hardened copper-silica single crystals 8-52832
- Cominsky, L.,** Clark, G.W., Li, F., Mayer, W., Rappaport, S. Discovery of 3.6-s X-ray pulsations from 4U 0115+63 8-61939
- Cominsky, L.,** Jones, C., Forman, W., Hananbaum, H. Transient X-ray sources in the galactic plane 8-93460
- Cominsky, L.** *see* Rindplay, J.E. 8-81708
- Cominsky, L.** *see* Rappaport, S. 8-93470
- Comisarow, M.B.,** Grassi, V., Parisod, G. Fourier transform ion cyclotron double resonance 8-80808
- Comiso, J.C.,** Wadlinger, E.A., Ziock, H.J., Ziock, K.O.H., Ziock, K.P. A study of the reactions (π^+ ,2p), (π^+ ,pd), and (π^+ ,p³He) in ⁷Li and ¹²C 8-89916
- Comiso, J.C.** *see* Doering, R.R. 8-62555
- Commisso, R.J.** *see* Hansborough, L.D. 8-55744
- Communay, P.** Analysis of an ion beam from an inductively coupled h.f. source A method of measuring the optical parameters of the gun from the energy spectrum only 8-89590
- Communay, P.H.** Magnetic analysis of an ion beam from an inductively coupled HF source. Formation of ion images by ionization of the residual gas within the microscope. Study of the 'ion aberration' phenomenon 8-55293
- Comminakis, P.E.** *see* Papazachos, B.C. 8-69309
- Comminou, M.** The interface crack 8-59346
- Comminou, M.,** Dundurs, J. Can two solids slide without slipping? 8-51136
- Comminou, M.** *see* Keer, L.M. 8-90784
- Como, M.,** Grimaldi, A. Lyapunov stability of the Euler column 8-71285
- Compaan, A.** Resonance Raman scattering with tunable lasers 8-94247
- Compaan, A.,** Wiener-Avnear, E., Chandra, S. Second order coherent Raman scattering 8-58707
- Compaan, A.** *see* Habiger, R.M. 8-76465
- Companion, A.L.** A new diatomics-in-molecules study of Li₃ and Li₄ 8-74785
- Compton, D.A.C.** *see* Durig, J.R. 8-94250
- Compton, R.G.** *see* Albery, W.J. 8-64853
- Compton, R.N.,** Reinhardt, P.W., Cooper, C.D. Collisional ionization between fast alkali atoms and selected hexafluoride molecules 8-55226
- Compton, R.N.,** Reinhardt, P.W., Cooper, C.D. Collisional ionization between alkali atoms and some methane derivatives: electron affinities for CH₃NO₂, CF₃I, and CF₃Br 8-66639
- Compton, R.N.** *see* Klotz, C.E. 8-90296, 8-90307
- Compton, R.N.** *see* Warmack, R.J. 8-70970
- Comsan, M.N.H.** The mechanism of the P31(d,p)P32 reaction at low deuteron energies 8-74371
- Comstock, R.J.,** Stupp, S.I., Carr, S.H. Thermally stimulated discharge currents from polyacrylonitrile 8-52431
- Comte, C.** *see* Stebe, B. 8-76496
- Comtet, A.** *see* Cahill, K. 8-49958
- Comyn, M.** A drift chamber array for the measurement of electron trajectories 8-82593
- Conaway, J.E.,** Smith, E.F., Rogers, L.B. Device for controlling and programming a pneumatic amplifier pump in a supercritical fluid chromatograph 8-88665
- Conaway, J.G.,** Beck, A.E. Fine-scale correlation between temperature gradient logs and lithology 8-61416
- Conaway, J.G.** *see* Killeen, P.G. 8-85706
- Conchon, O.** Quaternary studies in Corsica (France) 8-57234
- Conconi, P.** *see* Broglia, P. 8-89206
- Condat, C.A.** *see* Prato, D.P. 8-49605
- Condat, M.,** Fayard, M. Elastic energies of disassociated Frank loops in f.c.c. metals and alloys 8-75671
- Conde, M.C.** *see* Perez *see* Perez Conde, M.C.
- Conder, T.M.,** Anderson, R.H. Flexible abrasion-resistant coated film 8-66890
- Condie, R.** The log Pearson type 3 distribution: the T-year event and its asymptotic standard error by maximum likelihood theory 8-61470
- Condit, C.D.** Distribution and relations of 4- to 10-km-diameter craters to global geologic units of Mars 8-65528
- Condit, W.C.** Second-generation design calculations of the field-reversed mirror reactor 8-58465
- Condit, W.C.** *see* Byers, J.A. 8-67403
- Condolff, R.,** Fixler, S. Thermostructural and mechanical aspects of the IFTR plasma limiter design 8-54910
- Condon, E.U.** Tunneling-how it all started 8-54141
- Condon, J.J.,** Dressel, L.L. Statistical counts of faint sources at 2380 MHz 8-65706
- Condon, J.J.** *see* Dressel, L.L. 8-57470
- Condon, J.J.** *see* Jauncey, D.L. 8-93450
- Condon, J.J.** *see* Peterson, B.A. 8-65710
- Condon, J.J.** *see* Wolfe, A.M. 8-65680
- Condon, P.** *see* Bacino, W. 8-70351
- Cone, G.** GaAs lasers 8-87053
- Cone, R.L.,** Wolf, W.P. Anisotropic exchange effects in optical spectra: Er³⁺ in ferromagnetic Tb(OH)₃ 8-80141
- Conely, J.,** Davison, M. A video processor to facilitate computer calculation of pressure-volume indices from left ventriculograms 8-53495
- Conetti, S.,** Hojvat, C., Ryan, D.G., Shahbazian, K., Stairs, D.G., Trischuk, J., Faissler, W., Gettner, M., Johnson, J.R., Kephart, T., Pothier, E., Potter, D., Tautz, M., Baranov, P., Hartmann, J.L., Orear, J., Rusakov, S., Vrieslander, J. 400 GeV/c pp elastic scattering: energy and angle dependence at high momentum transfer 8-93905
- Coney, J.E.R.,** Atkinson, J. The effect of Taylor vortex flow on the radial forces in an annulus having variable eccentricity and axial flow 8-94749
- Conflant, P.,** Boivin, J.-C., Thomas, D. Study of the isostructural series M^{III}Bi₂O₄: PbBi₂O₄ 8-51516
- Conforti, C.** *see* Del Giallo, F. 8-93724
- Conforto, G.** *see* Alibrant, P. 8-50026
- Conforto, G.** *see* Baker, R.D. 8-70404
- Conforto, G.** *see* Barra, O.A. 8-93004
- Congedo, T.** *see* Roy, J.N. 8-86478
- Congiu, S.** *see* Bombi, F. 8-62619
- Coniglio, A.** *see* Klein, W. 8-93620
- Conkic, Y.U.** *see* Janjic, J.D. 8-90185
- Conkie, A.** *see* Whitehead, R.R. 8-62492
- Conkie, W.R.** *see* Hall, D.S. 8-63647
- Conking, A.,** Munro, F. Lamellar reorientations in low density polyethylene 8-84914
- Conley, J.E.** *see* White, W.B. 8-80987
- Conlon, T.F.** *see* Barnes, C.W. 8-61690
- Conn, R.W.** First wall and divertor plate material selection in fusion reactors 8-94129
- Conn, R.W.,** Abdel-Khalik, S.I., Moses, G.A. SOLASE, a laser fusion reactor study 8-58424
- Conn, R.W.,** Moses, G.A., Abdel-Khalik, S.I. Laser fusion for electric power production 8-50315
- Conn, R.W.,** Teofilio, V.L., Leonard, B.R., Jr., Perry, R.T., Bampton, M.C.C., McKinnon, M.A., Bloomster, C.H., Fassbender, L.L., Young, J.R. TDHR-A tokamak demonstration hybrid reactor 8-58418
- Conn, R.W.** *see* Abdel-Khalik, S.I. 8-58425
- Conn, R.W.** *see* Howard, J.E. 8-58491
- Conn, R.W.** *see* Lao, L.L. 8-79456
- Conn, R.W.** *see* Michaelson, P.F. 8-54931
- Conn, R.W.** *see* Moses, G.A. 8-58426
- Conn, R.W.** *see* Ragheb, M.M.H. 8-62603, 8-74464
- Conneely, M.J.** *see* Lipsky, L. 8-62736
- Connolly, J.A.** *see* Walker, S.S. 8-70111
- Conner, G.R.** Combination analysis of metal oxides using ESCA, AES, and SIMS 8-72924
- Conner, G.R.,** McGinnis, P.F. New modular surface analysis system 8-73107
- Connerade, J.P.** Vapour containment techniques for synchrotron radiation spectroscopy 8-66688
- Connerade, J.P.** Controlling the collapse of atomic wavefunctions 8-70733
- Connerade, J.P.** On the coupling of a Rydberg series of discrete levels to a continuum of finite bandwidth 8-74603
- Connerade, J.P.** The controlled raising of discrete levels into the far continuum 8-78624
- Connerade, J.P.** The non-Rydberg spectroscopy of atoms 8-90127
- Connors, R.W.** *see* Kelly, J.C. 8-77113
- Connetti, S.** *see* Hartmann, J. 8-62460
- Connolly, J.F.** *see* Bateman, J.E. 8-53493
- Connolly, P.L.** *see* Baltay, C. 8-70354
- Connolly, P.L.** *see* Cnops, A.M. 8-78167
- Connolly, P.L.** *see* Kalelkar, M. 8-89700
- Connor, B.V.** *see* Frandsen, A.M.A. 8-85795
- Connor, J.A.,** Considine, M., Hillier, I.H. Low energy photoelectron spectroscopy of solids-photoelectron spectra of carbonate, phosphate, sulphate, triborate and ethanoate ions 8-95656
- Connor, J.J.** *see* Buyukozturk, O. 8-94054
- Connor, J.N.L.,** Jakubetz, W. Rainbow scattering in atomic collisions: A Regge pole analysis 8-58774
- Connor, J.N.L.,** Jakubetz, W., Manz, J. The F+H₂ ($v=0$)→FH ($v'\leq 3$)+H reaction: quantum collisional reaction probabilities on three different potential energy surfaces 8-64829
- Connor, K.A.** *see* Colestock, P.L. 8-67414
- Connor, M.A.,** Carr, A.D. Heat transfer in vertical tubes under conditions of mixed free and forced convection 8-90897
- Connor, W.G.** *see* Cetas, T.C. 8-53561
- Connor, W.K.** The behavior of noise exposure variables in an urban noise survey sample 8-87192
- Connors, H.J., Jr.** Fluidelastic vibration of heat exchanger tube arrays 8-94615
- Conover, W.** *see* Gassner, M. 8-78729
- Conrad, H.,** Ertl, G., Kupperts, J. Interactions between oxygen and carbon monoxide on a Pd(111) surface 8-87871
- Conrad, H.,** Raghuraman, S., Sargent, G.A. Ductile fracture of Ti-5Al-2.5Sn at low temperatures 8-64659
- Conrad, H.** *see* Demeri, M.Y. 8-67060
- Conrad, H.** *see* Okazaki, K. 8-64576
- Conrad, H.M.,** Stiller, H.H. Critical neutron scattering at the nematic-smectic A phase transition in CBOOA 8-95135
- Conrad, H.M.,** Stiller, H.H., Frischkorn, C.G.B., Richardson, R.M. Dynamic critical scattering near the smectic-A-nematic phase transition in CBOOA 8-79752
- Conrad, J.,** Zeh, H.D. On the reliability of the Re/Os chronometer 8-85919
- Conrad, J.R.** Optimum discharge parameters for beam-plasma ion sources 8-59617
- Conrad, J.R.** Neutral-beam divergence due to imperfect magnetic shielding 8-78489
- Conrad, M.** Electron pairing as a source of cyclic instabilities in enzyme catalysis 8-95953
- Conrad, M.P.,** Schaefer, H.F., III. Role of different isomers of the H₂CN⁺ ion in the formation of interstellar HCN and HNC 8-81672
- Conrad, M.P.** *see* Lucchese, R.R. 8-70755
- Conrad, R.,** Lillberg, J.W., Wilkins, J.R. Scylla IV-P computer based control and data acquisition system 8-62621
- Conrad, W.A.,** Cohen, M.L., McQueen, D.M. Note on the oscillations of collapsible tubes 8-59488
- Conrads, H.,** Giesen, B., Schwarz, U., Stickelmann, C., Wolf, G.H. The design of the toroidal field magnet of TEXTOR 8-50348
- Conrads, H.** *see* Belitz, H.J. 8-50382
- Conrads, H.** *see* Salge, J. 8-63601
- Considine, M.** *see* Connor, J.A. 8-95656
- Consolmagno, G.J.,** Lewis, J.S. The evolution of icy satellite interiors and surfaces 8-61771
- Consortini, A.,** Pasqualetti, F. Comparison of various diffraction formulas in a study of open resonators 8-87077
- Consortini, A.,** Ronchi, L. Detector nonlinearity effects on the statistics of a fluctuating signal [laser propagation in turbulent atmosphere] 8-55301
- Constable, F.H.** *see* Iscan, M. 8-64887
- Constable, J.H.,** Shi, Y.C., Gaines, J.R. Relaxation of in-plane and out-of-plane oH₂ pairs 8-56394
- Constable, J.H.** *see* Gaines, J.R. 8-52374
- Constanciel, R.,** Tapia, O. On the theory of solvent effects. The virtual charge model to represent the solvent polarization 8-74593
- Constant, E.** *see* Zimmermann, J. 8-72184
- Constantin, E.** *see* Atanasiu, G. 8-55759
- Constantinesco, A.,** Schwerdt, H., Dumitrescu, B., Chambron, J. A new cross correlation technique for the measurement of mean blood velocity using a catheter 8-80943
- Constantinescu, G.** *see* Ivascu, M. 8-66199
- Constantinides, E.R.** *see* Laughlin, C. 8-70788
- Constantino, U.** *see* Alberti, G. 8-76915
- Conta, C.** *see* Goggi, G. 8-89739, 8-89740
- Contamin, O.,** Levart, E., Schuhmann, D. Study of the concentration impedance in a thin layer cell. I. Diffusion, pure or accompanied by a first order chemical reaction 8-53213
- Contamin, O.,** Levart, E., Schuhmann, D. Study of the concentration impedance on a thin-layer cell. III. Diffusion coupled to a fast first-order chemical reaction 8-73053
- Contamin, O.** *see* Schuhmann, D. 8-53214
- Conte, D.,** Ford, R.D., Lupton, W.H., Vitkovitsky, I.M. Two stage opening switch techniques for generation of high inductive voltages 8-55034
- Conte, D.** *see* Lupton, W.H. 8-54948
- Conte, R.** *see* Heller, M. 8-70689
- Contelec, M.** *see* Le Contelec, M.
- Conti, M.** *see* Barra, O. 8-75061, 8-75062
- Conti, M.** *see* Cavallini, F. 8-54828
- Conti, P.S.** *see* Morrison, N.D. 8-93308
- Conti, V.J.,** Williams, A.W. Changes in the initial photoelectric current of spatial growth experiments 8-67566
- Contin, A.** *see* Basile, M. 8-70416, 8-74240
- Continentino, M.A.,** Rivier, N. On the resistivity of amorphous ferromagnets 8-64021
- Contini, M.,** Kozlovsky, B.Z., Shaviv, G. The effect of the shock wave hydrodynamics on the spectra of the Crab Nebula filaments 8-85997

- Contogouris, A.P.**, Gaskell, R., Nicolaidis, A. Scale-violating quark model for large- p , processes. Two-hadron inclusive reactions and correlations 8-74292
- Contogouris, A.P.**, Gaskell, R., Papadopoulos, S. Parton transverse momenta and quantum-chromodynamic effects in large- p , hadron production 8-66083
- Contogouris, A.P.**, Papadopoulos, S. Quantum chromodynamics predictions for muon pair production at zero and nonzero rapidities 8-89674
- Contois, L.E.** *see* Borsenberger, P.M. 8-76104
- Contoni, A.** Kirlian photography 8-49916
- Contopoulos, G.** Disappearance of integrals in systems of more than two degrees of freedom 8-77471
- Contour, J.P.**, Guerin, I., Mouvier, G. A study of the adsorption of organic micropollutants on chrysotile and crocidolite 8-80790
- Contreras, H.** *see* Rosenbluth, E. 8-73834
- Contri, R.** *see* Forino, A. 8-78220
- Conture, E.G.**, McCall, G.N., Brewer, D.W. Laryngeal behavior during stuttering 8-65057
- Conversi, M.**, Federici, L. Flash chambers of plastic material 8-55106
- Conversi, M.** *see* Federici, L. 8-55107
- Convert, P.** *see* Nagele, W. 8-84390
- Convert, P.** *see* Riekel, C. 8-55786
- Conway, B.E.**, Angerstein-Kozłowska, H., Sharp, W.B.A. Temperature and pressure effects on surface processes at noble metal electrodes. I. Entropy of chemisorption of H at Pt surfaces 8-84059
- Conway, B.E.**, Currie, J.C. Temperature and pressure effects on surface processes at noble metal electrodes. II. Volume of adsorbed H and oxygen species at Pt and Au 8-84060
- Conway, B.E.** *see* Novak, D.M. 8-51863
- Conway, F.** Applied mathematics and statistics 8-57716
- Conway, J.G.** *see* Dietrich, D.D. 8-82685
- Conway, J.G.** *see* Paisner, J.A. 8-82701
- Conway, J.G.** *see* Shalimoff, G.V. 8-62758
- Conway, J.G.** *see* Worden, E.F. 8-66522, 8-94303
- Conway, R.** *see* Lane, A.L. 8-93133
- Conzemius, R.J.** *see* Schmidt, F.A. 8-59979
- Cook, A.H.** On the constitution of the Moon's mantle 8-85866
- Cook, D.L.**, Lidsky, L.M., Herring, S., Stephany, W. Design of the blanket and shield for a high-field compact Tokamak reactor (HFCTR) 8-74475
- Cook, D.L.** *see* Cohn, D.R. 8-58417
- Cook, D.S.** *see* Jacobs, H.R. 8-94548
- Cook, G.E.** *see* Sanderson, L.W. 8-73279
- Cook, G.R.** *see* Murcray, D.G. 8-81287
- Cook, H.E.** *see* Kajitani, T. 8-84796
- Cook, H.E.** *see* Suezawa, M. 8-83844
- Cook, I.** Application of the Novikov-Furutsu theorem to the random acceleration problem 8-59596
- Cook, J.L.** *see* Lang, D.W. 8-58131
- Cook, J.M.**, Zegarski, B.R., Miller, T.A. Production of quartet CN 8-68888
- Cook, J.M.** *see* Hills, G.W. 8-66571
- Cook, K.H.** *see* Ehmann, U.K. 8-53331
- Cook, K.V.**, Cunningham, R.A., Jr. Ultrasonic inspection methods for small-bore applications 8-80697
- Cook, L.M.** *see* Marangoni, R.D. 8-83284
- Cook, P.N.** *see* Kelly, J.C. 8-77113
- Cook, R.L.** *see* Chao, S. 8-66539
- Cook, T.S.**, Tracey, D.M. Stress distribution in a cracked bimaterial plate 8-75104
- Cooke, B.A.**, Fabian, A.C., Pringle, J.E. Upper limits to X-ray emission from colliding stellar winds 8-65607
- Cooke, C.M.**, Cookson, A.H. The nature and practice of gases as electrical insulators 8-83632
- Cooke, D.D.** *see* Kerker, M. 8-63010, 8-66755
- Cooke, D.W.** The thermoluminescence mechanism in LiF (TLD-100): Extension of the Mayhugh-Christy model 8-80425
- Cooke, D.W.**, Roberts, H.E., Alexander, C., Jr. Thermoluminescence and emission spectra of UV-grade Al_2O_3 from 90 to 500K 8-72615
- Cooke, J.F.**, Lingard, P.-A. Canonical transform theory of spin-waves in strongly anisotropic magnets 8-68197
- Cooke, K.E.**, Evans, N., Stoter, L., Steeds, J.W. Accurate crystallographic information from precipitates in 316 and related stainless steels 8-83698
- Cooke, M.J.** *see* Johnson, P.C. 8-83585, 8-87499
- Cooke, R.A.**, Nicholas, R.J., Stradling, R.A., Portal, J.C., Askenazy, S. The effects of high uniaxial stress on the far infra-red impurity spectra of high purity n- and p-type silicon 8-56508
- Cooke, R.A.** *see* Kaplan, R. 8-80027
- Cooke, R.D.**, Pastorek, C., Carlson, R.E., Decius, J.C. Infrared reflection of NaHF_2 and KHF_2 and the dipole derivatives of the HF_2^- ion 8-80324
- Cooke, W.E.**, Gallagher, T.F. Dependence of Rydberg-state field-ionization thresholds on $|m|$ 8-58856
- Cooke, W.E.** *see* Gallagher, T.F. 8-58780
- Cooks, R.G.** *see* Kondrat, R.W. 8-92550
- Cooksey, M.M.** *see* Beatty, R.D. 8-85230
- Cookson, A.H.** *see* Cooke, C.M. 8-83632
- Cookson, J.A.**, Fowler, J.L., Hussain, M., Schwartz, R.B., Uttley, C.A. The angular distribution of neutron scattering from hydrogen at 27.3 MeV 8-62532
- Cookson, T.J.**, Butters, J.N., Pollard, H.C. Pulsed lasers in electronic speckle pattern interferometry 8-65961
- Cool, T.A.**, McGarvey, J.A., Jr., Erlandson, A.C. Two-photon excitation of mercury atoms by photodissociation of mercury halides 8-90114
- Cool, T.A.** *see* Fischell, D.R. 8-66817
- Coole, F.C.M.**, van Schaik, N., Hagedoorn, H.L. The influence of the single mode dye laser intensity on the sodium absorption D-lines 8-66491
- Cooleen, F.C.M.**, van Schaik, N., Steenhuyzen, L.W.G., Hagedoorn, H.L. Influence of the dye laser intensity of fluorescence measurements of the densities of neon 1s levels 8-67474
- Cooleen, F.C.M.** *see* Prins, M. 8-58620
- Cooley, C.R.** *see* Thorndike, A.S. 8-77733
- Cooley, R.E.** Automatic multi-phase sampling device 8-89548
- Cooley, W.L.** Respiratory monitors [calibration and troubleshooting] 8-69236
- Coombe, R.D.**, Pritt, A.T., Jr., Pilipovich, D. Production of excited N_2 and NF by the reaction of nitrogen atoms with O_2F radicals 8-63106
- Coombe, R.D.** *see* Pritt, A.T., Jr. 8-63114
- Coombes, R.** *see* Slater, W.E. 8-86729
- Coombs, A.** *see* Richard, V.M. 8-95462
- Coon, D.D.** *see* Banavar, J.R. 8-72124
- Cooney, J.** *see* Cohen, A. 8-77318
- Coons, F.** *see* Beran, D.W. 8-53694
- Cooper, A.L.** *see* Burton, R.L. 8-54903
- Cooper, A.L.** *see* Turchi, P.J. 8-54902
- Cooper, A.M.**, Ganguli, S.N., Malhotra, P.K., Raghavan, R., Subramanian, A., Gurtu, A., Hamatsu, R., Montanet, L., Dobrzynski, L., Nacasch, R., Aguilar-Benitez, M., Cerrada, M., Fernandez, E., Rubio, J.A. Inclusive production of $K^{*+}(892)$ and K^0 in $\bar{p}p$ annihilations at 0.76 GeV/c 8-62465
- Cooper, A.M.**, Ganguli, S.N., Malhotra, P.K., Raghavan, R., Subramanian, A., Gurtu, A., Montanet, L., Dobrzynski, L., Nacasch, R., Aguilar-Benitez, M., Garcon, J.A., Rubio, J.A. A study of KK correlations in $\bar{p}p$ annihilations at 0.76 GeV/c 8-78205
- Cooper, A.M.** *see* Aguilar-Benitez, M. 8-82228
- Cooper, A.M.** *see* Hamatsu, R. 8-66141
- Cooper, A.M.** *see* Nacasch, R. 8-54646
- Cooper, A.R.** *see* Abou-el-Leil, M. 8-68771
- Cooper, A.R.** *see* Sane, A.Y. 8-90803
- Cooper, A.R.**, Jr. *see* Berg, J.I. 8-67815
- Cooper, A.S.** *see* Allen, S.J., Jr. 8-72512
- Cooper, A.S.** *see* McWhan, D.B. 8-71725
- Cooper, A.W.** *see* Crittenden, E.C., Jr. 8-85695
- Cooper, B.R.** *see* Faber, J., Jr. 8-83946
- Cooper, B.R.** *see* Krakauer, H. 8-95331
- Cooper, C.D.** *see* Compton, R.N. 8-55226, 8-66639
- Cooper, D.R.**, Leung, Y.-K., Heatley, F., Booth, C. Crystallinity and fusion of low molecular weight, α,ω -alkoxy-poly(ethylene oxide): methoxy to octadecyloxy end-groups 8-51448
- Cooper, F.**, Blewett, P. Pressure generation due to a temperature discontinuity at a liquid-liquid plane interface 8-51197
- Cooper, F.**, Guralnik, G., Snyderman, N. Is the Fermi theory of weak interactions a Yang-Mills theory in disguise? 8-66071
- Cooper, G.A.**, Piggott, M.R. Cracking and fracture in composites 8-60772
- Cooper, G.W.** Laser design considerations for an inertially confined fusion reactor 8-58423
- Cooper, G.W.** *see* Moses, G.A. 8-58426
- Cooper, I.L.**, Harrison, J.A. A comment on orientational models for the solvent at the electrode-electrolyte interface 8-61017
- Cooper, I.L.** *see* Amos, A.T. 8-62688
- Cooper, J.**, Warshowsky, J. Lateral displacement as a response cue in the Titmus Stereo test 8-56983
- Cooper, J.** *see* Miljak, M. 8-60264
- Cooper, J.W.** Errors in computer data handling 8-92543
- Cooper, J.W.**, Aberg, T. Shaking processes in β -decay 8-54725
- Cooper, K.F.**, Mutafelija, B.A. Control system optimization for a large pressurized water reactor steam supply system 8-50251
- Cooper, L.K.**, Fulkerson, D.E., Stauffer, N.L. Linear ILC automatically focuses camera lens 8-54480
- Cooper, L.K.** *see* Fulkerson, D.E. 8-82069
- Cooper, L.N.** *see* Berkcan, E. 8-66036
- Cooper, L.R.** *see* Singer, I.L. 8-72662
- Cooper, M.** *see* Holt, R.S. 8-50597
- Cooper, M.D.** *see* Burman, R.L. 8-70573
- Cooper, M.G.**, Judd, A.M., Pike, R.A. Shape and departure of single bubbles growing at a wall 8-90647
- Cooper, M.R.** The sedimentary environment of the Dewater Group in Rhodesia 8-53650
- Cooper, P.G.**, Rayner, J.G., Nicol, S.K. Flow equation for coagulated suspensions 8-63487
- Cooper, P.J.** *see* Durig, J.R. 8-50544, 8-84586
- Cooper, P.S.** *see* Alguard, M.J. 8-70376
- Cooper, P.S.** *see* Benvenuti, A. 8-82196
- Cooper, R.B.** *see* Kazmerski, L.L. 8-67928, 8-72648
- Cooper, R.E.** Toughness-porosity phenomena 8-72874
- Cooper, S.L.** *see* Lilaonitkul, A. 8-51438
- Cooper, S.L.** *see* West, J.C. 8-91268
- Cooper, W.D.**, Marsden, R.S. Origin of charge on colloidal particles in butanol 8-85211
- Cooper, W.E.** *see* Cole, R.A. 8-92635
- Cooper, W.E.** *see* Herbert, M.L. 8-54631
- Cooper, W.S.** *see* Berkner, K.H. 8-66377
- Cooper, W.S.** *see* Burrell, C.F. 8-54933
- Cooper, W.S.** *see* Molvik, A.W. 8-54917
- Cooperstein, G.**, Goldstein, S.A., Lee, R., Mosher, D., Stephanakis, S.J. Production and focussing of intense light-ion beams 8-50322
- Cooperstein, G.** *see* Goldstein, S.A. 8-58898
- Cooperstock, F.I.**, de la Cruz, V. Sources for the Reissner-Nordstrom metric 8-93575
- Cooperstock, F.I.**, Sarracino, R.S. The localisation of energy in general relativity 8-49728
- Coote, N.C.T.**, Macfarlane, A.J. Classical theory of the interaction between a spinor field and the gravitational field: first-order field equations 8-93569
- Copeland, G.E.** *see* Rogowski, R.S. 8-58679
- Copeland, R.L.**, Adamski, J.L., Neff, H.P., Jr., Bennett, W.H., Morrow, D.L. A simulation model for the FX-75 relativistic electron beam accelerator 8-58506
- Copeland, T.R.** *see* Barrett, P. 8-92542
- Copeland, T.R.** *see* Hieftje, G.M. 8-85224
- Copenhaver, W.C.**, Rieger, P.H. Oxygen-17 magnetic resonance study of oxygen exchange between arsenite ion and solvent water 8-92459
- Copenhagen, D.R.** *see* Leeper, H.F. 8-92627
- Copigneaux, P.**, Galewski, J.M. Determination of the critical rate of expansion of a compressible fluid 8-55659
- Coplan, M.A.**, Ogilvie, K.W., Bochsler, P.A., Geiss, J. Ion composition experiment [Isee-C] 8-85793
- Coplan, M.A.** *see* Moore, J.H. 8-58872
- Coplan, M.A.** *see* Skillman, T.L., Jr. 8-90049
- Copland, G.M.**, Balasubramanian, G., Newman, D.J. Configuration interaction contributions to the correlation crystal field in Pr^{3+} 8-56111
- Copland, G.M.** *see* Salleh, M.M. 8-95271
- Copland, W.A.**, Wild, S.R., McDicken, W.N. New grey tone rapid process films for ultrasound imaging 8-96081
- Coppendale, J.** *see* Adams, R.D. 8-63397
- Coppens, P.** Overcoming the free-atom bias with modified least-squares formalisms 8-71632
- Coppens, P.** What systems can be studied, have been studied, and should be studied? (charge density mapping) 8-71696
- Coppens, P.**, Hansen, N.K. The combination of aspherical-atom least-squares refinements with Fourier methods in the study of electron distributions 8-71633
- Coppens, P.**, Stevens, E.D. Static versus dynamic densities [crystallography] 8-71635
- Coppens, P.** *see* Stevens, E.D. 8-82634, 8-91185
- Coppersmith, S.N.** *see* Tsui, D.C. 8-60230
- Copperthwaite, R.G.**, Kunze, O.A., Lloyd, J., Neely, J.A., Tuma, W. Surface analysis of InSb by X-ray photoelectron spectroscopy (XPS) 8-56029
- Coppi, B.**, Spight, C. Ion-mixing mode and model for density rise in confined plasmas 8-79409
- Coppi, B.** *see* Ara, G. 8-71463
- Coppi, B.** *see* Brunelli, B. 8-54874
- Coppi, B.** *see* Rosner, R. 8-53895
- Copping, N.A.** *see* Melvin, J.D. 8-73532
- Coppola, M.** *see* Broerse, J.J. 8-82532
- Coppola, R.**, Tabor, R., Buchsbaum, M.S. Signal to noise ratio and response variability measurements in single trial evoked potentials 8-61159
- Cops, A.** *see* Steenackers, P. 8-75013
- Cogblin, B.** The electronic structure of rare-earth metals and alloys. The magnetic heavy rare-earths 8-60259
- Cogblin, B.**, Iglesias-Sicardi, J.R., Jullien, R. Spin fluctuations in metals: application to the actinides 8-91869
- Cogblin, B.** *see* Bastide, J.P. 8-83973
- Cogblin, B.** *see* Bhattacharjee, A.K. 8-84406, 8-95287
- Cogblin, B.** *see* Bhattacharjee, A.K. 8-95428
- Cogblin, B.** *see* Iglesias-Sicardi, J.R. 8-56133, 8-84197

- Coquant, C.** *see* Niay, P. 8-62847, 8-86863
- Coquereaux, R.,** de Rafael, E. The ratio of the magnetic to the electric proton form factors in quantum chromodynamics 8-70340
- Coquillet, B.,** Vincent, L., Guiraldenq, P. Evidence of successive stages of fatigue damage of a metastable austenite Fe-Cr-Ni, through simultaneous examination of different static and dynamic properties 8-88516
- Coradini, A.,** Magni, G., Federico, C. Grains accretion processes in a protoplanetary nebula: effects of the presence of liquid drops 8-85862
- Corana, A.** *see* Bianco, B. 8-89463
- Corato, M.** *Di see* Di Corato, M.
- Corazza, G.C.,** Magnani, B. Critical evaluation of usefulness and reliability of telephone transmission in clinical electrocardiography 8-57108
- Corazzari, T.** *see* Casalini, G. 8-76021
- Corben, H.C.** The ϕ , f' , F_1 , K spectrum 8-58121
- Corbett, F.J.** *see* Horwitz, B.A. 8-83100
- Corbett, I.F.** *see* Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Corbett, J.M.** *see* Orcheson, J.N. 8-84102
- Corbett, J.V.,** Hurst, C.A. Are wave functions uniquely determined by their position and momentum distributions? 8-93548
- Corbett, J.W.** *see* Bourgoin, J.C. 8-67847
- Corbett, J.W.** *see* Grazhulis, V.A. 8-72434
- Corbett, J.W.** *see* Mooney, P.M. 8-76023
- Corbett, J.W.** *see* Peak, D. 8-67705
- Corbett, W.T.** *see* Spencer, W.J. 8-53565
- Corbin, R.J.,** Nygaard, K.J., Snow, W.R., Scheerer, L.D. Production of Cl^- -HCl cluster ions in HCl-N_2 mixtures 8-68884
- Corbin, R.J.** *see* Nygaard, K.J. 8-66616
- Corcia, A.** *Di see* Di Corcia, A.
- Corciovei, A.,** Mazilu, D., Mihalache, D. Quadrupolar-paramagnetic critical temperature of a spin-one isotropic Heisenberg film with biquadratic interactions 8-64210
- Corcoran, C.T.** *see* Bruch, L.W. 8-62946
- Corcoran, J.,** Ferrier, H. Melting holes in metal films for real-time, high density digital data storage 8-71135
- Corcoran, M.D.,** Cormell, L., Cortez, C., Dris, M., Erwin, A.R., Gollon, P.J., Harvey, E.H., Kanofsky, A., Kononenko, W., Lazo, G., Loveless, R.J., O'Neill, E.M., Robinson, B., Selove, W., Thompson, M., Yost, B. Comparison of high- p events produced by pions and protons 8-70417
- Corcoran, M.D.,** Ems, S.C., Gray, S.W., Neal, H.A., Ogren, H.O., Polvado, R., Rust, D.R., Sauer, J.R. Polarization in p-p elastic scattering at high energies 8-50054
- Corcos, G.M.** *see* Sherman, F.S. 8-59444
- Corcos, J.,** Nomine, A.M., Mianay, D. Gaseous oxygen and hydrogen embrittlements of a U-10 Mo alloy 8-60811
- Cordani, B.** Quantization of a general system and application to the rigid sphere 8-57801
- Cordeiro, C.E.,** de Moura, M.A. Solitary waves in an isotropic ferromagnetic chain 8-64180
- Cordell, B.M.** Radial thickness variations of Orientale basin ejecta 8-89088
- Cordell, K.R.** *see* Doering, R.R. 8-62555
- Cordell, K.R.** *see* Thornton, S.T. 8-50070
- Corden, M.J.,** Dowell, J.D., Eastwood, D., Garvey, J., Homer, R.J., Jobs, M., Kenyon, I.R., McMahon, T., Corbett, I.F., Esterling, R.J., Lipman, N.H., Litchfield, P.J., Sumorok, K.C.T.O., Alexander, G., Dagan, S., Gnat, Y., Bellamy, E.H., Green, M.G., Harnew, N., Lister, J.B., Lister, J.R., March, P.V., Robertson, A.W., Stacey, B.J., Strong, J.A., Thomas, D.H. New data on the $\pi^+\pi^-$ angular distribution in the mass range 0.8-2.2 GeV/c² 8-58207
- Corden, M.J.,** Dowell, J.D., Garvey, J., Jobs, M., Kenyon, I.R., Mawson, J., McMahon, T., Corbett, I.F., Esterling, R.J., Lipman, N.H., Litchfield, P.J., Sumorok, K.C.T.O., Alexander, G., Dagan, S., Gnat, Y., Bellamy, E.H., Green, M.G., Harnew, N., Lister, J.B., Lister, J.R., March, P.V., Robertson, A.W., Stacey, B.J., Strong, J.A., Thomas, D.H. New data on the $\pi^+\pi^-$ angular distribution in the mass range 0.8-2.2 GeV/c² 8-58209
- Corden, M.J.,** Dowell, J.D., Garvey, J., Jobs, M., Kenyon, I.R., Mawson, J., McMahon, T., Corbett, I.F., Esterling, R.J., Lipman, N.H., Litchfield, P.J., Sumorok, K.C.T.O., Alexander, G., Dagan, S., Gnat, Y., Bellamy, E.H., Green, M.G., Harnew, N., Lister, J.B., Lister, J.R., March, P.V., Robertson, A.W., Stacey, B.J., Strong, J.A., Thomas, D.H. New data on the $\pi^+\pi^-$ angular distribution in the mass range 0.8-2.2 GeV/c² 8-66164
- Corden, M.J.,** Dowell, J.D., Garvey, J., Jobs, M., Kenyon, I.R., Mawson, J., McMahon, T., Corbett, I.F., Esterling, R.J., Lipman, N.H., Litchfield, P.J., Sumorok, K.C.T.O., Alexander, G., Dagan, S., Gnat, Y., Bellamy, E.H., Green, M.G., Harnew, N., Lister, J.B., Lister, J.R., March, P.V., Robertson, A.W., Stacey, B.J., Strong, J.A., Thomas, D.H. Production of A_2^0 and ω^* (1675) in the reaction $\pi^+\pi^-\pi^+\pi^-$ at 12 and 15 GeV/c 8-74283
- Corden, M.J.** *see* Baubillier, M. 8-93877
- Cordero, P.,** Teitelboim, C. Remarks on super-symmetric black holes 8-93300
- Cordes, J.M.** Observational limits on the location of pulsar emission regions 8-65637
- Cordes, J.M.,** Rankin, J., Backer, D.C. Orthogonal modes of polarization from pulsar PSR 2020+28 8-93291
- Cordey, J.G.,** Marx, K.D., McCoy, M.G., Mirin, A.A., Rensink, M.E. A new expansion method for computing σ^0 for reactant distribution functions 8-78491
- Cordiale, P.** *see* Bertinetto, F. 8-87072
- Cordier, A.** *see* Quenzer, A. 8-70370
- Cordier, P.** *see* Bullot, J. 8-92107
- Cordischi, D.,** Gazzoli, D., Valigi, M. Redox behavior of Mn^{2+} , Fe^{2+} , and Cr^{2+} in solid solution in magnesium oxide by ESR and X-ray diffraction techniques 8-52341
- Cordray, D.M.** *see* Haight, K.M. 8-92972
- Cordray, R.** *see* Marowsky, G. 8-66820, 8-74898
- Cordray, R.L.** *see* Marowsky, G. 8-58984
- Cords, D.** *see* Brandelik, R. 8-62416
- Cordwell, J.E.** Zinc transfer from galvanized wire to AISI 316 stainless steel at 550°C 8-88527
- Coremberg, J.** *see* Goldring, R. 8-88944
- Corenzwit, E.** *see* Matthias, B.T. 8-95438
- Coret, A.** *see* Haydar, A. 8-84255
- Corey, H.S.** Microinterferometer transducer 8-57899
- Corey, M.W.** *see* Zitta, V.L. 8-73402
- Corfu, R.** *see* Lunke, C. 8-94035
- Corfu, R.** *see* Perrin, C. 8-89792
- Corice, R.J., Jr.** Theoretical absolute J-manifold intensities of the ν_3 fundamental of GeH_4 8-74707
- Corice, R.J., Jr.** Theoretical Jovian atmospheric absorption profiles of the ν_3 fundamental of GeH_4 8-81584
- Corinaldesi, M.** *see* Albertini, G. 8-95138
- Corinth, G.** Amplifier system for voltage clamping 8-61285
- Corish, J.,** Parker, B.M.C., Jacobs, P.W.M. A theoretical study of the energies of solution, association, and migration for univalent substitutional anion impurities in alkali metal chloride crystals 8-83831
- Corish, J.,** Warde, C.J. Electrochemical transfer across phase boundaries 8-73046
- Corker, G.A.,** Lundstrom, I. Trapped-electron doping of photovoltaic sandwich cells containing microcrystalline chlorophyll a 8-53334
- Corker, G.A.** *see* Lundstrom, I. 8-53317
- Corkum, P.B.,** Alcock, A.J. Mode-locked operation of TEA CO₂ lasers with long optical resonators 8-79041
- Corl, E.A.** *see* Carr, T.W. 8-86379
- Corless, J.M.** *see* Costello, M.J. 8-57140
- Corliss, C.** *see* Sugar, J. 8-94207
- Corliss, J.B.** *see* Scheidegger, K.F. 8-53626
- Cormack, D.E.,** Leal, L.G., Seinfeld, J.H. An evaluation of mean Reynolds stress turbulence models: the triple velocity correlation 8-79309
- Cormell, L.** *see* Corcoran, M.D. 8-70417
- Cormier, P.M.** *see* Jachcinski, C.M. 8-66310
- Cormier, T.M.** *see* Jachcinski, C.M. 8-66310
- Corne Lissens, T.,** Van Tendeloo, G., Van Landuyt, J., Amelinckx, S. Peierls distortion, chain polytypism, and dislocation coupling in NbS_3 8-79589
- Cornelius, E.** *see* Stavelov, P. 8-50162
- Cornelis, J.,** Nihoul, J., Devreese, J.T., Brosens, F. Interatomic potential for molybdenum 8-67784
- Cornelis, J.,** Nihoul, J., Devreese, J.T., Brosens, F. Interatomic potentials from experimental phonon spectra 8-75621
- Cornelis, K.** *see* Huyse, M. 8-93976
- Cornelius, C.A.** *see* Bristow, G.K. 8-95305
- Cornelius, D.W.,** Essex, E.A. HF Doppler observations of 23 October, 1976 total solar eclipse over south-eastern Australia 8-61662
- Cornelius, J.** Quality assurance for the basic plane 8-93651
- Cornelius, P.A.** *see* Harris, C.B. 8-74737
- Cornelius, W.D.** *see* Moss, J.M. 8-93962
- Corneliussen, R.D.** *see* Lustiger, A. 8-53011
- Cornell, C.A.** *see* Fardis, M.N. 8-89948
- Cornell, D.,** Klehr, E.H., Tolgyessy, J. A study of the theory of the sub-superequivalence method of isotope dilution analysis. I. The case where the amount of separating reagent is always less than the amount of unknown 8-95983
- Cornely, R.H.,** Ali, T.A. Resistivity and microstructure of polycrystalline Au films deposited by RF bias-diode and triode sputtering 8-80072
- Corner, W.D.,** Saad, F.M., Jones, D.W., Jordan, R.G. A model for the magnetic domain structure of Gd at 77 K 8-84447
- Corner, W.D.** *see* Krizek, H. 8-51971
- Corner, W.D.** *see* Smith, R.L. 8-84413
- Corner, W.D.,** Tanner, B.K. (editor) Rare Earths and Actinides 1977 8-84115
- Cornet, M.,** Talbot-Besnard, S. Present ideas about mechanisms of hydrogen embrittlement of iron and ferrous alloys 8-72853
- Corney, A.,** Gardner, K. Coherent anti-Stokes Raman scattering in caesium vapour 8-71146
- Corney, A.,** Gardner, K. A new method for determining f-values using stimulated electronic Raman scattering in atomic vapours 8-82693
- Cornia, A.,** Lunardini, A., Ruffo, S. Hidden variables and proper mixtures for multivalued observables: some results for the correlation function 8-57853
- Cornille, H.** An inversionlike integral equation in the multidimensional case 8-62054
- Cornille, H.** Confined solutions of multidimensional inversion equations 8-77678
- Cornille, H.** Generalization of the inversionlike integral equations and application to nonlinear partial differential equations. II 8-86117
- Cornille, M.,** Hibbert, A., Moser, C., Nesbet, R.K. Calculations of electron affinities of first-row atoms 8-66679
- Cornilleau, N.** *see* Christiansen, P. 8-53774
- Cornish, D.N.,** Deis, D.W., Zbasnik, J.P. Cold-pressure-welded joints in large multifilamentary Nb-Ti superconductors 8-62630
- Cornish, D.N.,** Harvey, A.R., Hirzel, D.G., Johnston, J.E., Leber, R.L., Nelson, R.L., Zbasnik, J.P. Progress of superconducting development work for MFTF 8-54922
- Cornish, D.N.** *see* Deis, D.W. 8-64174
- Cornolti, F.,** Resta, R. Nonlinear impurity screening in semiconductors 8-67977
- Cornut, B.,** Genicon, J.L., Devine, R.A.B., Holtzberg, F. Hydrostatic pressure dependence of the susceptibility in PrS 8-80122
- Cornut, B.** *see* Berton, A. 8-84388
- Cornut, B.** *see* Holtzberg, F. 8-68237
- Cornut, J.C.** *see* Cavagnat, R. 8-86342
- Cornwell, K.,** Brown, R.D. Boiling surface topography 8-90653
- Cornyn, J.J.** Errors in array response calculations due to incorrectly folding the vertical acoustic arrival structure into the beam pattern 8-66972
- Coron, N.** *see* Moorwood, A.F.M. 8-93353
- Coroniti, F.V.,** Searf, F.L., Frank, L.A., Leping, R.P., Ackerson, K.L. Plasma flow pulsations in Earth's magnetic tail 8-77436
- Coroniti, F.V.** *see* Galeev, A.A. 8-88992
- Corradi, A.R.** A new generation of single particle materials for tape and discs manufacturing: Preparation, properties and applications 8-52308
- Corradi, A.R.,** Wohlfarth, E.P. Influence of densification on the remanence, the coercivities and the interaction field of elongated $\gamma\text{Fe}_2\text{O}_3$ powders 8-95481
- Corradi, G.** *see* Vikhnin, V.S. 8-95518
- Corradi, L.** On a stability condition for elastic plastic structures 8-87284
- Corradi, L.,** De Donato, O. Collapse analysis of elastic-plastic trusses with unstable bars 8-90729
- Corrado, G.,** Rapolla, A., Pinna, E. The magnetic field of Italy: Description and analysis of the new F, Z and H maps between 40° N and 44° N 8-65175
- Corral, J.S.M.,** Verduch, A.G. The solid solution of silica in celsian [and its polymorphic transition kinetics] 8-68677
- Correa, P.M.,** Caraca, J.M.G. A DSA study of ²⁸Si lifetimes in some selected materials 8-74329
- Correa-Restrepo, D.** Ballooning modes in three-dimensional MHD equilibria with shear 8-71476
- Correll, D.L.** *see* Berk, H.L. 8-87482
- Correra, L.** *see* Barra, O. 8-75061, 8-75062
- Corrigan, E.F.,** Fairlie, D.B., Templeton, S., Goddard, P. A Green function for the general self-dual gauge field 8-82099
- Corrin, M.L.** Atmospheric chemistry 8-81317
- Corrington, M.S.** Comment on 'Acoustic diffraction of a plane wave by a semicircular infinite soft strip' (J. Acoust. Soc. Am. 62, 250-254 (1977)) 8-83134

- Corriveau, R.** see Tam, W.G. 8-66748
- Corrons, A.** Pons, A. Simplified method to measure spectroradiometrically the colour of fluorescent dyes 8-49880
- Corrons, A.** see Pons, A. 8-49879
- Corruccini, L.R.** Mountfield, K.R., Sprenger, W.O. Demountable ^3He melting curve thermometer 8-54369
- Corruccini, L.R.** see Murdock, E.S. 8-56018
- Corsepius, H.W.** Practical ultrasonic testing. VI 8-60930
- Corsepius, H.W.** Practical aspects of ultrasonic testing. VIII 8-76804
- Corsepius, H.W.** Practical ultrasonic testing. IX 8-88604
- Corsepius, H.-W.** The practice of ultrasonic test techniques. X 8-92420
- Corsi, C.E.** see Buonanno, R. 8-69849
- Cort, G.E.**, Krakowski, R.A. Heat transfer in the lithium-cooled blanket of a pulsed fusion reactor 8-94141
- Corte, L.** De see De Corte, L.
- Cortellucci, R.**, Heim, C.J., Koshy, T.D., Phillips, P.J. Abrasion of plastics 8-64742
- Cortes, T.** Roca see Roca Cortes, T.
- Cortes T, E.** see Guinn, V.P. 8-85242
- Cortez, C.** see Corcoran, M.D. 8-70417
- Corti, M.**, Degiorgio, V. Laser-light-scattering investigation on the size, shape, and polydispersity of ionic micelles 8-92513
- Corti, M.** see Borsa, F. 8-68403
- Corti, S.**, De Luca, F., Grosso, G. A method for the evaluation of density fluctuations from interferometric measurements 8-67437
- Corti, S.**, Grosso, G., De Luca, F. RF preionisation in Tokamak Thor 8-71538
- Cortiglioni, S.** see Inzani, P. 8-77489
- Corvan, P.J.** see Wasson, J.R. 8-82753, 8-85217
- Corvisiero, P.**, Zucchiatti, A. A Monte Carlo technique in photon collimation problems 8-70724
- Corwin, T.R.** The effect of retinal eccentricity on the Broca-Sulzer phenomenon 8-69102
- Cory, H.** see Navon, E. 8-85758
- Cory, J.F., Jr.** see Wu, J.N.C. 8-58339
- Cosac, V.** Vibrations of a freely supported continuous beam subject to perturbing forces 8-75085
- Cosandey, F.**, Komem, Y., Bauer, C.L. Characterization of [001] tilt boundaries produced by epitaxial growth on bicrystalline substrates of NaCl 8-84097
- Cosandey, F.**, Komem, Y., Bauer, C.L., Carter, C.B. Lattice imaging of low-angle [001] tilt boundaries in bicrystalline films of gold 8-79620
- Cosatto, H.** see Hahne, A. 8-73405
- Cosatto, H.** see Volz, A. 8-73476
- Cosby, P.C.** see Abouaf, R. 8-55207
- Cosby, P.C.** see Albritton, D.L. 8-70957
- Cosby, P.C.** see Lee, L.C. 8-78761
- Cosby, P.C.** see Smith, G.P. 8-66609
- Coscarelli, W.C.** Algorithmization in instruction 8-81735
- Cosentino, P.**, Ficarra, V., Luzio, D. Truncated exponential frequency-magnitude relationship in earthquake statistics 8-65191
- Cosgrove, D.O.**, Garbutt, P., Hill, C.R. Echoes across the diaphragm 8-69165
- Cosgrove, D.O.** see Chu, J.M.G. 8-80930
- Cosi, F.** see Brenci, M. 8-55475
- Cosier, J.** see Hill, R.W. 8-52298
- Cosman, E.R.** see Lazzarini, A.J. 8-62563
- Cosmi, R.** see Borghese, C. 8-76781
- Cosmovici, C.B.** see Dirscherl, R. 8-85933
- Cosmovici, C.B.** see Olthoff, H. 8-96515
- Cosontos, L.** see Pfeifer, J. 8-91353
- Cossairt, J.D.**, Talley, S.B., May, D.P., Tribble, R.E., Spross, R.L. (d,t) and (d, ^3He) reactions on ^{12}C , ^{16}O , ^{24}Mg , and ^{40}Ca at 29 MeV 8-82285
- Cossalter, J.G.**, Charbonneau, J.R., Orpana, F.P., Roy, O.Z., Warrick, H.A. A microcomputer-based communication system for the non-verbal severely handicapped 8-57126
- Cost, J.R.** see Cafasso, F.A. 8-88643
- Cost, J.R.** see Kocks, U.F. 8-88497
- Cost, J.R.** see McHargue, C.J. 8-88413
- Cost, J.R.** see Morris, J.W., Jr. 8-88444
- Cost, J.R.** see Young, F.W., Jr. 8-87827
- Costa, A.M.** Amorim Da see Amorim Da Costa, A.M.
- Costa, G.** see Forino, A. 8-78220
- Costa, G.** see Warde, E. 8-58233
- Costa, G.** da see da Costa, G.
- Costa, G.** da see Da Costa, G.
- Costa, J.M.** da see da Costa, J.M.
- Costa, M.D.G.** Feitosa da see Feitosa da Costa, M.D.G.
- Costa de Beauregard, O.** S-matrix, ψ collapse and Einstein correlations 8-77742
- Costa de Beauregard, O.** S-matrix, Feynman zigzag and Einstein correlation 8-77761
- Costabile, G.**, Parmentier, R.D., Savo, B., McLaughlin, D.W., Scott, A.C. Exact solutions of the sine-Gordon equation describing oscillations in a long (but finite) Josephson junction 8-68115
- Costagliola, M.**, Greco, R., Martuscelli, E. Melt viscosity and thermal properties of poly(ethylene oxide) fractions and blends 8-83990
- Costain, J.K.** see Clark, H.B. 8-65289
- Costantino, M.S.** Statistical variation in stress-volumeetric strain behavior of Westerly granite 8-96196
- Costanzo, E.** see Campisano, S.U. 8-84105
- Costello, G.A.** see Sinha, S.K. 8-67026
- Costello, M.J.**, Corless, J.M. The direct measurement of temperature changes within freeze-fracture specimens during rapid quenching in liquid coolants 8-57140
- Costello, M.J.** see Gulik-Krzywicki, T. 8-57145
- Costes, J.-P.**, Cros, G. Study of redistribution phenomena of -F and -Cl monofunctional groups on difunctional, tri- and tetracoordinated boron centres 8-64816
- Costescu, A.** see Florescu, V. 8-65792
- Costescu, A.** see Vrejoiu, C. 8-89304
- Costin, A.B.** see Jennings, J.N. 8-69374
- Cot, L.** see Durand, J. 8-51501, 8-52507
- Cot, L.** see Reau, J.M. 8-79806
- Cotae, C.** see Luca, E. 8-92514
- Cotanch, S.R.** Large charge exchange corrections to direct photonuclear processes 8-62518
- Cotanch, S.R.** see Weller, H.R. 8-82346
- Cote, C.** see Durie, N.D. 8-53571
- Cote, I.L.**, Zbicz, K.L., Wilson, W.A. Barbiturate-induced slow outward currents in Aplysia neurones 8-80866
- Cote, J.**, Pearson, J.M. Hartree-Fock calculations of semi-infinite nuclear matter with complete forces (finite-range and spin-orbit term) 8-86499
- Cote, P.J.**, Meisel, L.V. Origin of saturation effects in electron transport 8-76065
- Cote, P.J.**, Meisel, L.V. An alternative mechanism to spin scattering for the resistivity of transition metal alloys 8-91690
- Cote, P.J.** see Meisel, L.V. 8-84191
- Cothern, C.R.** see Wittberg, T.N. 8-72029
- Cottillard, J.C.** see Portesell, J.L. 8-95465
- Cotin, F.** see Anderson, K.A. 8-85799
- Cotnam, K.D.** see Fehrenbach, P.J. 8-54835
- Cotroneo, J.A.**, Colver, G.M. Electrically augmented pneumatic transport of copper spheres at low particle and duct Reynolds numbers 8-87409
- Cotsaftis, M.** see Adam, J. 8-71473
- Cotsworth, R.P.** Use of pelletized slag in concrete masonry units 8-52707
- Cotte, P.** see Badelek, B. 8-90011
- Cottell, K.R.J.**, Prentice, T.C., Scott, K.T. Rapid firing of alumina ceramics 8-68663
- Cotter, D.**, Zapka, W. Efficient Raman conversion of XeCl excimer laser radiation in Ba vapour 8-79069
- Cotter, M.J.**, Taylor, K. Neutron activation analysis of paintings [for teachers] 8-81761
- Cottetereau, M.** see Plouin, F. 8-74364
- Cotterill, R.M.J.** Cooperativity in the dislocation theory of melting 8-59934
- Cotterill, R.M.J.** Anharmonicity, solitons, dislocations, bifurcation, melting, and the non-crystalline state 8-79746
- Cotterill, R.M.J.** Field effects on lipid membrane melting 8-92602
- Cotterill, R.M.J.**, Gerward, L., Lindegaard-Andersen, A. The phase problem in crystallography: proposal for an experimental solution 8-63641
- Cotterill, R.M.J.** see Madsen, J.U. 8-51396
- Cotter, A.A.** Band theory of size-quantised electron states in thin crystalline films 8-75976
- Cottin, P.** see Collier, F. 8-50793, 8-63067
- Cottingham, W.N.** Mesons and two-nucleon potential 8-89802
- Cottler-Fox, M.** see Fox, C.H. 8-65163
- Cotton, F.A.**, Rice, C.E. $\text{La}_3\text{Ru}_2\text{O}_{11}$: A mixed-valence ternary ruthenium oxide of a new hexagonal structure type 8-51503
- Cotton, F.A.**, Rice, C.E. The crystal structure of $\text{La}_3\text{Ru}_3\text{O}_{11}$: A new cubic K SbO_3 derivative oxide with no metal-metal bonding 8-67688
- Cotton, F.A.**, Rice, C.E. Tungsten pentachloride 8-91318
- Cotton, J.P.** see Nierlich, M. 8-91215
- Cotton, W.D.** see Schnopper, H.W. 8-65691
- Cottone, G.** Arising of cladding wastes from nuclear fuel in the European Community 8-66360
- Cottone, G.** see Brandalise, B. 8-55120
- Cottrell, C.** Discrete chemistry a new approach to water analysis 8-88674
- Cottrell, G.A.** On the origin of Irregular II galaxies 8-77601
- Cottrell, M.J.**, Smith, S.E. Spectroscopic observations of Nova Vulpeculae 1976 8-85955
- Cottrell, P.L.** Extreme subdwarfs. I. Molecular band strengths: a theoretical approach 8-93221
- Cottrell, R.L.A.** see Prescott, C.Y. 8-89719
- Cottu, J.P.**, Peyrade, J.P., Chomel, P., Groh, P. Tensile tests of the softening of high purity iron by carbon at low temperatures 8-84949
- Couach, M.**, Doulat, J., Bonjour, E. Influence of neutron irradiation on equilibrium and transport properties of a high current density V_3Ga multifilament wire 8-52126
- Couchell, G.P.** see Karatzas, P.T. 8-62529
- Couchman, J.C.**, Chang, F.H., Yee, B.G.W., Bell, J.R. Resonance splitting in ultrasonic spectroscopy 8-87214
- Couchman, J.C.**, Gordon, D.E., Noronha, P.J., Yee, B.G.W. Computer automation of the eddy current inspection of fastener holes 8-53040
- Couchman, P.R.**, Davidson, C.R. The Lippmann relation and surface thermodynamics 8-61048
- Couchman, P.R.**, Ryan, C.L. The Lindmann hypothesis and the size-dependence of melting temperature 8-59929
- Couder, Y.** see Thome, H. 8-60253
- Couderc, J.P.** see Riba, J.P. 8-75196
- Couderchon, G.** Improvement in 80 Ni Permalloys through solid state refining 8-91893
- Coudurier, L.**, Eustathopoulos, N., Desre, P., Passerone, A. Atomic roughness and chemical adsorption at solid-liquid interfaces of binary metallic systems 8-51787
- Coufal, H.** see Albrecht, W.G. 8-92116
- Couillaud, B.**, Ducasse, A. High performance spectrometer for Doppler-free spectroscopy: study of the hyperfine predissociation in iodine molecules 8-89558
- Couillaud, B.**, Ducasse, A., Dienes, A. Effects of modulation on signals obtained in saturated absorption spectroscopy experiments 8-74066
- Couillard, G.** see Fleuriel, C. 8-94214
- Coull, B.M.**, Pedley, T.A. Intermittent photic stimulation. Clinical usefulness of non-convulsive responses 8-69246
- Coulomb, J.P.** see Suzanne, J. 8-84063
- Coulomb, P.** see Beneteau, A. 8-95060
- Coulon, P.** see Delpeyroux, P. 8-66349
- Coulson, D.R.** Statistical factors in reaction rate theories 8-85124
- Coulson, I.M.**, Murdin, P.G., MacGillivray, H.T., Zealey, W.J. Absorption in and around the H II region Lambda Orionis 8-77590
- Coulson, K.L.** see Fitch, B. 8-57320
- Coulson, M.A.** see Chaplin, R.I. 8-80179
- Coulston, D.J.** see Howells, H. 8-53515
- Coulter, B.L.** see Adler, C.G. 8-49582
- Coulter, B.L.** see Varlashkin, P.G. 8-89282
- Coulter, C.A.**, Parkin, D.M. Characterization of radiation damage effects by a DPA function 8-87708
- Coulter, C.A.** see Parkin, D.M. 8-86692
- Coulter, D.**, Dows, D., Reisler, H., Wittig, C. Laser photodissociation of s-tetrazine: product vibrational excitation 8-88652
- Coumel, Ph.**, Attuel, P., Leclercq, J.F., Flammang, D. Computerized quantitative evaluation of cardiac arrhythmias 8-85435
- Counihan, M.J.** see Bartke, J. 8-66169
- Counihan, M.J.** see Kirk, H.G. 8-82252
- Counselman, C.C.** see Wittels, J.J. 8-69896
- Counselman, C.C., III** see King, R.W. 8-85854
- Count, B.M.** On the dynamics of wave-power devices 8-94591
- Countess, R.J.** Measurement of ^{222}Rn in water 8-53733
- Coupek, J.**, Horak, K. Some problems of constructing a liquid chromatograph. II. Sorption materials in liquid chromatography 8-64904
- Coupland, J.R.**, Hammond, D.P., Thompson, E. Design and performance of large cryopumps for high power neutral injectors 8-74494
- Coupland, M.** A simple track-fitting method for particles in cylindrically symmetric magnetic fields 8-58896
- Cour-Palais, B.G.** see Kessler, D.J. 8-89035
- Courant, E.D.** Acceleration and storage of polarised beams 8-58518
- Courant, E.D.**, Ratner, L.G. Depolarisation during acceleration and storage of polarised protons and deuterons 8-58519
- Courant, H.** see Price, L.E. 8-78209
- Courbage, M.** A class of regular invariants considered as asymptotic limits or ergodic means 8-70051
- Courbon, P.** A new personal dust sampler, the CIP 8-81469
- Courcon, P.** see Delpeyroux, P. 8-66349
- Courdille, J.M.**, Dumas, J., Servais, J. Logarithmic velocity variations for longitudinal ultrasonic waves in cubic BaTiO_3 near its ferroelectric transition 8-72472
- Courjon, D.**, Bulabois, J. Holographic recording and reconstruction in spatially incoherent white light 8-78955
- Coursey, B.M.**, Hutchinson, J.M.R., Lucas, L.L., Mann, W.B., Matsumura, T., Noyce, J.R. Radioactivity standards for environmental monitoring 8-80816
- Coursey, B.M.** see Hutchinson, J.M.R. 8-82319
- Court, I.N.** see Clarke, R.N. 8-75949
- Courtrel, R.** see Maugis, D. 8-64706
- Courtemanche, A.N.** see Lichtenstadt, J. 8-50155
- Courtemanche, A.N.** see Papanicolas, C.N. 8-78366

- Courtenay Lewis, J., Tjon, J.A. Evidence for slowly-decaying tails in the velocity autocorrelation function of a two-dimensional Lorentz gas 8-70046
- Courtens, E. Disappearing central peak in paraelectric potassium dihydrogen phosphate (KDP) 8-95588
- Courtes, G. see Simien, F. 8-65690
- Courths, R. see Brinkmann, J. 8-60294
- Courtieu, J. see Kan, S. 8-74041
- Courtney, G.R. see Green, M.K. 8-77055
- Courtney, W.G., Forshey, D.R. Condensation of water via rarefaction wave 8-71847
- Courtney, W.J. see Fortune, H.T. 8-78352
- Courtois, A. see Brice, J.-F. 8-51505
- Courtois, C. see Hoffer, M. 8-73353
- Courtois, D., Jouve, P. Modulation of infrared transmission in a gas subjected to an electric field. Application to the case of ammonia at $2.2\ \mu\text{m}$ 8-50912
- Courtois, L. Gyrotropic susceptibility and effective anisotropy of uniaxially oriented polycrystalline ferrites 8-64224
- Courtois, L. see Torfhe, M. 8-66904
- Courtroy, C.P. see Blanquet, G. 8-94245
- Cousandier, R. see Bovier, C. 8-87594
- Cousins, A.W.J. VRI photometry of E and F region stars 8-53991
- Cousins, A.W.J. Intrinsic lines in the (B-V), ($V-I_{\text{K}}$) diagram 8-73704
- Cousins, A.W.J. see Dean, J.F. 8-65630
- Cousins, C.S.G., Gerward, L., Staun Olsen, J. Multiple diffraction in crystals studied by an X-ray energy-dispersive method 8-75499
- Cousins, T., Nicholl, A.J. Comparison of turbine and vortex flowmeters 8-55699
- Coussaert, E. see Block, P. 8-81044
- Coussement, R. see Langouche, G. 8-92005
- Coussement, R. see Rots, M. 8-52395
- Cousson, A., Pages, M., Chevalier, R. The crystal structure of Li_2ThF_6 8-63702
- Cousteix, J., Houdeville, R., Desopper, A. Experimental results and calculating methods concerning transitional and turbulent boundary layers in unsteady flow 8-75125
- Coutanceau, M., Thizon, P. Calculation of flow produced by uniform translation of a spherical or cylindrical drop along the vertical axis of a cylinder 8-90967
- Coutinho, F.A. Bezerra see Bezerra Coutinho, F.A.
- Coutsouradis, D. see Guillaume, P. 8-68690
- Coutts, A.G., Day, P. Charge transfer spectra of transition metal ions in cadmium halide lattices 8-80378
- Coutts, T.J. Thin film solar cells 8-72204
- Couturaud, J.C. see Billon, D. 8-58490
- Couvert, P., Bruge, G., Beurtey, R., Boudard, A., Chaumeaux, A., Garçon, M., Garreta, D., Gugelot, P.C., Moss, G.A., Platchkov, S., Tabet, J.P., Terrien, Y., Thirion, J., Bimbot, L., Le Bornec, Y., Tatiseheff, B. Study of the reactions $^9\text{Be}(p,\pi^-)^{10}\text{C}$ and $^{12}\text{C}(p,\pi^-)^{13}\text{O}$ at 613 MeV 8-78383
- Couzi, M., Daoud, A., Perret, R. Soft-mode behaviour and phase transitions in perovskite-type layer compounds ($\text{C}_n\text{H}_{2n+1}\text{NH}_3$) $_2\text{MCl}_4$ ($n=1,2$ and $M=\text{Mn},\text{Cd}$) 8-79723
- Couzi, M. see Cavagnat, R. 8-86342
- Couzy, H. see Barthelemy, R. 8-61282
- Coveleskie, R.A., Parmenter, C.S. Rotational relaxation within the $^1\text{B}_{2g}(\text{S}_1)$ state of benzene 8-86936
- Cover, R.A., Kubis, J.J., Mayer, F.J., Slater, D.C. Temperature and compression from simultaneous proton and alpha-particle measurements in laser fusion experiments 8-83607
- Covert, D.S. see Charlson, R.J. 8-96254
- Covert, E.E. see Birtwell, E.P. 8-51153
- Coville, P. see Bailleul, G. 8-86649
- Covington, D.W., Meeks, E.L. The growth of unintentionally doped layers of GaAs using molecular beam epitaxy 8-72741
- Covvey, H.D., Dubien, R.J., Boughner, S.G., Van Horik, M.P., Wigle, E.D. A cardiovascular research database system 8-53549
- Covvey, H.D. see Grossman, G. 8-53550
- Covvey, H.D. see Grossman, G.S. 8-81027
- Covvey, H.D. see Tsotsos, J. 8-81031
- Cowache, P. see Vedel, J. 8-64471
- Cowan, B.P. see Sullivan, N.S. 8-84027
- Cowan, C.A. see Baubillier, M. 8-93877
- Cowan, D. see Berney, R. 8-76302
- Cowan, D.L. see Tenny, J.R. 8-76984
- Cowan, E.W. Experiment concerning 'lines' of the magnetic field 8-54131
- Cowan, J.J. see Truran, J.W. 8-57567
- Cowan, M. see Cnare, E.C. 8-55029
- Cowan, P. see Venkatesan, T.N.C. 8-91354
- Cowan, R.D. see Bromage, G.E. 8-67410
- Cowan, R.D. see Burkhalter, P.G. 8-59670
- Cowan, R.D. see Kahn, L.R. 8-50483
- Cowan, R.D. see Mansfield, M.W.D. 8-50493
- Cowan, W.B., Carbotte, J.P. Interband coupling and enhanced T_c in the tungsten bronzes 8-91804
- Cowan, W.R. Trend surface analysis of major late Wisconsinan till sheets, Brantford-Woodstock area, southern Ontario 8-92858
- Coward, D.H. see Alguard, M.J. 8-70376
- Cowden, D. see McLaughlin, J.B. 8-75210
- Cowell, P. see Bacino, W. 8-70351
- Cowern, N.E.B. see Sofield, C.J. 8-58799
- Cowie, L.L., York, D.G. The velocity distribution of interstellar gas observed in strong UV absorption lines 8-89235
- Cowin, S.C. see Fox, N. 8-54186
- Cowley, A.A., Mills, S.J., Heymann, G. Correlation between the forward-angle yield of the reaction $^{16}\text{O}(\alpha,d)^{18}\text{F}$ ($E_\alpha=1.125\ \text{MeV}$) and anomalous large-angle elastic scattering in $^{16}\text{O}(\alpha,\alpha)^{16}\text{O}$ 8-58291
- Cowley, A.A., Van Staden, J.C., Mills, S.J., Cronje, P.M., Heymann, G., Burdick, G.F. Large-angle elastic scattering of α -particles from ^{20}Ne and ^{22}Ne 8-70547
- Cowley, A.A., Wall, N.S. Modified optical potential for elastic α scattering: folding potentials and energy dependence 8-70549
- Cowley, A.A. see Wall, N.S. 8-70501
- Cowley, A.P. see Crampton, D. 8-93469
- Cowley, A.P. see Hutchings, J.B. 8-93306
- Cowley, J.M. Electron microscopy 8-82077
- Cowley, J.M. Crystal structure determination using electron diffraction 8-83678
- Cowley, J.M., Au, A.Y. Diffraction by crystals with planar faults. III. Structure analyses using microtwins 8-91343
- Cowley, J.M. see Yagi, K. 8-79550
- Cowley, R.A. Neutron scattering from quantum liquids 8-59990
- Cowley, R.A. Structural phase transitions 8-75797
- Cowley, R.A., Bruce, A.D. The theory of structurally incommensurate systems. I. Disordered-incommensurate phase transitions 8-91417
- Cowley, R.A. see Bruce, A.D. 8-79729, 8-91418, 8-91419
- Cowley, R.A. see Hilton, P.A. 8-71899
- Cowley, S.W.H. A note on the motion of charged particles in one-dimensional magnetic current sheets 8-65464
- Cowling, M.J., Hancock, J.W. Ductile failure criteria for blunting cracks 8-64657
- Cowling, M.J. see Hancock, J.W. 8-64656
- Cowper, G. see Marko, A.M. 8-61222
- Cox, A., Kemp, T.J., Payne, D.R., Pinot De Moira, P. The photolysis of arenediazonium salts in solutions and films: quantum efficiencies and reactive intermediates 8-64860
- Cox, A. see Gordon, R.G. 8-85529
- Cox, A. see Kodama, K.P. 8-62565
- Cox, A.J. Quantitative analysis of elliptically polarized light 8-49608
- Cox, A.J. see Scott, G.W. 8-82988
- Cox, A.N., King, D.S., Hodson, S.W. Triple-mode Cepheid masses 8-93261
- Cox, A.N., Michaud, G., Hodson, S.W. Cepheid masses and Cepheid winds 8-57556
- Cox, A.P. see Turner, P.H. 8-66540
- Cox, A.W., Jr. see Durig, J.R. 8-86867
- Cox, A.W., Jr. see Li, Y.S. 8-58675
- Cox, B. A fractographic distinction between hydride cracking and stress corrosion cracking in Zircaloy 8-92363
- Cox, C.S. see Bostick, F.X. 8-93008
- Cox, C.S. see Davis, R. 8-92834
- Cox, D.C. An overview of the Bell Laboratories 19- and 28-GHz COMSTAR beacon propagation experiments 8-73420
- Cox, D.C., Arnold, H.W., Hoffman, H.H. Depolarization of 19 and 28 GHz Earth-space signals by ice particles 8-73492
- Cox, D.E., Tarvin, J.A. Effect of neutron irradiation on single-crystal V_5Si : neutron diffraction studies 8-88076
- Cox, D.E. see Mizoguchi, T. 8-64238, 8-64240
- Cox, D.E. see Sweedler, A.R. 8-52121
- Cox, D.O., Pirs, J., Wagner, C.N.J. Failures of orthopedic fixation devices 8-77156
- Cox, G.C. see Busby, T.S. 8-95821
- Cox, G.F. see Baubillier, M. 8-93877
- Cox, H. see Kelly, J.C. 8-77113
- Cox, H.L., Jr., Chang, W.S.C., Brandt, K.L., Steward, P.G. New method for exposing mammalian cells to intense laser radiation using the evanescent fields created in optical waveguides 8-73298
- Cox, J.E., Wolf, S.A. Magnetic and vibrational characteristics of a closed cycle refrigerator 8-93706
- Cox, J.E. see Smidt, R.E. 8-85557
- Cox, J.R., Murray, T.M., Jr. The design and development of a microprocessor based system for ECG analysis 8-73287
- Cox, J.T., Hass, G. Highly efficient reflection-type polarizers for $10.6\text{-}\mu\text{m}$ CO_2 laser radiation using aluminum oxide coated aluminum mirrors 8-71177
- Cox, J.T., Hass, G. Protected Al mirrors with high reflectance in the 8-12- μm region from normal to high angles of incidence 8-79090
- Cox, K.G. Flood basalts, subduction and the break-up of Gondwanaland 8-65251
- Cox, K.G. Komatiites and other high-magnesia lavas: some problems 8-65312
- Cox, L.J. Scanning interferometry develops in the infrared 8-82026
- Cox, L.P., Lewis, J.S., Lecar, M. A model for close encounters in the planetary problem 8-61718
- Cox, M.E., Vahala, K.J. Image plane holograms for holographic microscopy 8-58944
- Cox, M.E., Vahala, K.J. Image plane holograms for introductory physics students 8-77647
- Cox, P.T. see Edwards, R.T. 8-82393
- Cox, P.T. see Heller, K. 8-82253
- Cox, R.A. see Eggleton, A.E.J. 8-96258
- Cox, R.A. see Raju, M.R. 8-85336, 8-85337
- Cox, R.G. see Okagawa, A. 8-76374
- Cox, R.H. see Weygandt, C.N. 8-53435
- Cox, R.J., Johnson, J.F. Phase equilibria in liquid crystal mixtures 8-63845
- Cox, R.J. see Dudgeon, C.R. 8-92870
- Cox, R.T. see Block, D. 8-80256
- Cox, W. Graph theory and relativistic field equations for half odd integer spin and unique mass 8-62290
- Cox, W.R., Parker, S.G. Growth and temperature characteristics of small bubble YsmLu-CaFeGe garnets 8-80183
- Coxon, J.A. Merging of least-squares parameters: the approach of stepwise merging 8-89319
- Coxon, J.A. see Tellinghuisen, P.C. 8-70844
- Coyle, R.A. see Packer, M.E. 8-88477
- Coyne, D.C. see Jakus, K. 8-95870
- Coyne, D.C. see Ritter, J.E., Jr. 8-79273
- Coyne, D.G. see Aschman, D.G. 8-78201
- Coz, M. An upper bound for translation kernels in scattering theory 8-62118
- Cozannet, A. see Martin, L. 8-66940
- Cozar, O., Znamirovskii, V. EPR evidence for two cupric complexes in water-ethanol mixtures at 77K 8-50565
- Crabbe, R.S. A study of vertical diffusion in the atmosphere using airborne photoionization 8-69435
- Crabtree, D.F. Luminescence and charge compensation in SnO_2 doped with rare-earth ions 8-76532
- Crabtree, G.W. see Dye, D.H. 8-91601
- Crabtree, R.H. Copper (I): a possible olfactory binding site 8-90606
- Crabtree, S.J., Jr., Kjerfve, B. Radiation balance over a salt marsh 8-61481
- Craciun, C. see Padureanu, I. 8-67638, 8-67639
- Craciunescu, C. see Panoiu, N. 8-57362
- Cracknell, A.P., Storey, B.E., Tooke, A.O. Calculations of magnetostatic mode frequencies in a $70\text{-}\mu\text{m}$ -thick film of YIG 8-68313
- Craddock, C. see Hickman, R.G. 8-81137
- Cragg, D.M., Lloyd, P. Potential scattering and the Kondo problem 8-79972
- Craggs, J.D. see Gardiner, P.S. 8-87537
- Cragin, B.L., Fejer, J.A., Shown, R.L. Theory of coherent parametric instabilities excited by two or more pump waves 8-57381
- Cragin, B.L. see Fejer, J.A. 8-59572
- Cragin, B.L. see Shown, R.L. 8-57382
- Craievich, A. see Levelut, A.-M. 8-91436
- Craig, D.P., Dissado, L.A. Exciton-phonon coupling in molecular crystals: absorption band profiles in the first singlet system of anthracene 8-83888
- Craig, D.P. see Clarke, M.D. 8-51899
- Craig, J.R. see Hill, R.J. 8-95028
- Craig, R. see Vibert, P. 8-53361
- Craig, R.G. see Roberts, J.C. 8-61283
- Craig, R.J., Gutzwiller, M.J., Lee, R.H., Stutz, E.O. A composite three-dimensional photoelastic method 8-52871
- Craig, R.S. see Inoue, T. 8-68236
- Craighead, H.G., Buhrman, R.A. Physical and optical properties of small metal particle composites 8-56528
- Craighead, H.G., Buhrman, R.A. Optical properties of selectively absorbing absorbing metal/insulator composite films 8-72622
- Craik, A.D.D. Evolution in space and time of resonant wave triads. II. A class of exact solutions 8-81853
- Craik, A.D.D., Adam, J.A. Evolution in space and time of resonant wave triads. I. The 'pump-wave approximation' 8-81852
- Craik, D.J. The distribution of the magnetisation in three-dimensional permeable solids 8-72366
- Crain, C.R. see Lundgren, D.L. 8-85340
- Craigne, E.R. see Peterson, B.M. 8-86032
- Cram, D.J. see Cram, J.M. 8-57711
- Cram, J.M., Cram, D.J. The essence of organic chemistry 8-57711
- Cram, L.E. Departures from radiative equilibrium in stellar atmospheres. Grey absorption 8-81531
- Cram, L.E. Radiative transfer in geometries other than plane-parallel layers 8-81616
- Cram, L.E. Inversion problems in radiative transfer theory: the Backus-Gubert formalism 8-89054

- Cram, L.E.**, Vardavas, I.M. Resonance line scattering from optically thin structures located above the solar limb 8-65591
- Crama, W.J.**, Maaskant, W.J.A., Verschoor, G.C. The cooperative Jahn-Teller distorted structures of rubidium chromium(II) trichloride and caesium chromium(II) trichloride 8-63713
- Cramer, C.H.**, Toppozada, T.R., Parke, D.L. Seismicity of the Foothills fault system of the Sierra Nevada between Folsom and Oroville, California 8-92792
- Cramer, J.G.** see Bactck, N.L. 8-78346
- Cramer, J.G.** see Chan, Y.-D. 8-78405
- Cramer, J.G.** see Satchler, G.R. 8-58295
- Cramer, N.F.** Parametric excitation of ion-cyclotron waves by a pump magnetic field in a high-temperature plasma 8-67342
- Cramer, N.F.** see Mathers, C.D. 8-63545
- Crampin, M.** Solitons and SL(2, R) 8-57748
- Crampin, M.** Constants of the motion in Lagrangian mechanics 8-81829
- Crampin, S.** Seismic-wave propagation through a cracked solid: polarization as a possible dilatancy diagnostic 8-61342
- Crampton, C.B.** The distribution and thickness of icy permafrost in northeastern British Columbia 8-77277
- Crampton, D.**, Georgelin, Y.M., Georgelin, Y.P. First optical detection of W51 and observations of new H II regions and exciting stars 8-61900
- Crampton, D.**, Hutchinson, J.B., Cowley, A.P. The optical counterparts of SMC X-2 and SMC X-3 8-93469
- Crampton, D.** see Hutchings, J.B. 8-93306
- Crance, M.** Four-photon ionisation in Cs I near the 6f resonance 8-70801
- Crancon, J.**, Ristori, C., Ohm, H., Rudolph, W., Kratz, K.-L., Asghar, M. Half-lives and P_n values of delayed-neutron precursors in the mass chains 85-87, 92, 135, 136 and 145 8-70497
- Crandall, G.M.**, Hillberry, B.M. Effect of stress level on fatigue crack delay behaviour 8-68790
- Crandall, P.H.** see Babb, T.L. 8-77163
- Crandall, R.S.** see Williams, R. 8-92490
- Crane, J.** see Shapiro, E. 8-60683
- Crane, J.S.**, Pohl, H.A. The dielectric properties of single yeast cells 8-88699
- Crane, K.C.A.** see Stalker, R.J. 8-63448
- Crane, P.** see Saslaw, W.C. 8-57630
- Crane, R.A.** Laser optoacoustic absorption spectra for various explosive vapors 8-76941
- Crane, R.A.** see Prakouros, A.G. 8-87247
- Crane, R.K.** Variance and spectra of angle-of-arrival and Doppler fluctuations caused by ionospheric scintillation 8-77411
- Crane, R.L.**, Chang, F., Allinikov, S. The use of radiographically opaque fibers to aid the inspection of composites 8-95880
- Crane, R.L.** see Grandt, A.F. 8-68859
- Crane, T.W.** see Hsue, S.T. 8-82487
- Crane, T.W.** see Menlove, H.O. 8-73119
- Cranfill, B.**, Farnum, E.H., Lowe, A.T., Miller, J.R. Fabrication of complex cryogenic targets 8-58485
- Cranga, M.** see Adam, J. 8-71473
- Crangel, J.C.** see Caligaris, R.E. 8-94880
- Crangle, J.**, Day, R. Spark erosion of single-crystal metal spheres 8-81956
- Crangle, J.**, Day, R. Basal-plane anisotropy in the helical antiferromagnetic phase of dysprosium 8-84412
- Crannell, C.J.**, Allan, H.R., Sun, M.P. Widths of electron-photon cascades 8-85779
- Crannell, C.J.**, Frost, K.J., Matzler, C., Ohki, K., Saba, J.L. Impulsive solar X-ray bursts 8-93174
- Crannell, C.J.** see Dennis, B.R. 8-93473
- Crannell, C.J.** see Matzler, C. 8-93176
- Crannell, H.** see Williamson, C.F. 8-66191
- Crasmann, B.** see Ice, G.E. 8-55213
- Crasmann, B.** see Mau Hsiung Chen 8-62510
- Crasnier, J.** see Gal'perin, Yu.I. 8-69610, 8-88997
- Crasnier, J.** see Grechnev, K.V. 8-53766
- Crater, H.W.** Generalisation of the Lagrange equilateral-triangle solution and the Euler collinear solution to non-gravitational forces in the three-body problem 8-54178
- Craubner, H.** Statistical thermodynamic fluctuation theory of fast mixing processes in open liquids. III. Entropy production and energy dissipation 8-64879
- Crausse, P.** see Bories, S. 8-94542
- Crausse, P.** see Vauchin, M. 8-96331
- Cravalho, E.G.** see Moussa, N.A. 8-56955
- Craven, J.D.**, Frank, L.A. Energization of polar cusp electrons at the noon meridian 8-77434
- Craven, R.A.**, Tsuei, C.C., Stephens, R. Specific heat and resistivity of an amorphous alloy, $\text{Fe}_{34}\text{Pd}_{66}\text{P}_{20}$, near its ferromagnetic phase transition 8-56333
- Cravens, T.E.**, Nagy, A.F., Chen, R.H., Stewart, A.I. The ionosphere and airglow of Venus: prospects for Pioneer Venus 8-89092
- Cravens, T.E.**, Stewart, A.I. Global morphology of nitric oxide in the lower E region 8-88975
- Cravens, T.E.** see Chen, R.H. 8-96419
- Cravens, T.E.** see Stewart, A.I. 8-88976
- Craver, B.A.** see Arenhovel, H. 8-82210
- Crawford, D.** see Moore, A.C. 8-72763
- Crawford, E.A.** see DeHart, T.E. 8-66405
- Crawford, E.A.** see Hoffman, A.L. 8-71512, 8-87467
- Crawford, F.W.** see Ilic, D.B. 8-75479
- Crawford, G.I.** see Kellie, J.D. 8-70519
- Crawford, H.J.** see Heckman, H.H. 8-66315
- Crawford, H.L.** Thermal radiation from a nodal network on large circular fins 8-94570
- Crawford, J.** see Wegmann, H.M. 8-85813
- Crawford, J.F.** see Beron, B.L. 8-66064
- Crawford, J.H., Jr.** see Capelletti, R. 8-71883
- Crawford, J.H., Jr.** see Lee, K.H. 8-88332
- Crawford, R.C.** see Brimcan, C. 8-66179
- Crawford, R.K.**, Bruns, D.G., Gallagher, D.A., Klein, M.V. Raman scattering from condensed argon 8-84580
- Crawley, G.M.**, Benenson, W., Weber, D., Zwieginski, B. The observation of hole states in (p,t) reactions at high excitation 8-50158
- Crawley, G.M.** see Frawley, A.D. 8-58286
- Crawley, G.M.** see Gales, S. 8-82362
- Crawley, G.M.** see King, C.H. 8-54755
- Crawley, G.M.** see Robertson, R.G.H. 8-66211
- Crawley, G.M.** see Zwieginski, B. 8-66277
- Croxton, R.S.**, Haines, M.G. JxB acceleration of fast ions in laser-target interactions 8-83590
- Crayton, R.B.** see Anderson, C.E. 8-77330
- Cremer, D.B.** see Brown, L.S. 8-54556
- Crease, B.A.** see Caughey, S.J. 8-69419
- Crease, B.A.** see Mousley, T.J. 8-87226
- Creaser, R.P.** see Onsgaard, J.H. 8-52601
- Creason, S.C.**, Delettrez, B. Problems and solutions in pH measurement 8-53282
- Creber, D.K.** see Bancroft, G.M. 8-50579
- Creber, D.K.** see Coatsworth, L.L. 8-74700
- Creclius, G.** see Wertheim, G.K. 8-91746
- Creco, M.**, Palumbo, F., Pancheri-Srivastava, G., Srivastava, Y. Coherent state approach to the infra-red behaviour of non-abelian gauge theories 8-82107
- Crees, M.A.**, Seaton, M.J., Wilson, P.M.H. IMPACT: a program for the solution of the coupled integro-differential equations of electron-atom collision theory 8-86948
- Creighton, D.L.**, Wang, J.H. Blockage of flow resulting from freezing of liquid introduced into circular tubes located in low-temperature environments 8-94830
- Creighton, J.A.** see Albrecht, M.G. 8-84587
- Cremer, S.** see Ward, R.C. 8-72308
- Cremer, E.**, Julia, B., Scherk, J. Supergravity theory in 11 dimensions 8-70038
- Cremer, E.**, Scherk, J. The supersymmetric non-linear α -model in four dimensions and its coupling to supergravity 8-49981
- Crenn, J.P.** see Adam, J. 8-71473
- Crennell, D.J.**, Fisher, C.M., Sekulin, R.L. Understanding hadronic charm production data and particle lifetimes 8-82229
- Crennell, D.J.**, Fisher, C.M., Sekulin, R.L. Understanding hadronic charm production data and particle lifetimes 8-89679
- Crennell, D.J.** see Emms, M.J. 8-89734
- Crennell, D.J.** see Erriquez, O. 8-78170
- Crerar, D.A.** see Means, J.L. 8-69349
- Crescenzi, M.De.** see Andreoni, W. 8-72553
- Cressely, R.**, Hocquart, R., Scrivener, O. Local flow birefringence in a double roller appliance 8-80315
- Cressman, P.J.** see Sarid, D. 8-94431
- Cressman, P.J.** see Schein, L.B. 8-52446
- Cresswell, G.R.**, Golding, T.J., Bolland, F.M. A buoy and ship examination of the suboptimal convergence south of Western Australia 8-92836
- Cresswell, P.J.**, Robbins, D.J., Thomson, A.J. Rhenium(IV) as a sensitizer for two-step blue up-converters 8-95603
- Creswell, C.** see Dieperink, A.E.L. 8-62522
- Creswell, R.A.** On the anharmonic force field and equilibrium structure of HNC 8-90147
- Cretu, T.R.**, Gorozhankin, V.M., Gromov, K.Ya., Kuznetsov, V.V., Lizurej, H.I., Macarie, G. Response function correction for a magnetic beta spectrometer 8-74532
- Cretu, Tr.** see Bogdan, D. 8-82316
- Creutz, M.** Feynman rules for lattice gauge theory 8-93850
- Creutz, M.**, Tudron, T.N. Higgs mechanism in the temporal gauge 8-70278
- Creutzfeldt, O.D.**, Nothdurft, H.C. Representation of complex visual stimuli in the brain 8-88709
- Crevasse, L.** see Bonner, R.E. 8-57086
- Creyke, W.E.C.** see Manifold, R. 8-64753
- Creze, M.** see Carrasco, L. 8-57552
- Cribb, J.L.** see Shuey, R.T. 8-77350
- Cribb, W.R.**, Reed-Hill, R.E. The initial development of a yield point due to carbon in nickel 200 during static strain aging 8-88498
- Criccio, A.** see Brandalise, B. 8-55120
- Crichton, B.H.**, Dong-in Lee Drift of negative ions in compressed SF_6 with applied fields below the limiting value 8-87565
- Crichton, B.H.** see Davidson, R.C. 8-63616
- Crichton, B.H.** see Somerville, I.C. 8-67577
- Crider, C.A.**, Poate, J.M., Rowe, J.E. UHV facility for metal-semiconductor thin-film studies 8-72733
- Criegee, L.** see Alexander, G. 8-74251, 8-89766
- Criegee, L.** see Berger, Ch. 8-62414, 8-89725
- Crighton, D.G.** Orderly structure as a source of jet exhaust noise: survey lecture 8-94786
- Crim, F.F.** see Smyth, K.C. 8-63606
- Crippa, P.D.** see Bucci, C. 8-74679
- Crippin, D.R.** see Smith, D.B. 8-73227
- Crisan, M.**, Anghel, A.I. Effect of the magnetic field on the critical temperature of the itinerant-electron antiferromagnet 8-60293
- Crisan, M.**, Dadarlat, D. Scaling function for two-point correlations in disordered systems 8-80147
- Crisan, M.** see Dadarlat, D. 8-70071
- Crisfield, M.A.** Further comments on the simplified hybrid displacement method. A discussion on the paper by H.A. Mang and R.H. Gallagher 8-89314
- Crisp, D.**, Young, A.T. Vertical extent of zonal winds on Venus 8-85875
- Crisp, R.S.**, Henry, W.G. Thermopower in α phase alloys of Cu, Zn, Ga, Ge and As in Ag at low temperatures 8-84196
- Crisman, B.W.** see Vukovich, F.M. 8-73382
- Crist, B.** see Stoekel, T.M. 8-76714
- Cristescu, C.P.** Laterally emitted light from a hollow cathode He-Cd laser 8-66810
- Cristescu, C.P.**, Lupascu, A.I., Popescu, I.M., Preda, A.M. Stimulated emission from a He-Cd hollow-cathode discharge in a magnetic field 8-79002
- Cristofaro, N.De.** see De Cristofaro, N.
- Cristofolini, R.** see Campisano, S.U. 8-84105
- Cristy, M.** see Allen, D.M. 8-69065
- Cristy, S.S.** see Gentry, R.V. 8-81157
- Critchley, R.** The trace anomaly: results for spinor fields in six dimensions 8-57847
- Crittenden, E.C., Jr.**, Cooper, A.W., Milne, E.A., Rodeback, G.W., Kalmbach, S.H., Armstead, R.L. Image resolution (OHT) through atmospheric turbulence over the ocean 8-85695
- Crivat, D.** see Glanz, G. 8-59946
- Crjlen, Z.**, Sips, V. Electron dielectric function in the second-order RPA 8-49753
- Croarkin, M.C.** see Cameron, J.M. 8-54342
- Croasdale, R.** see Booth, B. 8-61382
- Croat, J.J.** Liquid phase sintering of rare earth-iron ($\text{Dy}_{0.7}\text{Tb}_{0.3}\text{Fe}_2$) magnetostriuctive materials 8-64493
- Crochet, M.** see Broche, P. 8-57388
- Crochet, M.** see De Maistre, J.C. 8-77295
- Crochet, M.J.**, Naghdi, P.M. On thermomechanics of polymers in the transition and rubber regions 8-59354
- Crocker, A.G.** Close packed clusters of five substitutional point defects in cubic crystals 8-59802
- Crocker, A.G.** see Ingle, K.W. 8-51535, 8-83845
- Crocker, M.** see Bransden, B.H. 8-90300
- Crocker, M.J.** see Sullivan, J.W. 8-90587
- Crocker, M.J.** see Young, C.-I.J. 8-51003
- Crockett, K.J.** see Luckman, B.H. 8-77276
- Croes, M.K.** see Brown, F.H. 8-85470
- Croft, M.**, Zoric, I., Parks, R.D. Anisotropic magnetostriiction of CeAl_3 near its antiferromagnetic transition 8-88157
- Crofts, A.R.**, Tierney, G.V. Computer-assisted scanning and kinetic spectrophotometry in the study of photosynthetic systems 8-68963
- Croke, J.F.** Recent developments in instrumentation for wavelength-dispersive X-ray analysis 8-82090
- Croley, D.R., Jr.**, Mizera, P.F., Fennell, J.F. Signature of a parallel electric field in ion and electron distributions in velocity space 8-89005
- Croll, J.G.A.** see Ellinas, C.P. 8-71286
- Croman, R.** see Pei Chi Chou 8-67094
- Cromar, M.W.** see Ostermeier, R.M. 8-95198
- Cromarty, B.J.** see Clark, D.T. 8-62712, 8-82637, 8-82642, 8-94196
- Crombence, J.E.** see Van Bommel, A.J. 8-87874
- Crombie, D.** see Hasselmann, K. 8-81418
- Crombie, D.** see Stewart, R.H. 8-77337
- Crombie, D.D.**, Hasselmann, K., Sell, W. High-frequency radar observations of sea waves travelling in opposition to the wind 8-77242
- Cromer, D.T.** Plutonium-platinum Pu_2Pt 8-79564
- Cromwell, R.H.** see Barry, D.C. 8-65577
- Crone, J.**, Luscher, E. The effect of pressure on the resistivity of a gold-chromium Kondo alloy and on the low temperature phonon resistivity of pure gold 8-79978
- Crone, J.** see Willer, J. 8-52278
- Cronenberg, A.W.** see Welch, T.D. 8-74435
- Cronenberg, W.** see El-Genk, M. 8-50270

- Cronje, P.M. *see* Cowley, A.A. 8-70547
- Crook, W.W., III, Marcotty, A. Albrittonite; a new cobalt chloride hydrate from Oxford, Llano County, Texas 8-65286
- Crooke, P.S. *see* Robinson, B.H. 8-62213
- Crooks, J.B., Way, K.R., Sze-Cheng Yang, Chung-Yung Robert Wu, Stwalley, W.C. Photon and positive ion production from collisions of superthermal hydrogen atoms with lithium atoms and molecules 8-78788
- Crooks, J.B. *see* Chung-Yung Robert Wu 8-55255
- Crooks, J.B. *see* Zemke, W.T. 8-66604
- Crooks, J.E. The spectrum in chemistry 8-89556
- Crooks, J.E. A thermodynamic approach to the stability of microemulsions 8-95959
- Crooks, M.J., Litvin, D.B., Matthews, P.W., Macauley, R., Shaw, J. One-piece Faraday generator: A paradoxical experiment from 1851 8-73813
- Crooks, W. *see* Jacobs, J.T. 8-65994
- Cros, A. *see* Anderson, K.A. 8-85799
- Cros, C., Chevalier, B. On the fluorides KVF_3 and $RbVF_3$: study by differential calorimetry and X-ray diffraction at low temperature 8-84421
- Cros, G. *see* Costes, J.-P. 8-64816
- Crosbie, A.L., Dougherty, R.L. Two-dimensional isotropic scattering in a semi-infinite cylindrical medium 8-90678
- Crosby, G.A. *see* Hips, K.W. 8-58058, 8-78005
- Crosby, P. Three-channel tape-recorder modulation scheme for biological signals 8-61272
- Croset, B. *see* Suzanne, J. 8-84063
- Crosley, D.R. *see* Lengel, R.K. 8-74742
- Cross, A., Haward, R.N. Orientation hardening of PVC 8-76662
- Cross, F.L., Jr. Operation and maintenance of pollution control equipment 8-61615
- Cross, F.T., Endres, G.W.R., Sullivan, M.F. Dose to the GI tract from ingested insoluble beta emitters 8-65134
- Cross, F.T. *see* Sullivan, M.F. 8-65082
- Cross, J.A., Cetrionio, A. Frictional charging and powder coating 8-80708
- Cross, J.B. *see* McGinley, J.R. 8-85240
- Cross, J.D. High speed photography of surface flashover in vacuum 8-59700
- Cross, J.E., Scott, R.L., Jr. The digital control of an experiment to size particles using a laser 8-70098
- Cross, L.A., Cem Gokay, M. Excitation processes in a Pb-He discharge 8-66803
- Cross, L.A., Gokay, M.C. A pulse repetition frequency scaling law for the high repetition rate neutral barium laser 8-82954
- Cross, L.A. *see* Cem Gokay, M. 8-82956
- Cross, L.E., Bhalla, A. Domain 'decoration' in $Gd_2(MoO_4)_3$ 8-84544
- Cross, L.E. *see* Anderson, T.L. 8-59854
- Cross, L.E. *see* Cline, T.W. 8-80309
- Cross, L.E. *see* Newnham, R.E. 8-80290
- Cross, L.E. *see* Schein, L.B. 8-52446
- Cross, L.E. *see* Skinner, D.P. 8-80291
- Cross, M.C., Liu, M. Stability of the aligned state of ^3He-A in a superflow 8-56007
- Cross, M.C. *see* Liu, M. 8-71898
- Cross, P.S. Surface acoustic wave resonator filters using tapered gratings 8-87224
- Cross, P.S., Schmidt, R.V., Thornton, R.L., Smith, P.W. Optically controlled two channel integrated-optical switch 8-83116
- Cross, R.C. Interpreting positive Hall voltages in terms of electron rather than hole motion 8-69945
- Cross, R.J., Jr. *see* Johnson, S.G. 8-53203
- Cross, T.A., Pilger, R.H., Jr. Tectonic controls of Late Cretaceous sedimentation, western interior, USA 8-81134
- Crosse, P.A.E. *see* Morgan, E.S. 8-85092
- Crossland, W.A. *see* Coates, D. 8-51415, 8-83725, 8-91236
- Crossley, J., Tay, S.P., Walker, M.S., Walker, S. Relaxation processes of 9-fluorenone and benzophenone in *o*-terphenyl solution 8-95544
- Crossley, R.J.S. On Lowdin's projection operators for angular momentum. I 8-62689
- Crosswhite, H. *see* Lu, K.T. 8-90109
- Crosswhite, H.M. *see* Lu, K.T. 8-90109
- Crosta, G. Light diffraction and the principle of causality 8-55295
- Crosta, G. Incoherent feedback optical system 8-66924
- Crothers, D.M. *see* Hogan, M. 8-94344
- Crothers, D.S.F. Comment on asymptotic expansions for parabolic cylinder functions 8-89302
- Crothers, W.T. *see* Linford, G.J. 8-59036
- Crouch, I.G., Scully, J.C. The identification, formation and influence of a strongly epitaxial oxide phase during selective oxidation of an Fe-Cr alloy 8-88568
- Crouch, J.N., Jr. An equivalent circuit model for microwave-biased extrinsic photoconductors 8-49898
- Crouch, R.K. *see* Sher, A. 8-62223
- Crouch, S.R., Holler, F.J., Notz, P.K., Beckwith, P.M. Automated stopped-flow systems for fast reaction-rate methods 8-95971
- Crouch, S.R. *see* Holler, F.J. 8-49829
- Crough, S.T. *see* Detrick, R.S. 8-53631
- Crouzet-Pascal, J., Simites, G.J., Giri, J. Comment on 'Buckling of rotationally restrained orthotropic plates under uniaxial compression' [and reply] 8-67065
- Crovini, L., Actis, A. Noise thermometry in the range 630-962°C 8-73995
- Crovisier, J., Kazes, I., Aubry, D. The Nancy survey of absorption by galactic neutral hydrogen. I. Absorption towards extragalactic sources 8-57638
- Crow, G., Rupert, A.L., Moushegian, G. Phase locking in monaural and binaural medullary neurons: implications for binaural phenomena 8-88717
- Crow, G. *see* Stillman, R.D. 8-77062
- Crow, J.D. Integral source/receiver package for optical data 8-63179
- Crow, J.E. *see* Guertin, R.P. 8-56315
- Crow, J.T. *see* Forrester, A.T. 8-74521
- Crow, J.T. *see* Goebel, D.M. 8-55729
- Crow, R.S., Campbell, S., Prineas, R.J. Accurate automatic measurement of ST-segment response in the exercise electrocardiogram 8-77140
- Crow, T.G. *see* Kogan, R.M. 8-59088, 8-79071
- Crowder, G.A., Harper, C., Jalilian, M.-R. Vibrational analysis of alkyl bromides. V. 1-bromo-2,2-dimethylpropane 8-90173
- Crowder, G.A., Jalilian, M.-R. Vibrational analysis of alkyl iodides: 1-iodo-2-methylpropane and 1-iodo-3-methylbutane 8-90168
- Crowder, J.G. *see* Jenkin, G.T. 8-56179
- Crowe, C.T. Heat transfer in dispersed phase flows 8-90996
- Crowe, C.T., Soo, S.L. On Soo's equations for the one-dimensional motion of single-component two-phase flows [and author's reply] 8-59455
- Crowe, H.R., Goldberg, I.B. Simple automatic initiator for microwave induced plasmas 8-88682
- Crowe, R.D., Eisenhower, S.W., Macfee, F.D., Albrecht, R.W. A study of two-phase flow characteristics using reactor noise techniques 8-94058
- Crowell, C.R. *see* Roth, J.A. 8-91767
- Crowell, C.S. *see* Dorewamy, C.V. 8-71621
- Crowley, J.M. *see* Gerd, R.E. 8-87414
- Crowley, R.J., Nodvik, J.S. A generally covariant formulation of classical electrodynamics for charges of finite extension 8-77731
- Crowley, S., Flytzanis, N., Celli, V. Dynamic Peierls stress in a crystal model with slip anisotropy 8-95056
- Crowley, S. *see* Flytzanis, N. 8-71738
- Crowley-Milling, M. The CERN 400 GeV proton accelerator 8-70651
- Crowne, A.H. *see* Roberts, D.H. 8-93449
- Crownfield, F.R., Jr. One-dimensional inhomogeneous Vlasov equilibria 8-51281
- Crownshield, R.D., Johnston, R.C., Andrews, J.G., Brand, R.A. A biomechanical investigation of the human hip 8-69130
- Crowth, A.G. *see* Overington, I. 8-53416
- Crowth, J. Autoclave digestion procedure for the determination of total iron content of waters 8-61088
- Croxton, C.A. Configurational properties of self-interacting linear polymer chains in a three-dimensional continuum 8-58876
- Crozier, C.L. *see* Isaac, G.A. 8-57352
- Crozier, D.J., Fortune, H.T., Middleton, R., Hinds, S. ^{34}S by the $^{32}S(t,p)^{34}S$ reaction 8-50180
- Crozier, D.J. *see* Fortune, H.T. 8-78396
- Crozier, P.J., Webber, B.R. Absence of multiple-dip structure in pp elastic scattering 8-82246
- Crucitti, N. Control rod drive system penetration assemblies for the Caorso nuclear power station Mark 2 primary containment 8-58368
- Crucitti, N. Design, construction and erection of the biological shield wall for the Caorso nuclear power station 8-86694
- Cruddle, R.G., Fritz, G., Shulman, S., Friedman, H., McKee, J., Johnson, M. High-resolution observations of X-ray sources at the galactic center 8-65692
- Cruckshank, D.W.J., Kalman, A., Stephens, J.S. A reinvestigation of sodium metagermanate 8-51489
- Cruikshank, D.B., Jr. *see* Ungar, E.E. 8-92671
- Cruikshank, D.P. *see* Smith, W.H. 8-85892
- Crumph, K.S. *see* Garner, J.B. 8-73167
- Crumpler, L.S., Aubele, J.C. Structural evolution of Arsia Mons, Pavonis Mons, and Ascreus Mons: Tharsis region of Mars 8-65531
- Cruise, T.A. *see* Wilson, R.B. 8-90714
- Crussard, C., Bouvaist, J. Study of some apparently abnormal deformations and transformations of metals 8-60714
- Crutchfield, W.Y., II No horn of singularities for the double well anharmonic oscillator 8-73884
- Crutzen, P.J., Howard, C.J. The effect of the HO_2+NO reaction rate constants on one-dimensional model calculations of stratospheric ozone perturbations 8-73474
- Crutzen, P.J. *see* Fishman, J. 8-85663
- Crutzen, P.J. *see* Reid, G.C. 8-96273
- Crutzen, P.J. *see* Zimmerman, P.R. 8-88881
- Cruz, J. *see* van der Rest, J. 8-95416
- Cruz, M.I., Letellier, M., Fripiat, J.J. NMR study of adsorbed water. II. Molecular motions in the monolayer hydrate of halloysite 8-95226
- Cruz, R.V. *de la see de la Cruz, R.V.*
- Cruz, V. *de la see de la Cruz, V.*
- Cruz Martinez, A., Perez Conde, M.C., Ferrer, M.T. Motor conduction velocity and H-reflex in infancy and childhood. I. Study in newborns, twins and small-for-dates 8-61164
- Cruz Orive, L.-M. Particle size-shape distributions: the general spheroidal problem. II. Stochastic model and practical guide 8-62055
- Csanady, G.T. The arrested topographic wave 8-69359
- Csanady, G.T. Turbulent interface layers 8-71323
- Csavinsky, P. Comment on: 'Variational principle for Poisson's equation for an impurity ion in a medium with spatially variable dielectric constant' by K.R. Brownstein 8-60084
- Csavinsky, P. Variational principles for solving nonlinear Poisson equations for the potential of impurity ions in semiconductors with spatially varying dielectric constants 8-67976
- Cseh, J. *see* Paul, M. 8-54800
- Csepreghi, L., Kennedy, E.F., Mayer, J.W., Simon, T.W. Substrate-orientation dependence of the epitaxial regrowth rate from Si-implanted amorphous Si 8-79900
- Csepreghi, L. *see* Foti, G. 8-75700
- Csepreghi, L. *see* Rechten, M.D. 8-75688
- Csermely, T.J. Impedance measurements in biological tissues by phase sensitive detection of voltage and current 8-53602
- Csernai, L. The effect of threshold states on electromagnetic transitions 8-89818
- Csernai, L.P. Threshold states in different schematic models 8-82272
- Csikai, J. *see* Sudar, S. 8-51746
- Csikor, F., Preparata, G. Radiative decays in heavy particles in the geometrodynamical approach 8-86452
- Csillag, L. *see* Chisty, I.L. 8-60480, 8-72537
- Csizmadia, I.G. *see* Daudel, R. 8-94187
- Csizmadia, I.G. *see* Goddard, J.D. 8-55122
- Csizmadia, I.G. *see* Robb, M.A. 8-78630
- Csizmadia, I.G. *see* Strauss, O.P. 8-90076, 8-90079
- Csom, V. *see* Szabados, L. 8-82431, 8-82432
- Csonka, P. Parabolic conoid shells with vertical director line 8-51058
- Csonka, P.L. Suggestion for X-ray laser holography 8-55322
- Csonka, P.L. Enhancement of synchrotron radiation by beam modulation 8-82550
- Csorna, S.E. *see* Burnett, T.H. 8-89853, 8-89854
- Ctyroky, J. *see* Janta, J. 8-50925
- Cuaser, D.A. *see* Smith, D.B. 8-73227
- Cubicciotti, D., Lau, K.H., Ferrante, M.J. Thermodynamics of vaporization and high temperature enthalpy of zirconium tetraiodide 8-91432
- Cubicciotti, D.D., Jones, R.L. Stress corrosion crack initiation sites in zirconium alloys exposed to iodine vapor 8-92324
- Cubiotti, G., Sacchetti, F., Spinelli, M.C. Inelastic neutron scattering from a $NiCl_2$ -heavy water solution 8-91203
- Cucchiario, A., Macau-Hercot, D., Jaschek, M., Jaschek, C. Spectral classification from the ultraviolet line features of S2/68 spectra. III. Early A-type stars 8-69794
- Cucolo, A.M., De Filippo, S., Pace, S. Some remarks on the phase diagram of magnetic-superconducting-magnetic proximity sandwiches 8-95399
- Cucolo, A.M., Pace, S., Zirilli, F. Bifurcation theory and order of phase transition for proximity effect sandwiches 8-84353
- Cuculescu, I., Motoc, C. The influence of external fields on cholesteric liquid crystal mixtures with positive dielectric anisotropy 8-59751
- Cuculescu, I. *see* Honciu, M. 8-64046
- Cuculescu, I. *see* Motoc, C. 8-75813
- Cuculescu, I. *see* Sofron, E. 8-83723
- Cucuzza, F. *see* Gippetto, C. 8-55061
- Cudby, M.E.A. *see* Beteridge, D. 8-53300
- Cudby, M.E.A. *see* Cutler, D.J. 8-72517
- Cudworth, K.M., Oravec, M. Astrometry with a small Schmidt telescope: the position of NGC 7027 8-73749
- Cuieillon, J., Viala, J.C. Direct synthesis of boron triiodide and the chemical transport of boron with iodine 8-52682

- Cueilleron, J.**, Viala, J.C., Thevenot, F., Brodhag, C., Dusseau, J.M., El Biach, A. The evaluation of boron purity by means of electrical measurements 8-59822
- Cueto, J.A.** *Del see* Del Cueto, J.A.
- Cui Bao-Kun** *see* Lin Tien-Hui 8-82083
- Cukier, M.**, Dhez, P., Gauthé, B., Jaegle, P., Wehenkel, Cl., Farnoux, F.C. Photoabsorption of Th and U by direct measurement and by fast electron energy loss spectra near the 5d thresholds 8-90134
- Cukier, R.I.** *see* Mehaffey, J.R. 8-59729
- Cukier, R.I.** *see* Natarajan, K.M. 8-94341
- Culbertson, R.J.** *see* Sakurai, T. 8-71968
- Culetto, F.J.**, Pobell, F. Isotope effect of the superconducting transition temperature in binary Chevrel-phase Mo_6Se_8 8-52141
- Culetto, F.J.**, Rainer, D. Theory of the isotope effect in superconducting compounds 8-91806
- Culhane, J.L.** Extragalactic X-ray astronomy 8-73776
- Culhane, J.L.** *see* Charles, P.A. 8-65722
- Culhane, J.L.** *see* Mordin, P. 8-65676
- Culhane, J.L.** *see* Stark, J.P.W. 8-93379
- Culkowski, A.H.** *see* Bertini, H.W. 8-70498
- Cull, J.P.** Thermal contact resistance in transient conductivity measurements 8-53744
- Cullen, A.L.**, Davies, J.A. New system for microwave Q-factor measurement 8-54396
- Cullen, A.P.** *see* Pitts, D.G. 8-57042
- Cullen, J.K., Jr.** *see* Collins, M.J. 8-57013
- Cullen, J.R.**, Blessing, G., Rinaldi, S. Elastic properties of magnetostrictive rare-earth-iron alloys 8-84469
- Cullen, J.R.**, Blessing, G., Rinaldi, S., Callen, E. Magnetic and elastic properties of rare earth-iron materials 8-52331
- Cullen, J.R.**, Rinaldi, S., Blessing, G.V. Elastic versus magnetoelastic anisotropy in rare earth-iron alloys 8-68347
- Cullen, J.R.** *see* Blessing, G.V. 8-72386
- Cullen, J.R.** *see* Hathaway, K.B. 8-64250
- Cullen, J.R.** *see* Savage, H.T. 8-68348
- Cullen, M.J.** *see* O'Connor, M.K. 8-73250
- Cullen, W.H., Jr.** *see* Krafft, J.M. 8-90779
- Cullinan, W.L.**, Erdos, E., Schaefer, R., Tekieli, M.E. Perception of temporal order of vowels and consonant-vowel syllables 8-69108
- Cullis, A.G.**, Borders, J.A., Hirvonen, J.K., Poate, J.M. Metastable alloy layers produced by implantation of Ag^+ and Ta^+ ions into Cu crystals 8-71709
- Cullity, B.D.** Elements of X-ray diffraction, 2nd edition 8-59721
- Cullmann, E.**, Labuhn, F. Stark broadening of nitrogen (I) vacuum-UV lines using a wall-stabilized arc 8-90107
- Culot, M.V.J.**, Olson, H.G., Schiager, K.J. Field applications of a radon barrier to reduce indoor airborne radon progeny 8-73262
- Culpan, E.A.**, Rose, G. Microstructural characterization of cast nickel aluminium bronze 8-80535
- Culver, D.W.**, Neef, W.S. Mechanical structure of the mirror hybrid reactor power plant 8-58449
- Culver, D.W.** *see* Kearney, D.W. 8-66387
- Culver, L.E.** *see* Radon, J.C. 8-76760
- Culver, S.J.**, Williams, H.R., Bull, P.A. Infracambrian glaciogenic sediments from Sierra Leone 8-69378
- Cumalot, J.P.** *see* Caldwell, D.O. 8-54635
- Cumming, J.B.**, Haustein, P.E., Ruth, T.J., Virtes, G.J. Spallation of copper by 80-GeV ^{40}Ar ions 8-66260
- Cummings, A.** Sound generation and transmission in flow ducts with axial temperature gradients 8-90551
- Cummings, A.C.** *see* Althouse, W.E. 8-85797
- Cummings, J.C.**, Aeschliman, D.P., Mulac, A.J. Raman spectroscopy in a CW chemical laser 8-58999
- Cummings, J.C.**, Schmidt, D.W., Wagner, W.J. Experiments on second-sound shock waves in superfluid helium 8-68776
- Cummings, R.W.** *see* May, J.G. 8-81035
- Cummings, T.E.**, Elving, P.J. Determination of the electrochemically effective electrode area 8-73045
- Cummins, H.Z.** *see* Mermelstein, M.D. 8-84538
- Cumo, M.**, Farelo, G.E., Ferrari, G. Direct heat transfer in pressure-suppression systems 8-94096
- Cundy, D.C.** *see* Bosetti, P.C. 8-70357
- Cung, Vu.K.**, Devoto, A., Fulton, T., Repko, W.W. mo^6 contributions to the positron hyperfine structure from two photon virtual annihilation 8-89642
- Cunge, J.A.** Difficulties of open channel hydraulic mathematical modelling as applied to real life situations 8-77272
- Cunha Lima, I.C.** *see* Skeff Neto, K. 8-84456
- Cunliffe, A.R.** Effect of woodwool shuttering in party floors on the flanking transmission of sound between maisonettes 8-94487
- Cunningham, C.T.**, Price, R.H., Moncrief, V. Radiation from collapsing relativistic stars. I. Linearized odd-parity radiation 8-93297
- Cunningham, G.** *see* Birch, K.G. 8-50897
- Cunningham, J.**, Milne, H.K. The effect of helix angle on the performance of roped tubes 8-94729
- Cunningham, J.B.** *see* Raskin, M.M. 8-61228
- Cunningham, R.A.**, Smith, W., Taylor, D.G., Walker, E.S. A system of proportional chambers for use in a photon beam experiment 8-94162
- Cunningham, R.A., Jr.** *see* Cook, K.V. 8-80697
- Cunningham, R.E.** *see* Langford, G. 8-52792
- Cunningham, S.L.**, Weinberg, W.H. Determining the angles of incidence in a LEED experiment 8-75508
- Cunningham, S.L.**, Weinberg, W.H., Hardy, J.R. Effect of cooperative behavior on molecular vibrational IETS peak intensities 8-90258
- Cunningham, S.L.**, Weinberg, W.H., Tapilin, V.M. Technique for studying chemisorption on substrates with complex band structures 8-71961
- Cunningham, S.L.** *see* Williams, E.D. 8-67904, 8-71948
- Cunnold, D.M.** The equatorial electrojet 8-69607
- Cuomo, J.J.**, Gambino, R.J., Harper, J.M.E., Kuptis, J.D., Webber, J.C. Significance of negative ion formation in sputtering and SIMS analysis 8-72663
- Cuomo, J.J.**, Gambino, R.J., Harper, J.M.E., Kuptis, J.D. Origin and effects of negative ions in the sputtering of intermetallic compounds 8-60574
- Cuomo, J.J.**, Woolhouse, G.R., Zory, P.S. Amorphous heterostructure solar cell and laser 8-64472
- Cuomo, J.J.** *see* DiStefano, T.H. 8-63157
- Cuomo, J.J.** *see* Gambino, R.J. 8-72376
- Cuomo, J.J.** *see* Harper, J.M.E. 8-95641
- Cuomo, J.J.** *see* Kobliska, R.J. 8-91881
- Cuoni, B.**, Emmenegger, P.F., Rohrbasser, C., Schlappfer, C.W., Studer, P. Raman spectrum and structure of chromiumtrichloride (CrCl_3) and chromiumtetrabromide (CrBr_4) 8-60443
- Cupelin, F.** *see* Landry, J.-Cl. 8-92969
- Cuperman, S.**, Dryer, M. Long-term correlation between latitude-dependent solar activity and solar wind streams 8-93172
- Cuperman, S.**, Gomberoff, L., Roth, I. Three-component non-symmetric counter-streaming instabilities: oblique propagation case 8-59577
- Cuperman, S.**, Mond, M., Roth, I., Gomberoff, L. Temperature effects in non-symmetric three-component counter-streaming electron plasmas: theory and computer simulation experiments 8-59578
- Cuperman, S.**, Roth, I., Bernstein, W. Effects of ion-acoustic turbulence on low density charged particle beams 8-91121
- Cur, N.**, Sparrow, E.M. Experiments on heat transfer and pressure drop for a pair of colinear, interrupted plates aligned with the flow 8-87232
- Curir, A.**, Francaviglia, M. On certain transformations for black-holes energetics 8-85968
- Curli, R.F., Jr.** *see* Hills, G.W. 8-66571
- Curl, R.L.** *see* Ross, S.L. 8-85205
- Curle, N.** Development of a laminar boundary layer under conditions of continuous incipient separation 8-63415
- Curnow, J.S.H.** Stable low temperature source to test for cold urticaria 8-61276
- Curnutt, J.L.** *see* Chase, M.W., Jr. 8-93637
- Curnutte, B.** *see* Gardner, R.K. 8-66493
- Curran, D.J.** *see* Swarin, S.J. 8-75702
- Curran, P.J.** Oblique false-colour photograph of fog in Cheddar Gorge 8-57290
- Currat, R.**, Muller, K.A., Berlinger, W., Denoyer, F. Neutron-scattering study of SrTiO_3 under [111] uniaxial stress 8-67798
- Currat, R.** *see* Perry, C.H. 8-79721
- Currat, R.** *see* Pintschovius, L. 8-79698
- Currie, C.M.** *see* Mullani, N.A. 8-80959
- Currie, E.H.** *see* Zoble, R.G. 8-92761
- Currie, G.** *see* Dan see Dan Currie, G.
- Currie, J.C.** *see* Conway, B.E. 8-84060
- Currie, K.L.** A note on post-Mississippian thrust faulting in northwestern Cape Breton Island 8-61360
- Currie, L.A.**, Murphy, R.B. Origin and residence times of atmospheric pollutants: application of ^{14}C 8-69445
- Currie, P.K.** Viscoelastic surface waves on a clamped boundary 8-90767
- Currie, P.K.**, O'Leary, P.M. Viscoelastic Rayleigh waves. II 8-79254
- Curry, D.A.**, King, J.E., Knott, J.F. Effects of hydrostatic tension on cleavage fracture of pure polycrystalline zinc 8-52990
- Curry, J.**, Steward, V.W. Establishment of a beam line at the Fermi National Accelerator Laboratory for proton radiography 8-65121
- Curry, J.H.** A generalized Lorenz system 8-75131
- Curry, S.M.** *see* Tam, A.C. 8-74753, 8-82779
- Curry, S.M.** *see* Yabuzaki, T. 8-78746
- Curtin, M.S.** *see* Nolen, J.A., Jr. 8-55067
- Curtis, A.R.**, Marr, G.R. The viscous drag on cylinders falling symmetrically between parallel walls 8-55628
- Curtis, A.S.G.**, Seehar, G.M. The control of cell division by tension or diffusion 8-64962
- Curtis, B.J.**, Brunner, H.J. End point determination of aluminium CCl_4 plasma etching by optical emission spectroscopy 8-76786
- Curtis, D.M.** *see* deV. Klein, G. 8-65256
- Curtis, L.J.** Concept of the exponential law prior to 1900 8-86052
- Curtis, L.J.**, Ellis, D.G. A formula for cancellation disappearances of atomic oscillator strengths 8-90124
- Curtis, L.J.** *see* Huidt, S. 8-55228
- Curtis, S.A.** A theory for chorus generation by energetic electrons during substorms 8-96356
- Curtis, S.A.**, Hartle, R.E. Mercury's helium exosphere after Mariner 10's third encounter 8-77509
- Curtis, W.D.**, Lerner, D.E. Complex line bundles in relativity 8-49732
- Curtis, W.R.** Sampling for water quality 8-69388
- Curtright, T.**, Ghandour, G. Stability and supersymmetry: models with local gauge symmetry 8-70296
- Curvello, W.S.** *see* Gomes, C.B. 8-81594, 8-93171
- Curzon, A.E.**, Singh, O. Thin film studies of yttrium, yttrium hydrides and yttrium oxide 8-87888
- Curzon, A.E.** *see* Gasgnier, M. 8-84326
- Curzon, F.L.** The Leidenfrost phenomenon 8-81744
- Cusso, F.**, Lopez, F.J., Jaque, F. Dimer detection in NaCl:Mn^{2+} by ITC technique 8-59833
- Cusson, R.Y.** *see* Maruhn, J.A. 8-54709
- Cutforth, C.** *see* Starkey, J. 8-88818
- Cutforth, D.C.** *see* Koenig, J.F. 8-86595
- Cutler, D.J.**, Hendra, P.J., Walker, J.H., Cudby, M.E.A., Willis, H.A. The vibrational analysis of polyperdeuteroethylene 8-72517
- Cutler, E.J.B.** *see* Laffan, M.D. 8-88864
- Cutler, E.P.** *see* Dennis, B.R. 8-93473
- Cutler, I.B.**, Miller, P.D., Rafaniello, W., Park, H.K., Thompson, D.P., Jack, K.H. New materials in the Si-C-Al-O-N and related systems 8-95159
- Cutler, P.H.** *see* Feuchtwang, T.E. 8-76591, 8-76592
- Cutler, R.I.** *see* Harwood, L.H. 8-86720
- Cutler, T.A.** *see* Cohen, R.H. 8-79455
- Cutman, E.E.**, Livshits, A.I., Myasnikov, I.A. Nature of centres of adsorption of hydrogen atoms on zinc oxide 8-67913
- Cutts, D.**, Dulude, R., Lanou, R.E., Massimo, J.T., Meunier, R., Brenner, A.E., Carey, D.C., Elias, J.E., Garbincius, P.H., Mikenberg, G., Polychronakos, V.A., Weitsch, G.A., Chiaradia, M.D., DeMarzo, C., Fazuzzi, C., Germinario, G., Guerriero, L., Lavopa, P., Maggi, G., Posa, F., Selvaggi, G., Spinelli, P., Waldner, F., Aitkenhead, W., Barton, D.S., Brandenburg, G., Busza, W., Dobrowolski, T., Friedman, J.I., Kendall, H.W., Lyons, T., Nelson, B., Rosenon, L., Toy, W., Verdier, R., Votta, L. Inclusive scattering results from the Fermilab single arm spectrometer 8-89746
- Cutts, D.**, Dulude, R.S., Hughlock, B.W., Lanou, R.E., Massimo, J.T., Brenner, A.E., Carey, D.C., Elias, J.E., Garbincius, P.H., Polychronakos, V.A., Butler, J., Chiaradia, M.T., De Marzo, C., Favuzzi, C., Germinario, G., Guerriero, L., Lavopa, P., Maggi, G., Posa, F., Selvaggi, G., Spinelli, P., Waldner, F., Barton, D.S., Brandenburg, G.W., Busza, W., Dobrowolski, T., Duddy, T., Friedman, J.I., Halliwell, C., Kendall, H.W., Lyons, T., Nelson, B., Rosenon, L., Tartaglia, M., Verdier, R., Young, C.C., Nassalski, J., Siewmierzuk, T. Search for long-lived heavy particles 8-78380
- Cutts, J.A.** *see* Chun, S.F.S. 8-85883
- Cuveller, A.** A French 'first': A six colour, six channel recorder synchronized by a microprocessor 8-77885
- Cuveller, P.** *see* Warenghem, M. 8-58901
- Cuzzocrea, P.**, De Rosa, A., Inglima, G., Perillo, E., Rosato, E., Sandoli, M., Spadacini, G. Investigation on the discrepancies from OM predictions in the elastic scattering of protons by ^{12}C and ^{16}O 8-62528
- Cvach, J.** *see* Dzhambusina, M. 8-89762
- Cvach, J.** *see* Ermilova, D.I. 8-62468
- Cvejanovic, D.**, Adams, A., King, G.C. Radiative lifetime measurements of NH and CH using the electron-photon delayed coincidence method 8-50594
- Cvejanovic, S.** *see* Jureta, J. 8-70936

- Cvelbar, F.**, Likar, A., Martincic, R., Sever, F. Recent studies of the radiative neutron capture in the region of GDR 8-74354
- Cverna, F.** *see* Bevington, P.R. 8-78207
- Cvetanovic, R.J.** *see* Oka, K. 8-68885
- Cvikl, B.** On coherent neutron diffraction in nematic liquid crystals 8-75550
- Cwiok, S.**, Dudek, J., Szymanski, Z. Discussion of the back-bending effect in nuclei within the Hartree-Fock-Bogolyubov method 8-58228
- Cwiok, S.**, Dudek, J., Szymanski, Z. Discussion of the back-bending effect in nuclei in terms of simple models 8-82264
- Cygax, F.N.** *see* Schilling, H. 8-80267
- Cyranski, J.F.** Analysis of the maximum entropy principle 'debate' 8-73948
- Cyrot-Lackmann, F.** *see* Desjonqueres, M.C. 8-71982
- Cyvin, B.N.** *see* Brockner, W. 8-66536
- Cyvin, B.N.** *see* Cyvin, S.J. 8-66537
- Cyvin, S.J.**, Cyvin, B.N., Brockner, W., Demiray, A.F. Molecular vibration analysis of the TeCl_4 tetramer and monomer and the SeCl_4 tetramer 8-66537
- Cyvin, S.J.** *see* Brockner, W. 8-66536
- Cywinski, R.** *see* Booth, J.G. 8-52253
- Czachor, A.** Two-parameter shell-model of lattice vibrations in monoatomic systems 8-59877
- Czajkowski, A.**, Wiscicki, W. Frequency instantaneous value to voltage converter for angular velocity measurements 8-70101
- Czajkowski, M.** *see* Wade, M.K. 8-70778
- Czakon, J.** The shape of EPR line in magnets with strong crystalline field anisotropy 8-91926
- Czanderna, A.W.** *see* Adelman, P.J. 8-88394
- Czanderna, A.W.** *see* Miller, A.C. 8-53307
- Czanderna, A.W.** *see* Vasofsky, R. 8-65909
- Czarnacki, W.** *see* Kordyasz, A. 8-86711
- Czarniecki, S.** Optical activity of molecular dimers: theoretical analysis of vibronic circular dichroism in model biaryls 8-62821
- Czarny, J.** *see* Freire, R. 8-85939
- Czayka, M.** *see* Forsythe, R. 8-56031
- Czech, W.** *see* Kallinger, W. 8-92702
- Czechowsky, P.** *see* Rotger, J. 8-88938
- Czerlinski, G.** *see* Seneyi, A. 8-73188
- Czernichowski, A.** *see* Diatta, C.S. 8-83625
- Czerwinski, M.G.**, Preston, K., Jr., Leb, D.W. A pattern recognition approach to ultrasonic tissue characterization 8-73186
- Czerwinski, W.**, Basinski, A. Influence of high-frequency ultrasound on the structure of polyethylene terephthalate fibres. II 8-68702
- Czerwinski, W.** *see* Basinski, A. 8-51446
- Czerwon, H.-J.** *see* Der, R. 8-73016
- Czerwonko, J.** The stability conditions of superfluid Fermi liquids and small-gap spin excitations 8-87839
- Czizek, G.** *see* Fink, J. 8-95536
- Czlonkowska-Kohutnicka, Z.** Light scattering studies on microgels in polymer solutions 8-50704
- Czuchlewski, S.J.** *see* Ladish, J.S. 8-87066
- Czuhai, K.** *see* Arigo, R. 8-93430
- Czycholl, G.** Electronic transport in substitutionally disordered systems II. MCPA-results and Monte-Carlo-Studies for binary alloys 8-84185
- Czycholl, G.**, Zittartz, J. Electronic transport in substitutionally disordered systems. I. Derivation of a cluster approximation 8-84184
- Czyrska-Filemonowicz, A.**, Malkiewicz, T. The nucleation of M_{23}C_6 carbides in directly aged austenitic steel 18 Cr-11 Ni 8-52806
- Czyrska-Filemonowicz, A.**, Malkiewicz, T., Czyrski, W. The effect of boron on the nucleation of M_{23}C_6 carbides in austenitic stainless steels 18Cr-11Ni 8-84808
- Czyrski, W.** *see* Czyrska-Filemonowicz, A. 8-84808
- Czyz, W.**, Ruijgrok, T.W. A quasi-classical description of isospin-conservation in multi-particle production 8-58134
- Czyz, W.** *see* Bialas, A. 8-66262
- Czyzak, S.J.** *see* Aller, L.H. 8-77607, 8-96525
- Da Costa, A.M. Amorim *see* Amorim Da Costa, A.M.
- da Costa, G.**, Calatroni, J. Self-holograms of laser-induced surface depressions in heavy hydrocarbons 8-82927
- Da Costa, G.**, Guerri, G. Statistical distribution of the phase in noncircular Gaussian speckle patterns 8-66761
- da Costa, J.M.** *see* Albernhe, F. 8-93107
- da Costa, M.D.G.** Feitosa *see* Feitosa da Costa, M.D.G.
- da Gama, A.A.S.** *see* Gomes, M.A.F. 8-80783
- Da Hsuan Feng, Geller, K.N.**, Klein, N. Exact finite-range analysis of $^{12}\text{C}(^3\text{He}, n)^{14}\text{O}$ reaction 8-82286
- Da Hsuan Feng** *see* Agarwal, G.S. 8-94383
- Da Hsuan Feng** *see* Gilmore, R. 8-62489
- Da Hsuan Feng** *see* Narducci, L.M. 8-71067
- Da Jornada, J.A.H.**, Baumvol, I.J.R., Behar, M., Livi, R.P., Zawislak, F.C. The effects of concentration and temperature on the EFG generated by n.n. Pd impurities in a cubic Ag host 8-68416
- da Motta, L.** Cayolla *see* Cayolla da Motta, L. da
- da Paixao, F.J.** *see* Harter, W.G. 8-58661
- da Providencia, J.** *see* Johansson, B. 8-60077
- da Silva, A.** Ferreira *see* Ferreira da Silva, A.
- Da Silva, J.** Lopes *see* Lopes Da Silva, J.
- da Silva Horta, J.**, da Silva Horta, M.E., Cayolla da Motta, L., Tavares, M.H. Malignancies in Portuguese thorotrast patients 8-96073
- da Silva Horta, M.E.** *see* da Silva Horta, J. 8-96073
- Da Silveira, H.V.** *see* Alcaras, J.A.C. 8-54685
- da Silveira, T.L.** *see* Kestenbach, H.-J. 8-52892
- Da Silveria, R.** A classical inversion procedure to obtain the real part of the heavy-ion optical potential 8-89892
- Da-chun Kuo** *see* Kuo Da-chun
- Da-San Zhan** *see* Zhan Da-San
- Da-Wun Chen** *see* Baldacci, A. 8-58692
- Da-You Ma** *see* Ma Da-You
- Daal, H.J.** Van *see* van Daal, H.J.
- Daalder, J.E.** Radial heat flow in two coaxial cylindrical discs 8-75032
- Daalder, J.E.** A cathode spot model and its energy balance for metal vapour arcs 8-79484
- Daams, J.M.**, Carbotte, J.P. Functional derivatives for the critical magnetic field of Pb 8-91798
- Dabas, R.S.** *see* Bhardwaj, R.K. 8-69597
- Dabas, R.S.** *see* Singh, L. 8-69599
- Dabberdt, W.F.**, Davis, P.A. Determination of energetic characteristics of urban-rural surfaces in the greater St. Louis area 8-61484
- Dabbousi, O.B.** *see* Nasir, N.E. 8-77237
- Dabek, J.T.** *see* Bell, C.M.J. 8-61247
- Dabell, B.J.**, Watson, P. Fatigue life prediction for fillet welded details under service loadings 8-64683
- Dabhadkar, S.B.** *see* Kotrappa, P. 8-89993
- Dabkiewicz, P.**, Duke, C., Fischer, H., Kuhl, T., Kluge, H.-J., Kremmling, H., Otten, E.-W., Schussler, H. Nuclear shape staggering in very neutron deficient Hg isotopes detected by laser spectroscopy 8-54680
- Dabritz, S.** *see* Schatt, W. 8-63881
- Dabritz, S.** *see* Ulrich, H.-J. 8-95153
- Dabros, T.** *see* Zdamczyk, A. 8-61060
- Dabrowski, A.J.**, Huth, G.C., Singh, M., Economou, T.E., Turkevich, A.L. Characteristic X-ray spectra of sodium and magnesium measured at room temperature using mercuric iodide detectors 8-78049
- Dabrowski, H.** *see* Budzanowski, A. 8-66289
- Dabrowski, J.** Spin and isospin instability of neutron and nuclear matter 8-86474
- Dabrowski, J.**, Piechocki, W., Rozynek, J., Haensel, P. Ferromagnetism of dense neutron matter 8-70478
- Dabrowski, M.** *see* Kleinerman, M. 8-74902
- Dacol, F.H.** *see* Pinczuk, A. 8-79716
- Dacou-Voutetakis, C.**, Anagnostakis, D., Matsaniotis, N. Effect of prolonged illumination (phototherapy) on concentrations of luteinizing hormone in human infants 8-69138
- Dacre, P.D.** A calculation of the helium pair polarisability including correlation effects 8-82651
- Dacre, P.D.** *see* Blustin, P.H. 8-82639
- Dad Khattak, G.**, Keesom, P.H., Faile, S.P. Specific heat of V_6O_{11} between 0.4 and 50K 8-72358
- Dadamukhamedov, E.U.**, Dyshel', M.Sh., Chekin, O.N., Chernyshenko, I.S. A pneumatic extensometer for large deformations 8-77901
- Dadarlat, D.**, Crisan, M. Dispersion theory approach to the scaling function for a random system 8-70071
- Dadarlat, D.** *see* Crisan, M. 8-80147
- Dadashev, I.Sh.** *see* Safaraliev, G.I. 8-52248
- Dadashev, L.A.**, Kuliev, V.Yu. Canonical form of bilinear Hamiltonians 8-57804
- Dadashyan, K.Yu.** Causality properties in non-relativistic algebraic models 8-62319
- Dadayan, N.A.** *see* Bilien'kii, S.M. 8-89706
- D'Adda, A.**, Horsley, R., Di Vecchia, P. Super-symmetric magnetic monopoles and dyons 8-62334
- Daddario, E.Q.** Science and its place in society 8-77660
- Dadhich, N.** Gravitational field of a charged tachyon 8-54282
- Dadic, I.** *see* Bilic, N. 8-86445
- Dadras, P.** Activation energy for the strain aging of mild steel 8-56677
- Dadras, P.**, Greenfield, I.G. Effect of stacking fault energy on the development of extrusions and intrusions 8-72826
- Dadras, P.**, Greenfield, I.G. Effect of diffused coatings of zinc and gold on the fatigue behavior of copper crystals 8-72850
- Daehler, M.** *see* Fonck, R.J. 8-70205
- Daehnick, W.W.**, Spisak, M.J., Comfort, J.R., Hafner, H., Duhm, H.H. Strong two-step contributions in direct allowed two-nucleon transfers 8-82364
- Daehnick, W.W.** *see* DelVecchio, R.M. 8-70495
- Daehnick, W.W.** *see* Spisak, M.J. 8-82578
- Dafler, J.** Particle size analysis computer-aided analyses of optical counting data 8-77842
- Dafni, E.**, Noe, J.W., Rafailovich, M.H., Sprouse, G.D. Static moments of $^{54}\text{Fe}^m$ and perturbed angular distributions with combined dipole and quadrupole interactions 8-62482
- Daftari, I.K.** Four-momentum transfer between the groups of secondary particles in pp interactions at 70 GeV/c in emulsion 8-58211
- Daftari, I.K.**, Bhattacharyjee, D.K., Naha, S.C., Roy, J., Ghosh, D.C., Chowdhury, A.R., Roy, T. Rapidity space distribution of multi-particle production by proton-nucleon collisions at 70 GeV/c 8-58205
- Daftari, I.K.**, Naha, S.C., Bhattacharjee, D.K., Roy, J., Roy, T. Some features of rapidity intervals of secondary charged particles produced in proton-nucleus interactions at 70 GeV/c 8-54750
- Daftari, I.K.**, Roy, T. Some observations on coplanar decay of fireballs at 24 GeV/c proton-nucleus interaction 8-50157
- Daftari, I.K.** *see* Ghosh, D.C. 8-58210
- Dagan, S.** *see* Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Dagan, S.** *see* Gelfand, N. 8-74274
- Dagdigan, P.J.** Determination of the absolute chemiluminescence cross section and photon yield for the $\text{Ca}(4s4p^3\text{P}) + \text{N}_2\text{O}$ reaction 8-53208
- Dagdigan, P.J.** *see* Alexander, M.H. 8-92451
- Dagdigan, P.J.** *see* Pasternack, L. 8-92450
- Dagdigan, P.J.** *see* Wilcomb, B.E. 8-92463
- Dagenais, M.** *see* Kimble, H.J. 8-86812
- Dagenhart, W.K.**, Gardner, W.L., Haselton, H.H., Menon, M.M., Schechter, D.E., Stirling, W.L., Tsai, C.C. Development and testing of the ORNL/PLT neutral beam lines for the Princeton Large Torus 8-54967
- Dagenhart, W.K.** *see* Johnson, R.L. 8-54966
- Dagenhart, W.K.** *see* Schwensterly, S.W. 8-58439
- Dagenhart, W.K.** *see* Whealton, J.H. 8-87005
- Dagens, L.** Phonon anomaly near a Fermi surface topological transition 8-95120
- Dagg, I.R.**, Reesor, G.E., Wong, M. A microwave cavity measurement of collision-induced absorption in N_2 and CO_2 at 4.6 cm^{-1} 8-78679
- Dagg, I.R.**, Reesor, G.E., Wong, M. Collision-induced microwave absorption in Ne-Xe and Ar-Xe gaseous mixtures 8-78680
- Dagley, P.**, Mussett, A.E. Palaeomagnetism of the Fishnish dykes, Mull, Scotland 8-61320
- Dagley, P.**, Mussett, A.E., Wilson, R.L., Hall, J.M. The British Tertiary igneous province: palaeomagnetism of the Arran dykes 8-73306
- Dagneaux, P.G.L.C.** Krugers *see* Krugers Dagneaux, P.G.L.C.
- D'Agostino, M.** *see* Bruno, M. 8-82554
- D'Agostino, M.D.**, Kamykowski, E.A., Kuehne, F.J., Padawer, G.M., Schneid, E.J., Schulte, R.L., Stauber, M.C., Swanson, F.R. Nuclear techniques for bulk and surface analysis of materials 8-85238
- D'Agraves, B.C.**, Volcan, A., Bacchilega, A. Experimental evaluation of surface wear of a type PEC fuel element, experimental tribological study in sodium at high temperature 8-58362
- DaGue, M.G.** *see* Dye, J.L. 8-52526
- Daguenet, M.** *see* Jimenez, J. 8-87329
- Daguenet, M.** *see* Taftazani, M. 8-64849
- Dah-Min Hwang** *see* Kung-Ynag Liao 8-59229
- Dahan, C.**, Elias, G., Maulard, J., Perulli, M. Coherent structures in the mixing zone of a subsonic hot free jet 8-94788
- Dahir, S.H.**, Meyer, W.E. The polishing characteristics of common rock types used as aggregate in bituminous pavement surfaces 8-53057
- Dahl, E.D.** *see* Stickel, R.E., Jr. 8-83029
- Dahl, J.P.** The spinning electron 8-70250
- Dahl, J.P.** *see* Shim, I. 8-78620
- Dahl, P.** *see* Bisgaard, P. 8-50525
- Dahl, W.**, Kalwa, G., Winkler, P.J. The influence of the chemical composition on the formability of creep-resistant pipe steels 8-84900
- Dahl, W.**, Kalwa, G., Winkler, P.J. Influencing of the formability of creep-resistant steels during hot forming by changes in the temperature control and by preliminary forming 8-84901
- Dahl, W.**, Kretschmann, W.-B. Influence of precracking and grain size on fracture toughness of structural steels 8-60782

- Dahl, W.,** Rees, H. On the grain size dependence of the lower yield point of structural steels 8-56689
- Dahl, W.,** Uebags, M. Influence of grain size and thickness of precipitations on the brittle fracture of structural steels 8-60786
- Dahl-Jensen, E.** see Albrow, M.G. 8-58214
- Dahl-Jensen, I.** see Albrow, M.G. 8-58214
- Dahlbacka, J.** see Lindblom, P. 8-94372
- Dahlberg, R.C.** see Kasten, P.R. 8-86662
- Dahlberg, S.C.** The optical modulation of the transmission of low energy electrons: GaP surface sensitivity 8-76567
- Dahlberg, S.C.** Optical modulation of low-energy-electron reflection and transmission at a Si surface 8-88388
- Dahlen, F.A.** Excitation of the normal modes of a rotating Earth model by an earthquake fault 8-73312
- Dahlen, J.,** Shillingford, J. The microscale sensing array 8-85720
- Dahler, J.S.** see Hickerson, D.L. 8-74770, 8-74771
- Dahler, J.S.** see Jhon, M.S. 8-63900, 8-75158, 8-82795
- Dahler, J.S.** see Nielsen, S.E. 8-90280
- Dahlgren, F.** A selection of coil design codes 8-66367
- Dahlgren, S.** see Aden, T. 8-86736
- Dahlgren, S.** see Badelek, B. 8-90011
- Dahlgren, S.** see Waterstrat, R.M. 8-60571
- Dahlgren, S.D.** see Egami, T. 8-68335
- Dahlman, R.C.** see Garten, C.T., Jr. 8-85392, 8-85394
- Dahlquist, F.W.,** Muchmore, D.C., Davis, J.H., Bloom, M. Deuterium magnetic resonance studies of the interaction of lipids with membrane proteins 8-80826
- Dahlstrom, N.A.** see Littmann, M.F. 8-68707
- Dahm, A.J.** Simple derivation of the magnetic field inside a long rod of magnetized material 8-73795
- Dahm Oh Sung** see Sung Dahm Oh
- Dahme, W.** see Alder, J.C. 8-62576
- Dahmen, U.** see Bose, S. 8-63675
- Dahne, G.,** Fink, F., Klose, E., Teuchner, K., Bach, S., von Grossmann, J. Estimation of the rate constant for spectral sensitization of silver halides by J-aggregates 8-89575
- Dai Gen-Hua** see Ma Da-You 8-67235
- Dai Ma** see Ma Dai
- Dai Wen-sai** Formation of Jupiter, Saturn, Uranus and their regular satellites 8-69712
- Dai Xian-Xi** On the energy levels and the stationary states of the exotic atoms containing monopoles 8-86982
- Dai Xian-Xi, Ni** Guan-Jiong On the elimination of phase angle uncertainty in some problems of relativistic quantum mechanics 8-78100
- Daido, H.** see Nakai, S. 8-59603
- Daigle, G.A.,** Piercy, J.E., Embleton, T.F.W. Effects of atmospheric turbulence on the interference of sound waves near a hard boundary 8-83159
- Daigle, R.E.,** Baker, D.W. A readout for pulsed Doppler velocity meters 8-69158
- Daignieres, M.,** Fremont, M., Friaa, A. An attempt to model lithospheric strains using true generalised Norton-Hoff material (an example: the Himalayan collision) 8-88809
- Daigo, M.** see Fukushima, M. 8-62409
- Daigo, M.** see Toshioka, K. 8-93885
- Daigo, Y.** see Kikuchi, Y. 8-54842
- Daiguji, H.,** Sakai, H. Finite element analysis of cascade flow with varying flow rate 8-90910
- Daiguji, H.,** Shirahata, H. A finite element solution of cascade flow in a large-distorted periodic flow 8-87348
- Daiker, K.C.** see Politzer, P. 8-70767
- Dailey, M.L.** see Mathis, M.V. 8-94063
- Daily, J.W.** Detectability limit and uncertainty considerations for laser induced fluorescence spectroscopy in flames 8-73096
- Daily, W.D.** see Vanyan, L.L. 8-65518
- Daino, B.,** Sette, D. The measurement of the transmission properties of optical cables 8-50942
- Dainton, J.B.** see Barber, D.P. 8-78189
- Dainty, J.C.** Computer simulations of speckle interferometry of binary stars in the photon-counting mode 8-53836
- Dainty, J.C.** see Greenaway, A.H. 8-53832
- Dainty, J.C.** see Morgan, B.L. 8-65656
- Dainyak, L.D.** see Bagin, V.I. 8-57195
- Daiya, P.M.** see Doshi, M.R. 8-94636
- Dakin, J.T.,** So, R.M.C. The dynamics of thin liquid films in rotating tubes: approximate analysis 8-94747
- Dakss, M.L.** Splicing optical fibers 8-79147
- Dakubu, T.,** Gilboy, W.B. An unfolding procedure for slowly varying pulse height spectra produced by β particles in Si(Li) detectors 8-50430
- Dalal, J.S.,** Perumalswami, P.R. Significance of seismic response spectrum normalization in nuclear power plant design 8-50415
- Dalal, J.S.** see Perumalswami, P.R. 8-50414
- Dalal, K.H.,** Davis, R.F. Beta spodumene-mica glass-ceramics. II. Physical properties 8-60736
- Dalal, N.S.** see Bernstein, H.J. 8-80364
- Dalal, N.S.** see Pacansky, J. 8-78646
- Dalal, N.S.** see Webb, J.B. 8-60161
- Dalal, V.** see Catalano, A. 8-64066
- Dalbly, F.W.** see Chien, C.W.T. 8-70873
- Dale, D.** see Wegmann, H.M. 8-85813
- Dale, J.H.** see Williamson, D.L. 8-56411
- Dale, M.** see Emms, M.J. 8-89734
- Dale, P.** Axisymmetric gravitational fields: a nonlinear differential equation that admits a series of exact eigenfunction solutions 8-77779
- Dale, R.G.** Implementation of the Philips treatment planning system for use in radiation teletherapy 8-73244
- Dale, W.D.T.,** Friedman, H.L. Series solution of the HNC and PY equations. The simple chain recursion way 8-65861
- Daleau, G.** see Cavagnat, R. 8-86342
- Dalen, G.** Van see Van Dalen, G.
- Dalen, H.,** Myklebust, R., Saetersdal, T.S. Cryofracture of paraffin-embedded heart muscle cells 8-57148
- Dallessandro, J.A.** Structural design considerations for a free standing ITR vacuum vessel 8-54900
- Dallessandro, J.A.** see Kearney, D.W. 8-66387
- D'Alessandro, M.** see Bertozzi, B. 8-55046
- D'Alessandro, M.** see Girardi, F. 8-58387
- D'Alessio, E.** see Bonadeo, H. 8-67777
- D'Alessio, T.** see Cavallaro, A. 8-57109
- Daley, J.M.** see Lueders, D.H. 8-50091
- Dalgaard, E.** The spin Hamiltonian for electron spin resonance of radicals in doublet states: calculations in the energy weighted maximum overlap model 8-76315
- Dalgarno, A.** see Black, J.H. 8-93362
- Dalgarno, A.** see Hartquist, T.W. 8-85989
- Dalgarno, A.** see Kirby, K. 8-93361
- Dalgarno, A.** see Uzer, T. 8-82793
- Dalgarno, A.** see Watson, D.K. 8-74623
- Dalhalle, J.,** Harris, F.E. Fourier representation method for electronic structures of linear polymers. II. Linear chain of hydrogen atoms 8-79969
- D'Ali, G.** see Basile, M. 8-70416, 8-74240
- Dalia, D.P.** see Turner, D.A. 8-65111
- Dalil, S.** Aziz El see Aziz El Dalil, S.
- Dalitz, R.H.,** Gal, A. The production and decay of ^7Li and ^7He hypernuclei 8-62501
- Dalitz, R.H.** see Gal, A. 8-78300
- Dal'karov, O.D.** On the electromagnetic form factor of a nucleon in the time domain 8-78183
- Dalkhazhly, N.** see Shabrato, G.S. 8-82359
- Dallachy, J.L.** see Campbell, L.C. 8-87531
- Dallas, W.J.** see Almeida, S.P. 8-69261
- Dallas, W.J.** see Case, S.K. 8-87026
- Dallaspazia, G.** see Sinigaglia, D. 8-95851
- Dallavalle, F.,** Famiglietti, M., Hotz, W., Possa, G. Explosive rupture of a power channel pressure tube in a D₂O reactor 8-70605
- Dalle Donne, M.,** Dörner, S., Schumacher, G. Development work for a borax internal core-catcher for a gas-cooled fast reactor 8-58372
- Dallek, S.,** Foley, R.T. Propagation of pitting on aluminum alloys 8-72917
- Dallman, D.P.** see Grassler, H. 8-62466
- Dallman, D.P.** see Rohringer, H. 8-74277
- Dall'olmo, U.** Meteors, meteor showers and meteorites in the Middle Ages: from European medieval sources 8-86105
- Dallos, P.,** Harris, D., Ozdamar, O., Ryan, A. Behavioral, compound action potential, and single unit thresholds: relationship in normal and abnormal ears 8-92642
- Dalmai-Imelik, G.** see Bertolini, J.-C. 8-95952
- Dalmann, B.-K.,** Fechtig, H., Grun, E., Kissel, J. An impact-mass-spectrometer for *in situ* chemical analysis of cometary particulates to be used onboard a flyby-mission 8-93112
- Dalmas, J.,** Petit, G.Y. A study of some excited states of ^{28}Si 8-70482
- Dalrymple, G.J.,** Unsworth, M.H. Longwave radiation at the ground. III. A radiometer for the 'representative angle' 8-73537
- Dalrymple, R.W.,** Knight, R.J., Lambiasi, J.J. Bedforms and their hydraulic stability relationships in a tidal environment, Bay of Fundy, Canada 8-88814
- Dalrymple-Alford, P.,** Goto, M., Oldham, K.B. Shapes of derivative neopolarograms 8-53289
- Dalrymple-Alford, P.,** Oldham, K.B. A Poisson-Boltzmann treatment of the capacitance of a layer of symmetrical spherical dipoles 8-64844
- Dalton, A.J.P.** Bad vibrations in transport 8-55506
- Dalton, B.J.** Nonlinear realizations of the direct product of two Lorentz groups on a skew-symmetric tensor space 8-62329
- Dalton, B.J.** see Baldrige, W.J. 8-86483
- Dalton, C.** see Fouad Zedan, M. 8-63412, 8-94630
- Dalton, D.R.** see Kowalsky, R.J. 8-85377
- Dalton, J.T.** see Morris, J.B. 8-54852
- Dalton, L.R.** see Galloway, N.B. 8-62212, 8-82754
- Dalton, L.R.** see Robinson, B.H. 8-62213
- Dalton, L.R.** see Wilkerson, L.S. 8-96111
- Dalton, P.J.** see Meyers, M.B. 8-86364
- Dalton, W.A.J.** see Leader, J.C. 8-50846
- Daly, A.W.** The response of North Atlantic sea surface temperature to atmospheric forcing processes 8-73399
- Daly, G.H.** ERDA's role in low-level waste management 8-94114
- Daly, P.J.,** Kleinheinz, P., Broda, R., Stefanini, A.M., Lunardi, S., Backe, H., Richter, L., Willwater, R., Weik, F. A 0.5 μs 10^+ isomer in $^{148}\text{Dy}_{32}$ and the $\pi_{11/2}$ effective E2 charge 8-93964
- Daly, P.J.** see Ogawa, M. 8-82310
- Daly, P.W.,** Whalen, B.A. Rocket-borne measurements of particles and ion convection in dayside aurora 8-77391
- Dalyuta, D.D.** see Baranov, V.Yu. 8-50750
- Dam, H.** Van see van Dam, H.
- Dam, H.** Van see Van Dam, H.
- Dam, P.** see Daum, H. 8-71424
- Dam, P.** Van see Van Dam, P.
- Dam, R.J.,** Nadakavukaren, K.K., Griffith, O.H. Photoelectron microscopy of cell surfaces 8-61148
- Damadian, R.,** Minkoff, L., Godsmith, M., Koutcher, J.A. Field-focusing nuclear magnetic resonance (FONAR). Formation of chemical scans in man 8-85354
- Damali, A.,** Esin, A. Micro plastic strain energy criterion applied to reversed biaxial fatigue 8-63391
- Damany, N.** see Larzilliere, M. 8-90182
- Damaschun, G.** see Walter, G. 8-67623
- Damaskin, B.B.** Two-dimensional condensation of an organic substance with reorientation of adsorbed molecules 8-61051
- Damaskinskii, E.V.,** Yarinun, V.S. The Hermitian phase operator and the Heisenberg commutation relations 8-73870
- Dambly, A.** On the way to absolute zero: the latest record 8-74009
- D'Ambrosio, S.M.,** Aebersold, P.M., Setlow, R.B. Enhancement of postreplication repair in ultraviolet-light-irradiated Chinese hamster cells by irradiation in G₂ or S-phase 8-77085
- Damburg, N.,** Shtraus, I.D., Mikel'son, G. Quantitative investigation of marine sediments by activation analysis 8-92814
- Damburg, R.J.,** Kolosov, V.V. An asymptotic approach to the Stark effect for the hydrogen atom 8-70783
- Damelincourt, J.J.,** Karabourmiosis, D., Scoarnec, L., Herbet, P. Instantaneous temperature and electronic density measurements in high-pressure mercury discharges 8-59705
- Damelincourt, J.J.,** Karabourmiosis, D., Scoarnec, L., Herbet, P. Determination of the transition probability and Stark constant for the 546.1 nm Hg line 8-67471
- Damelincourt, J.J.,** Salon, J., Seigne, M., Scoarnec, L., Herbet, P. Temporal and spatial evolution of the chemical composition of a Hg-Tl lamp 8-87532
- Damen, T.C.** see Chang, T.Y. 8-63126
- Damen, T.C.** see Kang, M.H. 8-87094
- Damerch, M.S.A.** see Griolet, C.P. 8-81256
- Damerell, C.J.S.** see Berglund, A. 8-66160
- Damgaard, G.** see Albrow, M.G. 8-58214
- Damgov, V.N.** Impedance of a p-n junction by direct currents 8-84285
- Damiao Soares, I.** Relativistic model of a spherical star emitting neutrinos 8-73705
- Damiao Soares, I.,** Assad, M.J.D. Anisotropic Bianchi VIII/IX cosmological models with matter and electromagnetic fields 8-73784
- D'Amico, A.,** Ridolfini, V.P., Fainelli, D., Petrocco, G. Experimental evidence of third harmonic variations at 77K and at 300K in Au-PbTe-Au and Au-Pb_{Sn_{1-x}}-Te-Au structures 8-84313
- d'Amico, N.** see Buccheri, R. 8-73729, 8-81646, 8-85966
- D'Amico, V.** see Arena, N. 8-82357
- Daminov, Yu.F.** see Shepurev, E.I. 8-90466
- Daminova, M.M.** see Arifov, U.A. 8-52110
- Damirov, D.I.** see Aliev, T.M. 8-70089, 8-89423
- Damle, A.S.** see Razavi, M.D. 8-634
- Damljanovic, D.** Diode thermometer 8-89479
- Dammann, H.** Color separation gratings 8-83072
- Dammertz, G.** see Citron, A. 8-89589
- Dammig, P.,** Fischer, H.-W. Investigation into the dependence of building acoustic measurements on the kind of loudspeaker used 8-75021
- Damodara Das, V.** see Jagadeesh, M.S. 8-71724
- Damon, E.K.** see Nordstrom, R.J. 8-92975
- d'Amore, F.,** Celati, R., Ferrara, G.C., Panichi, C. Secondary changes in the chemical and isotopic composition of the geothermal fluids in Larderello field 8-69387

- Damosso, E.** Specific attenuation and phase shift due to rain in the frequency range from 10 to 30 GHz 8-96261
- Damosso, E.D., De Padova, S.** Rain attenuation study at 11 GHz: experimental results and investigations on the statistical properties of single attenuative events 8-53683
- d'Amour, H., Schiferl, D., Denner, W., Schulz, H., Holzapfel, W.B.** High-pressure single-crystal structure determinations for ruby up to 90 kbar using an automatic diffractometer 8-83875
- D'Amour, H.** see Denner, W. 8-75495
- Damour, T., Hanni, R.S., Ruffini, R., Wilson, J.R.** Regions of magnetic support of a plasma around a black hole 8-57573
- Damronglerd, S.** see Laguerie, C. 8-87638
- Dan Currie, G., Gebhardt, F.G., Orbits, G.C.** A review of real-time thermoplastic modulators 8-79138
- Dan-Di Wu** see Wu Dan-Di
- Dana, R.A.** see Tokunaga, A.T. 8-93372
- Dana, V., Maillard, J.P.** Analysis of the $\nu_1 + \nu_3$ band of $^{14}\text{N}^{16}\text{O}_2$ 8-78693
- Danailov, D.H.** see Roussev, K.A. 8-80538
- Danard, M.B.** see Venkatesh, S. 8-61480
- Dancer, A.** see Franke, R. 8-85316
- Dandapat, B.S., Gupta, A.S.** Stability of magnetodynamic shear flow 8-51244
- Dandi, R.A., Dory, R.A., Uckan, N.A.** The ELMO bumpy torus 8-88429
- Dandi, R.A.** see Colestock, P.L. 8-67414
- Dandridge, A.** see Champion, J.V. 8-76423
- Dandridge, M.H.** TFTR vacuum systems 8-74497
- Danehy, R.G., Owen, T., Lutz, B.L., Woodman, J.H.** Detection of the Kuiper bands in the spectrum of Titan 8-85898
- Danehy, R.G.** see Lutz, B.L. 8-86861
- Daneliya, E.P., Teplitskii, M.D., Kharitonov, V.S.** Coalescence of particles of a chemical compound in a metal matrix 8-92271
- Daneliya, I.A.** see Bugrova, A.I. 8-79475
- Danelyus, R., Dikchys, G., Kabelka, V., Piskarskas, A., Stabinis, A., Yasevichyute, Ya.** Parametric excitation of light in the picosecond range 8-71150
- Daneri, A., Toselli, G.** The bidimensional removal-diffusion shielding code SHREDI: fundamentals and results 8-70645
- Danese, L., De Zotti, G.** A statistical analysis of the data on the microwave background radiation spectrum 8-86039
- Danesh, A.** see Alic, J.A. 8-56722
- Daneshi, G.H., Johnson, W.** Forces developed during the ricochet of projectiles of spherical and other shapes 8-59289
- Daneshi, G.H.** see Johnson, W. 8-83237
- Daneva, P.I.** see Gradinarsky, E.T. 8-60896
- Daney, D.E.** A cryogenic pressure regulator 8-57963
- Daney, D.E., Ludtke, P.R.** Friction factors for flow of near-critical helium in curved tubes 8-83367
- Danforth, S.C., Jennings, H.M., Richman, M.H.** Strength versus nitrated density and microstructural design of reaction-bonded silicon nitride 8-68731
- Dang, G.** Do see Do Dang, G.
- Dang Khoi Le** see Le Dang Khoi
- Dang Le Si** see Le Si Dang
- Dang Tran Quan** see Bideau, D. 8-77911
- Dang Vi-Duong** see Vi-Duong Dang
- Dange, Y.K.** Analysis of a new pressure regulator device 8-93668
- D'Angelo, N.** On high-latitude CNA, F-lacuna and SEC 8-73563
- D'Angelo, S.** see Esposito, B. 8-66132
- Dangoisse, D., Willemot, E., Bellet, J.** Microwave spectrum of formaldehyde and its isotopic species in D, ^{13}C , and ^{18}O : study of Coriolis resonance between ν_4 and ν_6 vibrational excited states 8-82719
- Danh, H.Q.** see Antonia, R.A. 8-75142
- Daniel, D.R.** see Maier, H. 8-76594
- Daniel, F., Moret, J., Maurin, M., Philippot, E.** Crystal structure of a mixed oxotellurate, Te^{IV} and Te^{VI} : $\text{K}_2\text{Te}^{\text{IV}}\text{Te}_3^{\text{VI}}\text{O}_{12}$. Pentacoordination of tellurium (IV) by the oxygen atoms 8-63704
- Daniel, H.** Calculation of the Coulomb capture of mesonic particles in inhomogeneous matter 8-55116
- Daniel, H., Bergmann, R., Dornow, V., Hartmann, F.J., Reidy, J.J., Wilhelm, W.** Search for an effect of the ionic charge on the Coulomb capture of muons in Cu, CuSCN and Cu(SCN) $_2$ 8-66694
- Daniel, H., Denk, W., Hartmann, F.J., Wilhelm, W., von Egidy, T.** Empirical intensity correlations in muonic X-ray spectra of oxides 8-90326
- Daniel, H.** see Wilhelm, W. 8-62959
- Daniel, I.M.** see Hung, Y.Y. 8-57892
- Daniel, J.-Y.** Monte Carlo simulation of light transfer in circumstellar dust shells 8-81608
- Daniel, K.J.** see Privoznik, K.G. 8-92604
- Daniel, M., Mitter, P.K., Viallet, C.M.** Local stability of deformations of self-dual Yang-Mills fields on S^4 8-74153
- Daniel, M., Viallet, C.M.** The gauge fixing problem around classical solutions of the Yang-Mills theory 8-70260
- Daniel, M.R.** see Braginski, A.I. 8-52174, 8-95698
- Daniel, M.R.** see Kupina, R.H. 8-52764
- Daniel, P.Y.** see Koroda, P.K. 8-85396
- Daniel, R.R.** see Badhwar, G.D. 8-73594
- Daniel-Szabo, J.** see Konc, M. 8-60322, 8-60587
- Daniele, J.J.** see Asbeck, P.M. 8-94394
- Daniele, J.J.** see Stacy, W.T. 8-72019
- Daniele, V.G.** On the factorization of Wiener-Hopf matrices in problems solvable with Hurd's method 8-66718
- Danielewicz, E.J., Weiss, C.O.** New CW far-infrared laser lines from CO_2 laser-pumped CD_3OH 8-71082
- Danielewicz, E.J.** see Weiss, C.O. 8-90415
- Danielewicz-Ferchmin, I.** Hydrogen bonding and anomalous saturation 8-52426
- Danielewski, M., Natesan, K.** Oxidation-sulfidation behavior of iron-chromium-nickel alloys 8-72932
- Daniell, G.J.** see Gull, S.F. 8-53837
- Daniell, R.E., Jr.** see Cloutier, P.A. 8-69738
- Danielmeyer, H.G.** see Hattendorff, H.-D. 8-59010
- Daniels, J.D.** M-cells: A logic circuit model to account for some features of CNS inhibition 8-64917
- Daniels, L.C.** see Jones, T.V. 8-94768
- Daniels, M., Morgan, J.P.** Polarization spectroscopy of room temperature emissions from CpC (cytidyl-3',5'-cytidine) and CMP (cytidine monophosphate) in aqueous solution 8-96015
- Daniels, M.R.** see Bichard, V.M. 8-95462
- Daniels, P.G.** Finite amplitude two-dimensional convection in a finite rotating system 8-83394
- Daniels, P.G.** On the unsteady Kutta condition 8-90917
- Daniels, P.G., Stewartson, K.** Overstable convection in a horizontally heated rotating fluid 8-67202
- Daniels, T.C., Medwell, J.O., Williams, R.J.** Condensation heat transfer in rotating heat pipes in the presence of a non-condensable gas 8-51167
- Daniels, W.B.** see Medina, F.D. 8-68509
- Danielsen, M., Mengel, F.** Multimode rate equation description of homogeneous spectral broadening in semiconductor lasers 8-79018
- Danielson, B.L.** see Franzen, D.L. 8-59020
- Danielson, D.A.** Tension field theories for soft tissues 8-65064
- Danielson, G.E.** see Anderson, J.L. 8-57479
- Danielson, K.S.** see Reynolds, D.W. 8-73510
- Danielson, P.S.** see Wong, Y.H. 8-68528
- Danielsson, S.** see Norden, B. 8-62232
- Daniere, J.** see Genevey-Rivier, J. 8-62484
- Danilchenko, I.** see Krenz, W. 8-54624
- Danil'chenko, V.E., Polishchuk, Yu.M., Ustinov, A.I.** Conditions of the formation of a twinned structure of α -martensite in the system $\{011\}\{011\}$ 8-64542
- Danileiko, M.V., Danilov, N.K., Kozubovskii, V.R., Shpak, M.T.** Multimode ring laser 8-82997
- Danileiko, M.V., Nedavnii, A.P.** Resonance phenomena in ring lasers with nonlinear absorption. I. Effects of competition and phase interaction of waves in ring lasers 8-59048
- Danileiko, M.V., Rozhdestvenskaya, T.V., Fedin, V.P.** Measurement of frequency characteristics of a Doppler broadened laser amplification line 8-59060
- Danilenko, A.F., Smirnov, E.V., Demin, B.T.** Hydrochemical characteristic of eddy formations in the ocean 8-81215
- Danilenko, B.D.** see Beloded, V.V. 8-95782
- Danilevich, A.I.** see Gorelov, V.A. 8-63515
- Danilevich, F.M.** see Soitu, V.A. 8-94423
- Danilevich, V.V., Kvachenok, V.G., Priimak, M.A., Chernyavskii, A.F., Yakushev, A.K.** Signal generator for adjusting and calibrating time measurement systems 8-57903
- Danilkin, N.P.** see Gusev, V.D. 8-73525
- Danilov, M.N.** see Andreev, V.N. 8-74413
- Danilov, N.K.** see Danileiko, M.V. 8-82997
- Danilov, S.E.** see Arbuzov, V.L. 8-56126
- Danilov, S.N.** see Syutkin, V.M. 8-68748
- Danilov, V.F.** see Spirov, L.E. 8-84868
- Danilov, V.L., Rakhmanov, P.A., Roshchin, S.N.** Effect of temperature on the fatigue failure of steel 8-88517
- Danilov, V.M.** On the dynamics of close binaries and single stars in open stellar clusters 8-61890
- Danilov, V.N., Syrovoy, V.A.** Comments on 'The theory of generalized single-component fluxes of identical charged particles' by S.N. Ogorodnikov 8-71023
- Danilov, V.N., Syrovoy, V.A.** The design of a gun for forming a high-intensity electron beam with a cross section that is close to rectangular 8-93785
- Danilov, V.T.** see Rafikov, S.R. 8-51449
- Danilov, V.V., Zhurilenko, B.E., Zavislyak, I.V., Tychinskii, A.V., Khorozov, O.A.** Magnetostatic waves and inhomogeneous field in ferrite rods with domain structure 8-76236
- Danilov, V.V.** see Aristov, A.V. 8-82964
- Danilova, N.P.** see Gaidukov, Yu.P. 8-51874
- Danilova, V.I.** see Khaustova, V.I. 8-66461
- Danilova, V.S., Krymskii, G.F.** Determination of the transport coefficients for a plasma with quasicollisions 8-71440
- Danilowicz, R.** see Etters, R.D. 8-83914
- Danilychev, V.A.** see Aleksandrov, V.V. 8-94401
- Danilychev, V.A.** see Basov, N.G. 8-50799, 8-58978, 8-59064
- Danilyuk, B.V.** Unitary-invariant generalizations of the nonlinear spinor theory of fields 8-66024
- Danilyuk, V.I.** see Esin, V.O. 8-87858
- Danishevskii, A.M.** see Asnin, V.M. 8-80025
- d'Anjou, A., Sanz, F.** Radial distribution analysis of amorphous $\text{Al}_{0.23}\text{Te}_{0.77}$ by X-ray diffraction 8-71678
- Dankel, T., Jr.** Nonrelativistic derivation of the charge current of the Pauli equation using velocity operators 8-73872
- Danks, A.C., Hartsuiker, J.W.** uvbyR surface photometry of the 30 Doradus region. II 8-81670
- Danks, A.C., Houziaux, L.** Spectroscopic observations of 27 Canis Majoris from 0.14 to 4.7 microns 8-85957
- Danks, A.C.** see Borgman, J. 8-96517
- Danks, A.C.** see Shaver, P.A. 8-57620
- Danks, A.C.** see West, R.M. 8-54044
- Dankwort, W., Trefftz, E.** Breit-Pauli approximation for highly ionized boron-like ions, up to Fe XXII 8-53810
- Dann, H.** see Wohlfarth, H. 8-78428
- Dannemiller, F.J.** see Alterowitz, R. 8-81057
- Dannenberg, J.J.** see Rayez-Meaueme, M.T. 8-64869
- Danner, H.R.** see Taub, H. 8-87870
- D'Annessa, A.T.** see Lefevre, B.G. 8-64551
- Danon, J.** see Filseth, S.V. 8-90199
- Danon, J.** see Lie, S.K. 8-50470
- Danon, J.** see Scorzelli, R.B. 8-56408
- Danon, J.** see Sigalas, I. 8-61328
- Danon, J.** see Vugman, N.V. 8-60335
- Danshkin, G.K.** see Bartenev, G.M. 8-84908
- Danson, D.P.** see Williams, J.M. 8-92696
- Danto, Y.** see Pistre, J.D. 8-55982
- D'Antona, F., Mazzitelli, I.** The progenitor masses and the luminosity function of white dwarfs 8-65614
- D'Antonio, N.L., Min-Fu Tsan, Griffin, D.E., Charache, P.A., Wagner, H.N., Jr.** Radiometric detection of herpes simplex viruses 8-65117
- Danylewych, L.L., Nicholls, R.W., Neff, J.S., Tatum, J.B.** Absolute spectrophotometry of Comets 1973XII and 1975IX. II. Profiles of the Swann bands 8-85909
- Danzner, R., Kriebbaum, M.** Non-parabolicity of the conduction band and line width of the cyclotron resonance in semiconductors with zinc-blende structure 8-75993
- Danziger, I.J., Goss, W.M., Frater, R.H.** The giant radio galaxies PKS 0211-47 and PKS 0634-20 8-81702
- Danziger, I.J.** see Manchester, R.N. 8-77569
- Danziger, I.J.** see Smith, F.G. 8-93292
- Dao, F.T.** see Whitmore, J. 8-74289
- Dao, N.** Quyet see Quy Dao, N.
- Dao Le Dinh** see Le Dinh Dao
- Dao Vong Duc** Conformal transformations in superspace 8-70295
- Dao-Qun Deng** see Deng Dao-Qun
- Daoud, A.** see Couzi, M. 8-79723
- Dapkins, P.D.** see Dupuis, R.D. 8-55365
- Dapkus, P.D.** see Dupuis, R.D. 8-50804, 8-55363, 8-74907, 8-92120
- Dapkus, P.D.** see Holonyak, N., Jr. 8-74908
- Dappen, W.** see Wolfi, W. 8-58802
- Dapporto, P.** see Bertini, I. 8-80206
- Dar, A.** see Afek, Y. 8-89902, 8-93980
- Dar, A.** see Davidson, A. 8-50005
- Darbha, D.M.** see Beck, A.E. 8-69338
- Darby, D., Grammer, G., Jr.** A gauge model without parity violation in heavy atoms 8-82097
- Darby, M.I.** Effect of stress gradient on the fracture of graphite 8-92321
- Darby, R.L.** see Coleman, T.G. 8-69118
- Darby, T.P., Parker, K.L., Tong, H.C.** Effect of tensile stress on the magnetic domain structure of Fe and NiFe thin films 8-68332
- Darby, T.P., Schindler, R., Balluffi, R.W.** On the interaction of lattice dislocations with grain boundaries 8-51579
- Darcey, T.** see Kavanagh, R.N. 8-92613
- D'Arcy, D.** Analysis of sieve tray froths such as occur in heavy water production plants 8-82438

- Darcy, M.G.**, Rogers, D.E., Derrick, P.J. Design of mass spectrometers for field ionization and field desorption 8-74092
- Dardel, G.** *Von see Von Dardel, G.*
- Darden, C.W.**, Hasemann, H., Krolzig, A., Schmidt-Parzefall, W., Schroder, H., Schulz, H.D., Selonke, F., Steinmann, E., Wurth, R., Hofmann, W., Wegener, D., Albrecht, H., Schubert, K.R., Bockmann, P., Jonsson, L. Observation of a narrow resonance at 9.46 GeV in electron-positron annihilations 8-62415
- Darden, C.W.**, Hasemann, H., Krolzig, A., Schmidt-Parzefall, W., Schroder, H., Schulz, H.D., Selonke, F., Steinmann, E., Wurth, R., Hofmann, W., Markees, A., Wegener, D., Albrecht, H., Schubert, K.R., Bockmann, P., Jonsson, L. Evidence for a narrow resonance at 10.01 GeV in electron-positron annihilations 8-93895
- Darden, C.W.** *see Malbrough, D.J.* 8-70570
- Darden, C.W.** *see Freedom, B.M.* 8-70571
- Darden, S.E.** *see Montestrucque, L.A.* 8-89885
- Darden, S.E.** *see Nakamura, H.* 8-89884
- Dardy, H.D.** *see Bucaro, J.A.* 8-55501
- Dare, W.M.** *see Caughey, S.J.* 8-69419
- Daree, K.**, Kaiser, W. Optical surfaces figured by laser-controlled chemical reactions 8-63209
- Darema-Rogers, F.**, Vincent, C.M. Energies and bounds from perturbative approximations to the Bloch-Horowitz effective Hamiltonian 8-70466
- Darenskikh, O.G.** *see Bespyatykh, A.S.* 8-93657
- Darevskii, A.S.**, Dyuzhikov, I.N., Zhdan, A.G. The photoconductivity of island films of metals 8-95392
- Dargelos, A.** *see Pouchan, C.* 8-90093
- Dargier, C.** *see Bonnefoi, P.* 8-54865
- Dargis, A.B.** Point light source detection characteristics of a SEC vidicon digital TV camera 8-54457
- Dariel, M.P.** *see Dublon, G.* 8-52254
- Darinskii, B.M.** *see Gridnev, S.A.* 8-72474
- Darius, J.**, Whitelock, P.A. An ultraviolet sub-wavelength companion to HD 17576 8-96479
- Darken, L.S.** *see Cafasso, F.A.* 8-88643
- Darken, L.S.** *see Dye, J.L.* 8-57205
- Darley, F.L.** *see Podraza, B.L.* 8-65058
- Darley, H.M.** *see Christopher, J.E.* 8-72258
- Darlington, C.N.W.**, O'Connor, D.A. On the energy width of the central peak in the scattering near structural phase transitions in perovskites 8-79724
- Darlington, M.W.** *see Ballard, J.W.* 8-52903
- Darlington, M.W.** *see Hunt, D.G.* 8-95883
- Darr, A.**, Kothaus, J.P. Magnetotransport in an inversion layer on p-InSb 8-64138
- Darrah, R.C.**, Andrews, M.L., Garscadden, A., Bletzinger, P. Real-time method for NO₂ flow measurements 8-71410
- Darriet, B.**, Devalette, M., Lecart, B. Determination of the crystal structure of K₃AgO₂ 8-95029
- D'Arrigo, G.**, Tartaglia, P. Sound propagation along a line of plait points of the ternary system methanol-nitrobenzene-iso-octane 8-79669
- Darrigol, O.**, Hayot, F. Scaling violations for the spin-dependent structure function G₁ 8-93880
- Darriulat, P.** *see Clark, A.G.* 8-89751, 8-89759
- D'Arruda, J.**, Larsen, E.W. Simple derivation of the diffusion equation from the Fokker-Planck equation using perturbation methods 8-54117
- Darves-Blanc, R.** *see Nguyen Van Sen* 8-50210
- Darville, J.**, Depieux, J. Recent experimental advances in the dilute alloy Kondo problem 8-84384
- Darvoid, T.I.** *see Mastikhin, V.M.* 8-71165
- Darwin, C.J.** *see Brady, S.A.* 8-65044
- Darwish, A.M.** *see Nassar, A.M.* 8-83997
- Das, A.** Some basic and new aspects on the disturbance fields of unsteady singularities in uniform motion 8-71355
- Das, A.** Spontaneous symmetry breaking in a supersymmetric model 8-74170
- Das, A.**, Kaku, M., Townsend, P.K. Unified approach to matter coupling in Weyl and Einstein supergravity 8-54275
- Das, A.N.**, Ghosh, B. Studies on the thermal expansion of a simple displacive-type ferroelectric and the effect of pressure on its transition temperature 8-72471
- Das, B.C.** *see Alder, J.F.* 8-85231
- Das, B.K.** *see Jain, G.C.* 8-64225, 8-92188
- Das, B.L.** *see Lal, M.N.* 8-75025
- Das, B.N.** *see Francavilla, T.L.* 8-52130
- Das, D.** *see Kumar, K.* 8-68295, 8-95468
- Das, G.**, Wagner, A.F., Wahl, A.C. Calculated long-range interactions and low energy scattering in He+H, Ne+H, Ar+H, Kr+H, and Xe+H 8-70897
- Das, G.**, Wahl, A.C. Pseudopotential study of some prominent band systems of the spectra of the I₂ molecule 8-78632
- Das, G.**, Wahl, A.C., Zemke, W.T., Stwalley, W.C. Accurate ab initio potential curves for the X²Π_g, A²Π_g, a⁴Σ_g⁻, and ²Σ_g⁻ states of the O₂⁻ ion 8-66483
- Das, H.A.** *see Luten, J.B.* 8-76953
- Das, I.** *see Dubey, B.L.* 8-88091
- Das, I.** *see Rastogi, R.P.* 8-63731
- Das, K.C.**, Banerji, S. Axially symmetric stationary solutions of Einstein-Maxwell equations 8-93576
- Das, K.R.**, Supe, S.J. Accidental fall of a 3000 curie cobalt-60 source in a teletherapy room and its retrieval 8-53524
- Das, K.R.** *see Santhamma, A.V.* 8-69217
- Das, M.**, Goswami, K., Choudhury, S., Choudhury, A. F-centre formation efficiency in electron injected KCl single crystal 8-63790
- Das, P.**, Arsenault, D.R. Application of SAW devices in non-destructive testing using ultrasound 8-60969
- Das, P.**, Ferry, D.K., Barr, A.H. The transient response of quasi-two-dimensional semiconductors under hot electron conditions 8-60223
- Das, P.** *see Ayub, F.M.M.* 8-78926
- Das, R.**, Chattopadhyay, S. Vibrational spectra and rotational isomerism of some aliphatic molecules 8-62810
- Das, R.**, Nandy, S.K. Rotational isomerism in methyl 2-chloro and methyl 2-bromopropionate 8-58680
- Das, R.C.** *see Aditya, S.* 8-56912
- Das, S.G.**, Sinha, S.K., Wakabayashi, N. Microscopic theory of charge density wave instability in NbSe₂ 8-79732
- Das, S.K.**, Kaminsky, M., Dusza, P. Surface damage of molybdenum and TZM alloy under D⁺ impact 8-71774
- Das, S.K.**, Kaminsky, M., Fenske, G. The significance of a correlation of blister damage with skin thickness for Ni and Be for blistering models 8-95067
- Das, S.K.**, Roy, D., Sengupta, S. An electron fluid model for metals. Application to alkali metals 8-75738
- Das, S.K.** *see Basu, J.* 8-51314
- Das, S.K.** *see Fenske, G.* 8-95088
- Das, S.K.** *see Kaminsky, M.* 8-95092
- Das, S.R.**, Vankar, V.D., Nath, P., Chopra, K.L. The preparation of Cu₂S films for solar cells 8-76602
- Das, T.K.** *see Coelho, H.T.* 8-54693
- Das, T.K.** *see de Melo, L.C.* 8-82628
- Das, T.P.** *see Andriessen, J.* 8-78638
- Das, T.P.** *see Mallick, M.K.* 8-50475
- Das, T.P.** *see Sternheimer, R.M.* 8-58606
- Das, T.P.** *see Thompson, M.D.* 8-51951
- Das, U.** *see Talukdar, B.* 8-78104
- Das, U.C.** *see Kumar, R.* 8-96304
- Das, V.** Damodara *see Damodara Das, V.*
- Das Gupta, S.R.** An exact solution of transfer equations for interlocked multiplets 8-77478
- Das Gupta, S.R.** A new technique for exact and unique solution of transfer equations in finite media 8-77479
- Das-Gupta, D.K.**, Doughty, K. Corona charging and the piezoelectric effect in polyvinylidene fluoride 8-88256
- Das-Gupta, D.K.**, Doughty, K. On the nature of poling by corona charging and the pyroelectric effect in PVF₂ 8-92027
- Dasannacharya, B.A.** *see Goyal, P.S.* 8-55821, 8-79542
- D'Asaro, E.A.** Mixed layer velocities induced by internal waves 8-73395
- Dascalu, D.** *see Negru, S.* 8-68087
- D'Asdia, P.** *see Di Carlo, A.* 8-83276
- Dasenbrock, R.** *see Alfriend, K.T.* 8-53801
- Dasgupta, C.**, Harris, A.B., Lubensky, T.C. Renormalization-group treatment of the random resistor network of 6-ε dimensions 8-51956
- Dasgupta, D.** *see Ghosh, G.* 8-54405
- Dash, J.G.** Liquid helium films 8-60002
- Dash, J.G.** Has two-dimensional superfluidity been seen in real 'He' films? 8-95201
- Dash, J.W.**, Jones, S.T., Manesis, E.K. Flavor and baryon quantum numbers and their non-diffractive renormalizations of the Pomeron 8-82177
- Dash, P.C.** *see Rao, K.R.P.* 8-62739
- Dashen, R.** *see Callan, C.G.* 8-82145
- Dashen, R.** *see Gallan, C.G., Jr.* 8-70332
- Dashen, R.F.** *see Callan, C.G., Jr.* 8-93849
- Dashevskaya, D.M.** *see Bol'shakov, A.S.* 8-88142
- Dashevskii, V.G.** *see Il'icheva, I.A.* 8-80827, 8-96000
- Dashevskii, V.G.** *see Umarova, I.O.* 8-75581
- Dashevskii, Ya.T.** Optimal adjustment of measuring instruments 8-77829
- Daspel, F.** *see Valentin, G.* 8-88515
- Dass, L.**, Kachhava, C.M. Bulk properties of alkali hydride crystals on the molecular behaviour 8-51468
- Dasso, C.** *see Vassanji, M.G.* 8-50072
- Dasso, C.H.** *see Broglia, R.A.* 8-70555
- Dasso, C.H.** *see Esbensen, H.* 8-82372
- Dastarac, G.**, Dupuy, J., Gibert, A., Berger, G. Initial growth of electric wind and sonic wave of pulsed discharge in air 8-87587
- Dastarac, G.** *see Berger, G.* 8-67560
- Dasyuk, Ya.I.** *see Shvets', R.M.* 8-67052
- Dasyuk, Ya.I.** *see Shvits, R.N.* 8-62169
- Dat, R.**, Angelini, J.-J. Difficulties encountered by aerolasticians of unsteady aerodynamics 8-75095
- Dat Nguyen Nhu** *see Nguyen Nhu Dat*
- Data, A.** *see Jachimowski, M.* 8-52674
- Datarina, S.P.** *see Linkens, D.A.* 8-56948, 8-80855
- Datars, W.R.**, van Schyndel, A., Lass, J.S., Chartier, D., Gillespie, R.J. Mercury extrusion from linear-chain mercury compounds 8-55953
- Datars, W.R.** *see Holroyd, F.W.* 8-84132
- Date, A.W.** *see Benodekar, R.W.* 8-75140, 8-79189
- Date, M.** *see Kuroda, S.* 8-64264
- Date, S.K.**, Joag, P.S., Nigayekar, A.S. Formation of Fe²⁺ state in Li₂CO₃ treated ferroelectric lithium niobate from Mossbauer effect (ME) 8-92003
- Date, T.H.**, Patil, N.P. On the Cauchy problem for the general relativistic perfect magnetofluid 8-70024
- Date, T.H.** *see Asgekar, G.G.* 8-54269, 8-89384
- Datla, R.U.**, Griem, H.R. Stark profile measurements on Lyman series lines of Al XIII 8-51348
- Datla, R.U.** *see Brooks, R.L.* 8-71525
- Datlov, J.**, Kopecky, V., Musil, J., Zacek, F., Novik, K. HF heating of a plasma column at frequencies below the electron cyclotron frequency 8-91125
- Datsko, O.I.**, Degtyar', E.P., Reutskaya, L.A. Anomalies of sound propagation in single-crystal bismuth under hydrostatic pressure 8-83884
- Datt, S.C.** *see Singh, R.* 8-80277
- Datta, A.** Photodetectors 8-89545
- Datta, A.K.**, Chakrabarti, S.K. Formant extraction using tracking loop filters [speech recognition] 8-65051
- Datta, D.K.**, Rao, J.R. Singularities in static axially symmetric coupled fields 8-65822
- Datta, K.K.** *see Saha, S.* 8-90244
- Datta, M.K.** *see Datta, R.* 8-86779
- Datta, N.** *see Jana, R.N.* 8-51246
- Datta, P.K.** An investigation of the buckling behaviour and parametric resonance phenomenon of a tensioned sheet with a central opening 8-90759
- Datta, P.S.**, Gupta, S.K. Soil moisture movement and groundwater recharge by tritium tagging technique—discussion 8-61438
- Datta, R.** Existence of condensed phase in lattice gas model 8-73931
- Datta, R.**, Datta, M.K., Ghosh, D.C. Some effects of (2s-2p) electron promotion in boron 8-86779
- Datta, S.**, Hunsinger, B.J. Analysis of surface waves using orthogonal functions 8-51810
- Datta, S.**, Hunsinger, B.J. A model for multi-rack nonperiodic multistrip couplers 8-75026
- Datta, S.** *see Hoskins, M.J.* 8-79180
- Datta, S.** *see Sthapit, Y.R.* 8-67174
- Datta, S.K.** A self-consistent approach to multiple scattering by elastic ellipsoidal inclusions 8-63372
- Datta, S.N.**, Ewig, C.S., Van Wazer, J.R. Application of effective potentials to relativistic Hartree-Fock calculations 8-74559
- Datta, S.N.**, Ewig, C.S., Van Wazer, J.R. The geometric and electronic structures of I₃⁻ and I₃⁺ from effective-potential calculations 8-74788
- Datta, T.** *see Somoano, R.B.* 8-68023
- Datta Manoj Kumar** *see Manoj Kumar Datta*
- Datta Ranjan** *see Ranjan Datta*
- Dattagupta, N.** *see Hogan, M.* 8-94344
- Dattaguru, B.** *see Mangal giri, P.D.* 8-62057
- Dattoli, G.**, Matone, G., Prosperi, D. Electromagnetic properties of charmed hadrons 8-70368
- Dattoli, G.**, Mignani, R. Formulation of electromagnetism in a six dimensional space-time 8-54182
- Dattoli, G.**, Mignani, R., Prosperi, D. Dipole magnetic moments of charmed baryons in a new U₃ scheme 8-58165
- Dattoli, G.**, Mignani, R., Prosperi, D. More flavours now: an eight-quark model of hadrons 8-82142
- Dattoli, G.**, Mignani, R., Prosperi, D. More about a new approach to the magnetic moments of charmed baryons 8-82209
- Datz, S.** Ion induced inner shell vacancy formation 8-70926
- Datz, S.** Atomic collisions in solids 8-75697
- Datz, S.** *see Dittner, P.F.* 8-56913
- Dau, G.J.** Rationale for incorporating in-service inspection requirements during nuclear power plant design/fabrication 8-78451
- Dau, W.D.** *see Allkofer, O.C.* 8-89029
- Daubert, J.** *see Loidl, A.* 8-79659

- d'Aubigne, Y.M.** *see* Le Si Dang 8-72437
D'Aubigne, Y.Merle *see* Merle D'Aubigne, Y.
Daubler, H.-G. *see* Schonauer, W. 8-90816
Dauchy, A. *see* Koang, D.H. 8-74388
Dauchy, A. *see* Tsan Ung Chan 8-74313
Daudel, R. The role of quantum mechanics in the set-up of a mathematical government among molecular populations 8-54243
Daudel, R., Kari, R.E., Poirier, R.A., Godard, J.D., Csizmadia, I.G. Ab initio molecular orbital calculations on the Si₂H₄ molecule 8-94187
Daudel, R. *see* Burke, L.A. 8-74557
Daudey, J.P. *see* Clavierie, P. 8-73130
Dauer, F.W. Experimental determination of impact force vs. displacement curves 8-83344
Dauger, A. *see* Boch, P. 8-80579
Daugeras, B. *see* Baland, J.F. 8-93911
Daugeras, B. *see* Gidal, G. 8-58201
Daugeras, B.Y. *see* Gelfand, N. 8-74274
Daugherty, C. *see* Feldman, C.L. 8-80941
Daugherty, J., Schonfelder, V. Background sensitivity of a double Compton gamma-ray telescope to atmospheric neutrons 8-53827
Daughton, W.J., Tompson, C.W., Gurmen, E. Lattice instability and phonon lifetimes in Pb_{1-x}Sn_xTe alloys 8-55932
Daukeev, D.K. *see* Bekmukbambetov, E.S. 8-91485
Daul, C. *see* Bird, B. 8-90061
Daul, W. *see* Johnston, M.J.S. 8-92802
Daum, H., Fabjan, C.W., Pordes, S.H., Franklin, M., Dam, P., Rothenberg, A.F. Measurements of electron drift velocities as a function of electric and magnetic fields in several gas mixtures 8-71424
Daum, H.J. *see* Berger, Ch. 8-62414, 8-89725
Daumann, H. *see* Berger, Ch. 8-62414, 8-89725
Daumas, A. Study of the diffraction by a thin screen set-up on the ground 8-87188
Daumenmier, J.A. *see* Kulacki, F.A. 8-87235
Daunt, J.G. *see* Hegde, S.G. 8-91503
D'Auria, J.M., Gruter, J.W., Hagberg, E., Hansen, P.G., Hardy, J.C., Hornshoj, P., Jonson, B., Mattsson, S., Ravn, H.L., Tide-mand-Petersson, P. Properties of the lightest known caesium isotopes ^{114,118}Cs 8-70489
Dausinger, F. The low-temperature recovery of electron-irradiated tungsten 8-87714
Dautcourt, G., Rose, K. Polarized radiation in relativistic cosmology 8-73781
Dautov, A.I. *see* Gonopol'skii, A.M. 8-83622
Dautov, G.Yu. *see* Bedretinov, Z.M. 8-51370
Dauvergne, F. *see* Gabriel, A. 8-62281
Daval, J. *see* Ferrand, B. 8-91910
Davelaar, J. *see* Bleeker, J.A.M. 8-85941
Davenport, D.A., Fosterling, R.B., Srinivasan, V. Molar volumes: Microscopic insight from macroscopic data 8-69930
Davenport, J. *see* Ashby, M.F. 8-84895
Davenport, J. *see* Knutson, D. 8-50350
Davenport, J.W. Determination of adsorbate bond geometry using photoemission 8-71951
Davenport, J.W., Ho, W., Kirtley, J., Schrieffer, J.R. Calculations of inelastic tunneling cross sections using self-consistent multiple scattering techniques 8-90260
Davenport, J.W., Ho, W., Schrieffer, J.R. Theory of vibrationally inelastic electron scattering from oriented molecules 8-67907
Davenport, J.W. *see* Ho, W. 8-72653
Davenport, J.W. *see* Messmer, R.P. 8-76576
Davey, A. On Itoh's finite amplitude stability theory for pipe flow 8-63498
Davey, A. On the stability of flow in an elliptic pipe which is nearly circular 8-71397
Davey, A. *see* Gibbon, J.D. 8-49955
Davey, J.E. *see* Anderson, W.T., Jr. 8-68086, 8-88027
Davey, J.E. *see* Christou, A. 8-63942
Davey, M.K. Recycling flow over bottom topography in a rotating annulus 8-90916
Davey, R.F. A comparison of Doppler sodar antenna configurations used for horizontal wind measurement 8-65410
Davey, T.G. *see* Baker, E.H. 8-84209
David, A.J. *see* Harrison, J.D. 8-77117
David, C.W. *see* Stillinger, F.H. 8-91216
David, I. *see* Berinde, A. 8-78351
David, J. *see* Grekov, F.F. 8-63726
David, M., Sunda, C.M., Bapat, V.N., Ganguly, A.K. Thermoluminescence of quartz. III. Sensitization by pre-gamma exposure 8-64418
David, M., van Tendeloo, G., van Landuyt, J., Gevers, R. The critical voltage effect in transmission electron microscopy. X. Experimental observations in the presence of non-systematic reflections 8-67626
David, P., Debrus, J., Lubke, F., Schoenmackers, R., Schulze, J. The fission processes ²³⁶U(α,α'f) at E_α=50 MeV and ²³⁵U(d,pf) at E_d=23 MeV and the total kinetic energy release in fission of excited nuclei 8-78426
David, P.H. *see* Kroger, W. 8-82429
David, P.H. *see* Wolters, J. 8-58390
Davidenko, G.V., Karmanov, V.A., Shishov, N.N. Estimate of cross section for the reaction π⁺A→π⁰X with intermediate production of slow isobar Δ(1240) on heavy nuclei 8-89917
Davidenko, G.V., Nikolaev, N.N. Hadron final states in deep-inelastic leptonproduction on nuclei 8-54741
Davidescu, A. *see* Haase, D.G. 8-81748
Davidov, D. *see* Bloch, J.M. 8-84481
Davidov, D. *see* Dokter, H.D. 8-52348
Davidov, D. *see* Shinar, J. 8-91533
Davidov, D. *see* Urban, P. 8-52347
Davidov, D.D. *see* Dokter, H.D. 8-52349
Davidovic-Ristovski, G.S. Spectra of hybrid excitations in magneto-optical media 8-80320
Davidovich, R.L. *see* Petrashev, V.E. 8-80201
Davidovich, R.L. *see* Zaripov, M.M. 8-68000
Davidovich, V.G. *see* Samoilov, N.Ya. 8-70159
Davidovits, P. *see* Raguraman, P. 8-90951
Davidovskii, V.M. *see* Burbelo, M.R.M. 8-87666
Davidowski, L.J., Jr. *see* Barrett, P. 8-92542
Daids, C.N., Geesaman, D.F., Tabor, S.L., Murphy, M.J., Norman, E.B., Pardo, R.C. Mass and β decay of the new isotope ⁵⁷Cr 8-70436
Daids, C.N. *see* Geesaman, D.F. 8-82404
Daids, C.N. *see* Murphy, M.J. 8-66213
Daids, C.N. *see* Norman, E.B. 8-78317, 8-82288
Daidsen, A.F. *see* Snyder, W.A. 8-54013
Daidsen, A., Dar, A. Lorentz-type internal symmetry 8-50005
Daidsen, A., Moore, J.M., Jr. Omo River project data-management system: an appraisal 8-57326
Daidsen, A. *see* Moore, J.M., Jr. 8-61377
Daidsen, C.I., Friedlander, S.K. A filtration model for aerosol dry deposition: application to trace metal deposition from the atmosphere 8-73441
Daidsen, C.R. *see* Couchman, P.R. 8-61048
Daidsen, D.L., Lankford, J. The influence of water vapour on fatigue crack plasticity in low carbon steel 8-64678
Daidsen, D.W., Eskridge, J.B. Reliability of visual acuity measures of amblyopic eyes 8-65011
Daidsen, D.W. *see* Ripmeester, J.A. 8-91969
Daidsen, E.R. *see* Ho, C.-N. 8-92546
Daidsen, E.R. *see* Martin, R.L. 8-70800, 8-70996
Daidsen, E.R. *see* Nitzsche, L.E. 8-62705, 8-94194
Daidsen, G., Duce, D.A. An improved program for calculating vibrational force constants 8-58655
Daidsen, J., Hornberger, G.M., Molz, F.J. The U.S. educational effort in unsaturated zone hydrology 8-81224
Daidsen, J., Wells, D.R., Phadke, L.G., Hirschberg, J.G., Tunstall, J., Ziajka, P.E. Simultaneous electron density and ion temperature measurements of a moderately dense plasma using Doppler and Stark broadened He II lines 8-67407
Daidsen, J. *see* Davidson, M. 8-93941
Daidsen, J. *see* McLean, J.A. 8-75237
Daidsen, J. *see* Wells, D.R. 8-71504
Daidsen, J.A., Schiff, H.I., Brown, T.J., Howard, C.J. Temperature dependence of the deactivation of O(¹D) by CO from 113-333K 8-88629
Daidsen, J.A., Schiff, H.I., Brown, T.J., Streit, G.E., Howard, C.J. Rate constants for the deactivation of O(¹D) by Xe, Kr, and Ar over the range 110-330K 8-88628
Daidsen, J.A., Viggiano, A.A., Howard, C.J., Dotan, I., Fehsenfeld, F.C., Albritton, D.L., Ferguson, E.E. Rate constants for the reactions of O₂⁺, NO₂⁺, NO⁺, H₂O⁺, CO₃⁺, NO₂⁻, and halide ions with N₂O₃ at 300K 8-56879
Daidsen, J.M. *see* Zyskind, J.L. 8-66273
Daidsen, J.N. *see* Rome, J.A. 8-58464
Daidsen, J.P. *see* Close, D.A. 8-70440
Daidsen, K.L., Houlihan, T., Schacher, G., Fairall, C. An examination of scaling laws for C_i⁺ in the layer adjacent to ocean waves 8-85677
Daidsen, M. A classical realization of quantum mechanics 8-73868
Daidsen, M. On the equivalence of quantum mechanics and a certain class of Markov processes 8-86188
Daidsen, M., Davidson, J., Behar, M., Bermudez, G.G., Mariscotti, M.A.J. High spin states in ⁸⁹Y 8-93941
Daidsen, M., Grether, D. The effects of solar energy conversion on climate 8-81356
Daidsen, M. *see* Albrow, M.G. 8-58214
Daidsen, M. *see* Grether, D. 8-85680
Daidsen, M.C., Rozier Holland, L. Narrow zone heating by a new radiation focusing technique—toroidal ellipsoid furnace 8-88424
Daidsen, R., Kozak, J.J. On the relaxation to quantum statistical equilibrium of the Wigner-Weisskopf atom in a one-dimensional radiation field. VIII. Emission in an infinite system in the presence of an extra photon 8-62769
Daidsen, R.C. Quasi-linear stabilization of lower-hybrid-drift instability 8-83548
Daidsen, R.C., Crichton, B.H., Farish, O. Analysis of discharge development with relative motion between gas and electrodes 8-63616
Daidsen, R.C., Farish, O. The negative corona discharge in an air stream 8-67585
Daidsen, R.C., Gladd, N.T., Goren, Y. Influence of magnetic shear on the lower-hybrid-drift instability in toroidal reversed-field pinches 8-67397
Daidsen, R.C. *see* Goren, Y. 8-75285
Daidsen, R.C. *see* Lynch, B.R. 8-67573
Daidsen, R.C. *see* Uhm, H. 8-83556
Daidsen, R.O. *see* Edwards, F.J. 8-94732
Daidsen, R.S. *see* Beddard, G.S. 8-62836
Daidsen, S.M. Semiconductor material assessment by scanning electron microscopy 8-64794
Daidsen, S.M. *see* Ioannou, D.E. 8-79614
Daidsen, V. *see* Chadwick, G.B. 8-66175
Daidsen, W. Should Hubble's constant be doubled? 8-81722
Daidsen, W.F. *see* Alexeev, V.L. 8-54721
Daidsen, W.F. *see* Casten, R. 8-62540
Daidsen, A. *see* Norden, B. 8-60417
Davies, A.E., van der Sluijs, M.J., Jones, G.P., Davies, M. Further study of high field dielectric effects in H₂O, D₂O and ionic solutions 8-68441
Davies, A.E., van der Sluijs, M.J., Parry Jones, G. Notes on a system for the investigation of nonlinear dielectric effects 8-82002
Davies, A.J., Evans, C.J., Woodson, P.M. Simulation of the growth of axially symmetric discharges between plane parallel electrodes 8-91173
Davies, A.J. *see* Bye, P. 8-87580
Davies, A.M. The use of the Galerkin method with a basis of B-splines for the solution of the one-dimensional primitive equations 8-49650
Davies, A.M. Application of the Galerkin method to the solution of Burgers' equation 8-87352
Davies, A.R., Evans, G.J., Evans, M.W., Wegdam, G.H. Mori three variable theory and computer simulation of translational motions in molecular fluids 8-63651
Davies, A.W. Pollution problems arising from the drought, 1975-76 8-88868
Davies, B. Mathematical models in oscillation theory [for teachers] 8-86087
Davies, B., Poliakov, M., Smith, K.P., Turner, J.J. IR laser isotopic enrichment of SF₆ in low-temperature matrices—a spectroscopic artefact 8-90318
Davies, B. *see* Burdett, J.K. 8-92492
Davies, B. *see* Poliakov, M. 8-74651
Davies, B.L. *see* Franklin, P. 8-64646
Davies, D.B. Conformations of nucleosides and nucleotides 8-76990
Davies, D.E., Lorenzo, J.P., Ryan, T.G. n-type doping of indium phosphide by implantation 8-91351
Davies, D.E.N. *see* Kingsley, S.A. 8-55446
Davies, D.J.G. *see* Vinicombe, D.A. 8-77087
Davies, D.K. *see* Lowke, J.T. 8-71605
Davies, D.K. *see* Tuma, D.T. 8-75447
Davies, E.B. A model of heat conduction 8-54319
Davies, F.B. *see* Windley, B.F. 8-65225
Davies, G., Foy, C.P. Analysis of uniaxial stress effects on the GR 2-3 (2.8804, 2.8866 eV) absorption lines in diamond 8-72563
Davies, G. *see* Thomaz, M.F. 8-76520
Davies, G.F. The roles of boundary friction, basal shear stress and deep mantle convection in plate tectonics 8-57188
Davies, G.R. *see* Gibson, A.G. 8-76691
Davies, H.G. Multiple-reflection diffuse-scattering model for noise propagation in streets 8-87190
Davies, J. *see* Chiang, T.C. 8-60517, 8-76525
Davies, J.A. *see* Cullen, A.L. 8-54396
Davies, J.A. *see* Norton, P.R. 8-71916
Davies, J.D. *see* Batty, C.J. 8-62578
Davies, J.E. Control of magnetic properties during the processing of single crystal garnet films 8-60588
Davies, J.E., Galli, G., Suits, J.C. Garnet film magnetic property control during growth and processing 8-68638
Davies, J.J. Signal enhancement by field modulation in optically-detected magnetic resonance experiments 8-56406
Davies, J.J., Nicholls, J.E., Cavenett, B.C. Optically-detected magnetic resonance applied to the excited states of defects in semiconducting phosphors 8-80254
Davies, J.J. *see* Nicholls, J.E. 8-80255
Davies, J.K. *see* Brown, R.M. 8-82231

- Davies, J.T., Makepeace, R.W. Measurement of the surface ages of water jets 8-83442
- Davies, J.V. see Buchanan, J.D. 8-85186
- Davies, K. Forecasting and prediction of ionospheric parameters 8-93046
- Davies, K. Artificial modification of the ionosphere 8-93048
- Davies, K. see Rastogi, R.G. 8-57393
- Davies, K.T.R., Maruhn-Rezwani, V., Koonin, S.E., Negele, J.W. Test of the time-dependent mean-field theory in Kr-induced strongly damped collisions 8-82374
- Davies, M. see Davies, A.E. 8-68441
- Davies, M. see Dawson, B. 8-59321
- Davies, M.E. The control net of Mars: May 1977 8-73667
- Davies, M.E. see Dollfus, A. 8-53848
- Davies, P.B., Handy, B.J., Murray Lloyd, E.K., Russell, D.K. Detection and assignment of the far infrared LMR spectrum of SeH ($X^2\Pi_{3/2}$) 8-66564
- Davies, P.C.W. Thermodynamics of black holes 8-93301
- Davies, P.C.W. see Bunch, T.S. 8-65852
- Davies, P.O.A.L., Baxter, D.R.J. Transition in free shear layers 8-94643
- Davies, P.W. see Watanabe, T. 8-75717
- Davies, R. Recent progress in rapid-response and on-line methods for particle-size analysis 8-89429
- Davies, R. see Weinman, J.A. 8-85638
- Davies, R.A. Calculations of charge exchange cross-sections with particular reference to processes involving metal atoms 8-55236
- Davies, R.D., Meaburn, J. A new optical supernova remnant 8-96518
- Davies, R.G. The mechanical properties of zero-carbon ferrite-plus-martensite structures 8-56709
- Davies, R.G. Influence of martensite composition and content on the properties of dual phase steels 8-76717
- Davies, R.W., Oli, B.A. Theoretical calculations of H_2O linewidths and pressure shifts: comparison of the Anderson theory with quantum many-body theory for N_2 and air-broadened lines 8-74708
- Davies, S. see Armstrong, R. 8-66816
- Davies, W.B.R. A review of electron and positron scattering by atoms 8-58828
- Davies, W.L., Plant, G.R. A transducer for the clinical recording of ocular microtremor 8-96109
- Davini, C. Characterization of the weakly rigid motions in linear kinematics of Cosserat surfaces 8-87267
- Davinroy, A.T. see Bonesteel, R.M. 8-55598
- Davis, A.C. Deep inelastic structure functions and the neutron charge radius 8-70334
- Davis, A.C. see Bell, J.S. 8-89664
- Davis, A.M.J., Leppington, F.G. The scattering of surface waves by compact obstacles 8-90925
- Davis, A.M.J., O'Neill, M.E. Separation in a Stokes flow past a plane with a cylindrical ridge or trough 8-55653
- Davis, A.S. see Blanchard, M.B. 8-61819
- Davis, C.A., Abegg, R. Spin-parity combinations in ^{18}F 8-74305
- Davis, C.C. see Lewittes, M.E. 8-94305
- Davis, C.L., Maslen, E.N. Minimizing the variance in integrals and derivatives of the electron density 8-91195
- Davis, C.L., Maslen, E.N., Varghese, J.N. Minimizing the variance in densities evaluated by Fourier synthesis 8-55774
- Davis, C.L. see Bosetti, P.C. 8-70357
- Davis, C.M., Dragonette, L.R., Flax, L. Acoustic scattering from silicone rubber cylinders and spheres 8-79149
- Davis, D.H., Tovee, D.N., Nowak, R. The Σ^{π^+} system at the K-P threshold and below 8-70407
- Davis, D.H. see Erriquez, O. 8-78170
- Davis, D.H. see Nowak, R.J. 8-78213
- Davis, D.S., Andrew, K.L. A remeasurement of the photographic emission spectrum of neutral vanadium (VI) 8-62750
- Davis, D.S., Andrew, K.L., Verges, J. Infrared emission spectrum of neutral vanadium (VI) 8-62746
- Davis, G.D., Lagally, M.G. Measurement of valence band Auger spectra for GaAs (110) from Ga and As CCV transitions 8-92149
- Davis, G.J., Moler, C.B. Sensitivity of matrix eigenvalues 8-89295
- Davis, H.H., Papazoglou, T.P. Poolside examination results of EPRI/B&W demonstration fuel assemblies 8-86587
- Davis, H.L. see Noonan, J.R. 8-71914
- Davis, H.L. see Uehla, M. 8-71650
- Davis, H.T. see Kleban, P. 8-63531
- Davis, J., Whitney, K.G., Apruèse, J.P. The importance of photoexcitation to the ionization dynamics of laser-produced carbon plasmas 8-91130
- Davis, J., Whitney, K.G., Apruèse, J.P. Temperature and density diagnostics for spherical shells of laser-generated plasmas 8-51360
- Davis, J. see Jacobs, V.L. 8-87430
- Davis, J.G., Bridenbaugh, P.M., Wagner, S. Electrical and optical properties of copper indium ditelluride crystals grown from near-stoichiometric compositions 8-68504
- Davis, J.H., Jeffrey, K.R., Bloom, M. Spin-lattice relaxation as a function of chain position in perdeuterated potassium palmitate 8-68405
- Davis, J.H. see Dahlquist, F.W. 8-80826
- Davis, J.L., Mims, W.B. ENDOR cavity for electron spin echo experiments 8-82013
- Davis, J.M. see Pye, J.P. 8-53902
- Davis, J.P., Thorson, W.R. Very low energy scattering in HH^+ and HD^+ 8-78777
- Davis, J.R. see Imhof, W.D. 8-93040
- Davis, J.S. see Tacker, W.A., Jr. 8-57052
- Davis, J.W. see Ball, W.C. 8-55380
- Davis, J.W. see DeFreece, D.A. 8-58443
- Davis, J.W. see Kulcinski, G.L. 8-58457
- Davis, K.L. see Forester, D.W. 8-63240
- Davis, K.L. see Ganguly, A.K. 8-52327
- Davis, L.C. Theory of surface-plasmon excitation by electron tunneling 8-91779
- Davis, L.C., Feldkamp, L.A. $M_{2,3}$ spectrum of atomic Mn 8-78656
- Davis, L.C. see Feldkamp, L.A. 8-91653
- Davis, L.E. see Campbell, J.A. 8-68943
- Davis, M.C. Coal slurry diagnostics by ultrasound transmission 8-87216
- Davis, M.M. see Pauling-Toth, I.I.K. 8-69893
- Davis, M.R. Hot wire anemometer response in a flow with acoustic disturbances 8-63517
- Davis, M.S. see Fajer, J. 8-77004
- Davis, M.W., Webber, C.E. The reactor production of a low energy, high intensity photon beam 8-86709
- Davis, P.A., Peltier, W.R. Effects of dissipation on parallel shear instability near the ground 8-69406
- Davis, P.A. see Dabberdt, W.F. 8-61484
- Davis, P.H., Huang, C.Y., Weil, J.A. Paramagnetic aluminium-silver centers in α -quartz 8-88186
- Davis, P.H., Weil, J.A. Silver atom center in α -quartz 8-76308
- Davis, P.J. see Caldwell, D.O. 8-54635
- Davis, R., Barnett, T.P., Cox, C.S. Variability of near-surface currents observed during the POLE Experiment [Pacific Ocean] 8-92834
- Davis, R. see Goodfellow, R.C. 8-56213
- Davis, R. see Tonge, K.A. 8-85357
- Davis, R., Jr. see Bahcall, J.N. 8-58563
- Davis, R.A., Jr. Beach sedimentology of Mustang and Padre Islands: A time-series approach 8-77211
- Davis, R.C. see Kim, J. 8-67018
- Davis, R.C. see Stirling, W.L. 8-54968, 8-58438
- Davis, R.C. see Tsai, C.C. 8-54913
- Davis, R.E. Predictability of sea level pressure anomalies over the North Pacific Ocean 8-92905
- Davis, R.F. see Dalal, K.H. 8-60736
- Davis, R.F. see Hong, J.D. 8-51742
- Davis, R.F. see Lee, B.S. 8-55814
- Davis, R.F. see Wehner, P.S. 8-80453
- Davis, R.F. see Williams, R.S. 8-84697
- Davis, R.H., Finney, W.C. Ionization by electron beams for use in electrostatic precipitators 8-57346
- Davis, R.H. see Wojciechowski, H. 8-78411
- Davis, R.J., Lovell, B., Palmer, H.P., Spencer, R.E. Interferometric observations of weak radio flares from a red dwarf star 8-65633
- Davis, R.J. see Dupree, A.K. 8-96569
- Davis, R.S. AC high voltage measurements on firmer footing 8-74018
- Davis, R.T. see Srivastava, B.N. 8-51186
- Davis, S., Feinberg, F.L. The radiation gauge static potential for non-Abelian gauge fields 8-89621
- Davis, S. see Swearingen, P. 8-63110
- Davis, S.J. Dye laser pumped atomic iodine laser 8-63064
- Davis, S.J. see Anderson, R.A. 8-58732
- Davis, S.J. see Armstrong, R.A. 8-80723
- Davis, S.J. see Swearingen, P.M. 8-53186
- Davis, S.J. see Wright, J.J. 8-63093
- Davis, S.L. see Brusati, M. 8-79469
- Davis, S.P. see Feinberg, J. 8-55202
- Davis, T. see Jacobs, S.M. 8-58197
- Davis, T.M., Ray, J.R. Simple physical interpretation of a neutrino radiation solution in general relativity 8-54261
- Davis, T.N. see O'Neill, R.R. 8-89038
- Davis, T.N. see Wescott, E.M. 8-77402
- Davis, W.J. Optical design of the Viking Lander camera 8-53794
- Davis, W.J. Stray light control in the Viking Lander camera 8-61713
- Davis, W.M., Macosko, C.W. Nonlinear dynamic mechanical moduli for polycarbonate and PMMA 8-60693
- Davis, W.R. On the role of projective invariance in general metrical or nonmetrical space-times with torsion, spinor and Yang-Mills fields 8-57832
- Davis Philip, A.G., Green, L.C. The H-R diagram as an astronomical tool 8-81619
- Davison, J.I., Sereda, P.J. Measurement of linear expansion in bricks due to freezing 8-53062
- Davison, M. see Conely, J. 8-53495
- Davison, P.J.N. The structure of the Virgo cluster X-ray source 8-54090
- Davison, P.J.N. see Coe, M.J. 8-81707
- Davlyatova, L.N. see Balakhovskaya, M.B. 8-52801
- Davtyan, A.A. see Adamany, V.E. 8-88101
- Davtyan, G.D., Grunin, V.S., Ioffe, V.A. Switching effect in anatase (TiO_2) single crystals 8-72216
- Davtyan, O.K. Theory of gravitational-inertial fields of Universe 8-89275
- Davtyan, O.K. Theory of gravitational-inertial field of Universe. I. Gravitational-inertial field equations 8-93483
- Davtyan, O.K. Theory of gravitational-inertial field of Universe. II. On critical systems in Universe 8-93484
- Davy, J.R. Development of calcium aluminate glasses for use in the infrared spectrum to 5 μm 8-83052
- Davydenko, I.G. see Mazur, A.I. 8-83449
- Davydov, A.B. see Arapov, Yu.G. 8-95542
- Davydov, A.E., Abrukov, V.S., Abrukov, S.A., Tarasov, N.A., Denisov, F.T. Holographic interferometric investigation of a coaxial burner flame 8-94851
- Davydov, A.S., Eremko, A.A., Sergienko, A.I. Solitons in alpha-helical protein molecules 8-68990
- Davydov, A.S., Myasnikov, E.N. Effect of internal Raman scattering on crystal luminescence 8-60518
- Davydov, B.A., Lavrov, V.I., Markin, A.S., Mikhailov, Yu.N., Petrov, A.I. Energy output of a periodic monopulse Nd-glass laser 8-50787
- Davydov, B.B., Mamedov, N.A., Efendiev, K.I., El'-Bakhravi, M.D. Production of oxide thin film by the pulsed evaporation method 8-60584
- Davydov, B.I. see Antipov, V.V. 8-53537
- Davydov, E.F. see Tsykanov, V.A. 8-86582
- Davydov, I.N. see Akhiezer, I.A. 8-55901
- Davydov, M.S., Potapov, E.A. Use of structural redundancy to increase the precision of measurement of absolute angular velocity 8-49804
- Davydov, R.M. see Blyumenfel'd, L.A. 8-95998
- Davydov, R.M. see Fel', N.S. 8-58877
- Davydov, R.M. see Kocherginskii, N.M. 8-64945
- Davydov, S.F. see Balashov, I.F. 8-55359
- Davydov, S.N. see Gutman, E.M. 8-60905
- Davydov, S.Yu. Dependence of the electron state of adatoms on their concentration 8-72001
- Davydov, S.Yu. see Burenkov, Yu.A. 8-59850
- Davydov, V.A. Transition radiation by a 'Cherenkov' charge in a nonstationary medium 8-50694
- Davydov, V.M. Parametric action of quasi-periodic disturbances of the lower ionosphere on guided hydromagnetic waves 8-73568
- Davydov, V.S., Khokhlov, V.N. Calculation of the molecular scattering of light for determining the light-shielding characteristics of optical instruments 8-71189
- Davydov, V.YU. see Goncharuk, I.N. 8-87752
- Davydov, Yu.M. Calculating some internal gas flows by the 'large particles' method 8-79355
- Davydova, L.N. see Karpenko, G.V. 8-92296
- Davydova, M.I. see Polyakov, N.I. 8-89563
- Davydova, S.L. see Orient, I.M. 8-61104
- Davydova, T.A., Pavlenko, V.P., Taranov, V.B., Shamrai, K.P. The dynamics of wave interactions near the linear stability boundary 8-59591
- Davydova, T.A., Shamrai, K.P. Explosive instabilities in an electron beam plasma 8-51318
- Daw, N.W., Berman, N.E.J., Ariel, M. Interaction of critical periods in the visual cortex of kittens 8-56972
- Dawar, A.L., Krishna, K.V., Taneja, O.P., Mathur, P.C. Electrical transport properties of polycrystalline p-type InSb films 8-72291
- Dawar, A.L. see Makhija, I.J. 8-52112, 8-64318
- Dawber, J. see Jayet, B. 8-74271
- Dawood, R.I. see Ibrahim, E.M.H. 8-55045
- Dawson, B., Davies, M. An accelerated automatic root search algorithm for iterative methods in vibration analysis 8-59321
- Dawson, E., Newitt, L.R. An analytical representation of the geomagnetic field in Canada for 1975. II. The secular change 8-65177
- Dawson, E., Newitt, L.R. An analytical representation of the geomagnetic field in Canada for 1975. III. The north magnetic pole 8-92778
- Dawson, G.A. see Stout, R.R. 8-65376
- Dawson, J.B., Smith, J.V., Delancy, J.S. Multiple spinel-garnet peridotite transitions in upper mantle: evidence from a harzburgite xenolith 8-65309

- Dawson, J.F. *see* Balling, L.C. 8-90106
 Dawson, J.M. *see* Kamimura, T. 8-71531
 Dawson, J.M. *see* Leboeuf, J.N. 8-88991
 Dawson, J.M. *see* Lin, A.T. 8-83531
 Dawson, J.M. *see* Pritchett, P.L. 8-91076
 Dawson, J.W., Moretti, A., Stevens, H.C., Thompson, K. Alternate ohmic heating coil arrangements for compact Tokamak 8-54896
 Dawson, J.W. *see* Hilal, M.A. 8-55000
 Dawson, P., Dunstan, D.J., Cavenett, B.C. Bound excitons in CdS 8-80253
 Dawson, P. *see* Morigaki, K. 8-84500
 Dawson, P.T., Heavens, O.S., Pollard, A.M. Glass surface analysis by Auger electron spectroscopy 8-60013
 Dawson, S.L. *see* Loos, J.S. 8-65737
 Dawson, T.H. Continuum description of hysteresis damping of vibrations 8-67078
 Dawson, W.M., Moulson, A.J. The combined effects of Fe and H₂ on the kinetics of silicon nitridation 8-95722
 Day, A.R. *see* Elliott, J.K. 8-66988
 Day, B.D. Current state of nuclear matter calculations 8-93959
 Day, D. *see* Arnold, R.G. 8-62521
 Day, D.E. *see* Chung Lim 8-63875, 8-91478
 Day, D.E. *see* Sinharoy, S. 8-85013
 Day, G.W. Measurement problems in multimode optical waveguides 8-71231
 Day, G.W., Stubenrauch, C.F. Laser far-field beam-profile measurements by the focal plane technique 8-87087
 Day, G.W. *see* Franzen, D.L. 8-59020
 Day, J.B.W., Rodda, J.C. The effects of the 1975-6 drought on groundwater and aquifers 8-88866
 Day, J.D. Compact storage for iterative solution of large sparse linear systems of equations 8-57713
 Day, J.P. Lead pollution in Christchurch 8-85561
 Day, K.L., Donn, B. An experimental investigation of the condensation of silicate grains 8-54015
 Day, M.C. *see* Ahmad, N. 8-95987
 Day, P. *see* Bird, B. 8-90061
 Day, P. *see* Coutts, A.G. 8-80378
 Day, P. *see* Wood, T.E. 8-56312
 Day, R. TRM and its variation with grain size 8-65270
 Day, R. *see* Crangle, J. 8-81956, 8-84412
 Day, R.D. *see* Miller, J.R. 8-58487
 Day, R.H. *see* Shupin, D.M. 8-50310
 Day, R.H. *see* Whitman, R.L. 8-50311
 Day, R.K. *see* Bowden, G.J. 8-92001
 Day, R.W., Murray, C.G., Whitaker, W.G. The eastern part of the Tasman Orogenic Zone 8-96214
 Day, S.W. Environmental impacts of integrated energy systems 8-73506
 Day, W.A. An estimate for work in nonlinear viscoelasticity 8-55572
 Day, W.A., Silhavy, M. Efficiency and the existence of entropy in classical thermodynamics 8-54324
 Day, W.J. *see* Loehrke, R.I. 8-87241
 Dayal, B. *see* Goel, C.M. 8-68512
 Dayal, K. *see* Kasana, R.S. 8-63012
 Dayal, R., Ramachandra Rao, D., Venkateswarlu, P. Electron paramagnetic resonance study of Mn²⁺ doped Mg(ClO₄)₂·6H₂O 8-91935
 Dayan, E. *see* Dreyfus, C. 8-62944
 Dayan, M. Tunneling measurements on crystalline and granular aluminium 8-84355
 Dayan, M. *see* Callaghan, T. 8-64467
 Dayem, A.H., Geballe, T.H., Zubeck, R.B., Hallak, A.B., Hull, G.W., Jr. Epitaxial growth of Nb₃Ge on Nb₃Ir and Nb₃Rh 8-80473
 Dayras, R.A. *see* Sarantites, D.G. 8-50208
 Dayras, R.A. *see* Westerberg, L. 8-70484
 Dayton, G.O. *see* Tongson, L.L. 8-76621, 8-76622
 Daywitt, J., Kutler, P., Anderson, D. Floating shock fitting for cones at large incidence 8-71367
 Daywitt, W.C. An error analysis for the measurement of satellite EIRP using a calibrated radio star 8-93070
 Dazey, M.H. *see* Koons, H.C. 8-96360
 Dazey, C.M. *see* Burkhalter, P.G. 8-59670
 De, A.K. *see* Mukherjee, P.S. 8-80273
 De, A.K. *see* Ray, B.K. 8-79493
 De, B.R., Srnka, J. An effect of nuclear electric quadrupole moments in thermonuclear fusion plasmas 8-83524
 De, J.N., Garpman, S.I.A., Sherman, A., Sperber, D., Tam, K. A stochastic model for strongly damped collisions with liquid drop driving forces 8-89834
 De, J.N., Garpman, S.I.A., Sperber, D., Bondorf, J.P., Zimanyi, J. The rarefaction of oblate shaped nuclear matter in heavy-ion collisions 8-89894
 De, J.N., Garpman, S.I.A., Sperber, D., Tam, K. A suggestion for a parameter free model of strongly damped collisions 8-62568
 De, J.N. *see* Birkelund, J.R. 8-50224
 De, K.S. *see* Bhattacharyya, S.K. 8-51821
 De, M., Hazra, L.N., Purkait, P.K. Walsh functions in lens optimization. I. FEE-based criterion 8-79097
 De, M.K. *see* Hammit, F.G. 8-64723
 De, P.K. *see* Gururaja, K. 8-67036
 De, S. Experimental study of the vibration characteristics of a loaded kettledrum 8-79173
 De, S.K. *see* Bhattacharyya, S.K. 8-68060, 8-95799
 De, U., Bhanja, S., Barua, A.K. The effect of magnetic field on the heat conductivity of O₂-N₂ and O₂-H₂ gas mixtures 8-59533
 de Achaval, E.M. *see* Levi, L. 8-85668
 de Afaño, C.B., Rezende, S.M. Coherent generation of magnons by optical techniques 8-68201
 de Albuquerque Maranhao, V. *see* Muehe, D. 8-81144
 De Alfaro, V., Rasetti, M. Structural stability theory and phase transitions models 8-77822
 de Almeida, A.A., Singh, P.D. Predictions on finding the SiH⁺ and SiH in interstellar space 8-93100
 de Almeida, J.R.L., Thouless, D.J. Stability of the Sherrington-Kirkpatrick solution of a spin glass model 8-56319
 de Andrade, S. Leite *see* Leite de Andrade, S.
 De Angelis, B.A., Schiavell, M. On the interpretation of the X-ray photoelectron spectrum of the 4f levels of tungsten in Na_xWO₃ bronzes 8-95648
 De Angelis, B.A. *see* Cimino, A. 8-51806
 de Angelis, G.F., de Falco, D., Guerra, F. Note on the Abelian Higgs-Kibble model on a lattice: absence of spontaneous magnetisation 8-57870
 De Angelis, R.J. *see* Leipold, M.H. 8-64465
 de Araujo, C.B., Lotem, H. New measurements of the two-photon absorption in GaP, CdS, and ZnSe relative to Raman cross sections 8-87098
 de Azcarra, J.A. *see* Aldaya, V. 8-86168, 8-86409
 de Barros, H.G.P. Lins *see* Lins de Barros, H.G.P.
 de Barros Neto, B., Bruns, R.E. The polar tensors, atomic effective charges, and infrared vibrational intensities of C₆H₆, C₆D₆, and C₆F₆ 8-74703
 De Batist, R. *see* Callens, A. 8-83874
 de Batz, B. *see* Bensammar, S. 8-53731
 de Beaucoudrey, N. *see* Brunol, J. 8-57067
 de Beauregard, O. Costa *see* Costa de Beauregard, O.
 De Beer, M. *see* Ajinenko, I.V. 8-58206
 de Beer, M. *see* Bosetti, P.C. 8-70357
 de Beer, R. *see* Merks, R.P.J. 8-80198
 De Biasi, R.S. Magnetic resonance in KFeS₂ single crystals 8-95524
 de Biasi, R.S. The g-factor of magnesium-rich magnesioferrite 8-60337
 De Biasi, R.S. Forbidden $\Delta m = 2$ transitions in the EPR spectrum of Fe³⁺ in MgO 8-64267
 de Biasi, R.S., Devezas, T.C. Anisotropy field of small magnetic particles as measured by resonance 8-64227
 De Biasi, R. Sergio *see* Sergio De Biasi, R.
 de Billy, M. *see* Tittmann, B.R. 8-76793
 De Biasi, C. *see* Rizzo, A. 8-72158
 De Boer, A.H., Bolhuis, G.K., Lerk, C.F. Bonding characteristics by scanning electron microscopy of powders mixed with magnesium stearate 8-84731
 de Boer, F.R., Elenbaas, R.A., Mattens, W.C.M. Mixed valence behaviour in the intermetallic compound YbCuAl 8-68150
 de Boer, F.W.N. *see* Beetz, R. 8-54806, 8-66200
 de Boer, J. *see* Graw, G. 8-54788
 de Boer, R.B. *see* Robins, P.-Y.F. 8-57194
 De Boer, T.J. *see* Borkent, J.H. 8-82763
 de Boer, W. *see* Brandelik, R. 8-62416
 de Boer, W.P.H., de Groot, S.R. Transport coefficients for a gas of neutrinos and antineutrinos 8-86217
 de Boer, W.P.H., de Groot, S.R. Transport properties of a neutrino-antineutrino mixture 8-93625
 de Boer, W.P.H., de Groot, S.R., van den Horn, L.J. Values for the transport coefficients of a neutrino-antineutrino system 8-93871
 de Boer, W.P.H., van Weert, Ch.G. On the derivation of quantum kinetic equations. II. Nonlocal Uehling-Uhlenbeck equation 8-70054
 de Boer, W.P.H. *see* van Weert, Ch.G. 8-70053
 de Botton, N. *see* Argan, P. 8-82333
 de Braak, H.P. *see* van de Braak, H.P.
 de Brauw, M.C. Ten Nover *see* Ten Nover de Brauw, M.C.
 de Brederode, V., Bradshaw, P. Influence of the side walls on the turbulent center-plane boundary-layer in a square duct 8-79311
 de Bree, P., Wiersma, D.A. Optical free induction decay by extracavity laser-frequency switching 8-79076
 De Brouckere, L. An improved method of stirring for LPE growth 8-68641
 De Brouckere, L., Vennik, J., Nuyts, W. The influence of the rotation rate on the fundamental properties of (Sm,Y)₂(Fe,Ga)₅O₁₂ epitaxial magnetic layers 8-56053
 de Bruijn, A. Timbre-classification of complex tones. (The relation between subjective and physical parameters) 8-77060
 de Bruin, H.J. Interfacial noble-metal corrosion in metal to ceramic reaction welding 8-53035
 De Bruyn, J. *see* Langouche, G. 8-92005
 de Bueger, J., Rottger, H., Schoots, T. Post-irradiation examination of a 1300°C-HTR fuel experiment project J96.M3 8-58360
 de Bueger, J. *see* Rottger, R. 8-58361
 de Calan, C. *see* Bergere, M.C. 8-93790
 de Candia, F. *see* Araimo, L. 8-76692
 de Carvalho, H. Freitas *see* Freitas de Carvalho, H.
 De Castro, A.R.B. Photon counting compression effects in pulsed Raman spectroscopy using Nd:YAG lasers 8-74086
 De Castro Faria, N.V. *see* Barros Leite, C.V. 8-55137
 De Cat, R. *see* Bressers, J. 8-54498
 De Cesare, L. Renormalization group approach to a functional formulation of a Bose system 8-66026
 de Cindio, B., Acerno, D., Gortemaker, F.H., Janeschitz-Kriegl, H. Transient birefringence of polymer melts in intermittent shear flow: model analysis of the non-linear viscoelastic behaviour 8-63457
 De Clercq, A. *see* De Frenne, D. 8-86513
 De Clercq, A. *see* D'Hondt, P. 8-78425
 De Corte, L. *see* Mertens, R. 8-83343
 De Cristofaro, N. *see* Hasegawa, R. 8-68301
 de Deus, J. Dias *see* Dias de Deus, J.
 De Dominicis, C., Peliti, L. Field-theory renormalization and critical dynamics above T_c: helium, antiferromagnets, and liquid-gas systems 8-87767
 De Donato, O. *see* Corradi, L. 8-90729
 De Estable-Puig, R.F. *see* Ligatto de Slobodrian, M.L. 8-77171
 de Falco, D. *see* de Angelis, G.F. 8-57870
 de Faubert Maunder, M. The world's largest infrared telescope 8-69686
 de Felice, F. Classical instability of a naked singularity 8-57834
 de Felice, F. *see* Calvani, M. 8-54251
 De Felice, M. *see* Iaccarino, M. 8-77029
 De Filippo, D. *see* Aramu, F. 8-60366
 De Filippo, C.L., Scott, B.L. A method for training and evaluating the reception of ongoing speech 8-61204
 De Filippo, S. *see* Cucolo, A.M. 8-95399
 De Fontaine, D. *see* Sanchez, J.M. 8-63873, 8-68278
 de Fonton, S. *see* Inagaki, M. 8-60687
 de Forest T., Jr. *see* Donnelly, T.W. 8-66268
 De Fouquet, J. *see* Besse, S. 8-75723
 De Fouquet, J. *see* Charrier, J. 8-76716
 de Fouquet, J. *see* Petit, J. 8-64677
 De Freitas, L.C., Salinas, S.R. High-temperature entropy of an ionic model for the phase transition in SnCl₂·2H₂O 8-55949
 de Freitas Murao, R.R. *see* Debehogne, H. 8-89223
 De Frenne, D., Thierens, H., Jacobs, E., De Gelder, P., D'hondt, P., De Clercq, A., Heyde, K., Deruyter, A.J. B⁻ decay of ¹⁰²Tc⁸ 8-86513
 De Gasperis, P. *see* Borghese, C. 8-76781
 De Gelder, P. *see* De Frenne, D. 8-86513
 De Gennes, P.G. Collapse of a flexible polymer chain. II 8-87628
 de Gennes, P.G. *see* Wall, F.T. 8-94345
 de Gennes, P.-G. Viscosity near a sol-gel transition 8-61054
 de Genouillac, G.V. *see* Escande, D.F. 8-83579
 de Geus, J.W., Gijzeman, O.L.J. The effect of uncertainty in the eigendata of the pure host lattice on Green's-function calculations 8-79708
 De Giorgi, M. *see* Centro, S. 8-55119
 De Giorgi, M. *see* Heller, M. 8-70689
 de Goede, J. *see* Hoogervorst, C.J.P. 8-92508
 de Goer, A.M. *see* Challis, L.J. 8-67779
 de Goer, A.M. *see* Devismes, N. 8-95116
 de Graaf, A.M. *see* Bieman, L.H. 8-68272
 de Graaf, A.M. *see* Rechenberg, H.R. 8-68300
 de Graaf, C.N., van Rijk, P.P., Jambroes, G., Green, M.V., Line, B.R., Bacharach, S.L., Bailey, J.J. Functional imaging in nuclear cardiac studies 8-80958
 de Graaf, E.A.B., Wanhil, R.J.H. Repair machining and inspection of cracked components 8-80689
 De Graaf, L.A. *see* Steenberg, Chr. 8-59769
 de Graaf, C. *see* Taylor, K.J.W. 8-69168
 De Graaf, D.P. *see* Ooms, G. 8-51257
 de Grave, E. *see* Chambaere, D. 8-76370
 De Greve, J.P. *see* de Loore, C. 8-81609
 de Groot, D.G. *see* De Wilde, J. 8-63966

- de Groot, E.H., Satz, H., Schildknecht, D. On the transverse momentum distribution of massive lepton pairs 8-89760
- de Groot, H.J. *see* Harkema, S. 8-67617
- de Groot, J.F. *see* de Wit, J.H.W. 8-56171
- de Groot, J.J., Kestin, J., Sookiazian, H., Wakeham, W.A. The thermal conductivity of four monatomic gases as a function of density near room temperature 8-67304
- de Groot, J.J. *see* Drop, P.C. 8-75457
- De Groot, M. *see* Sandroni, S. 8-88908
- de Groot, S.R. *see* de Boer, W.P.H. 8-86217, 8-93625, 8-93871
- de Guerra, E.Moya *see* Moya de Guerra, E.
- De Guevara, P.L. *see* Nacasch, R. 8-54646
- De Haan, J.W. *see* Van Dommelen, M.E. 8-74680
- De Haan, M., George, C., Mayne, F. Liapounov function for the Friedrichs model 8-73876
- de Haan, M. *see* Prigogine, I. 8-49784
- de Haan, P. *see* Hopman, H.J. 8-59622
- De Haan, P.H. *see* Massmann, P. 8-91122
- de Haas, L.J., Verstelle, J.C. Directional field dependence of electron-spin resonance and relaxation 8-91931
- de Haen, C. *see* Swanson, E. 8-71311
- de Hano, M. *see* Dohrnt, L. 8-54296
- de Hano, M. *see* Lieb, E.H. 8-49755
- de Hargrave, C. *see* Vignola *see* Vignola de Hargrave, C.
- De Heer, F.J. *see* Mohlmann, G.R. 8-70874, 8-82787
- de Heer, F.J. *see* Risley, J.S. 8-58809
- De Heer, F.J. *see* Van Sprang, H.A. 8-90304, 8-90305
- de Heev, F.J. *see* Risley, J.S. 8-58810
- de Hoog, F.J., Collins, G.J. Sputtering in a hollow cathode laser discharge 8-66800
- De Hosson, J.Th.M. On the vibrational entropy of a $\frac{1}{2}$ {111} [110] edge dislocation in BCC iron 8-63768
- de Hosson, J.Th.M. Computer simulation study of the entropy of a $\frac{1}{2}$ {111} [110] edge dislocation in BCC iron 8-67716
- De Jager, C. Excited cosmic plasmas 8-69671
- De Jager, C., De Jonge, G. Properties of elementary flare bursts 8-89158
- de Jager, C., Kamperman, T.M., Neven, L. Analysis of spectra of α CMi and α Cen A observed with the orbiting stellar ultraviolet spectrophotometer S59 in ESRO's TD1A satellite 8-69793
- de Jager, J.C.G. A time-lapse mechanism for cine cameras 8-85747
- de Jager, P.A., Hemminga, M.A., Sonneveld, A. Novel method for determination of flow velocities with pulsed nuclear magnetic resonance 8-83506
- de Javal, Y. *see* Harvey, C.C. 8-85803
- De Jeu, W.H., Leenhouts, F. Physical properties of nematic p,p'-diethylazobenzene 8-79524
- de Jeu, W.H., van der Veen, J. Liquid crystals for numerical displays 8-55807
- De Jong, A.W.J. *see* Borkent, J.H. 8-82763
- De Jong, M.S. *see* McCamis, R.H. 8-74363
- de Jong, T. *see* Bedijn, P.J. 8-85934
- De Jonge, G. *see* De Jager, C. 8-89158
- de Jonge, J.H. Kiewiet *see* Kiewiet de Jonge, J.H.
- de Jonge, W.J.M., Hijmans, J.P.A.M., Boersma, F., Schouten, J.C., Kopinga, K. Field dependence of the Neel temperature in pseudo-one-dimensional Heisenberg systems 8-68277
- de Jonge, W.J.M. *see* Hijmans, J.P.A.M. 8-52289
- de Jonge, W.J.M. *see* Takeda, K. 8-52293
- de Jongh, L.J. Experiments on simple magnetic model systems 8-68240
- De Jongh, W.K. *see* Van Den Enk, J.E. 8-88690
- De Jonghe, L.C. *see* Hsieh, M.Y. 8-80566
- de Kam, J. *see* Verhaar, B.J. 8-86465
- de Kamp, P. *see* van der Kamp, P.
- de Keijser, T.H. *see* Delhez, R. 8-86399
- de Kepper, P., Pacault, A. Periodic chemical reactions: bistability and regulation; tristability 8-80726
- De Klerk, D. *see* Kes, P.H. 8-52168
- De Kluijver, H. *see* Markvoort, J.A. 8-51336
- de Kok, G.W.G. *see* Mook, G.A. 8-81023
- de Koning, A.U. A contribution to the analysis of quasi static crack growth in sheet materials 8-67106
- de Koning, B.R. *see* Honig, E.P. 8-84311
- De Koning, B.R. *see* Thomas, G.E. 8-64436
- de Kozak, A. *see* Samouel, M. 8-95733
- de la Batie, R. *see* Dejean *see* Dejean de la Batie, R.
- de la Cruz, R.V. Modified borehole jack method for elastic property determination in rocks 8-81448
- de la Cruz, V. *see* Cooperstock, F.I. 8-93575
- de la Garanderie, H. *see* Payen *see* Payen de la Garanderie, H.
- de la Kampa, A. *see* Chetkin, M.V. 8-72363
- de la Noe, J., Aubier, M.G., Youssef, S.M. Longitude dependence of the duration of solar radio type III bursts at decameter wavelengths 8-81596
- de la Reza, R., Querci, F. Lithium line formation in carbon stars 8-65615
- de la Ripelle, M. *see* Fabre de la Ripelle, M.
- De la Rue, R.M. *see* Livingstone, F.M. 8-52068
- De La Vaissiere, Ch. The fast decays of p-wave quark-antiquark systems 8-50030
- de la Vega L., R. Gravity acceleration is a function of mass [for teachers] 8-81766
- de Laar, J. *see* van de Laar, J.
- De Laar, J. *see* Van De Laar, J.
- De Laet, L.H. Advantages of monocrystalline germanium for infrared optics 8-50873
- De Laeter, J.R., Hosie, D.J. The abundance of barium in stony meteorites 8-65557
- De Laeter, J.R. *see* Rosman, K.J.R. 8-53891
- De Laeter, J.R. *see* Smith, C.L. 8-82856
- de Lang, H. *see* Dekkers, N.H. 8-66010
- de Lange, A. *see* Roukens *see* Roukens de Lange, A.
- De Lange, C.A. *see* Van Der Giessen, J. 8-62824
- de Lange, P.G. New aspects of the comparison of powder coatings with other non-polluting electrostatic coating systems. I 8-68829
- de Larminat, P.M. Normal surface displacement around a circular hole by reflection holographic interferometry 8-57893
- De Lasa, H.I. *see* Grace, J.R. 8-67280
- de Leeuw, F.H. An empirical relation for the saturation velocity in bubble domain garnet materials 8-95496
- de Leeuw, F.H., van den Doel, R., Robertson, J.M. The dynamical behaviour of magnetic domain walls and magnetic bubbles in single-, double-, and triple-layer garnet films 8-52321
- De Leeuw, S.W. Computer simulation of alkaline earth halides. I. Thermodynamic and structural properties 8-75849
- de Leeuw, S.W. Computer simulation of alkaline earth halides. II. Partial static structure factors and velocity autocorrelation functions of liquid strontium chloride 8-91219
- De Leo, R. *see* Colombo, E. 8-54752
- De Ligny, C.L. *see* Lutten, J.B. 8-76953
- De Lillo, S., Mancini, F., Umezawa, H. Temperature and impurity effects on type-II superconductors 8-91826
- de Lima, A. *see* de Lima, E. 8-55090
- De Lima, C.J. *see* Baubillier, M. 8-93877
- de Lima, E., Kawakami, H., de Lima, A., Hichwa, R., Ramayya, A.V., Hamilton, J.H., Dunn, W., Kim, H.J. Tests of the methods of analysis of picosecond lifetimes and measurement of the half-life of the 569.6 keV level in ^{207}Pb 8-55090
- de Lima, O.F., Zerweck, G., Brito, A.S. Field history effect of the flux gradient in superconducting niobium 8-91828
- de Loczy, L. The system of equatorial transcurrent faulting and oceanic fracture zones and its role in tectonic framework of northern South America 8-65245
- De Loor, G.P., Brunsveld Van Hulten, H.W. Microwave measurements over the North Sea 8-77245
- De Loor, G.P. *see* Hasselmann, K. 8-81418
- de Loore, C., De Greve, J.P., Vanbeveren, D. The evolution of O stars and the origin of Wolf-Rayet stars 8-81609
- de Loore, C. *see* Hammerschlag-Hensberge, G. 8-61888
- De Lotto, I. *see* Cantoni, V. 8-70729
- de Loze, C., Baron, M.-H., Fillaux, F. Interactions of the CONH group in solution. Interpretation of the infrared and Raman spectra in relation to secondary structures of peptides and proteins 8-90330
- De Luca, F., Gagliardelli, P., Spinolo, G. Photoconductivity of NiBr_2 single crystals 8-60160
- De Luca, F. *see* Briganti, G. 8-91967
- De Luca, F. *see* Corti, S. 8-67437, 8-71538
- De Luca, J.C. *see* Malozemoff, A.P. 8-68315
- De Lucia, F.C. *see* Helming, P. 8-70834
- de Maagt, B.J. *see* Rouweler, G. 8-92510
- De Maistre, J.C., Broche, P., Crochet, M. Off-shore wind measurements by HF Doppler ground-wave radar 8-77295
- de Malherbe, R. *see* Tomlinson, P.N. 8-92416
- de Mandirola, O. *see* Brieux *see* Brieux de Mandirola, O.
- De Marchis, G. Problems of optimisation in a union in fibre optics 8-79117
- De Marzo, C. *see* Anelli, E.F. 8-82585
- De Marzo, C. *see* Cutts, D. 8-78380
- De Mattei, R.C., Ellwell, D., Feigelson, R.S. The synthesis of GaAs by molten salt electrolysis 8-64486
- De Matteis, A., Simonini, R. A Monte Carlo biasing scheme for adjoint photon transport 8-77819
- De Mattel, R.C., Feigelson, R.S. Growth rate limitations in electrochemical crystallization 8-88433
- de Mattiello, M.L.F., Dodera, M.G. Psychophysical functions of brightness under contrast 8-57000
- de Mattiello, M.L.F. *see* Guirao, M. 8-57001
- De Meijer, R.J. *see* Jahn, R. 8-74379, 8-82365
- de Meijere, J.L.F., Eberly, J.H. Rate of resonant two-photon ionization in the presence of a partially coherent radiation field 8-66525
- de Melo, L.C., Das, T.K., Ferreira, R.C., Miranda, L.C.M., Brandi, H.S. The H_2^+ molecule in strong magnetic fields, studied by the method of linear combinations of orbitals 8-82628
- de Menezes, O.L.T., Troper, A., Gomes, A.A. Temperature effects in the valence fluctuation of europium intermetallic compounds 8-72118
- de Menezes, O.L.T., Troper, A., Gomes, A.A., Lederer, P. Valence fluctuation in Eu-transition metal compounds 8-91649
- de Menezes, O.L.T., Troper, A., Lederer, R., Gomes, A.A. Valence fluctuation in Eu compounds: Role of charge screening 8-51944
- De Meringo, A.H. *see* Stern, S.A. 8-83957
- de Mesquita, A.E. *see* Bueno de Mesquita, A.E.
- De Meyer, H. *see* Vanden Berghe, G. 8-77753
- De Meyer, H.E. The asymptotic behaviour of matrix superpropagators in quantum gravity 8-54276
- De Meyer, H.E., Vanden Berghe, G. Recursion relations for traces of products of angular momentum operators in the spherical basis 8-65805
- De Michelis, B. *see* Abbati, I. 8-76585, 8-92159
- de Michelis, C., Masserini, G., Reatto, L. Jastrow wave function for condensed phases of Bose particles: Hard-sphere system 8-84018
- De Michelis, C., Masserini, G.L., Reatto, L. Rotons and temperature dependence of spatial correlations in ^4He 8-71896
- de Michelis, C., Mirabile, M. Fracture mechanics and acoustic emission studies of thin-walled pressure vessels containing surface flaws 8-84981
- De Michelis, C. *see* Adam, J. 8-71473
- De Michelis, C. *see* Breton, C. 8-71427
- de Moedsdijk, G.A.J. *see* van de Moedsdijk, G.A.J.
- De Moira, P. *see* Pinot *see* Pinot de Moira, P.
- De Mol, C. *see* Bertero, M. 8-78929
- de Montabellio, R.L. Wide-angle integral photography - the Integrant system 8-78025
- de Montebello, R.L. The Synthalyzer for three-dimensional synthesis, and analysis optical dissection 8-81011
- de Mosselaer, D. *see* Van de Mosselaer, D.
- de Moura, M.A. *see* Callen, H. 8-52251
- de Moura, M.A. *see* Cordeiro, C.E. 8-64180
- De Muir, D. A method for continuous measurement of natural atmospheric radioactivity 8-61612
- de Muizon, M. *see* Wegmann, H.M. 8-85813
- de Murcia, M., Bonnafé, J., Manificier, J.C., Fillard, J.P. Photoelectronic processes in high-resistivity stannic oxide 8-60157
- de Murcia, M., Egee, M., Fillard, J.P. Luminescence centers in SnO_2 single crystals 8-80395
- de Murcia, M. *see* Fillard, J.P. 8-77982
- de Notaristefani, F. *see* Amaldi, E. 8-78222
- de Novion, C.H. *see* Wedgwood, F.A. 8-71810
- de Novion, C.-H., Just, W. Diffuse neutron scattering in niobium containing interstitial oxygen impurities 8-83809
- De Oliveira, D.R., Mizrahi, S.S. Energy levels and BE(2) transition rates in the Hartree-Fock approximation with the Skyrme force 8-82315
- De Oliveira Castro, F.M. Morphology of the cosmic radiation based on the one fire-ball model 8-57416
- De Oliveira Castro, F.M. Poisson statistics and the diffusion-equation of nucleons and charged pions in the atmosphere 8-57417
- De Padova, S. *see* Damosso, E.D. 8-53683
- de Pagter, J. *see* Brown, R.M. 8-82231
- de Pape, R. *see* Ferey, G. 8-52211
- De Passos, E.J.V. *see* De Toledo Piza, A.F.R. 8-70055
- De Pater, C.J. Dielectric constant and ferroelectric hysteresis of Rb_2ZnBr_4 8-84535
- de Pena, R.G. *see* Mamane, Y. 8-69527, 8-95973
- de Pena, R.G. *see* Reagan, J.A. 8-61501
- De Pinho, A.G. *see* Barros Leite, C.V. 8-55137
- De Poli, M. *see* Brandolini, F. 8-52389
- De Pontcharra, J. *see* Merkel, G. 8-72276
- De Queiroz, S.L.A., Koiller, B., Maffeo, B., Brandi, H.S. A cluster-Bethe lattice treatment for the F-center in alkali halides 8-63762
- De Raedt, B., De Raedt, H. Dynamics of the classical planar spin chain 8-80165

- De Raedt, B.** *see* Michel, K.H. 8-83906
De Raedt, H. *see* De Raedt, B. 8-80165
De Raedt, J. *see* Dumont, G. 8-70682
De Raedt, J.A.G. *see* Sterrenburg, W.A. 8-93943
De Raedt, J.A.G. *see* Zalm, P.C. 8-91999
de Rafael, E. *see* Coquereaux, R. 8-70340
De Ridder, R. *see* Van Sande, M. 8-83777
de Rijke, J.E. Performance of a cryopump-ion pump system 8-70142
De Roach, J. *see* Tovey, S.N. 8-66147
de Roo, M. *see* Atkinson, D. 8-70311
de Roo, M. *see* Meyers, C. 8-93802
de Rooij, N.F. *see* Tangena, A.G. 8-64117
De Rosa, A. *see* Cuzzocrea, P. 8-62528
De Rosa, R.A., Govind, C.K. Transitter output increases in an identifiable lobster motoneurone with growth of its muscle fibres 8-64974
De Rosny, G. *see* Corden, M.J. 8-62470
de Rossi, D., Robert, J. Electro-optic behaviour of a field-induced twisted structure with quasihomotropic boundary conditions 8-60424
De Rossi, S. *see* Schiavello, M. 8-51826
De Rouvray, A.L. *see* Dubois, J.J. 8-81108
de Rujula, A., Ellis, J., Floratos, E.G., Gailard, M.K. QCD predictions for hadronic final states in e^+e^- annihilation 8-74267
de Ruvo, A., Alftan, E. Shifts in glass transition temperatures of synthetic polymers filled with microcrystalline cellulose 8-95144
De Sa Barreto, F.C. *see* Blinc, R. 8-71674
De Sabbata, V., Rizzatti, P. Is there a relation between the speed-ups of some binary pulsars and the variation of gravitational constant? 8-73728
de Saintignon, P. *see* Buenerd, M. 8-62564
De Saintignon, P. *see* Willis, A. 8-50184
de Sanden, M.A.J.A. *see* van de Sanden, M.A.J.A.
De Santis, A., Rocca, D., Zanza, V. Solution of the diffusion equation for the capillary method with no external stirring 8-54518
De Santis, A., Sampoli, M., Morales, P., Signorelli, G. Density evolution of Rayleigh and Raman depolarized scattering in fluid N_2 8-58706
De Santis, P., Grella, R., Paoletti, D., Gori, F. The T density for speckle and photo-counting statistics 8-50700
De Santis, P. *see* Coiro, V.M. 8-66699
de Santis, R., Zachmann, H.G. Study of the conformations of the molecules in amorphous polymers by computer simulation. II. Approach to equilibrium in a primitive cubic lattice by simulation of thermal motion 8-75594
de Santis, R., Zachmann, H.G. Study of the conformations of the molecules in amorphous polymers by computer simulation. III. Non equilibrium state obtained by introducing chains in a diamond lattice 8-75595
De Sario, M. *see* Armenise, M.N. 8-50904
de Saussure, G. *see* Perez, R.B. 8-66255
de Schepper, I.M., Ernst, M.H. Long time behaviour of four point velocity correlations in hard disk systems 8-93598
de Schrijver, F.C. *see* van Bockstaele, M. 8-95599
De Siebenthal, J.M., Nicollin, D., Bill, H. An EPR investigation of Fe^{3+} in $SrCl_2$ 8-95512
de Sitter, J. *see* Chambaere, D. 8-76370
De Sitter, J. *see* Devreese, J.T. 8-72415
de Slobodrian, M.L. Ligatto *see* Ligatto de Slobodrian, M.L.
De Smet, D.J. *see* Berry, C.L. 8-69845
De Sousa, S.N. Monitoring of some environmental parameters at the mouth of the Zuari River, Goa 8-81214
De Sousa, S.N. *see* Gupta, R.S. 8-81213
De Souza, J.R.F. *see* Muehe, D. 8-81144
de Stadt, H. *see* van de Stadt, H.
De Swart, J.J., Nagels, M.M. The nucleon-nucleon interaction 8-78203
de Swart, J.J. *see* Mulders, P.J.G. 8-74210
de Swart, J.J. *see* Nagels, M.M. 8-70346
de Toledo, A. Szanto *see* Szanto de Toledo, A.
De Toledo Piza, A.F.R., De Passos, E.J.V. The kinematics of generator co-ordinates 8-70055
De Toledo Piza, A.F.R. *see* Carolina Nemes, M. 8-54298
de Toledo Piza, A.F.R. *see* Galetti, D. 8-50105
de Tourreil, R. *see* Lacombe, M. 8-70455
de Vallera, A.M.B.G. *see* Gale, S.J. 8-95124
De Vany, A.S. Testing glass reflecting-angles of prisms 8-71194
De Vargas, L. *see* Hou, T.-H. 8-63462
de Vate, J.F. *see* van de Vate, J.F.
de Vaucouleurs, G. The extragalactic distance scale. II. Distances of the nearest galaxies from primary indicators 8-89247
de Vaucouleurs, G. The extragalactic distance scale. I. A review of distance indicators: Zero points and errors of primary indicators 8-93396
De Vaucouleurs, G. The extragalactic distance scale. III. Secondary distance indicators 8-93402
De Vaucouleurs, G., Head, C. Contributions to galaxy photometry. VII. Standard total magnitudes of 139 bright galaxies in the Virgo cluster area 8-65685
De Vega, H.J., Gervais, J.L., Sakita, B. Real-time approach to instanton phenomena. I. Multidimensional potentials with degenerate absolute minima 8-78067
de Vegt, C., Gehlich, U.K. Precise optical positions of radio sources in the FK 4-system. Results from a pilot program 8-65709
de Vegt, Chr., Kohoutek, L., Martin, W. Precise positions of selected bright asteroids 8-77514
de Vegte, J. *see* Van de Vegte, J.
De Vegvar, P. *see* Beckers, J.M. 8-89150
De Velasco, C. Ruiz *see* Ruiz De Velasco, C.
de Ven, T.G.M. *see* van de Ven, T.G.M.
de Villepin, J. *see* Goyipron, A. 8-78691
de Villiers, P., Mantri, A.N., Mackintosh, R.S. Deformation of rare-earth nuclei with Skyrme forces 8-62480
de Vondel, D.F. *see* van de Vondel, D.F.
de Vreede, J.P.M., Dijkerman, H.A. Microwave Σ -transitions of ammonia in the presence of strong electric fields 8-90213
de Vries, A. On the difference between solid crystals and liquid crystals with three-dimensional order 8-83727
De Vries, A.E. *see* De Vries, M.S. 8-62859
De Vries, A.E. *see* Overijnder, H. 8-88392
De Vries, A.E. *see* Szymonski, M. 8-68590
de Vries, A.J., Bonnebat, C., Beaumonts, J. Uni- and biaxial orientation of polymer films and sheets 8-80590
de Vries, D.A. *see* Snijders, A.L. 8-94715
de Vries, D.A. *see* van Dongen, F.G. 8-87336
de Vries, H., Wiersma, D.A. Optical free induction decay of molecules undergoing radiative and radiationless relaxation 8-83040
de Vries, H. *see* Bellicard, J.B. 8-54669
De Vries, H. Gorter *see* Gorter De Vries, H.
de Vries, J. *see* Andriess, C.D. 8-86010
De Vries, M.S., Van Veen, N.J.A., De Vries, A.E. Curve crossing in two excited states of IBr studied by photofragmentation 8-62859
De Vries, P.L., Mahlab, M.S., George, T.F. Computational study of a molecular collision process in the presence of an intense radiation field: enhanced quenching of F by Xe in the 248-nm light of the KrF laser 8-55232
de Vroomen, A.R. *see* Devillers, M.A.C. 8-91594
de Waard, H. *see* Devare, H.G. 8-52394
de Waard, H. *see* Reintsema, S.R. 8-52393
de Waard, H. *see* Visser, D. 8-91964
De Waard, H. *see* Wit, H.P. 8-68417
de Waard, J. *see* Wegmann, H.M. 8-85813
de Walle, R.T. *see* van de Walle, R.T.
de Walle, R.T. *see* van de Walle, R.T.
de Water, W. *see* van de Water, W.
de Weerd, J.P.C., Martens, W.L.J. Theory and practice of a posteriori Wiener filtering of average evoked potentials 8-96038
de Weert, C.M.M. Dichroic colour and brightness combinations 8-53407
de Wette, F.W. Review of surface vibrational properties of ionic crystals 8-71928
De Wette, F.W. *see* Chen, T.S. 8-71927, 8-92074
De Wiclawik, W. *see* Vieu, C. 8-70425
De Wiele, J. *see* Van de Wiele, J.
De Wiest, F. Meteorological episodes increasing air pollution in Belgium 8-81374
De Wilde, J., de Groot, D.G. Lineshape studies of quantum oscillations in the ultrasonic absorption and dispersion in indium. The anomalous behaviour of the ultrasonic absorption 8-63966
De Wit, B., Grisar, M.T. Auxiliary fields and ultraviolet divergences in supergravity 8-78127
de Wit, B., van Nieuwenhuizen, P. The auxiliary field structure in chirally extended supergravity 8-78126
de Wit, J.H.W., van der Bom, J., de Groot, J.F. The thermoelectric power in In_2O_3 8-56171
de Wit, R. The modified Westergaard equations 8-67122
de Witt, H. *see* Faissner, H. 8-70355
de Witt, P.K.A. *see* Bellicard, J.B. 8-54669
de Wolf, D.A. Coherence of a light beam through an optically dense turbid layer [atmospheric optics] 8-55300
de Wolf, D.A. Waves in random media: weak scattering reconsidered 8-66722
De Wolf, E. *see* Ajinenko, I.V. 8-58206
De Wolf, E. *see* Granet, P. 8-93913
De Wolf, L. *see* Guislain, H.J. 8-68554, 8-72583
De Young, D.S. On the origin and evolution of iron-enriched gas in clusters of galaxies 8-93390
De Zafra, R.L. *see* Mallinson, P.D. 8-90157
De Zhang, Z. *see* Zhang De
De Zotti, G. *see* Danese, L. 8-86039
De-chang Wang *see* Wang De-chang
De-Hui Fu *see* Fu De-Hui
De-Hui Hou *see* Hou De-Hui
Deacon, D.A.G., Elias, L.R., Madey, J.M.J., Schwettman, H.A., Smith, T.I. The free electron laser 8-82940
Deacon, D.A.G., Elias, L.R., Madey, J.M.J., Schwettman, H.A., Smith, T.I. The free electron laser 8-90406
Deak, P., Kazsoki, J., Giber, J. Application of cyclic boundary conditions in the CNDO/2 calculation of SiO_2 clusters 8-72110
Deakne, C. *see* Warshel, A. 8-64999
Deal, B.E. Thermal oxidation kinetics of silicon in pyrogenic H_2O and 5% HCl/H_2O mixtures 8-64748
Deal, B.E. *see* Ho, C.P. 8-56793
Deal, B.E. *see* Meindl, J.D. 8-72049
Dealy, J.M. Extensional rheometers for molten polymers; a review 8-71302
Dean, P. *see* Bell, R.J. 8-60696
Dean, A.J. *see* Butler, R.C. 8-81540
Dean, A.M., Steiner, D.C., Wang, E.E. A shock tube study of the $H_2O_2/CO/Ar$ and $H_2/N_2O/CO/Ar$ systems: measurement of the rate constant for $H+N_2O=N_2+OH$ 8-85162
Dean, B.W., Drake, D.L. Focal mechanism solutions and tectonics of the Middle America arc 8-77191
Dean, C., Jones, R. The dependence of the energy gap in covalent semiconductors on short-range order. I. Diamond 8-84142
Dean, D. *see* Ahlborn, B. 8-96120
Dean, J.F., Warren, P.R., Cousins, A.W.J. Reddenings of Cepheids using BVI photometry 8-65630
Dean, J.R., Stewart, R.B. Development of an automated system for CANDU secondary coolant circuit chemistry control Program summary and conclusions 8-66359
Dean, N.R., Hoyt, E.W., Palrang, M.T., Walker, B.G. Glow discharge processing versus bakeout for aluminium storage ring vacuum chambers 8-70658
Dean, N.W. *see* Van Chang 8-74260
Dean, P.J., Venghaus, H., Pfister, J.C., Schaub, B., Marine, J. The nature of the predominant acceptors in high quality zinc telluride 8-60504
Dean, P.J. *see* Herbert, D.C. 8-92111
Dean, P.J. *see* Venghaus, H. 8-72604
Dean, P.N., Pinkel, D., Mendelsohn, M.L. Hydrodynamic orientation of sperm heads for flow cytometry 8-77162
Dean, R.B. Reynolds number dependence of skin friction and other bulk flow variables in two-dimensional rectangular duct flow 8-94827
Dean, R.H., Jakins, G.A. Hyperfine field distribution in FeMo, FeRh and FeIr 8-76351
Dean Barnett, J., Tyagi, S.D., Nelson, H.M. System for ESR measurements at hydrostatic pressures to 60 kilobars 8-54418
Deans, A.J., Shepherd, G.G. Rocket measurements of oxygen and nitrogen emissions in the aurora 8-57380
Deans, A.J. *see* Shepherd, G.G. 8-62216
Dear, T.A. Analyzing valve noise 8-79163
Dearborn, D., Tinsley, B.M., Schramm, D.N. On the origin and evolution of isotopes of carbon, nitrogen, and oxygen 8-93201
Dearborn, D.S.P., Blake, J.B., Hainebach, K.L., Schramm, D.N. Effects of mass loss on the evolution of massive stars. I. Main-sequence evolution 8-93200
Deardorff, J.W. Closure of second- and third-moment rate equations for diffusion in homogeneous turbulence 8-59384
Deardorff, J.W. Efficient prediction of ground surface temperature and moisture, with inclusion of a layer of vegetation 8-73373
Dearnaley, G. *see* Morris, J.R. 8-64768
Dearstone, R.L. *see* Smith, T.E. 8-54881
Deavenport, R.L. *see* Barnard, G.R. 8-55493
Deb, B.M., Bamzai, A.S. Internal stresses in molecules. I. One-electron systems 8-62686
Deb, B.M. *see* Bamzai, A.S. 8-86780
Deb, S.K. *see* Neogy, C. 8-79554
Deb Ray, G., Chakraborty, T.K. Propagation of plane relativistic shock waves in the presence of a magnetic field 8-75207
Debabrata Sinha, Sukumar Basuli Non-symmetrical bending of circular plates having small initial curvature under the combined action of lateral loads and forces in the middle plane of the plates 8-79238
DeBakey, M.E. *see* Chimoskey, J.E. 8-73295
Debarbat, S. Observations of Mars position with the Paris astrolabe 8-61776
Debarbat, S. Analysis of Saturn observations (1971-1976) [made in Paris] 8-85896
Debarbat, S., Chollet, F., Feissel, M., Lam, S.K., Tomas, M., Vanhollebeke, J. Observations of Saturn with the Paris astrolabe (1975-1976) 8-89115
Debarge, G. *see* Dugay, M. 8-63982
Debarre, A. *see* Camus, P. 8-70806
DeBear, W.S. *see* Neely, H.H. 8-86577

- Debeauvais, M.**, Gheysari, G., Rahimi, F., Ralarosy, J., Remy, G., Tripiet, J. A kinetic study of binary and ternary events induced by 2.1 GeV deuterons in U, Th, Bi, Pb and Au targets 8-70577
- Debehogne, H.**, de Freitas Murao, R.R. Effect of errors on the rectilinear trajectories of double stars by the least squares method. Effect of the introduction of observational errors 8-89223
- Deberth, C.** see Berinde, A. 8-78351, 8-82830
- Debertin, K.** Report of the α -, β -, γ -ray spectrometry group of the International Committee for Radionuclide Metrology (ICRM). Intercomparison of gamma-ray emission-rate measurements by means of germanium spectrometers and ^{152}Eu sources 8-82568
- Debhogne, H.**, Surdej, A., Surdej, J. Photoelectric lightcurves and rotation period of the minor planet 59 Elpis 8-69729
- Debnath, L.**, Bagchi, K.K., Mukherjee, S. Capillary-gravity waves in a viscous fluid 8-51177
- Debnath, L.**, Basu, U. Propagation of magneto-hydrodynamic dispersive waves on a running stream 8-59502
- Debnath, N.C.**, Chatterjee, S. I-dependent pseudopotential in the theory of band structure of disordered solids—an application to binary substitutional alloys MgLi, MgCd and MgIn 8-84124
- Debowska, M.** see Baranowski, A. 8-92141
- Debray, D.** see Friend, R.H. 8-51977
- Debrie, R.** see Hamelin, M. 8-91086
- Debrun, J.L.** see Ishii, K. 8-76964
- Debrunner, H.U.** see Stuessi, E. 8-88723
- Debrus, J.** see David, P. 8-78426
- DeBuchananne, G.D.** see Wood, W.W. 8-94116
- Debuigne, J.** see Ansel, D. 8-75867, 8-92259
- Debuyst, R.** see Vanquickenborne, L.G. 8-67994
- Dec, J.** see Suroviak, Z. 8-64339
- DeCampli, W.M.**, Cameron, A.G.W., Bodenheimer, P., Black, D.C. Ortho- and para-hydrogen in dense clouds, protoplanets, and planetary atmospheres 8-89233
- Decher, R.** Nonuniform flow through nozzles 8-94796
- Decheva, S.K.**, Dimitrova, S.K. Thermoelectric efficiency of some compositions from the $(\text{GeTe})_x(\text{AgSbTe}_{1-x})_{1-x}$ system 8-80009
- Deciu, N.** see Padureanu, I. 8-67638
- Decius, J.C.**, Mast, G.B. Atomic polar tensors and the effective charge-charge flux model of infrared intensities 8-70875
- Decius, J.C.** see Cooke, R.D. 8-80324
- Deck, J.F.** see Duffy, W., Jr. 8-56317
- Decker, C.D.** High-efficiency stimulated Raman scattering/dye radiation source 8-87095
- Decker, D.**, Nagel, M., Blocher, W. Computer-aided tissue characterization by ultrasonics 8-80933
- Decker, D.** see Bleicher, W.U. 8-88753
- Decker, D.L.**, Bennett, J.M., Soileau, M.J., Porteus, J.O., Bennett, H.E. Surface and optical studies of diamond-turned and other metal mirrors 8-79098
- Decker, D.L.** see Evenson, W.E. 8-51719
- Decker, D.L.** see Friend, R.H. 8-51977
- Decker, H.**, Matthaus, M. Experiences with ultrasonic diagnosis in a private practice for internal medicine 8-92680
- Decker, I.**, Hahn, H. A simple way of understanding some exact results on critical phenomena in non-homogeneous and finite Ising systems. III. Statistically layered systems 8-95446
- Decker, J.** see Berg, W.F. 8-95314
- Decker, J.F.** A status report on the current DMFE review of alternative magnetic confinement systems 8-58428
- Decker, R.** see Wohn, F.K. 8-78318
- Decker, R.** see Wunsch, K.D. 8-93975
- Deckers, C.** see Boivin, A. 8-79088
- Deckman, H.W.**, Halpern, G.M. Characterization of the fuel content of D-T filled laser fusion microballoon targets 8-50304
- Deckman, H.W.**, Halpern, G.M. Analysis of the gaseous content of microballoon laser fusion targets 8-50305
- Declercq-Grimec, R.I.**, Canesson, P., Friedman, R.M., Fripiat, J.J. Influence of reducing and sulfiding treatments on $\text{Co}/\text{Al}_2\text{O}_3$ and $\text{Mo}/\text{Al}_2\text{O}_3$ catalysts. An X-ray photoelectron spectroscopy study 8-85196
- Declercq, J.-P.** see Piret, P. 8-55849
- Deconinck, G.** Introduction to radioanalytical physics 8-95986
- Decoodt, P.R.**, Mathey, D.G., Swan, H.J.C. The shape of the left-ventricular diameter time curve obtained from M-mode echocardiograms. Automated analysis and normal pattern 8-80940
- Decoret, C.** see Rayez-Meaueme, M.T. 8-64869
- DeCoster, R.J.** see Hones, E.W., Jr. 8-89012
- Decourtieux, J.-L.** Lifetime of the Eells-Sampson heat equation 8-86227
- Decowski, P.**, Benenson, W., Brown, B.A., Nann, H. Levels of ^{52}Fe studied with the (p,t) reaction 8-74362
- Decreau, P.** see Christiansen, P. 8-53774
- DeCristofaro, N.**, Kaplow, R., Owen, W.S. The kinetics of carbon clustering on martensite 8-84821
- Dede, M.**, Scott, R.A., Anderson, J. Equations for non-planar, non-linear motions of buckled beams 8-83316
- Dede, M.**, Scott, R.A., Anderson, W.J. A note on the damping of large amplitude beam vibrations 8-63363
- Dedegkaev, T.T.** see Gartsman, K.G. 8-51576, 8-52698
- Deden, H.** see Bosetti, P.C. 8-70357
- Dederen, J.C.** see van Bockstaele, M. 8-95599
- Dederichs, P.H.**, Hatcher, R.D., Zeller, R. Entropy factors for vacancy formation and migration in Cu 8-75866
- Dederichs, P.H.**, Schroeder, K. Anisotropic diffusion in stress fields 8-55973
- Dedieu, A.**, Hoffmann, R. Pt(O)-Pt(O) dimers. Bonding relationships in a $\text{d}^{10}\text{-d}^{10}$ system 8-74579
- Deemer, A.R.**, Slattery, J.C. Balance equations and structural models for phase interfaces 8-59453
- Deeming, T.J.** see Loumos, G.L. 8-89298
- Deepak, A.** Photogrammetry of the solar aureole 8-57315
- Deepak, A.**, Box, M.A. Forwardscattering corrections for optical extinction measurements in aerosol media. I. Monodispersions 8-94367
- Deepak, A.**, Box, M.A., Twitty, J.T., Adams, R.R. Comparison between photographic and photoelectric measurements of the solar aureole almicantar radiance 8-77321
- Deere, D.U.** see Atkinson, R.H. 8-96313
- Deerenberg, A.J.M.** see Bleeker, J.A.M. 8-85941
- Deev, A.A.** On the form of a body with minimum radiative energy flow under heating rate limitations 8-67020
- Deev, A.A.**, Pilyugin, N.N. Analysis of shapes of bodies with minimal radiative heat inflow along the flight trajectory 8-77457
- Deev, V.I.**, Gordeev, Yu.V., Pridantsev, A.I., Petrovichev, V.I., Arkhipov, V.V. Hydraulic resistance to forced two-phase flow of helium in narrow channels 8-87383
- Deev, V.I.**, Gordeev, Yu.V., Pridantsev, A.I., Petrovichev, V.I., Arkhipov, V.V. Pressure drop in a two-phase flow of helium under adiabatic conditions and with heat supply 8-90983
- Deev, V.I.**, Kondratenko, A.K., Petrovichev, V.I., Keilin, V.E., Kovalev, I.A. Natural convection heat transfer from a vertical plate to supercritical helium 8-94694
- DeFacio, B.** see Shrauner, J.E. 8-78103
- Deffebach, M.E.** see Kaplan, M.W. 8-77048
- Defoix, Ch.** see Aguilar-Benitez, M. 8-82228
- Defoix, Ch.** see Nacasch, R. 8-54646
- Defrain, A.** see Bizio, A. 8-51405
- DeFranco, R.J.** Some stability criteria for multiple Volterra integral equations with an application to gas chromatography 8-62049
- Defrancq, J.N.** Application of polarisation resistance measurements to the determination of corrosion mechanisms 8-80656
- DeFreece, D.A.**, Campbell, R.B., Waganer, L.M. Impact of confinement physics on reactor design and economics 8-50358
- DeFreece, D.A.**, Davis, J.W. Major cost drivers for tokamak fusion power plants 8-58443
- DeFreece, D.A.** see Brennan, G.M. 8-54906
- DeFreece, D.A.** see Waganer, L.M. 8-50357
- Defresne, A.** see Flechon, J. 8-91253
- Defries, T.** see Jonas, J. 8-60349
- Degani, J.**, Rosenfeld, E., Yatsiu, S. Vibrational excitation of N_2 during optical pumping of Hg by 253.7 m μ resonance radiation 8-66517
- Degani, R.** Pattern recognition of piecewise-linear approximated ECG waveforms 8-57119
- Degaonkar, S.S.** see Shirke, J.S. 8-57383
- Degasperis, A.** see Calogero, F. 8-57745, 8-57746, 8-65785, 8-65786, 8-70005
- Degaque, P.** see Cauterman, M. 8-57365
- Degaute, J.P.** see Deemeester, M. 8-85433
- Degen, P.J.** see Blackwell, C.S. 8-86340
- Degenkolb, E.O.** see Noe, L.J. 8-66582
- Degewij, J.**, Gradije, J., Zellner, B. Minor planets and related objects. XXV. UVB photometry of 145 faint asteroids 8-69724
- Degiorgio, V.** see Corti, M. 8-92513
- Degli Antoni, L.**, Dellepiane, G., Gussoni, M. FORTRAN FORMAC products of non-numerical matrices [non-rigid molecule vibration] 8-50540
- Degli Esposti, C.** see Cazzoli, G. 8-82725
- Degl'Innocenti, E.** Landi see Landi Degl'Innocenti, E.
- Degnan, J.H.** see Baker, W.L. 8-94927
- DeGrand, T.**, Rebhi, C. Radial excitations of hadronic bags 8-70330
- DeGrand, T.A.** see Brodsky, S.J. 8-82225
- Degrange, B.** see Alibrant, P. 8-50026
- Degrange, B.** see Krenz, W. 8-54624
- Degre, A.**, Schaeffer, M., Bonneaud, G., Linck, I. Experimental study of the radiative capture $^{11}\text{B}(\alpha, \gamma_0)^{15}\text{N}$ for $15.5 \leq E_\alpha \leq 19.5$ MeV 8-94019
- Degroot, A.J.** see Lee Smith, W. 8-58041
- DeGroot, J.S.** see Wee Woo 8-51309
- Degtyannikov, Yu.F.** see Ovchinnikov, F.Ya. 8-72984
- Degtyar', E.P.** see Datsko, O.I. 8-83884
- Degtyarev, I.S.** Variational method for solving problems of the plasticity of compressible media 8-94602
- Degtyarev, I.S.**, Antsiferov, V.N., Permyakov, A.A. Approximate solution of problems on the plastic working of porous materials 8-68643
- Degtyarev, V.G.** see Bykovskii, Yu.A. 8-59631, 8-61097
- Degtyarev, V.I.** see Markovets, M.P. 8-60903
- Degtyareva, V.F.**, Ivakhnenko, S.A., Ponyatovskii, E.G., Rashchupkin, V.I. Crystal structure and superconductivity of Pb-Sb alloys subjected to high pressures 8-88064
- Degtyareva, V.F.** see Kostygov, A.N. 8-60317
- Deguchi, S.** Water maser and envelope of infrared stars 8-73724
- Deguchi, S.**, Fukui, Y. Transfer of line radiation in collapsing molecular clouds 8-73626
- DeHart, T.E.**, Zumdick, J.F., Hoffman, A.L., Lowenthal, D.D., Crawford, E.A., Parry, B. The laser heated solenoid proof-of-concept experiment (PCX) facility 8-66405
- Dehaut, B.** see Queraogo, A. 8-60400
- DeHaven, C.E., Jr.**, Ayre, C.A., Gustafson, H.R., Jones, L.W., Longo, M.J., Ramana Murthy, P.V., Roberts, T.J., Whalley, M.R. Neutron-proton elastic scattering from 70 to 400 GeV/c 8-82244
- Dehesa, J.S.** The eigenvalue density of rational Jacobi matrices 8-81794
- Dehesa, J.S.**, Lauppe, W.D., Sistemich, K., Speth, J. Structure calculations for the doubly magic nucleus $^{132}_{50}\text{Sn}_{82}$ 8-50087
- Dehesa, J.S.** see Speth, J. 8-50142
- Dehmelt, H.** see Neuhauser, W. 8-75407
- Dehmelt, H.G.** Measurements on single isolated electrons [for teachers] 8-81776
- Dehmer, J.L.**, Dill, D. Photoion angular distributions in dissociative photoionization of H_2 at 304 Å 8-82792
- Dehmer, J.L.** see Dehmer, P.M. 8-66599, 8-78748
- Dehmer, J.L.** see Inokuti, M. 8-58626
- Dehmer, J.L.** see Siegel, J. 8-78815
- Dehmer, J.L.** see Wallace, S. 8-52628
- Dehmer, P.M.**, Dehmer, J.L. Photoelectron spectrum of Xe_2 and potential energy curves for Xe_2^+ 8-66599
- Dehmer, P.M.**, Dehmer, J.L. Photoelectron spectra of Ar_2 and Kr_2 and dissociation energies of the rare gas dimer ions 8-78748
- Dehne, H.C.** see Alexander, G. 8-74251, 8-89766
- Dehne, H.C.** see Berger, Ch. 8-62414, 8-89725
- Dehnard, D.**, Shkolnik, V., Franey, M.A. Parity dependence of the heavy-ion optical potential 8-74397
- Dehnard, D.** see Dudek-Ellis, A. 8-82377
- Dehoff, P.H.** On the nonlinear viscoelastic behavior of soft biological tissues 8-69128
- Dei-Cas, R.**, Blum, J., Morera, J.P., Pinat, P. Slow and fast feedback circuits for the plasma equilibrium in the T.F.R. 600 Tokamak. Numerical simulation of the multitransformer equations 8-55760
- Dei-Cas, R.** see Adam, J. 8-71473
- Deich, A.N.** New data on unseen companions of 61 Cygni 8-69841
- Deich, A.N.** On the extragalactic nature of Lacertids 8-69888
- Deich, I.S.** Determination of the Curie point from a segment of the saturation magnetization-temperature characteristic 8-60281
- Deich, I.S.**, Apaev, B.A. Carbide transitions during post-strain ageing and tempering of carbon and cobalt steel 8-95741
- Deigen, M.F.**, Ischenko, S.S., Kononov, V.I., Okulov, S.M. Temperature dependence of the ESR and spin-lattice relaxation in a layer BiI_3 crystal doped with Mn and Cr 8-88178
- Deigen, M.F.**, Kashirina, N.I., Suslin, L.A. Exchange interaction between impurity centers in crystals due to phonons 8-79678
- Deigen, M.F.** see Bykov, I.P. 8-88179
- Deigen, M.F.** see Vikhnin, V.S. 8-72388
- Deineka, P.A.** see Kochan, V.A. 8-86270
- Deineko, V.I.** see Sobakar, G.T. 8-69275
- Deis, D.W.**, Cornish, D.N., Hirzel, D.G., Rosdahl, A.R. Strain-critical current data for large multifilament Nb_3Sn conductors 8-64174
- Deis, D.W.** see Cornish, D.N. 8-62630
- Deis, D.W.** see Freynik, H.S. 8-54947
- Deissler, R.J.** see Watson, W.D. 8-89239
- Deitz, A.**, Murray, H., Winje, R. HV switch tube development program-TFTR 8-66385
- Deitz, A.**, Murray, H., Winje, R. The TFTR neutral beam power system 8-70639

- Dejak, C.** *see* Ciccariello, S. 8-83710
- Dejardin, J.L.,** Marrony, R., Delseny, C., Brunet, S. Expressions of the fluidity of a liquid as a function of molar volume 8-63872
- Dejean de la Batie, R.** *see* Quisefit, J.-P. 8-61095
- Dejneko, V.I.** *see* Sobakar', G.T. 8-85465
- DeJoode, A.D.,** Patankar, S.V. Prediction of three-dimensional turbulent mixing in an ejector 8-51214
- Deka, A.K.,** Mahanta, P. Nuclear matter properties with a charge-dependent realistic N-N potential 8-50115
- Deka, B.K.,** Dyer, P.E. Mode control and performance studies of a pulsed unstable resonator HF/DF laser 8-82995
- Deka, P.K.,** Ahmed, S.A.S. Pure neutral vector boson contribution to neutrino opacity in stellar matter 8-53928
- Dekaneenko, V.M.,** Eremina, M.I., Vangengeim, S.D. The influence of isothermal working on the susceptibility to form clusters in steel 40 KhN 8-56643
- Dekany, I.,** Nagy, L.G. Some correlations of the equilibrium thermodynamics of the adsorption of liquid mixtures at solid-liquid interfaces 8-84045
- Dekany, I.,** Nagy, L.G., Schay, G. Effect of surface modification on solid-liquid interfacial adsorption of mixtures 8-84056
- Dekel, A.** *see* Katz, J. 8-93326
- Dekeyser, I.,** Fulachier, L., Verollet, E. Anisotropy of the turbulent field in a boundary layer. Effect of wall suction 8-51156
- Dekhtiar, I.Ya.** *see* Pan, V.M. 8-87749
- Dekhtyar, I.Ya.,** Adonkin, V.T., Likhtorovich, S.P., Rustamov, Sh.A. Positronium-like states in GaAs at low temperature 8-76549
- Dekhtyar', L.L.,** Profir, S.G. Determination of residual stress and elastic characteristics of components after surface plastic stress 8-60901
- Dekhtyarenko, P.I.** *see* Gasparyan, O.N. 8-73648
- Deki, K.,** Takenaka, Y., Matsuura, S., Ohta, T. Magnetic field tuning dips in He-CdII and He-ZnII hollow cathode lasers 8-87043
- Deki, K.,** Yamamoto, H., Ohta, T. Theoretical analysis of a linearly polarized Zeeman laser utilizing an ensemble averaged density matrix. II. Discussion of magnetic field resonances on a laser output 8-66798
- Deki, K.,** Yamamoto, H., Ohta, T. Theoretical analysis of a linearly polarized Zeeman laser utilizing an ensemble averaged density matrix. I. Susceptibility of lasing atoms in the first order and the third order approximations 8-71071
- Deki, K.** *see* Toshino, K. 8-94392
- Dekker, H.** An unconventional calculation of Gaussian integrals 8-49647
- Dekker, H.** On the evaluation of the path integral for nonlinear diffusion processes by means of Fourier series 8-70075
- Dekker, H.** Diffusion processes and their paths 8-73944
- Dekkers, N.H.,** de Lang, H. A calculation of bright field single-atom images in STEM with half plane detectors 8-66010
- Deksnis, B.** The propagation of moderately strong shock waves in a two-phase mixture 8-51196
- Del Bene, J.E.** A molecular orbital study of protonation. Geometry and basis set dependence of computed proton affinities 8-50461
- Del Bianco, W.,** Kim, J.C., Kajrys, G. The $^{12}\text{C}(\text{He}, \gamma_0)^{12}\text{O}$ reaction in the giant dipole resonance region 8-78395
- Del Col, G.F.** *see* Cicala, P. 8-67032
- Del Cueto, J.A.,** Shevchik, N.J. Synchrotron-like intensities with a rotating anode and a focusing dispersing crystal 8-86398
- Del Fabbro, R.** *see* Baldini-Celio, R. 8-89724
- Del Genio, A.D.,** Straus, J.M., Schubert, G. Effects of wave-induced diffusion on thermospheric acoustic-gravity waves 8-61637
- Del Giallo, F.,** Conforti, C., Pieralli, F., Ventura, G. A simple pulsed current source in the picoampere range 8-93724
- Del Giudice, S.,** Trotta, A. Transient diffusion with n-order irreversible chemical reaction: a finite element approach 8-85122
- Del Greco, F.P.** *see* Kennealy, J.P. 8-90163
- Del Nero, G.L.** *see* Azzoni, C.B. 8-52350
- del Papa, C.,** Dorfán, D., Flatte, S.M., Heusch, C.A., Lieberman, B., Meyer, H., Moss, L., Schalk, T., Seiden, A., Bunnell, K., Duong-van, M., Mozley, R., Odian, A., Villa, F., Wang, L.C. Structure functions and charge ratios in muon-nucleon scattering 8-74264
- del Papa, C.** *see* Bunnell, K. 8-74258
- Del Pizzo, V.,** Hughes, J.L. The 'plasma diode': a self-activating light gate to prevent laser damage by back-reflected light 8-87057
- Del Re, E.** *see* Caim, G.D. 8-57107
- Del Sole, R.,** Aspnes, D.E. Effect of surface and nonuniform fields in electoreflectance: Applications to Ge 8-68511
- del Vecchio, D.** *see* Radin, N.S. 8-92529
- Dela Palme, A.** *see* Bonnet, M. 8-52215
- Delaev, L.,** Janssen, J., Van de Mosselaer, D., Dullenkopf, G., Deruyttere, A. Fatigue properties of pseudoelastic Cu-Zn-Al alloys 8-76744
- Delaey, L.** *see* Murakami, Y. 8-72801
- Delaey, L.** *see* Singh, S.C. 8-68687
- Delagebeaudou, D.,** Lescroel, M. Fixed-interface-charge model for isotype heterojunctions 8-56215
- Delagrance, H.,** Fleury, A., Alexander, J.M. Fission-evaporation competition in Pu isotopes of mass 235-239 8-66325
- Delagrance, H.** *see* Fleury, A. 8-66326
- Delahaigue, A.** *see* Khelifa, B. 8-80347
- Delahaye, F.** A double constant current source for cryogenic current comparators and its applications 8-93731
- Delain, E.** *see* Buchel, L.A. 8-65162
- Delaloye, M.** *see* Desmet, A. 8-61365
- Delanaye, F.,** Schmeits, M., Lucas, A.A. Many-body interactions in physically adsorbed monolayers 8-84068
- Delaney, J.B.** *see* Butler, J.K. 8-71100
- Delaney, J.S.** *see* Dawson, J.B. 8-65309
- Delaney, M.J.,** Ushioda, S. Raman scattering evidence for sublattice melting in superionic conductor $\alpha\text{-AgI}$ 8-80350
- Delaney, M.S.,** Francis, C.W. The relative uptake of ^{237}Pu (IV) and Pu (VI) oxidation states from water by bush beans 8-73266
- Delaney, T.** *see* Palumbo, G.G.C. 8-69890
- Delang, W.** *see* von Egidy, T. 8-66215
- Delannoy, A.** *see* Bertaux, J.-L. 8-65401
- Delannoy, B.** *see* Bruneel, C. 8-51021
- Delannoy, D.D.,** Tribollet, B., Valadier, F., Erbeia, A. ESR of nitrogen atoms in multiple trapping sites—Nitrogen matrix 8-56367
- Delany, J.M.,** Helgeson, H.C. Calculation of the thermodynamic consequences of dehydration in subducting oceanic crust to 100 kb and $>800^\circ\text{C}$ 8-69301
- Delany, M.E.,** Rennie, A.J., Collins, K.M. A scale model technique for investigating traffic noise propagation 8-59196
- Delapalme, A.,** Lander, G.H., Brown, P.J. Magnetisation density in URh_3 8-52203
- Delaplace, J.** *see* Blanchard, R. 8-72791
- Delaplane, R.G.** *see* Selenius, C.O. 8-51488
- Delaplanque, M.A.,** Byrski, Th., Diamond, R.M., Hubel, H., Stephens, F.S., Herskind, B., Bauer, R. Multipolarity of continuum γ rays from enhanced angular correlation measurements 8-93963
- DeLaRue, R.M.** *see* Pelosi, P.M. 8-55436
- Delasnerie, M.** Mixing flow and Palm measures 8-89307
- DeLaunay, G.,** Despujols, J. Electroluminescence of Al-SiO-Au thin layer structures 8-76531
- DeLaunay, J.** *see* Hellmeister, H.P. 8-74387
- DeLaunay, J.** *see* Nomura, T. 8-89927
- DeLaune, R.D.,** Patrick, W.H., Jr., Buresh, R.J. Sedimentation rates determined by ^{137}Cs dating in a rapidly accreting salt marsh 8-96247
- DeLaunois, A.L.** Easy recording of extracellular action potentials 8-61294
- DeLaverge, R.W.** *see* Shepherd, D.C. 8-64992
- Delavignette, P.** *see* Hou, M. 8-51575
- Delavignette, P.** *see* Vicens, J. 8-56648
- Delaye, J.** *see* Besse, P. 8-81030
- Delaye, M.** Rayleigh scattering near a second-order smectic-A to smectic-C transition 8-95140
- Delbecq, C.J.,** Dexter, D.L., Yuster, P.H. Tunneling-recombination luminescence between Ag^0 and Ag^{2+} in KCl:AgCl 8-88354
- Delbecq, J.M.,** Fremont, M., Pecker, A., Salencon, J. A finite element approach to problems of plasticity and viscoplasticity 8-63334
- Delbos, G.,** Bottreau, A.-M., Marzat, C., Salefran, J.-L. Microwave dielectric relaxation of aqueous solutions of dextran 8-92018
- Delbos, G.** *see* Le Petit, J.P. 8-72459
- Delbourgo, R.,** Shepherd, T.J. The gauge technique for two-dimensional electrodynamics 8-78120
- Delbourgo, R.** *see* Cochet, G. 8-52681
- Delbrouck-Habaru, J.M.** *see* Robaye, G. 8-78388
- Delbrouck-Habaru, J.-M.,** Robaye, G., Winand, L. A method of measurement of beam-analysing-system energy resolution based on the $^{12}\text{C}(p, p)$ reaction at 14.232 MeV 8-70669
- Delcaro, L.,** Sicuranza, G. Two-dimensional digital filters for enhancing images 8-53539
- Delcet, J.,** Egan, J.J. Thermodynamics of liquid Ca-Ag and Ca-In alloys 8-75848
- Delcet, J.,** Heus, R.J., Egan, J.J. Electronic conductivity in solid CaF_2 at high temperature 8-72159
- Delcourt, B.** *see* Quenzer, A. 8-70370
- Delcroix, J.L.** *see* Ferreira, C.M. 8-67452
- Delcroix, J.L.** *see* Mourier, G. 8-66000
- Delespaul, I.,** Peperstraete, H., Rymen, T. Analysis and calibration techniques for measuring airborne particulates and gaseous pollutants 8-69531
- Delettrez, B.** *see* Creason, S.C. 8-53282
- Delettrez, J.** *see* Skupsky, S. 8-59663
- Deleze, M.,** Goel, J.-J., Meyenhofer, B. Finite elements of C^1 -class on a tetrahedron 8-57759
- Delfino, M.** *see* Loiacono, G.M. 8-63863
- Delfino, S.,** Saccone, A., Borzone, G., Ferro, R. Phase equilibria in the neodymium-thallium system 8-60653
- Delfino, S.** *see* Rambaldi, G. 8-76630
- Delforge, J.** Comments on 'Controllability, observability and structural identifiability of multi input and multi output biological compartmental systems' 8-76978
- DelGaudio, A.M.** *see* Mollenauer, L.F. 8-79023
- Delhaes, P.** *see* Carmona, F. 8-51420
- Delhaes, P.** *see* Flandrois, S. 8-64032
- Delhaes, P.** *see* Keryer, G. 8-76059
- Delhaes, P.** *see* Loll, P. 8-64517
- Delhalle, J.** *see* Pireaux, J.J. 8-52630
- Delhalle, S.** *see* Pireaux, J.J. 8-52630
- Delhez, R.,** de Keijser, T.H., Mittemeijer, E.J. The X-ray diffraction line broadening due to the diffractometer condition as a function of 2θ 8-86399
- Delhez, R.,** Mittemeijer, E.J., van den Bergen, E.A. X-ray diffraction line profile analysis of diffusional homogenization in powder blends 8-80491
- Delhez, R.** *see* Beers, A.M. 8-84110
- Delhez, R.** *see* Mischogofsky, F.H. 8-87633
- Delhez, R.** *see* Mittemeijer, E.J. 8-75491
- Delibrias, G.** *see* Pastouret, L. 8-73355
- Delic, G.** *see* Charlton, L.A. 8-54785
- Delichatsios, M.M.,** Freidman, H.W., Sirchis, M. Large scale flowing saturable absorbers for CO_2 lasers 8-59096
- Delikan, O.** Preparation of ^{222}Ra for therapy of ankylosing spondylitis 8-96089
- Delimarskii, J.K.** *see* Kirillov, S.A. 8-52514
- Delimbetov, V.A.** *see* Safonov, O.A. 8-93716
- Deline, V.** *see* Gat, A. 8-91345
- Deline, V.R.** *see* Lidow, A. 8-67830
- DeLisi, C.** *see* Thakur, A.K. 8-73015
- Dell, G.F.** *see* Amaldi, E. 8-78222
- Della Mea, G.,** Baeri, P., Campisano, S.U., Cocito, M. Determination of oxygen and nitrogen in tantalum thin films by nuclear techniques and Auger spectroscopy 8-80824
- Della Mea, G.** *see* Carnera, A. 8-67760
- Della Negra, S.** *see* Bimbot, R. 8-70720, 8-82567
- Della Negra, S.** *see* Cabot, C. 8-70563
- della Porta, P.** *see* Rosai, L. 8-70627
- Dellacasa, G.** *see* Bonazzola, G.C. 8-74402
- Delle Femmine, P.** *see* Caroli, S. 8-82047
- DelleDonne, M.,** Ortoleva, P. Generalized nonlinear master equations for local fluctuations: dimensionality expansions and augmented mean field theory 8-73019
- DelleDonne, M.** *see* Ortoleva, P. 8-56880
- Dellepiane, G.** *see* Degli Antoni, L. 8-50540
- Dell'Osso, L.** *see* Colacino, M. 8-81264
- Delmas, C.** *see* Pham-Van, J. 8-61793
- Delmas, R.,** Aristarain, A. Recent evolution of strong acidity of snow at Mt. Blanc 8-81259
- Delmas, R.,** Baudet, J., Servant, J. Evidence of natural sources of sulphate in a tropical humid medium 8-81371
- Delmau, J.** *see* Briguet, A. 8-72429
- Delobelle, P.,** Oytana, C., Donoso, J.R., Watson, P.G., Reed-Hill, R.E. Discussion of 'static strain aging in commercial purity alpha titanium' 8-76675
- Delobelle, P.,** Oytana, C., Varchon, D. Study of the strain ageing of tantalum by the method of the return of the elastic limit 8-68713
- Delobelle, P.** *see* Bornier, L. 8-72818
- Delobelle, P.** *see* Varchon, D. 8-63806
- Deloche, R.** *see* Lee, F.W. 8-64823
- Deloff, A.** Hadronic atoms and low energy scattering 8-70977
- Deloff, A.** Product representation in effective range theory 8-78273
- Deloff, A.** Multiple scattering from non-overlapping potentials 8-82128
- Delogne, P.,** Lobelle, M. Numerical calculations on microwave propagation through rain 8-53675
- Delogne, P.,** Sobieski, P. Fine structure of microwave cross-polarization due to precipitation 8-53674
- Delon, P.** *see* Schermann, C. 8-78034
- Delone, G.A.,** Grinchuk, V.A., Kazantsev, A.P., Surdutovich, G.I. Scattering of atoms and molecules by an electromagnetic field 8-66526
- Delone, N.B.,** Zon, B.A., Krainov, V.P. Diffusion mechanism of ionization of highly excited atoms in an alternating electromagnetic field 8-86798
- DeLong, L.E.,** Maple, M.B., Tovar, M. Superconducting and normal state properties of dilute alloys of LaSn_3 containing Ce impurities 8-76184

- DeLong, M.L.** *see* McDermott, W.E. 8-63116
- Delorme, J.** Microscopic analysis of the elementary particle description of nuclear currents 8-82304
- Delorme, J.** *see* Ericson, M. 8-62498, 8-82303
- Delorme, J.** *see* Kubodera, K. 8-54694
- Delos, J.B.** *see* Thorson, W.R. 8-81889, 8-81890
- Deloume, J.P.** *see* Romand, M. 8-56561
- Deloume, J.-P.** *see* Romand, M. 8-52620
- Delov, I.A.** Causes of fluctuations in the effective linear electron density of meteor trails 8-73687
- Delpech, Ph.** *see* Bouley, J.C. 8-87059
- Delpeyroux, P.**, Balloffet, Y., Blanchard, P., Carteret, Y., Coulon, P., Courcon, P., Dupouy, J.M., Jallade, M., Millet, P., Rouseau, J. Characteristics and behavior of the Phenix fuel element 8-66349
- Delrieu, J.M.** *see* Adams, E.D. 8-60003
- Delsante, A.E.**, Frankel, N.E. Relativistic degenerate electron plasma 8-71529
- Delsante, A.E.**, Frankel, N.E. Relativistic degenerate electron plasma in an intense magnetic field 8-87486
- Delsante, A.E.**, Frankel, N.E. Equation of state of ideal neutrons in an intense magnetic field 8-89401
- Delsart, C.**, Keller, J.-C. Laser-induced dichroism and birefringence in two- and three-level systems of neon 8-79065
- Delsart, C.**, Keller, J.-C. Doppler-free laser-induced dichroism and birefringence 8-82711
- Delsen, C.** *see* Dejardin, J.L. 8-63872
- Deltour, J.** Comment on 'Exact, Einstein, and Debye heat capacities of a one-dimensional crystal' 8-86076
- DeLuca, J.A.** *see* Yang, K.H. 8-80381
- DeLuca, J.C.**, Gambino, R.J., Malozemoff, A.P. Observation of a domain drag effect in amorphous GdCoMo films 8-91911
- Deluca, P.M.**, Torti, R.P., Chenevert, G.M., Detorie, N.A., Tesmer, J.R., Kelsey, C.A. Performance of a gas target neutron source for radiotherapy 8-92698
- Delunas, A.** On electrolytic amorphous antimony 8-51849
- Delvaille, J.P.** *see* Kallne, E. 8-63186
- Delvaille, J.P.** *see* Schnopper, H.W. 8-65691
- Delvaux, J.** *see* Antoni, B. 8-91135
- Delve, M.H.** *see* Morris, J.B. 8-54852
- DelVecchio, R.M.**, Daehnick, W.W. Search for the weak non-analog Fermi branch in the ^{42}Sc ground state beta decay 8-70495
- Delville, A.**, Jasselette, P., Vandermeulen, J. Elementary quantum mechanics in a high-energy process 8-86053
- Delwiche, J.** *see* Natalis, P. 8-50583
- Delyagin, N.N.**, Zonnenberg, Yu.D., Kornienko, E.N., Krylov, V.I., Nesterov, V.I. Temperature dependence of the hyperfine magnetic fields in the metallic ferromagnets Rh_2FeSn and Rh_2CoSn 8-80265
- Delyagin, N.N.**, Zonnenberg, Yu.D., Kornienko, E.N., Krylov, V.I., Nesterov, V.I. Critical exponent β of a hyperfine field in a ferromagnet: ^{119}Sn in Rh_2CoSn 8-92008
- Delyagin, N.N.**, Zonnenberg, Yu.D., Nesterov, V.I., Sergeev, S.A. Double Mossbauer spectrometer for measuring small resonance-line shifts 8-82560
- Delyagin, N.N.** *see* Nikolaev, I.N. 8-52382
- Demaiffe, D.** *see* Duchesne, J.-C. 8-65224
- Demaïson, J.** *see* Burie, J. 8-94236
- Demaïson, J.** *see* Dubrulle, A. 8-86850
- Demaïson, J.** *see* Tan, B.T. 8-82721
- Demakov, Yu.P.** *see* Volkov, L.A. 8-87825
- Demangeat, C.** On the solubility of carbon in BCC transition metals 8-71861
- Demangeat, C.**, Gautier, F., Parlebas, J.C. Electronic structure and ordering of sp defects in transition metals 8-91639
- Demanins, F.** *see* Abbondanno, U. 8-89869
- Demarcq, J.** *see* Roddier, F. 8-77971
- DeMarcus, W.C.** Classical motion of a Morse oscillator 8-73796
- Demarest, J.A.**, Watson, R.L. Ion-excited K α X-ray satellite spectra of Si, S, Cl and Ar in the gas phase 8-66496
- Demarq, J.** *see* Chollet, F. 8-69760
- DeMarzo, C.** *see* Cutts, D. 8-89746
- Demas, J.N.** *see* Wight, C.A. 8-76885
- DeMattia, P.**, Fossati-Bellani, V. Holographic contouring by displacing the object and the illumination beam 8-74864
- Demazeau, G.**, Pouchard, M., Hagenmuller, P. Relationship between structure and some physical properties of a new high-pressure series of perovskite-like oxides 8-51493
- Dembinski, S.T.**, Kossakowski, A., Peplowski, P., Lugiato, L.A., Mandel, P. Laser instability below threshold 8-94385
- Dembinski, S.T.** *see* Lugiato, L.A. 8-82943
- Dembno-Tchaikowsky, M.** *see* Lucas, R. 8-89326
- Demchenko, R.Ya.** *see* Kutasov, I.M. 8-83233
- Demchenko, V.V.**, Omel'chenko, A.Ya. The effect of an HF electric field on the propagation of electrostatic waves in an anisotropic two-dimensional non-uniform plasma 8-59565
- Demchenko, V.V.**, Omel'chenko, A.Ya. Effect of high-frequency electric field on dispersion of surface waves excited by an electron beam 8-91117
- Demchishin, A.V.** *see* Movchan, B.A. 8-80554
- Demchuk, B.N.** *see* Red'ko, Yu.F. 8-77916
- Demchuk, I.S.**, Sinyakov, K.A., Sinyakova, N.V. Microkinetics of the martensitic transformation in steel N24M5 8-56637
- Demchuk, S.A.** *see* Shul'man, Z.P. 8-59500, 8-87321
- Demchuk, S.P.**, Kornilov, I.E. About two circumferences disposed in the flow field of unit intensity isolated vortex 8-55648
- Demco, D.** *see* Naskidashvili, I.A. 8-72431
- Demco, D.E.** Nuclear spin dynamics 8-55189
- Demco, D.E.**, Novacu, B. Fast neutron irradiation effects on superconductors 8-52144
- Demco, D.E.**, Ursu, I. Physical and biological structures determination by nuclear magnetic resonance 8-49874
- Demco, D.E.** *see* Novacu, B. 8-60247
- Deme, S.** *see* Baranyai, A. 8-57072
- De meester, M.**, Grévisse, Ph., Jank, K., Degaute, J.P., Musoglu, E. Computer-aided investigation of directly observed in vivo oxyhaemoglobin dissociation curve in man 8-85433
- Demekhin, V.F.**, Sukhorukov, V.L., Bairachnyi, Yu.I. Study of the possibility of calculating atomic structures by the model-potential method 8-86777
- Demekhin, V.F.**, Yavna, S.A., Bairachnyi, Yu.I., Sukhorukov, V.L. The one-configuration approximation in the calculation of the X-ray and electron spectra of the transition elements 8-92145
- Dement'ev, A.G.** *see* Bazarov, B.A. 8-92281
- Dement'ev, L.N.** *see* Zubarev, P.V. 8-52911
- Dement'ev, O.N.** *see* Gershuni, G.Z. 8-55644
- Dementienko, V.V.** *see* Godik, E.E. 8-50935
- Dementiev, R.K.** *see* Dzhanbusinova, M. 8-89762
- Dementiev, R.K.** *see* Ermilova, D.I. 8-62468
- Dement'yev, M.A.** The formation of rifles 8-63482
- Dement'yev, M.A.**, Lappo, D.D. The term p/y in the Bernoulli and Lagrange-Cauchy integrals 8-65779
- Demer, J.L.**, Mylrea, K.C., Adler, L., Jewett, W.R. An esophageal multiprobe for temperature, electrocardiogram, and heart and lung sounds measurements 8-77146
- Demeri, M.Y.**, Conrad, H. Instability of plastic flow in tension 8-67060
- Demers, P.** Trichromatic theory and the time vector in relativity theory 8-57006
- Demers, S.** *see* Wehlau, A. 8-73714
- Demeter, I.**, Kesztelyi, L., Szokefalvi-Nagy, Z., Varga, L., Hollos-Nagy, K., Nagy, A. Ion content of synaptic vesicles 8-61166
- Demetriades, A.** Transition to turbulence in two-dimensional wakes 8-94739
- Demetrovics, J.** On the main diagonal of Sheffer functions 8-54152
- Demeyer, A.** *see* Billerey, R. 8-58304
- DeMichelis, C.** *see* Klapisch, M. 8-79470
- Demidenko, L.S.** *see* Baranskii, P.I. 8-51954
- Demidenko, T.F.**, Shenyavskii, L.A. Interferometer for measuring small acoustic vibrations 8-71253
- Demidov, A.S.** Equilibrium form of a steady plasma 8-67396
- Demidov, K.B.**, Akimov, I.A. Influence of local internal fields on the light sensitivity of electrophotographic zinc oxide 8-49932
- Demidov, M.I.** *see* Vorypayeva, N.S. 8-91183
- Demidov, N.A.**, Ezhov, E.M., Ul'yanov, A.A., Fedorov, V.A. Frequency shifts of a hydrogen generator due to hydrogen atom collisions with storage flask walls 8-77870
- Demidov, S.A.** *see* Rekant, N.B. 8-89522
- Demidova, L.L.**, Chervova, A.A., Karaseva, L.A., Shilova, M.V. Some electrical and photoelectrical properties of $\text{TiGa}(\text{S},\text{Se})_2$ films 8-52109
- Demidovich, I.G.** *see* Shevelva, V.V. 8-80613
- Demikhovskii, V.Ya.**, Maksimova, G.M. Nonlinear effects on propagation of strong and weak sound waves in metals 8-60168
- Demikhovskii, V.Ya.**, Shmatkova, N.I. Amplitude dependent sound velocity in collisionless regime 8-52037
- Demikhovskii, V.Ya.** *see* Vugal'ter, G.A. 8-59865
- Demina, A.I.** *see* Milewski, J. 8-63053
- Demina, B.N.**, Semevskiy, R.B. Use of digital methods of analysis to separate the microstructure of the geomagnetic field 8-69480
- Demina, B.T.** *see* Danilenko, A.F. 8-81215
- Demina, M.I.** *see* Sogolova, T.I. 8-68746
- Demina, S.I.** *see* Semenov, G.M. 8-76819
- Deminet, C.**, Beverly, W.D. All-glass collectors in solar energy utilisation 8-59122
- Deming, D.** Mixing and the strong-cyanogen phenomenon 8-53921
- Deming, D.** CN strengths and $^{12}\text{C}/^{13}\text{C}$ ratios in population I K giants 8-93229
- Deming, D.** *see* Smith, H.A. 8-85954
- Demiray, A.F.** *see* Cyvin, S.J. 8-66537
- Demiray, H.**, Cemal Eringen, A. A nonlocal model for plug formation in plates 8-49653
- Demiray, H.**, Eringen, A.C. On nonlocal diffusion of gases 8-51268
- Demircan, O.** Fourier analysis of the light curves of eclipsing variables. XV 8-93311
- Demircan, O.** Fourier analysis of the light curves of eclipsing variables. XVI 8-96503
- Demircan, O.** *see* Kopal, Z. 8-69830
- Demirci, A.H.** *see* Krause, H. 8-53003
- Demirkhanov, R.A.**, Doroshenko, A.N., Zhari-kov, V.N., Kadysh, I.J., Kirov, A.G., Minenko, V.P. Partially ionized gas in a travelling high frequency magnetic field 8-75474
- Demkin, V.P.**, Tuzhilkin, Yu.I. Measurement of the correlation coefficient of signals with a fluctuating level in the presence of noise 8-94489
- Demkin, V.P.** *see* Gorchakov, L.V. 8-62764
- Demkiv, O.T.**, Fedyk, Ya.D. Polarity of the cell permeability and its control by phytochrome 8-77025
- Demkov, Yu.N.**, Zaretskii, D.F., Karpeshin, F.F., Listengarten, M.A., Ostrovskii, V.N. Distribution of muons among muonic atom fission fragments 8-94040
- Demmig, F.** The computation of one-dimensional unsteady non-equilibrium flows with a method of characteristics utilizing exponential fitting 8-49648
- Demoen, B.**, Vanheuverzwijn, P., Verbeure, A. Completely positive maps on the CCR-algebra 8-49716
- Demoen, B.**, Verbeure, A. Homogeneous perturbed classical states and equilibrium conditions 8-93595
- DeMonbrun, D.** *see* Pitts, D.E. 8-65389
- Demond, F.-J.** *see* Ho, H. 8-54786
- Demoulin, B.** *see* Cauterman, M. 8-57365
- Dempsey, B.J.** A mathematical model for predicting coupled heat and water movement in unsaturated soil 8-61446
- Dempsey, D.G.** *see* Kleinman, L. 8-95330
- Dempsey, E.** *see* Khanna, R.K. 8-76435
- Dempsey, J.**, Smith, J., Holah, G.D., Miller, A. Nonlinear absorption and pulse shaping in InSb 8-79077
- Demskaya, E.L.** *see* Galant, E.I. 8-88364
- Demtroder, W.** *see* Bonilla, I.R. 8-90210
- Demtroder, W.** *see* Kowalski, F.V. 8-89447
- De'munari, G.M.** *see* Bucci, C. 8-74679
- Demus, D.** *see* Kresse, H. 8-52424
- Demuth, C.**, Berger, A., Jacquart, Y., Legros, C. Analytical modeling of pollutant dispersion during calm wind situations 8-81385
- Demuth, J.E.** On the conversion of ethylene to acetylene on Ni(111) 8-88657
- Demyanenko, O.P.** *see* Kondilenko, I.I. 8-82739
- Dem'yanov, A.I.** *see* Azaryan, M.O. 8-70366
- Dem'yanov, A.V.** *see* Bogdanov, D.D. 8-78326
- Dem'yanov, V.V.**, Shchedrin, M.I. Amplification of the frequency dispersion of permittivity in defective ferroelectrics 8-52419
- Dem'yanov, V.V.** *see* Belous, A.G. 8-60406
- den Baumen, J.** *see* Schulte in den Baumen, J.
- den Berg, G.J.K.** *see* van den Berg, G.J.K.
- den Berg, H.A.M.** *see* van den Berg, H.A.M.
- den Berg, H.R.** *see* van den Berg, H.R.
- den Berg, J.A.** *see* van den Berg, J.A.
- den Berg, S.** *see* van den Berg, S.
- den Berge, G.** *see* van den Berge, G.
- den Bergen, E.A.** *see* van den Bergen, E.A.
- den Bergh, H.** *see* van den Bergh, H.
- den Bergh, H.** *see* van den Bergh, H.
- den Bergh, S.** *see* van den Bergh, S.
- den Bergh, S.** *see* van den Bergh, S.
- den Boef, J.H.** *see* Henning, J.C.M. 8-76285, 8-88175
- den Boef, J.H.** *see* Henning, J.G.M. 8-68366
- den Boer, M.L.**, Cohen, P.I., Park, R.L. Elastic and inelastic contributions to secondary electron yield structure 8-72642
- den Bogaert, F.** *see* van den Bogaert, F.
- den Boggende, A.J.F.**, Mewe, R., Heise, J., Brinkman, A.C., Gronenschild, E.H.B.M., Schrijver, J. A soft X-ray source in the vicinity of the Am star HR 976 8-81634
- den Boggende, A.J.F.** *see* Brinkman, A.C. 8-86025
- den Boggende, A.J.F.** *see* Gronenschild, E.H.B.M. 8-54010
- den Boggende, A.J.F.** *see* Schrijver, J. 8-96563
- den Boom, H.** *see* van den Boom, H.
- den Boomgaard, J.** *see* van den Boomgaard, J.
- den Boomgaard, T.** *see* van den Boomgaard, T.
- den Bosch, A.** *see* van den Bosch, A.

- den Brekel, C.H.J. *van see van den Brekel, C.H.J.*
- den Brekel, C.H.J. *Van see Van den Brekel, C.H.J.*
- den Broeck, J.-M. *van see van den Broeck, J.-M.*
- den Broek, C.A.M. *van see van den Broek, C.A.M.*
- den Broek, J.H.J.M. *Van see Van den Broek, J.H.J.M.*
- den Broek, P.M. *van see van den Broek, P.M.*
- den Doel, R. *van see van den Doel, R.*
- den Enden, L. *Van see Van den Enden, L.*
- Den Enk, J.E. *Van see Van Den Enk, J.E.*
- den Hartog, H.W. *see Diemer, H.K. 8-68363*
- den Hartog, H.W. *see Lefferts, A.N. 8-80210*
- Den Hartog, H.W. *see Roelfsema, K.E. 8-68361*
- den Hartog, H.W. *see van Winsum, J.A. 8-87950, 8-87951*
- den Heuvel, E.P.J. *van see van den Heuvel, E.P.J.*
- den Horn, L.J. *van see van den Horn, L.J.*
- Den Horn, L.J. *Van see Van Den Horn, L.J.*
- den Nijs, M.P.M., Knops, H.J.F. Variational renormalization method and the Potts model 8-93618
- den Otter, G.J. *see Vetter, R. 8-68704*
- den Ouden, L.W.J. *see Capel, H.W. 8-70085*
- Den Wijngaart, C.A. *Van see Van Den Wijngaart, C.A.*
- Denaev, V.V., Zhiglinskii, A.G., Kuchinskii, V.V. Instrument contour of a nonideal Fabry-Perot interferometer. II 8-82027
- Denanot, M.F. *see Gaboriaud, R.J. 8-51545*
- Denardo, G., Spallucci, E. Switching off the black-hole evaporation 8-53979
- Denavit, J., Rathmann, C.E. Spectral formulation of the dissipative trapped electron instability 8-91095
- Dence, M.R. *see Floran, R.J. 8-81164*
- Dence, M.R. *see Phinney, W.C. 8-81163*
- Dench, W.A. *see Seah, M.P. 8-84686*
- Dencker, W.D. *see Rushneck, D.R. 8-77460*
- Dendrou, B.A., Houstis, E.N. An inference-finite element model for field problems 8-81923
- Dendrovskii, V.A. *see Kalyuzhnyi, V.M. 8-49928*
- Denegri, D., Pons, Y., Wohl, C. Systematics of two-body diffraction dissociations in K⁺p interactions at 14.3 GeV/c 8-62464
- Denes, G. *see Ansel, D. 8-75867*
- Denes, L.J. *see Mitchell, R.R. 8-63054*
- Deneuville, A., Gerard, P. Influence of substoichiometry, hydrogen content and crystallinity on the optical and electrical properties of H₂WO₃ thin films 8-84671
- Deneuville, J.-L., Gratiot, D., Chatillon-Colinet, C., Mathieu, J.-C. Application of differential microcalorimetry to the direct measurement of the difference between two thermal effects. [Enthalpy of order-disorder transformation in Au₂Cu] 8-57950
- Deng Dao-Qun *see Dong Bi-Zhen 8-90392*
- Denhoy, B.S., Batzer, T.H., Call, W.R. Degassing a large LHe cryopump 8-54382
- Denhoy, B.S. *see Calderon, M.O. 8-66403*
- Denhoy, B.S. *see Hinkle, R.E. 8-58494*
- Denier Van der Gon, J.J., Van den Broek, J.H.J.M., Heethaar, R.M., Wolfs, E.A. Mechanics of the heart 8-73170
- Denier Van der Gon, J.J., Van den Broek, J.H.J.M., Heethaar, R.M., Wolfs, E.A. The heart's contractility 8-73171
- Denig, W.F. *see Lind, V.G. 8-89913*
- Denis, A.-M. *see Bizette, H. 8-88278*
- Denis, J.P. *see Pelle, F. 8-68549*
- Denisenko, G.A., Khaimovich, E.P. Allowed β - γ angular correlations induced by magnetic interactions 8-68419
- Denisenko, O.N. *see Savinkov, A.I. 8-88549*
- Denisenko, P.F. *see Gusev, V.D. 8-73525*
- Denishchenko, V.S. *see Tyupalo, N.F. 8-61105*
- Deniskin, V.P. *see Volkov, E.P. 8-93682*
- Denison, A.B. *see Reist, H.-W. 8-70672*
- Denisov, A.S. *see Burq, J.P. 8-89741*
- Denisov, F.T. *see Davydov, A.E. 8-94851*
- Denisov, G.G., Pozdeev, O.D., Khimin, Yu.A. Rotatory hysteresis in alternating magnetic fields 8-68294
- Denisov, L.K. *see Aristov, A.V. 8-82964*
- Denisov, M.A., Shklyar, F.R., Bokovikova, A.Kh. Investigation of composite heat transfer at various gas flow patterns in furnaces 8-90677
- Denisov, N.G. The limit polarization of electromagnetic waves escaping the inhomogeneous layer of the magnetoactive plasma 8-83570
- Denisov, R.A., Denks, V.P., Dudel'zak, A.E., Milenina, R.V., Ruus, T.V. Luminescence and coloration of halogen-containing sodalites and zeolite 'ZH' 8-72578
- Denisov, R.I. *see Grekhov, E.V. 8-53134*
- Denisov, S.P. *see Antipov, Yu.M. 8-62581*
- Denisov, V.I. Interaction of a plane gravitational wave with the field of a magnetic dipole 8-49738
- Denisov, V.I. Gravitational field inside a spherical electromagnetic resonator 8-73906
- Denisov, V.N., Mavrin, B.N., Podobedov, V.B., Sterin, Kh.E. Hyper-Raman scattering in the LiNbO₃ crystal 8-87102
- Denisov, V.N., Mavrin, B.N., Podobedov, V.N., Sterin, K.E. Hyper-Raman scattering in the LiNbO₃ crystal 8-94409
- Denisov, V.N., Podobedov, V.B., Pyndyk, A.M., Sterin, Kh.E. Kinetic investigation of the distribution function in excited nitrogen by Raman scattering 8-66557
- Denisov, Yu.D. *see Alekseev, V.K. 8-84944*
- Denisov, Yu.P. *see Preobrazhenskii, S.N. 8-53349*
- Denisov, Yu.V., Komissarova, M.L., Konstantinov, G.V., Nickovskikh, V.M. Thermal stresses and their influence on the character of fracture in the rollers of continuous steel-casting installations 8-64650
- Denisyuk, G.V., Kobozev, E.K. Analysis of the optimal parameters of 'focusing testers' 8-83070
- Denisyuk, V.A. *see Zakharov, V.P. 8-72273*
- Denisyuk, V.I., Zakharov, V.P., Popov, V.M. Increasing the amount of information obtained from investigations of metal-dielectric-semiconductor (MDS) structures with the help of a scanning electron microscope 8-95377
- Denisyuk, Yu.N., Brui, V.P. Possibility of transforming the integral 3-D image produced by a lens raster 8-82921
- Denk, J. *see Schrofel, J. 8-80469*
- Denk, W. *see Daniel, H. 8-90326*
- Denks, V.P. *see Denisov, R.A. 8-72578*
- Denley, D., Falicov, L.M. Correlated states in a model two-dimensional layer 8-51919
- Denloye, A.O.O., Botterill, J.S.M. Bed to surface heat transfer in a fluidized bed of large particles 8-63269
- Denloye, A.O.O. *see Botterill, J.S.M. 8-71391*
- Denmead, O.T. *see Freney, J.R. 8-61419*
- Denne, B. *see Huidt, S. 8-55228*
- Denne, B. *see Ishii, K. 8-78798*
- Denneman, J.W. *see Steenhuyzen, L.W.G. 8-59715*
- Dennen, R.S. Atmospheric correction for LANDSAT classifications 8-69548
- Denner, H.D., Klipping, G., Klipping, I., Menzel, J., Ruppert, U. Flow of helium II through porous plugs [space cooling systems] 8-49842
- Denner, W., Dieterich, W., Schulz, H., Keller, R., Holzapfel, W.B. Adaption of a diamond anvil cell to an automatic four-circle diffractometer for X-ray diffraction 8-75501
- Denner, W., Schulz, H., D'Amour, H. A new measuring procedure for data collection with a high-pressure cell on an X-ray four-circle diffractometer 8-75495
- Denner, W. *see d'Amour, H. 8-83875*
- Dennis, B.R., Maurer, G.S., Cutler, E.P., Cranell, C.J., Dolan, J.F., Frost, K.J., Orwig, L.E. High energy X-ray spectrum of Her X-1 8-93473
- Dennis, J.R., Hale, E.B. Crystalline to amorphous transformation in ion-implanted silicon: A composite model 8-59825
- Dennis, L.C. *see Doering, R.R. 8-62555*
- Dennis, L.C. *see Thornton, S.T. 8-50070*
- Dennis, R.B. On the nature of light 8-66791
- Dennis, R.L. Air pollution modeling by the 'smeared concentration approximation' 8-81381
- Dennison, B., Melnick, G., Harwit, M., Sato, T., Stelzried, C.T., Jauncey, D. Deflection of polarized radiation: relative phase delay technique 8-53818
- Dennison, E.E., Maier, R.E., McGaughey, J.W., Ying, S.P. Environmental noise. Study for a nuclear power plant 8-87194
- Dennison, J.P., Wilshire, B. Mechanisms of improving creep rupture lives by re-heat-treatments 8-64666
- Denno, K. Direct energy conversion of exhaust fusion plasma by magnetic deflection 8-54898
- Denno, K. Pulsed acceleration of exhaust plasma in a fusion-MHD power plant 8-62644
- Denoth, F. *see Bedini, L. 8-85352*
- Denoyer, F. *see Currat, R. 8-67798*
- DeNoyer, L.K. Observations of negative velocity hydrogen in IC 443 8-54016
- DeNoyer, L.K. *see Webber, J.C. 8-89268*
- Densley, J.R. *see Bacquet, G. 8-60393*
- Denson, K.B. *see Matthews, D.E. 8-58087*
- Dentai, A.G. *see Abbott, S.M. 8-55390*
- Dente, G.C. $\hbar \rightarrow 0$ limit of quantum electro-dynamics 8-74191
- Dentler, F.-U. The effect of rainfall on measurements of mean wind speed with cup anemometers in the surface layer at sea 8-61485
- Denton, J.C. On the internal partition functions for the diatomic molecules N₂, O₂, NO, and their ions. I. Symmetry and spin considerations 8-55159
- Denton, J.C. Electrostatic contribution to the thermodynamic properties of air 8-55710
- Denton, M.B. *see Windsor, D.L. 8-76936*
- Denus, S., Fortunska, W., Kulicki, K., Muniak, W., Nagraba, S., Wolowski, J., Wronska, U. Preparation of compressed-D₂-filled glass microspheres for multibeam laser-target experiments 8-82509
- Denus, S., Kaliski, S., Kaspercuk, A., Kowalski, S., Pokora, L., Sadowski, M., Wereszczynski, Z. Application of multiframe laser interferometry to the study of plasma dynamics in a plasma-focus device 8-83614
- Denus, S., Kaspercuk, A., Paduch, M., Pokora, L., Wereszczynski, Z. Multi-frame interferometric setup for studying quick-change processes 8-83615
- Deo, B.B. *see Mahanty, J. 8-90139*
- Deo, S.R. *see Gupta, S.K. 8-94964*
- Deordiev, G.I., Biktashev, T.Kh. Magnetostriction method of measuring the stresses in components of metallic structures 8-72985
- D'ep Nguen Van *see Nguen Van D'ep*
- Depannemaeker, J.C. *see Monnanteuil, N. 8-82718*
- Depautex, C., Lavollee, M., Jezequel, G., Lemonnier, J.-C., Thomas, J. Normal incidence monochromator for synchrotron radiation 8-62236
- Depautex, C., Thiry, P., Pinchaux, R., Petroff, Y., Lepere, D., Passereau, G., Flamand, J. A new design for high flux grazing incidence monochromator for synchrotron radiation 8-62271
- Depautex, C. *see Lemonnier, M. 8-62272*
- Deperasinska, I., Prochorow, J., Sobolewski, A. On the role of intramolecular vibrations in the nonradiative decay of excited charge-transfer states of molecular complexes 8-82765
- Depine, R., Simon, J.M., Simon, M.C. Diffraction grating anomalies: an experimental study of phase shifts and resonances 8-94446
- Depireux, J. *see Darville, J. 8-84384*
- Depmeier, W., Heger, G. Structure of β -bis(ethylammonium) tetrachloromanganate(II): a neutron refinement 8-55858
- Depooter, K., Brundrett, E., Strong, A.B. The calibration of Preston tubes in transpired turbulent boundary layers 8-79397
- Deportes, J., Kehe, B., Givord, D. Magnetic properties and structures of RZn₁₂ compounds 8-84393
- Deprez, J., Rialland, J.F., Perron, J.C. Influence of thallium on the viscosity of liquid selenium 8-51717
- DePristo, A.E., Rabitz, H. Generalised effective Hamiltonians: time scale separation within a semiclassical formalism 8-65800
- DePristo, A.E., Rabitz, H. Direct inversion of pressure-broadened half-widths to yield rotationally inelastic rate constants 8-74745
- DePristo, A.E., Rabitz, H. On the use of various scaling theories in the deconvolution of rotational relaxation data: application to pressure-broadened linewidth measurements 8-82823
- Deprit, A. *see Alfried, K.T. 8-53801*
- Deprun, C. *see Cabot, C. 8-70563*
- Deptsova, L.A. *see Antuf'eva, R.N. 8-59220*
- Deputy, G.O., Vest, R.W. Defect structure and electrical properties of KTaO₃ 8-91695
- Depuyeva, A.Kh., Rudina, M.P., Starovatov, A.A. Results of airborne ionospheric soundings over Kazakhstan 8-69579
- Der, R., Haberlandt, R., Czerwon, H.-J. Quantum statistical theory of chemical reactions. II. Treatment of reactions in dense systems—the chemical version of the Enskog dense-gas theory 8-73016
- der Avoird, A. *van see van der Avoird, A.*
- Der Avoird, A. *Van see Van Der Avoird, A.*
- der Berg, F. *van see van der Berg, F.*
- der Biest, O.O. *Van see Van der Biest, O.O.*
- der Bilt, A. *van see van der Bilt, A.*
- der Bom, J. *van see van der Bom, J.*
- der Boog, A.G.M. *van see van der Boog, A.G.M.*
- der Borgh, R. *van see van der Borgh, R.*
- der Broek, J.J. *van see van der Broek, J.J.*
- der Burgt, C.M. *van see van der Burgt, C.M.*
- der Eerden, J.P. *van see van der Eerden, J.P.*
- der Elksen, J. *van see van der Elksen, J.*
- Der Elksen, J. *Van see Van Der Elksen, J.*
- der Giessen, J. *Van see Van Der Giessen, J.*
- der Gon, J.J. *Denier Van see Denier Van der Gon, J.J.*
- der Ha, J.C. *Van see Van der Ha, J.C.*
- der Heide, K. *von see von der Heide, K.*
- der Heiden, U. *an see an der Heiden, U.*
- der Heijden, A.M.J. *van see van der Heijden, A.M.J.*
- der Heyde, P. *von see von der Heyde, P.*
- der Hucht, K.A. *van see van der Hucht, K.A.*
- Der Kam, P.M.A. *Van see Van Der Kam, P.M.A.*
- der Kelen, G.P. *Van see Van der Kelen, G.P.*
- der Klein, C.A.M. *Van see Van der Klein, C.A.M.*

- der Kraan, A.M. *van see* van der Kraan, A.M.
 der Laan, C.J. *van see* van der Laan, C.J.
 der Laan, H. *van see* van der Laan, H.
 der Laan, J.E. *van see* van der Laan, J.E.
 der Leeden, G.A. *van see* van der Leeden, G.A.
 der Leeden, G.A. *Van see* Van Der Leeden, G.A.
 der Leij, M. *Van see* Van der Leij, M.
 der Leun, C. *Van see* Van Der Leun, C.
 der Linde, D. *von see* von der Linde, D.
 der Linde, J. *Van see* Van Der Linde, J.
 der Linde, R.H. *van see* van der Linde, R.H.
 der Linden, Th. *van see* van der Linden, Th.
 der Linden, Th.J. *van see* van der Linden, Th.J.
 der Linden, W.E. *Van see* Van Der Linden, W.E.
 der Linden, W.H. *Van see* Van der Linden, W.H.
 der Mark, W. *van see* van der Mark, W.
 der Mateosian, E. *see* Kistner, O.C. 8-70429
 Der Meer, H.C. *Van see* Van Der Meer, H.C.
 der Meer, S. *van see* van der Meer, S.
 der Meij, J.A.M. *van see* van der Meij, J.A.M.
 der Merwe, A.J. *van see* van der Merwe, A.J.
 der Merwe, J.P. *van see* van der Merwe, J.P.
 Der Merwe, P.Du.T. *Van see* Van Der Merwe, P.Du.T.
 der Merwe, P. du T. *van see* van der Merwe, P. du T.
 Der Mey, G.P. *Van see* Van Der Mey, G.P.
 der Molen, S.B. *van see* van der Molen, S.B.
 der Mullen, J.J.A.M. *van see* van der Mullen, J.J.A.M.
 der Ohe, W. *Von see* Von der Ohe, W.
 der Osten, W. *von see* von der Osten, W.
 der Peijl, G.J.Q. *Van see* Van Der Peijl, G.J.Q.
 der Raay, H.B. *van see* van der Raay, H.B.
 der Rest, J. *van see* van der Rest, J.
 Der Scheer, A. *Van see* Van Der Scheer, A.
 der Schmitt, H. *von see* von der Schmitt, H.
 der Sijde, B. *van see* van der Sijde, B.
 Der Sijde, B. *Van see* Van Der Sijde, B.
 der Sluijs, J.C.A. *van see* van der Sluijs, J.C.A.
 der Sluijs, M.J. *van see* van der Sluijs, M.J.
 der Steen, C. *van see* van der Steen, C.
 der Straten, P.J.M. *van see* van der Straten, P.J.M.
 der Touw, F. *Van see* Van der Touw, F.
 der Vaart, J.C. *van see* van der Vaart, J.C.
 Der Valk, H.J.L. *Van see* Van Der Valk, H.J.L.
 der Veen, J. *van see* van der Veen, J.
 der Velde, M. *van see* van der Velde, M.
 Der Velde-Wilquet, C. *Van see* Van Der Velde-Wilquet, C.
 der Vleuten, W.C. *van see* van der Vleuten, W.C.
 Der Waals, J.H. *Van see* Van Der Waals, J.H.
 Der Waerden, B.L. *Van see* Van Der Waerden, B.L.
 Der Wal, R.J. *Van see* Van Der Wal, R.J.
 Der Wal, W.J.J. *Van see* Van Der Wal, W.J.J.
 der Weg, W.F. *van see* van der Weg, W.F.
 der Weid, J.P. *von see* von der Weid, J.P.
 Der Werf, S.Y. *Van see* Van Der Werf, S.Y.
 der Westhuizen, P. *van see* van der Westhuizen, P.
 Der Wey, R. *Van see* Van Der Wey, R.
 der Wiel, M. *van see* van der Wiel, M.
 der Wiel, M.J. *Van see* Van der Wiel, M.J.
 Der Woude, F. *Van see* Van Der Woude, F.
 der Ziel, A. *van see* van der Ziel, A.
 Der Ziel, A. *Van see* Van Der Ziel, A.
 der Ziel, J.P. *Van see* Van der Ziel, J.P.
 der Zwan, G. *van see* van der Zwan, G.
 Der Zwan, L. *Van see* Van Der Zwan, L.
 Der-Ruenn Su *see* Chong-Der Hu 8-56127
 deRaad, B. *see* Appel, E. 8-58513
 Derbenev, Y.S., Skrinksky, A.N. The effect of an accompanying magnetic field on electron cooling 8-82557
 Derbenev, Ya.S., Dikansky, N.S., Pestrikov, D.V. Stability of a bunched beam interacting with a matched line 8-50424
 Derbenev, Ya.S., Kheifets, S.A. Derivation of kinetic equation for model system with discrete spectrum without the hypothesis of correlation damping 8-70050
 Derbenev, Ya.S., Skrinkskii, A.N. The effects of magnetization on electron cooling 8-70219
 Derbes, D. Poor man's gravity 8-70026
 Derbes, D. The Higgs mechanism in (1+1) supergravity 8-74199
 Derbez, G. *see* Petrakian, J.P. 8-76112
 Derblom, H. *see* Kolawole, L.B. 8-85761
 Derby, J.H. Analysis and representation of composite signals by cepstral inverse filtering 8-69243
 Derebchinskii, A.I., Zubalov, A.A., Konovvalov, O.G., Nazirov, V.R., Tenishev, A.E., Tonapetyan, S.G. Proton polarisation in the $\gamma p \rightarrow \pi^+ p$ at an angle of $\theta_{\pi^+} = 100^\circ$ in c.m. system at the second πN -resonance 8-78192
 Derebchinskii, A.I. *see* Gorbenko, V.G. 8-54637
 Derebchinskii, A.I. *see* Zybalo, A.A. 8-78191
 Derecha, V. *Ya. see* Zapunnyi, A.I. 8-72974, 8-76816
 Deregowski, S.M. Self-matching deconvolution in the frequency domain 8-69477
 Derejczyk, E. *see* Slebarski, A. 8-95440
 Derendyaev, B.G. *see* Koptug, V.A. 8-88624
 Derenleau, D.A., Ross, J.B.A., Rousslang, K.W., Kwiram, A.L. Conformations of polypeptide hormones by optically detected magnetic resonance and a Zimm-Bragg analysis of helical folding in glucagon 8-76356
 Derentowicz, H., Kaliski, S., Wolski, J., Ziolkowski, Z. Generation of thermonuclear fusion neutrons by means of a pure explosion. II. Experimental results 8-54869
 Derentowicz, H., Kaliski, S., Ziolkowski, Z. Generation of fusion neutrons in a deuterium filled cone by means of explosive implosion of polyethylene shell. I. Theoretical estimations 8-82510
 Derentowicz, H. *see* Bagrowski, J. 8-51331
 Derenzo, S.E. *see* Budinger, T.F. 8-77105
 Deresiewicz, H. On the indentation of a consolidating half-space. II. Effect of Poisson's ratio 8-83340
 Derevyanko, A.I. *see* Mank, V.V. 8-76979
 Derfel, G. *see* Lipinski, A. 8-51413
 Dergachev, V.A. The intensity of cosmic rays in the past 8-61691
 Dergachev, V.A., Kocharov, G.E. The concentration of radioactive carbon in the Earth's atmosphere, and astrophysical and geophysical phenomena 8-61477
 Dergachev, V.A., Tuichiev, N. Mutual spectral analysis of data on ^{14}C concentration and geomagnetic-field intensity 8-61478
 Dergachev, V.A. *see* Akhmetkhereev, S.Kh. 8-61692
 Dergacheva, V.G. *see* Abramchuk, G.A. 8-57980
 Dergai, A.M., Korotov, V.F., Gol'tsev, V.P., Kopets, Z.V., Fedushin, E.E. Role of radiative-thermal ageing in intergranular oxidation of Cr-Ni steels in a N_2O_4 medium 8-58357
 Dergunova, N.V., Sakhenko, V.P., Fesenko, E.G. Calculation of the crystal lattice parameters of solid solutions of oxides with the perovskite structure 8-95041
 Dergunova, V.S. *see* Kilin, V.S. 8-60857
 Derighetti, B. *see* Hafner, S. 8-56405
 Derikum, K. *see* Alexander, G. 8-74251, 8-89766
 Derikum, K. *see* Berger, Ch. 8-62414, 8-89725
 Deriu, A. *see* Asti, G. 8-52232, 8-52256
 Derkach, V.N. *see* Mikhailenko, S.A. 8-75736
 Derkach, V.N. *see* Vertii, O.O. 8-90344
 Derkachenko, V.N. *see* Vitebskii, I.M. 8-88119
 Derksen, W. Signal processing devices for the SEM 8-78040
 Dermanchuk, E.P. *see* Ukshe, E.A. 8-59975
 Dermanis, A., Mueller, I.I. Earth rotation and network geometry optimization for very long baseline interferometers 8-92996
 Dermawan, H. *see* Berger, Ch. 8-78586
 Dermendzhiev, V.N. *see* Nikolov, N.S. 8-96442
 Dermott, C.Mc *see* Mc Dermott, C.
 Dermott, S.F., Gold, T. On the origin of the Oort cloud 8-57502
 Dermott, S.F. (editor) The origin of the solar system 8-85865
 Dernier, P.D. *see* Cho, A.Y. 8-72257
 Dernier, P.D. *see* McWhan, D.B. 8-71725
 DeRosa, F. *see* Allen, S.J., Jr. 8-72512
 DeRouen, T.A. *see* Trobaugh, G.B. 8-85361
 Derrett, C.J., Brown, C. A continuous-running direct-reading sulphur dioxide recorder 8-53743
 Derrick, G.H. *see* McKenzie, D.R. 8-72126
 Derrick, M., Gregory, P., Hyman, L.G., Jaeger, K., Lissauer, D., Miller, R.J., Musgrave, B., Phelan, J.J., Schreiner, P., Singer, R., Barish, S.J., Engler, A., Keyes, G., Kraemer, R.W., Kikuchi, T., Barnes, V.E., Carmony, D.D., Garfinkel, A.F., Laasanen, A. Strength of the antineutrino-proton neutral-current interaction 8-82197
 Derrick, M. *see* Engler, A. 8-93875
 Derrick, P.J. *see* Darcy, M.G. 8-74092
 Derrickson, J.H. *see* Fishman, G.J. 8-93465
 Derrida, B. *see* Bouligand, Y. 8-79523
 Derrien, J., Le Lay, G., Salvan, F. Electronic and crystallographic structures of silver adsorbed on silicon (111) [Schottky barrier formation] 8-84091
 Derry, G., Wesner, D., Krishnaswamy, S.V., Frankl, D.R. Selective adsorption of ^3He and ^4He on clean surfaces of NaF and LiF 8-63935
 Derry, G. *see* Frankl, D.R. 8-72667
 Derski, W. Equations of motion for a fluid-saturated porous solid 8-79208
 Deruytter, A. *see* van Guyse, J. 8-87722
 Deruytter, A.J. *see* De Frenne, D. 8-86513
 Deruytter, A.J. *see* D'Hondt, P. 8-78425
 Deruyttere, A. *see* Delaev, L. 8-76744
 Dervin, J. *see* Voliotis, S. 8-95032
 Derwael-Barchy, C. *see* Brohet, C.R. 8-85437
 Derwael-Barchy, C. *see* Fesler, R. 8-85427
 Deryabin, A.V., Pislal', I.G. Anomalous variation in the magnetisation of iron-nickel-chromium alloys near the Curie point 8-60310
 Deryagin, A.V., Andreev, A.V., Reimer, V.A. Magnetic properties and spin-reorientation phase transitions in $\text{Nd}_{1-x}\text{U}_x\text{Co}_2$ intermetallic compounds 8-60284
 Deryagin, A.V., Kudrevatykh, N.V., Moskalev, V.N. Concentration and temperature dependence of the anisotropy constants of quasi-binary compounds $\text{Sm}_2(\text{Co}_{1-x}\text{Me}_x)_{17}$ 8-64202
 Deryagin, A.V. *see* Kudrevatykh, N.V. 8-76238
 Deryagin, B.V., Starov, V.M. Capillary interaction between solid bodies 8-51792
 Deryagin, B.V. *see* Rulev, N.N. 8-53261
 Deryugin, V.N. *see* Bryskina, I.V. 8-70097
 Deryugin, I.A., Abdullaev, S.S., Mirzaev, Ag.T. Coherence of the electromagnetic field in dielectric waveguides 8-59145
 Deryugin, L.N., Kolbin, I.I., Cheremiskin, I.V. Signal suppression in a distributed optically-excited laser by superluminescence radiation 8-87091
 Deryugin, L.N. *see* Anikin, V.I. 8-71221
 Deryugin, L.N. *see* Gudzenko, A.I. 8-74995
 Derzhanski, A.G., Petrov, A.G., Mitov, M.D. Molecular asymmetry and saddle-splay elasticity in lipid bilayers 8-92594
 Derzhanski, A. *see* Petrov, A.G. 8-92600
 Derzhiev, V.I., Filyukov, A.A., Zakharov, V.Ju. Multicomponent plasma expansion in vacuum 8-75393
 Des Cloizeaux, J. Diffusion and relaxation time of polymers in dilute solutions 8-55964
 Desai, C.C., Sangwal, K., John, V. Etching behaviour of calcium fluoride crystals in hydrochloric acid vapour 8-59812
 Desai, R.C. *see* Jhon, M.S. 8-63900, 8-75158
 Desaintfusien, M. *see* Busca, G. 8-58972
 Desaintfusien, M. *see* Petit, P. 8-58970
 Desalos-Andarelli, G. *see* Maugis, D. 8-64706
 Desayi, P., Kulkarni, A.B. Effect of membrane action on the plastic collapse load of circular orthotropic slabs with fixed edges 8-79225
 Descalux, J.P. *see* Cheng, K.T. 8-66471
 Desch, M.D., Carr, T.D. Modulation of the Jovian emission below 8 MHz 8-81581
 Deschamps, J. *see* Bosch, B. 8-69314
 Deschamps, R. *see* Heindl, R. 8-52306
 Deschamps, Y., Hourany, E., Kakigi, S., Reide, F., Yuasa, T. A study of a large plastic scintillation fast neutron detector 8-90022
 Deschamps, Y. *see* Kalifa, J. 8-78265
 Deschamps, Y. *see* Vergnes, M. 8-86532
 Deschanvres, A. *see* Michel, C. 8-51729
 Deschanvres, A. *see* Vicens, J. 8-56648
 Deschizeaux, M.N. *see* Collomb, A. 8-52214, 8-52222
 Desclaux, J.P., Freeman, A.J. Dirac-Fock studies of some electronic properties of actinides ion 8-60094
 Desclaux, J.P. *see* Mallow, J.V. 8-74805
 Desclaux, J.P. *see* von Egidy, T. 8-94339
 Deser, S., Kay, J.H. Three-loop counterterms for extended supergravity 8-65854
 Desesquelles, J. *see* Beguin-Renier, F. 8-78650
 Desesquelles, J. *see* Berry, H.G. 8-94210
 DesForges, C.D. Laser heat treatment 8-72939
 Desforges, C.D. *see* Wilson, F.G. 8-52720
 Desgardin, G., Robert, C., Raveau, B. The distribution of thallium in new structures with intersecting tunnels: $\text{Ti}_2\text{Nb}_2\text{TiO}_{18}$ and $\text{Ti}_2\text{Ta}_2\text{TiO}_{18}$ oxides 8-79586
 Deshevoi, A.S., Gasanov, L.S. Solid-state inductance of amorphous and compensated semiconductors 8-56138
 Deshmukh, H. *see* Turner, D.A. 8-73205
 Deshmukh, S.V. Electron temperature and density in RF discharge in dry air 8-51371
 Deshmukh, V.G.I. A comment on the Hall effect in phosphorus doped silicon 8-72176
 Deshpande, C.E., Pant, L.M., Sankarshana Murthy, M.N. Binary oxide systems, MnO-ZnO and MnO-CdO 8-95157
 Deshpande, D.A., Bagree, K.R., Patki, B.A., Kher, V.G. Electroluminescence in lead titanate single crystals 8-80422
 Deshpande, D.A. *see* Kher, V.G. 8-64313
 Deshpande, M.R. *see* Dhar, B. 8-61599
 Deshpande, M.R. *see* Rastogi, R.G. 8-57393
 Deshpande, N.G., Kielanowski, P. A note on quantization of Weinberg-Salam unified field theory 8-89646
 Deshpande, N.G., Soper, D.E. Is the up-quark mass zero? 8-82144
 Deshpande, P.D., Kulkarni, D.K., Deshpande, V.V. Crystal structure of MgTaCuO_4 8-83790
 Deshpande, V.V. *see* Deshpande, P.D. 8-83790
 Desilets, B.H. Mechanism of cavity formation in unfired ceramic by electron-beam machining 8-80660
 Desilets, C.S., Fraser, J.D., Kino, G.S. The design of efficient broad-band piezoelectric transducers 8-51029
 DeSilva, A.W. *see* Chiang, T.T. 8-59655, 8-67412

- Desjonqueres, M.C.**, Cyrot-Lackmann, F. Surface resonant states and the adsorption of 4d atoms on Mo (110) and (100) 8-71982
- Deslattes, R.D.**, Lavilla, R.E., Henins, A. Double monochromator systems for the study of multiple vacancy processes 8-62280
- Desmaison, J.** see Lefort, P. 8-85199
- DesMarais, D.J.** see Kerridge, J.F. 8-65515
- Desmet, A.**, Lapiere, H., Rocci, G., Cagny, C., Parrot, J.-F., Delaloye, M. Constitutions and significance of the Troodos sheeted complex 8-61365
- Desnoyers, C.** see Pinet, M. 8-95566
- Desnoyers, J.E.** see Roux, G. 8-83937
- Desogus, S.** see Barbato, G. 8-88592
- Deson, J.** see Fournier, J. 8-73069
- Desopper, A.** see Cousteix, J. 8-75125
- Desoyer, J.C.** see Dinhut, J.F. 8-72829
- D'Espagnat, B.** On propositions and physical systems 8-54239
- Desplanques, B.**, Missimer, J. An analysis of parity violating nuclear effects at low energy 8-66218
- Despujols, J.** see Delaunay, G. 8-76531
- Desre, P.** see Coudurier, L. 8-51787
- Desre, P.** see Gambino, M. 8-79742
- Desre, P.** see Gandon, J. 8-76959
- Desre, P.** see Ixanov, B. 8-84029
- Desre, P.** see Martin-Garin, L. 8-59964
- Desrousseaux, G.** The effect of optical radiation on the growth and structure of very thin films formed by heterogeneous nucleation on amorphous or crystalline substrates 8-72045
- Dessler, A.J.** see Cloutier, P.A. 8-69738
- Dessus, B.**, Lesne, J.L., Napie, P. Optical velocity measurement by Doppler effect 8-75233
- DeStaeblér, H.** see Prescott, C.Y. 8-89719
- Destor, C.**, Langevin, D., Rondelez, F. Cross-over between semidilute and dilute solution behavior of flexible polymers as determined by ultraviolet spectrometry 8-80375
- Destrade, C.** Virtual nematic-isotropic transitions 8-51652
- Destruiel, P.** see Ai, B. 8-92020
- Desvergne, J.-P.** see Ramdas, S. 8-80724
- Desvignes, J.M.**, Le Gall, H. Flux growth of single magnetic sublattice antiferromagnetic garnets $\text{Ca}_3\text{Fe}_2\text{Ge}_2\text{O}_{12}$ and $\text{Ca}_3\text{Mn}_2\text{Ge}_2\text{O}_{12}$ 8-52652
- Desvignes, J.M.** see Torfhe, M. 8-66904
- Desyatkov, G.A.**, Engelsht, V.S., Gurovich, V.Ts. The analogy method at Elenbaas-Heller equation investigation 8-71584
- Desyatnik, V.N.**, Katsychev, S.F., Raspopin, S.P., Chervinskii, Yu.F. Density, surface tension, and viscosity of melts of uranium trichloride with rubidium and cesium chlorides 8-67764
- Detilleux, E.**, Eschrich, H. Gaining experience in decontamination and waste management at a shut-down reprocessing plant 8-66354
- Detinich, V.A.** see Alekseev, E.I. 8-49892
- Detoni, S.** see Angeloni, L. 8-60444
- Detorie, N.A.** see Deluca, P.M. 8-92698
- Detourbet, P.** see Bouef, A. 8-71643
- Detraz, C.** β -delayed particle emission from very neutron-rich light nuclei 8-74343
- Detraz, C.**, Guillemaud, D., Huber, G., Klapisch, R., Langevin, M., Naulin, F., Thibault, C., Carraz, L.C., Touchard, F. Decay of ^{48}K , ^{49}K and ^{50}K 8-74341
- Detraz, C.** see Naulin, F. 8-50078
- Detraz, R.S.**, Crough, S.T. Island subsidence, hot spots, and lithospheric thinning 8-53631
- Detrick, R.S.** see Purdy, G.M. 8-73335
- Detrie, P.** see Benarie, M. 8-81391
- Detsyura, K.Ya.** see Florov, V.K. 8-85072
- Dettenmaier, M.** Conformation of n-alkane molecules in the melt and in cyclohexane solution studied by small-angle neutron diffraction 8-55800
- Dettmann, D.C.**, Berg, W.D. Case study analysis of potential benefits from a wave forecasting service 8-77357
- Dettmann, F.** Properties of quantum interference devices with $\text{V-VO}_x\text{-Pb}$ tunnel junctions 8-91821
- Dettmann, K.** see Steinbeck, J. 8-79652
- Dettmann, R.** see Felske, D. 8-69570
- Detmer, K.**, Muller, H., Kessler, F.R. Surface influences of glass substrates—on lattice parameters and phase transition temperature of evaporated Ge thin films 8-94996
- Dettyarev, V.P.** Some methodological questions in the investigation of failure criteria in complex stressed states and complex loading 8-67089
- Detwiler, J.S.** Cardiac pacemakers [troubleshooting and checking performance] 8-69258
- Detwiler, P.B.**, Hodgkin, A.K., McNaughton, P.A. A surprising property of electrical spread in the network of rods in the turtle's retina 8-80874
- Deubner, F.L.** Velocity fields in the solar atmosphere: Observations 8-81601
- Deupree, R.G.** The effects of rotation and convection on double-mode and bump cepheids 8-93249
- Deurden, C.** Noise control—a statutory duty 8-87197
- Deurese, J.T.** see Van Camp, P.E. 8-51921
- Deurer, R.**, Forstner, U., Schmoll, G. Selective chemical extraction of carbonate-associated metals from recent lacustrine sediments 8-65406
- Deus, J.** Dias de see Dias de Deus, J.
- Deus, K.** see Pietzsch, C. 8-60560
- Deuser, W.G.**, Ross, E.H., Mlodzinska, Z.J. Evidence for and rate of denitrification in the Arabian Sea 8-85606
- Deutch, B.** Light-regulated body ion balance in marine slug *Elysia viridis* (Montagu) 8-73146
- Deutch, J.M.** see Boots, H.M.J. 8-93626
- Deutsch, C.** Higher order corrections to particle diffusion in strongly magnetized two-component plasmas 8-59556
- Deutsch, C.**, Gombert, M.M., Minoo, H. Classical modeling of symmetry effects in the dense high-temperature electron gas 8-65869
- Deutsch, C.** see Angelie, C. 8-90055, 8-90095
- Deutsch, C.** see Grandjovan, N. 8-55714
- Deutsch, D.** see Candela, P. 8-70313
- Deutsch, H.**, Pfau, S., Klagge, S. The radial distribution of metastable atoms in the positive column of a neon discharge in a longitudinal magnetic field 8-67496
- Deutsch, H.** see Behnke, J.F. 8-67495
- Deutsch, J.** see Argan, P. 8-82333
- Deutsch, J.P.** Search for second-class current 8-50127
- Deutsch, S.** see Jong, M.T. 8-64919
- Deutsch, T.F.** see Lussier, F.M. 8-95936
- Deutsch, V.**, Becker, E.A., Vogt, M. Important aspects of magnetic powder crack detection 8-60928
- Deutschein, O.**, Faulstich, M., Jahn, W., Krolla, G., Neuroth, N. Glasses with a large laser effect: Nd-phosphate and Nd-fluorophosphate 8-79021
- Deutscher, G.**, Entin-Wohlman, O. Critical fields of weakly coupled superconductors 8-52161
- Deutscher, G.** see Worthington, T. 8-84348
- Deutschmann, M.** see Bartke, J. 8-66169
- Deutschmann, M.** see Bosetti, P.C. 8-70357
- deV. Klein, G.**, Kobayashi, K., Chamley, H., Curtis, D.M., Dick, H.J.B., Echols, D.J., Fountain, D.M., Kinoshita, H., Marsh, N.G., Mizuno, A., Nisterenko, G.V., Okada, H., Sloan, J.R., Waples, D.M., White, S.M. Off-ridge volcanism and seafloor spreading in the Shikoku Basin 8-65256
- Devallette, M.** see Darriet, B. 8-95029
- Devallette, M.** see Latourrette, B. 8-80525
- Devall, R.A.** see Alterowitz, R. 8-81057
- Devaney, A.J.** Nonuniqueness in the inverse scattering problem 8-65820
- Devaney, J.J.**, Booth, L.A., Pendergrass, J.H., Frank, T.G. Environmental effects and potential hazards of laser fusion electric generating stations 8-50337
- Devaquet, A.**, Sevin, A., Bigot, B. Avoided crossings in excited states potential energy surfaces 8-76881
- Devaraj, N.** see Basavaraju, S.P. 8-74677
- Devaraj, N.** see Chandramani, R. 8-50560, 8-70851
- Devarajan, V.** see Korppi-Tommola, J. 8-80335
- Devare, H.G.**, de Waard, H., Niesen, L. The hyperfine magnetic field of ^{72}Yb in Fe and Ni 8-52394
- Devare, S.H.** see Bedi, S.C. 8-52392
- Devary, J.L.** see Lawrence, L.A. 8-86584
- Devasia, C.V.** see Reddy, C.A. 8-57392
- Devaure, J.** see Manouvrier, E. 8-80333
- Devaure, J.** see Perrot, M. 8-92084
- Devaux, B.** see Hansl, T. 8-74244, 8-89698, 8-89860
- Devaux, B.** see Holder, M. 8-55103
- Devaux, C.** see Siewert, C.E. 8-77483
- Devchenko, L.N.** see Andreev, Yu.G. 8-79565
- Devenish, R.** see Alexander, G. 8-74251, 8-89766
- Devenish, R.** see Berger, Ch. 8-62414, 8-89725
- Devere, T.K.** see Jones, D.P. 8-81000
- Devereux, M.J.** see Zeidman, B. 8-58308, 8-58309
- Deverin, J.-A.** The dielectric properties of $\text{PbBi}_2\text{Ti}_2\text{O}_{15}$ ceramics 8-95561
- Deverin, J.-A.** Dielectric and magnetoelectric properties of $\text{Bi}_2\text{Bi}_2\text{Fe}_2\text{Ti}_2\text{O}_{18}$ 8-95562
- Devey, G.B.**, Wells, N.T. Ultrasound in medical diagnosis 8-92682
- Devezas, T.C.** see de Biasi, R.S. 8-64227
- Devi, K.R.S.**, Strayer, M.R. Time-dependent Hartree-Fock calculations using separable three-dimensional wavefunctions 8-50111
- Devi, K.R.** Sandhya see Sandhya Devi, K.R.
- Devi, M.**, Barbara, A.K. Solar control on absorption at Gauhati 8-69591
- Devi, M.** see Tyagi, T.R. 8-69598
- Devi, P.** Rama see Rama Devi, P.
- Devi, R.K.** Sandhya see Sandhya Devi, R.K.
- Devi, V.M.**, Baldacci, A., Grangaard, J.G., Linden, L., Narahari Rao, K. ν_3 band of $^{13}\text{C}^{16}\text{O}_2$ 8-58693
- Devi, V.M.** see Baldacci, A. 8-58692, 8-86862
- Devillers, M.A.C.**, de Vroomen, A.R. de Haas-van Alphen effect in In_2Bi 8-91594
- Devine, R.A.B.**, Berthier, Y. The variation of $\langle r^4 \rangle$ and $\langle r^6 \rangle$ for 4f electrons across the rare-earth series 8-72122
- Devine, R.A.B.** see Berthier, Y. 8-52377, 8-80228, 8-84180
- Devine, R.A.B.** see Cornut, B. 8-80122
- Devine, S.D.** see Robinson, W.H. 8-68365
- Devins, D.W.** see Roos, P.G. 8-62535
- Devins, J.C.** see Sharbaugh, A.H. 8-84523
- Devir, A.D.** The determination of absolute Raman cross sections by indirect measurement of stimulated Raman gain 8-66864
- Devishev, M.I.**, Egorov, V.V., Savel'ev, V.N. Scintigraphic systems and their assessment by computer 8-57063
- Devismes, N.**, de Goer, A.M. Phonon scattering by V^{3+} ions in Al_2O_3 : Comparison between theory and experiment 8-95116
- Devitsyn, V.M.** On using gravitation logging data for finding density distribution 8-92999
- Devlin, G.** see Geschwind, S. 8-80342
- Devlin, G.E.** see Kummer, R.B. 8-52288
- Devlin, J.P.**, Rockley, M.G. Raman spectra in the electronic excited state: CARS spectra of lasing rhodamine 6G 8-74948
- Devlin, T.** see Bunce, G. 8-93878
- Devlin, T.** see Edwards, R.T. 8-82393
- Devlin, T.** see Heller, K. 8-82253
- DeVoe, J.R.** see Turk, G.C. 8-92528
- DeVoe, R.G.** see Tanenbaum, W. 8-66113
- Devoldere, P.** see Massies, J. 8-95361
- Devooght, J.** Spectrum of the multipoint-diffusion operator with delayed neutrons 8-74430
- DeVore, K.R.** Design of an eight-megawatt series regulator 8-70631
- DeVore, T.C.**, Van Zee, R.J., Weltner, W., Jr. High-spin molecules: ESR of MnF and MnF_2 at 4K 8-66565
- DeVore, T.C.** see Van Zee, R.J. 8-86890, 8-94264
- Devoret, M.** see Leach, S. 8-90200
- Devoret, M.** see Sullivan, N.S. 8-84027
- Devoto, A.** see Cung, Vu.K. 8-89642
- Devoto, R.S.**, Bauder, U.H., Cailleteau, J., Shires, E. Air transport coefficients from electric arc measurements 8-59709
- Devous, M.D.**, Sr., Sugihara, T.T. Negative-parity bands in the 88-neutron nuclei ^{159}Tb and ^{155}Ho 8-93937
- Devreese, J.T.**, De Sitter, J., Johnson, E.J., Ngai, K.L. New magneto-optical anomalies of impurity electrons in InSb at the two-LO-phonon region: Theory and experiment 8-72415
- Devreese, J.T.** see Brosens, F. 8-91628
- Devreese, J.T.** see Cornelis, J. 8-67784, 8-75621
- Devreese, J.T.** see Van Camp, P.E. 8-59894
- Devreux, F.**, Guglielmi, M., Nechtschein, M. Nuclear relaxation and spin dynamics in NMP TCNQ 8-52370
- Devreux, F.** see Avalos, J. 8-91974
- DeVries, J.L.** see Ashworth, T. 8-54379
- DeVries, P.L.**, George, T.F. Quantum-mechanical theory including angular momenta analysis of atom-atom collisions in a laser field 8-74733
- Devries, R.M.** see Satchler, G.R. 8-58295
- Devryataikin, E.V.** see Abramov, Yu.V. 8-78560
- Devryaterikov, R.P.**, Isaev-Ivanov, V.V., Ryzhov, V.A., Fomichev, V.N. Two-mode hybrid resonator for study of nonlinear effects 8-58001
- Devyatkov, M.N.**, Ovchinnikova, G.I. Determination of the threshold temperature sensitivity of an interelectrode gap with a virtual cathode 8-78890
- Devyatkova, L.L.**, Lozovskii, P.M., Mikhailin, V.V., Uvarova, T.V., Chernov, S.P., Shepelev, A.V., Essel'bakh, P.B. Vacuum ultraviolet luminescence of LaF_3 single crystals 8-64414
- Devyatov, A.M.**, Fazlaev, V.Kh., Mal'kov, M.A., Volkova, L.M. On mechanism of Ba and Sr ion formation in hollow cathode discharge 8-67527
- Devyatov, A.M.**, Kralkina, E.A., Kuralova, A.V., Volkova, L.M. The investigation of the radial cathaphoresis in a He-Na mixture 8-67507
- Devyatikh, G.G.** see Belov, A.V. 8-50936
- Devyatikh, G.G.** see Belovolov, M.I. 8-71224
- Dew-Hughes, D.**, Luhman, T.S. The thermodynamics of A15 compound formation by diffusion from ternary bronzes 8-84740
- Dew-Hughes, D.**, Moehlecke, S., Welch, D.O. Recovery of T₁ by annealing of irradiated A-15 compounds 8-52132
- Dew-Hughes, D.** see Luhman, T. 8-52705
- Dewan, B.N.** see Ghosh, S.K. 8-81333
- Dewangan, D.P.** see Bransden, B.H. 8-90301
- Dewar, M.J.S.**, McKee, M.L., Rzepa, H.S. MINDO parameters for third period elements 8-86786
- Dewar, M.J.S.**, Rzepa, H.S. Calculations of electron affinities using the MNDO semiempirical SCF-MO method 8-74578

- Dewar, M.J.S.**, Thiel, W. A semiempirical model for the two-center repulsion integrals in the NDDO approximation 8-78609
- Dewar, M.J.S.**, Weiner, P.K. A simplified extrapolation procedure for SCF calculations 8-82604
- Dewar, M.J.S.**, Yamaguchi, Y. Analytical first derivatives of the energy in MNDO 8-86763
- Dewar, M.J.S.** *see* Swanson, B.I. 8-74631
- Dewar, R.L.** Random phase wave: a soluble non-Markovian system 8-87450
- Dewar, R.L.** Hamilton's principle for a hydro-magnetic fluid with a free boundary 8-94905
- Dewel, G.** *see* Borckmans, P. 8-52286
- Dewel, G.** *see* Walgraef, D. 8-78989
- Dewey, W.C.** *see* Saparito, S.A. 8-65088
- Dewey, W.C.** *see* Tomasovic, S.P. 8-80843
- DeWinter, J.C.** *see* Campbell, J.C. 8-55439
- DeWinter, J.C.** *see* Pollack, M.A. 8-87881
- Dewit, M.** *see* Krenz, W. 8-54624
- deWit, R.** *see* Kossecka, E. 8-63764
- DeWitt, K.J.** *see* Labus, T.L. 8-94783
- DeWitt, R.A.** Coil design considerations and cost analysis for neutral beam magnets 8-55005
- Dexter, D.L.** *see* Delbecq, C.J. 8-88354
- Dexter, L.** *see* Feigelson, E. 8-53952
- Dexter, R.N.** *see* Cole, B.E. 8-58718
- Dey, J.**, Ansari, A. Particle-hole calculations in ^4He and ^{16}O with centre of mass subtracted kinetic energy 8-62491
- Dey, J.** *see* Kuppu Rao, V. 8-71337
- Dey, R.M.** Morphology of bainite 8-68682
- Dey, S.**, Addy, S.K. Reflection of plane waves under initial stresses at a free surface 8-55581
- Dey, S.**, Addy, S.K. Edge waves under biaxial initial stresses 8-79248
- DeYoung, R.J.** *see* Wilson, J.W. 8-58980, 8-58987
- DeZorzi, G.** *see* Baldini-Celio, R. 8-89724
- Dezzi, I.** *see* Langouche, G. 8-92005
- Dezzi, I.** *see* Volland, U. 8-83948
- D'Haeyer, R.** *see* Gouzou, J. 8-60720
- Dhalenne, G.**, Revcolevschi, A., Gervais, A. Growth of oriented bicrystal of NiO 8-92186
- Dhaliwal, R.** *see* Brij Mohan Singh 8-87300
- Dhaliwal, R.S.**, Singh, A. Two diametral cracks in a circular disc 8-79260
- Dhaliwal, R.S.**, Singh, B.M. On the theory of elasticity of a nonhomogeneous medium 8-86166
- Dhaliwal, R.S.**, Singh, B.M. Torsion by a circular die of a nonhomogeneous elastic layer bonded to a nonhomogeneous half-space 8-87263
- Dhaliwal, R.S.** *see* Dhawan, G.K. 8-51122
- Dhanendran, M.**, Hutton, W.C., Parker, Y. The distribution of force under the human foot—an on-line measuring system 8-96110
- Dhar, A.K.**, Nilsson, B.S. Axially symmetric time-dependent Hartree-Fock study of the $^{208}\text{Pb} + ^{208}\text{Pb}$ reaction 8-74398
- Dhar, B.**, Vagher, N.M., Deshpande, M.R. An equipment to measure Faraday rotation angle of VHF waves received from a geostationary satellite 8-61599
- Dhar, D.** Entropy and phase transitions in partially ordered sets 8-77808
- Dhar, M.** *see* Soedel, W. 8-83310
- Dhar, P.K.** *see* Irie, M. 8-87528
- Dhar, S.**, Nag, B.R. A pulse method for the measurement of contact resistance and bulk resistance of semiconductors samples 8-52083
- Dhara, M.** A note on the relativistic corrections to the multiparticle systems 8-74301
- Dhara, M.** *see* Ray Chaudhury, K.D. 8-76287
- Dharan, C.K.H.** Interlaminar shear fatigue of pultruded graphite fibre-polyester composites 8-56742
- Dharma-Wardana, M.W.C.** The theory of hydrogenic plasmas and fluids. The transverse dielectric function and the excitation spectrum of hydrogenic fluids 8-67311
- Dharmadurai, G.**, Ratnam, B.A. Critical current anomaly in superconducting proximity-effect bridges 8-76194
- Dharmadurai, G.**, Ratnam, B.A. A non-ohmic potential transverse to a long superconducting weak-link 8-76196
- Dhawan, A.** *see* Mansingh, A. 8-84242
- Dhawan, G.K.** The distribution of stress in a transversely isotropic medium with cylindrical cavity and external crack 8-79259
- Dhawan, G.K.**, Dhaliwal, R.S. On three coplanar cracks in an infinite transversely isotropic medium 8-51122
- Dheer, P.N.**, Kalra, S.B. Substrate-dependent excess electrical conductivity of superconducting films of tin above the transition temperature 8-84324
- d'Heurle, F.** *see* Baglin, J. 8-87828
- d'Heurle, F.** *see* Zirinsky, S. 8-76773
- Dhez, P.**, Jaegle, P., Wuilleumier, F.J., Kaline, E., Schmidt, V., Berland, M., Carillon, A. The LURE grazing incidence spectromonochromator: two years operating experience 8-62270
- Dhez, P.** *see* Cukier, M. 8-90134
- Dhindaw, B.K.** *see* Ganguly, R.I. 8-80669
- Dhir, V.K.** Study of transient transition boiling heat fluxes from spheres subjected to forced vertical flow 8-90994
- Dhir, V.K.**, Castle, J.N., Catton, I. Role of Taylor instability on sublimation of a horizontal slab of dry ice 8-90689
- Dhir, V.K.**, Purohit, G.P. Subcooled film-boiling heat transfer from spheres 8-51047
- Dhir, V.K.** *see* Chan, C.K. 8-94098
- Dhir, V.K.** *see* Kin Wah Wong 8-58371
- Dhir, V.K.** *see* Rhee, S.J. 8-71396
- D'Hondt, P.**, De Clercq, A., Deryuyter, A.J., Wagemans, C., Asghar, M., Emsallem, A. Study of α -particles produced in thermal neutron induced reactions on ^{235}U 8-78425
- D'hondt, P.** *see* De Frenne, D. 8-86513
- D'hondt, P.** *see* Emsallem, A. 8-66284
- Di Carlo, A.**, Pignataro, M., D'Asdia, P. A modified potential energy approach to post-buckling analysis of frames 8-83276
- Di Corato, M.** *see* Perneger, J. 8-50047
- Di Corcia, A.**, Giabbai, M. High-efficiency packed columns using fine particles of graphitized carbon black 8-92536
- Di Fonzo, D.F.** *see* Kreutel, R.W., Jr. 8-61712
- Di Forte, M.A.**, Papuchon, M., Puech, C. Tunable optically pumped GaAs-GaAlAs distributed-feedback lasers 8-82979
- Di Hong Ly** *see* Ly Di Hong
- Di Lauro, C.**, Lattanzi, F. The Zeeman effect in spin-allowed and forbidden doublet-doublet transitions in orthorhombic rotating molecules 8-74698
- di Lauro, C.**, Lattanzi, F., Lelj, F. Rotational selection rules for doublet-quartet transitions in asymmetric top molecules 8-94186
- di Lauro, C.**, Lattanzi, F., Lelj, F. The Zeeman effect in doublet-quartet transitions in orthorhombic rotating molecules 8-94280
- Di Leva, A.** *see* Balossino, N. 8-57117
- Di Lieto, A.** *see* Benedetti, R. 8-59056
- Di Mauro, C.** *see* Burrafato, G. 8-60250, 8-76171
- Di Mauro, G.** *see* Burrafato, G. 8-50546
- Di Paola, M.**, Bianchi, M., Baarli, J. Lens opacification in mice exposed to 14-MeV neutrons 8-65097
- Di Pasquantonio, F.** *see* Chiovato, O. 8-58323
- Di Piazza, L.** *see* Agraives, B.C. 8-92434
- Di Pietro, D.M.**, Meindl, J.D. Optimal system design for an implantable CW Doppler ultrasonic flowmeter 8-53460
- Di Pillo, G.** *see* Carotenuto, L. 8-69391
- Di Polo, R.** Ca pump driven by ATP in squid axons 8-77043
- Di Porto, P.** *see* Capasso, F. 8-66848
- di Quarto, F.**, Doblhofer, K., Gerischer, H. Instability of anodically formed TiO_2 layers 8-72916
- Di Russo, A.** *see* Codastefano, P. 8-54520
- Di Salvo, F.J.**, Waszczak, J.V. Transport properties and the phase transition in $\text{Ti}_{1-x}\text{M}_x\text{Se}_2$ ($\text{M}=\text{Ta}$ or V) 8-72149
- Di Salvo, F.J.** *see* Moncton, D.E. 8-79727
- Di Salvo, F.J.** *see* Traum, M.M. 8-56069
- Di Stefano, G.** *see* Nguyen Xuan, C. 8-78750
- Di Toro, M.** Subthreshold photofission yields for actinide nuclei 8-82400
- Di Toro, M.**, Lomnitz-Adler, J. Valence nucleons in self-consistent fields 8-78294
- Di Vecchia, P.** *see* D'Adda, A. 8-62334
- Di Vita, P.**, Rossi, U. Effects of a cladding of finite radius in multimode optical fibres 8-66893
- Di Vita, P.**, Rossi, U. Evaluation of coupling efficiency in joints between optical fibres 8-66894
- Di Vita, P.** *see* Brunetti, L. 8-50901, 8-83080
- Diaf, F.** *see* Roussel, P. 8-70684
- Diaie, C.**, Gisclon, J.L., Dupuy, J. Colloid centres in AgCl induced by heavy ion implantation 8-63780
- Dialetis, D.** Generation of coherent X rays by a relativistic charged particle travelling through a crystal 8-60531
- Dialetis, D.** Equivalence of the Ewald-Oseen extinction theorem as a nonlocal boundary-value problem with Maxwell's equations and boundary conditions 8-62974
- Diallo, B.**, Erjavec, M., Kernel, G., Pahor, S., Snajder, J. Digital images processing and presentation in medical scintigraphy 8-80947
- Diamandescu, L.** *see* Barb, D. 8-60368
- Diamant, J.** *see* Akovali, G. 8-52919
- Diamant-Berger, A.** *see* Bacino, W. 8-70351
- Diamant-Berger, A.** *see* Barish, B. 8-89750
- Diamond, R.M.** *see* Delaplanche, M.A. 8-93963
- Diamond, R.M.** *see* Gizon, A. 8-70438
- Diamond, R.M.** *see* Hubel, H. 8-89822
- Diamond, R.N.** *see* Bell, J. 8-54625, 8-93872, 8-93873
- Diamond, S.S.** *see* Alderson, P.O. 8-65113
- Dian, G.**, Huguet, J., Caulet, C. Differential pulse chronoamperometry 8-73111
- Diana, M.** *see* Mazzone, G. 8-71706
- Dianoux, A.J.** *see* Volino, F. 8-83726
- Dianoux, A.-J.**, Volino, F. Orientational order in biaxial smectic TBBA 8-91225
- Dianoux, A.-J.** *see* Volino, F. 8-91224
- Dianov, D.B.** *see* Alekseev, B.N. 8-90620
- Dianov, E.M.** *see* Belov, A.V. 8-50936, 8-71226
- Dianov, E.M.** *see* Belovolov, M.I. 8-71224
- Dianov, V.F.** Reproducibility of ultrasonic inspection results on the welded joints of tubes in boiler surfaces 8-60948
- Dianov-Klokov, V.I.**, Fokeeva, E.V., Yurganov, L.N. The investigation of the abundance of atmospheric carbon monoxide 8-53700
- Dianov-Klokov, V.I.**, Ivanov, V.M. On the attenuation of radiation in 8-13 μm by atmospheric water vapour for various meteorological conditions 8-88915
- Diard, J.-P.**, Hecker, C., Le Gorrec, B., Montella, C. A study of electrochemical reactions with zone diagrams and sensitivity functions of parameters 8-88638
- Dias, H.** *see* Szanto de Toledo, A. 8-70423
- Dias, L.A.** *see* Vieira *see* Vieira Dias, L.A.
- Dias de Deus, J.** Light-quark and heavy-quark fragmentation functions 8-74221
- Diatschenko, V.** *see* Chu, C.W. 8-80086
- Diatta, C.S.**, Czernichowski, A., Holys, A. Experimental study of some characteristic parameters of the He I spectral line profiles $\lambda\lambda=4471 \text{ \AA}$ and 4922 \AA emitted in various plasma arcs 8-83625
- Diaz, A.V.** *see* Rushneck, D.R. 8-77460
- Diaz, E.S.** *see* Lange, F.F. 8-92418
- Diaz, J.** *see* Dionisi, C. 8-89735
- Diaz, J.** *see* Gavillet, P. 8-70409
- Diaz, J.** *see* Nacasch, R. 8-54646
- Diaz, J.** *see* Teodoro, D. 8-89767
- Dib, J.** *see* Bacquet, G. 8-60393
- DiBattista, J.D.** *see* Clark, L.G. 8-85826
- DiBenedetto, A.T.**, Scola, D.A. Characterization of S-glass/polymer interfaces using ion scattering spectroscopy and scattered ion mass spectroscopy 8-60641
- DiBenedetto, A.T.** *see* Miltz, J. 8-68832, 8-84970
- Dibianca, F.A.** *see* Bell, J. 8-54625, 8-93872, 8-93873
- DiBitonto, D.** *see* Baum, L. 8-89758
- DiCarlo, E.N.**, Zurbach, E.P. Interpretation of the microwave dielectric relaxation of iron pentacarbonyl in terms of the molecule's fluxional nature 8-94235
- Dicello, J.F.** *see* Amols, H.I. 8-53508
- Dicello, J.F.** *see* Raju, M.R. 8-85379
- Dichenko, A.B.**, Nikolaev, V.V., Tankeev, A.P. Local variation in magnetic anisotropy constants due to linear defects 8-68214
- Dick, C.E.**, Motz, J.W. New method for the experimental evaluation of X-ray grids 8-53485
- Dick, C.E.** *see* Bowman, C.D. 8-66323
- Dick, G.** *see* Berger, C.H. 8-62412
- Dick, H.** *see* Slater, J.G. 8-53639
- Dick, H.J.B.** *see* dev. Klein, G. 8-65256
- Dick, J.J.**, Vorthman, J.E. Effect of electrical state on mechanical and electrical response of a ferroelectric ceramic PZT 95/5 to impact loading 8-64317
- Dick, K.A.** The auroral 2150 \AA feature: a contribution from lines of singly ionized atomic nitrogen 8-61645
- Dick, R.**, Fraser, A., Lossing, F., Welch, D. An inexpensive photometer for amateur astronomy 8-65502
- Dick, T.R.** A new concept in tungsten carbide sintering 8-84737
- Dicke, R.** *see* Buttgenbach, S. 8-55133, 8-66214
- Dicke, R.H.** Operator algebra and the stationary states of stellar magnetic fields 8-73698
- Dickel, H.R.**, Wendker, H.J. The Cygnus X region. XI. Map of visual extinction A_V 8-61929
- Dickel, H.R.** *see* Dickel, J.R. 8-89232
- Dickel, J.R.**, Dickel, H.R., Wilson, W.J. The detailed structure of CO in molecular cloud complexes. II. The W75-DR 21 region 8-89232
- Dickel, J.R.**, Rood, H.J. Integrated masses of galaxies 8-93398
- Dickens, M.H.** Lattice dynamics of lead fluoride 8-79697
- Dickens, M.H.**, Hutchings, M.T., Kjems, J., Lechner, R.E. Quasielastic neutron scattering by superionic strontium chloride 8-79504
- Dickens, P.G.** *see* Birtill, J.J. 8-76639
- Dicker, A.I.M.** *see* Botter, B.J. 8-76357
- Dicker, A.I.M.** *see* Verbeek, P.J.F. 8-76294
- Dickerman, C.E.**, Robinson, L.E. Response of Th-U sodium-bonded metal fuel under severe transient heating to failure 8-86607
- Dickerson, M.H.** MASCON—a mass consistent atmospheric flux model for regions with complex terrain 8-92964
- Dickertmann, D.** *see* Shultz, J.W. 8-79873
- Dickey, F.M.**, Harder, T.M. Shearing plate optical alignment 8-79126
- Dickey, J.** *see* Wilson, T.L. 8-85996

- Dickey, J.M.**, Terzian, Y., Salpeter, E.E. Galactic neutral hydrogen emission-absorption observations from Arecibo 8-57610
- Dickey, J.W.**, Uberall, H. Surface wave resonances in sound scattering from elastic cylinders 8-50967
- Dickey, P.A.**, Bussolotti, J.E., Adelberger, E.G. Isospin-forbidden β -decay of ^{28}Mg 8-78315
- Dickey, T.D.** A note on the effect of zonal boundaries on equatorial waves 8-85586
- Dickinson, A.S.**, Seo Lee, M. The mobility of protons in helium 8-66629
- Dickinson, D.F.** Cosmic masers 8-89242
- Dickinson, D.F.** see Snyder, L.E. 8-93256
- Dickinson, E.** Effect of attractive forces on monolayer permeation and evaporation resistance 8-67892
- Dickinson, E.** Equations of state of polydisperse hard-disc and hard-sphere systems 8-73947
- Dickinson, J.** see Cheng, H. 8-62341
- Dickinson, J.** see Hung Cheng 8-66063
- Dickinson, J.M.** see Eaton, E.E. 8-66388
- Dickinson, J.M.** see Hansborough, L.D. 8-55006
- Dickinson, J.T.**, Braunlich, P.F., Larson, L.A., Marceau, A. Characteristic emission of negatively charged particles during tensile deformation of oxide-covered aluminum alloys 8-92179
- Dickinson, J.T.** see Thomas, M. 8-71960
- Dickinson, P.** Conduction systems controlling expansion-contraction behavior in the sea pen *Ptilosarcus gurneyi* 8-53387
- Dickinson, P.H.G.**, Bennett, F.D.G. Diurnal variations in the D-region during a storm after-effect 8-65451
- Dickinson, R.**, Kirby, G.W., Sweeny, J.G., Kelvin Tyler, J. Study of nitrosyl cyanide by microwave spectroscopy 8-94238
- Dickinson, R.E.** Rossby waves—long-period oscillations of oceans and atmospheres 8-61435
- Dickinson, S.M.** see Bassily, S.F. 8-59297
- Dickinson, T.** see Ansell, R.O. 8-64899
- Dickinson, W.R.** see Graham, S.A. 8-53641
- Dickman, M.**, Artuz, I. Mass mortality of photo-synthetic bacteria as a mechanism for dark lamina formation in sediments of the Black Sea 8-88815
- Dickman, R.L.** Star counts and visual extinctions in dark nebulae 8-57612
- Dickman, R.L.** The ratio of carbon monoxide to molecular hydrogen in interstellar dark clouds 8-96513
- Dickson, D.P.E.** see Gupta, G.P. 8-95533
- Dickson, F.W.** see Sakai, H. 8-62937
- Dickson, J.** Ultrasonic tests on friction materials 8-60931
- Dickson, J.H.**, Stewart, D.A., Thompson, R., Turner, G., Baxter, M.S., Drndarsky, N.D., Rose, J. Palynology, paleomagnetism and radiometric dating of Flandrian marine and freshwater sediments of Loch Lomond 8-81234
- Dickson, K.L.** see Almeida, S.P. 8-69261
- Dickson, K.L.** see Cairns, J., Jr. 8-53604
- Dickson, W.L.** see Strong, D.F. 8-57201
- Dicus, D.A.**, Kolb, E.W., Teplitz, V.L., Wagoner, R.V. Limits from primordial nucleosynthesis on the properties of massive neutral leptons 8-57438
- Dideikin, T.S.** see Shishin, B.P. 8-86574
- Didelez, J.P.** see Duhamel, G. 8-93928
- Didelez, J.P.** see Lieder, R.M. 8-82283
- Didelez, J.-P.** see Djaloic, A. 8-94020
- Didenko, L.A.** see Shchegavelev, O.S. 8-88287
- Didenko, O.I.** see Shvets, Yu.I. 8-83398
- Didenko, V.P.** see Lyashko, I.I. 8-54153
- Didik, V.A.**, Malkovich, R.Sh. Attempt to discover penetration of gold into silicon under the action of neutron irradiation 8-59984
- Didkovskiy, A.B.** see Bologa, M.K. 8-55551
- DiDomenico, M., Jr.** see Karr, M.A. 8-79105
- Didukh, V.D.** On charge ordering in a narrow, partially filled s-band 8-76015
- Didwall, E.M.** see McClellan, G. 8-81745
- Diebold, A.**, Grillo, A.C., Noblet, M.M. Tridimensional characterization of solid surfaces by SIMS analysis 8-73110
- Diebold, G.J.** see Santoro, R.J. 8-90267
- Diebold, R.** see Kramer, S.L. 8-66158
- Diebold, R.** see Wicklund, A.B. 8-58200
- Diegler, R.B.**, Hassler, C.R. Measurement of electrochemical reactions at the anodized tantalum electrode [bone healing application] 8-95931
- Diehl, H.W.**, Biem, W. CPA and generalization for anharmonic systems 8-75783
- Diehl, J.F.** see Shive, P.N. 8-65277
- Diehl, P.**, Kunwar, A.C., Zimmermann, H. ^1H , ^{115}Sn , ^{117}Sn , and ^{119}Sn NMR studies on tetramethyltin in nematic and isotropic phases 8-91973
- Diehl, P.**, Reinhold, M. Isotope effects on the degree of order and the deuterium quadrupole coupling constants, as measured by N.M.R. of oriented benzene- d_1 , 1,4-benzene- d_2 and 1,3,5-benzene- d_3 8-74683
- Diehl, R.**, Brandt, G., Salje, E. The crystal structure of triclinic WO_3 8-51483
- Diehl, R.**, Capentier, C.-D. The structural chemistry of indium phosphorus chalcogenides 8-51482
- Diehl, R.** see Andlauer, B. 8-68493
- Diehl, R.E.** see Naczozy, P.E. 8-69741, 8-93151
- Dieker, J.W.**, Van Der Linden, W.E., Poppe, H. Behaviour of solid electrodes in normal and differential pulse voltammetric methods 8-73055
- Diekmann, P.** see Petersohn, U. 8-77354
- Diekstall, K.** see Gust, W. 8-52822
- Diels, J.-C.**, van Stryland, E., Benedict, G. Generation and measurement of 200 femtosecond optical pulses 8-50830
- Diem, M.**, Nafie, L.A., Burow, D.F. Analysis of the gas phase infrared spectrum of bromochlorofluoroethane. Calculated and observed band contours and intensities 8-82788
- Diem, M.** see Kempf, E. 8-65433
- Diemer, H.K.**, Bijvank, E.J., den Hartog, H.W. EPR investigations of $\text{ADP}:\text{Cr}^{3+}$ above and below T_c 8-68363
- Diennemann, H.**, Hess, H. Calculations on nonideal plasma generation by a ballistic compressor 8-87466
- Diennemann, H.**, Hess, H., Timm, W., Wirsig, M. Generation of non-Debye plasmas by impulse compression 8-71505
- Dienes, A.** see Couillaud, B. 8-74066
- Dienes, G.J.** The kinetics of aggregation of divalent impurity dipoles in alkali halides 8-79630
- Dienes, G.J.** see Welch, D.O. 8-55269, 8-75800
- Dienes, J.K.** Method of generalized coordinates and an application to Rayleigh-Taylor instability 8-65771
- Diep, G.B.** see Bernard, J.J. 8-94561
- Diepen, A.M.** van see van Diepen, A.M.
- Dieperink, A.E.L.**, Iachello, F., Rinat, A., Creswell, C. Electron scattering in the interacting boson model 8-62522
- Diercks, D.R.** see Purohit, A. 8-86597
- Dierksen, G.H.F.** see Cederbaum, L.S. 8-90234
- Dierksen, G.H.F.** see Hennig, P. 8-50473
- Diersch, H.J.**, Martin, H. The numerical treatment of free surface flows by finite elements 8-90819
- Dierssen, G.H.**, Gabor, T. Seeded growth of large single crystals of CdS from the vapor phase 8-64449
- Diesendorf, J.L.** see McRae, B.P. 8-88899
- Dieska, P.** see Barancok, D. 8-79929
- Dieselhorst, T.** see Hahne, E. 8-90661
- Diester-Haass, L.** see Berger, W.H. 8-65334
- Diestler, D.J.**, Knapp, E.-W., Ladouceur, H.D. Vibrational energy relaxation of diatomic molecules isolated in rare-gas matrices: role of orientational motions 8-67776
- Dietel, W.** see Dopel, E. 8-50569
- Dietel, W.** see König, R. 8-89552
- Dietel, W.** see Kuhlke, D. 8-63143, 8-83011
- Dieter, G.E.** see Kuhn, H.A. 8-56775
- Dieterich, W.** Our theoretical understanding of the dynamic behaviour of superionic conductors 8-79796
- Dieterich, W.**, Peschel, I., Schneider, W.R. Dynamic properties of superionic conductors 8-79673
- Dieterich, W.** see Denner, W. 8-75501
- Dieterle, B.** see Thomas, W. 8-70392
- Dieterle, B.D.** Elastic np scattering 8-62421
- Dieterly, D.** see Meyer, R.A. 8-70496
- Dietl, H.** see Bienlein, J.K. 8-93894
- Dietl, T.**, Szymanska, W. Electron scattering in [HgSe] 8-95295
- Dietl, T.** see Iwanowski, R.J. 8-84240, 8-95296
- Dietl, T.** see Szymanska, W. 8-95294
- Dietrich, A.** see Hoffmann, H. 8-76170
- Dietrich, B.** see Hartwig, J. 8-63760
- Dietrich, D.D.**, Leavitt, J.A., Bashkin, S., Conway, J.G., Gould, H., MacDonald, D., Marrus, R., Johnson, B.M., Pegg, D.J. Oscillator strengths of the $2s^2_{1/2}2p^2P_{1/2,3/2}$ transitions in Fe XXIV and the $2s^2\ 1s_0-2s2p^3P_1$ transition in Fe XXIII 8-82685
- Dietrich, F.**, Smith, T., Houska, C.R. Integrated intensities and lattice parameters for TiSi_2 8-75647
- Dietrich, F.S.**, Heikkinen, D.W. An anticoincidence-shielded NaI spectrometer designed to minimize neutron backgrounds 8-90012
- Dietrich, G.** On the efficient and accurate solution of the skew-symmetric eigenvalue problem. An arrangement of new and already known algorithmic formulations 8-77673
- Dietrich, H.B.** see Koyama, R.Y. 8-91643
- Dietrich, M.** see Amberger, E. 8-84341
- Dietrich, O.W.** see Meyer, G.M. 8-52249
- Dietrich, V.**, Emmermann, R., Oberhansli, R., Puchelt, H. Geochemistry of basaltic and gabbroic rocks from the West Mariana basin and the Mariana trench 8-65254
- Dietsche, W.** see Weber, J. 8-63923
- Dietz, E.**, Gerhardt, U. Angular resolved photoelectron spectroscopy of copper 8-95652
- Dietz, E.**, Urbach, G. Determining the activities of gamma-sources with flat surfaces 8-58528
- Dietz, E.R.** see Knight, W.D. 8-54504
- Dietz, F.**, Mehlhorn, A. Quantum chemistry of photographic reactions—situation and views. II 8-61034
- Dietz, F.** see Mehlhorn, A. 8-53229
- Dietz, G.**, Hunseler, A. The effect of annealing on domain structures in amorphous Co-P alloys 8-60304
- Dietz, G.**, Klett, K. Electrodeposited amorphous Co-P alloys with high permeability 8-52310
- Dietz, H.** see Baumann, W. 8-62285
- Dietz, K.**, Romer, H. A modified functional measure for the determination of energy levels in gauge theories 8-49973
- Dietz, K.J.** see Ali Khan, I. 8-71494
- Dietz, K.J.** see Ali-Khan, I. 8-71495, 8-95187, 8-95809
- Dietz, L.A.**, Hanrahan, L.R. Electron multiplier-scintillator detector for pulse counting positive or negative ions 8-89583
- Dietz, P.E.** see Kuczynski, G.C. 8-67711
- Dietz, P.W.** Heat transfer in bubbling electrofluidized beds 8-87242
- Dietz, P.W.**, Melcher, J.R. Interparticle electrical forces in packed and fluidized beds 8-63491
- Dietz, R.E.**, Campagna, M., Chazalviel, J.N., Shanks, H.R. Inelastic electron scattering by intra- and interband plasmons in rhenium trioxide, tungsten trioxide, and some tungsten bronzes 8-72098
- Dietz, R.E.**, Mattheiss, L.F., Weaver, J.H. 5d band structure effects on the lineshapes and intensities of core electron excitations in platinum 8-92177
- Dietz, R.E.** see Cheung, T.T.P. 8-52292
- Dietz, R.E.** see Meixner, A.E. 8-92155
- Dietz, S.** see Werner, C. 8-73489
- Dietz, U.** The influence of polarization of electromagnetic waves in the meter and decimeter range on the transmission quality for terrestrial propagation 8-61518
- Dietze, G.** see Leung, M.K. 8-58512
- Dietzsch, O.** see Bechara, M.J. 8-50209
- Diev, M.D.** see Aksyonova, E.S. 8-90655
- Diffey, B.L.**, Miller, A. A detector for monitoring the output of ultraviolet radiation sources used in the photochemotherapy of psoriasis 8-53473
- DiFilippo, F.C.** see Perez, R.B. 8-66255
- Diggory, P.J.** see Achwal, S.K. 8-81953
- Dignam, M.J.** Transition layer model of the oxide-electrolyte interface 8-68895
- Digor, D.F.** see Kon, L.Z. 8-72182
- Dijen, G.** van see van Dijen, G.
- Dijk, C.A.** van see van Dijk, C.A.
- Dijk, J.A.P.P.** van see van Dijk, J.A.P.P.
- Dijk, J.H.M.** van see van Dijk, J.H.M.
- Dijk, M.H.H.** van see van Dijk, M.H.H.
- Dijk, W.** van see van Dijk, W.
- Dijk, W.** van see Van Dijk, W.
- Dijkerman, H.A.** see de Vreede, J.P.M. 8-90213
- Dijkman, F.G.** A study on the vibrational and reorientational contributions to the band-widths of the symmetric methyl stretching vibration in a series of compounds 8-78686
- Dijkman, F.G.** Vibrational bandshapes of monohydric saturated alcohols 8-90226
- Dijkstra, K.** see Kaptein, R. 8-73138
- Dikanov, S.A.**, Yudanov, V.F., Tsvetkov, Yu.D. Study of the structure of the immediate environment of paramagnetic species by analysis of modulation phenomena in the electron spin echo 8-88164
- Dikanov, S.A.** see Bowman, M.K. 8-61141
- Dikansky, N.S.** see Derbenev, Ya.S. 8-50424
- Dikchys, G.** see Danelyus, R. 8-71150
- Dike, R.S.** see Burkhardt, L.C. 8-75456
- Dike, R.S.** see Hammer, C.F. 8-54989
- Dike, R.S.** see Melton, J.G. 8-55036
- Dikhter, I.Ya.**, Valuev, A.A., Zeigarnik, V.A. Cesium plasma investigations by wire explosions 8-71516
- Dikii, I.I.** On the role of carbon in the corrosion-cracking of low-carbon steels in nitrate solutions 8-56811
- Dikman, S.M.** Relaxation of initial excitation and Landau damping in inhomogeneous plasma 8-55721
- Dikman, S.M.** Longitudinal waves in an inhomogeneous plasma 8-71478
- Dikov, Yu.P.** see Semenov, N.N. 8-84758
- Dikovskaja, N.D.** see Gritsenko, V.A. 8-84333
- Dilawari, A.H.** The mathematical modelling of decay of turbulence 8-83364
- Dilawari, A.H.**, Szekeley, J. Heat transfer and fluid flow phenomena in electrosag refining 8-52722
- DiLeonardo, P.** see Casasent, D. 8-63027
- Dilks, A.** see Clark, D.T. 8-95655
- Dill, D.** see Dehmer, J.L. 8-82792
- Dill, D.** see Siegel, J. 8-78815
- Dill, D.** see Wallace, S. 8-52628, 8-56564
- Dill, J.D.**, McLafferty, F.W. Structure and relative energies of gaseous CSH_3^+ ions 8-82861

- Dillenburg, D.** *see* Freund, H.P. 8-91075
Dillenburg, D. *see* Wu, C.S. 8-83542
Dillig, M. *see* Klingenberg, K. 8-78415
Dillon, H.S. *see* Bennett, A.M. 8-57122
Dillon, J.F., Jr., Yi Chen, E., Guggenheim, H.J.
 Optical studies of the magnetic phase diagram of FeCl₂ 8-88121
Dillon, J.G., Jr., Gyorgy, E.M., Blount, E.I., Chen, E.-Yi., van Uiter, L.G. Forced magnetostriiction of dysprosium aluminium garnet (DAG) 8-68349
Dillon, M.A. Generalized differential oscillator strengths for the electron impact ionization of helium determined for large and intermediate momentum transfers at 300 to 500 eV incident 8-55239
Dillon, R. *see* Schey, J.A. 8-60727
Dillon, R.O., Spain, I.L. Effects of warped energy surfaces on the low field Hall coefficient of graphite 8-68043
Dillon, R.O., Spain, I.L. Galvanomagnetic effects in graphite. II. The influence of trigonal warping of the constant energy surfaces on $\sigma_{xx}(B_z)$ 8-87987
Dillon, R.O., Spain, I.L., McClure, J.W. Galvanomagnetic effects in graphite. III. The effect of neutron irradiation on the quantum limit Shubnikov-de Haas oscillations 8-95304
Dillon, R.O., Spain, I.L., Woolam, J.A., Lowrey, W.H. Galvanomagnetic effects in graphite. I. Low field data and the densities of free carriers 8-87986
Dillschneider, N. The influence of electromagnetic forces on humans 8-88728
Dil'man, V.V. Effective diffusion of impurity in laminar flow of liquid 8-67228
Dil'man, V.V., Krupnik, L.I., Adinberg, R.Z. Hydrodynamic characteristics of turbulent flow of an incompressible fluid in a channel with porous walls 8-67179
Dil'man, V.V. *see* Borisova, R.D. 8-83383
Dilman, V.V. *see* Kader, B.A. 8-94716
Dilonardo, M. *see* Capitelli, M. 8-71428, 8-94306
Dilworth, L.J. Depolarization at 11.6 GHz on a terrestrial radio link 8-53687
Dilworth, L.J., Evans, B.G. Depolarisation due to snow at 11.6 GHz 8-57239
Dimant, Ya.S. Dissipative parametric generation of small-scale diffusion inhomogeneities in the ionosphere 8-69580
Dimarcello, F.V., Hart, A.C., Jr. Furnace-drawn silica fibres with tensile strengths >3.5 GN/m² (500 kp.s.i.) in 1 km lengths 8-87135
Dimarcello, F.V., Williams, J.C. Atlanta Fiber System Experiment: Reproducibility of optical fibers prepared by a modified chemical vapor deposition process 8-90531
Dimarcello, F.V. *see* Cohen, L.G. 8-71204
DiMaria, D.J. *see* Young, D.R. 8-67729
Dimarzio, E.A., Rubin, R.J. Dynamics of a polar attached to a surface: bead and spring model 8-75931
Dimbylow, C. *see* Chubb, J.P. 8-85033
Dimelfi, R.J. Comments on: 'Understanding the Larson-Miller parameter', by F.T. Furillo, S. Purushothaman and J.K. Tien 8-76742
Diment, J.A. (editor) Geological directory of the British Isles. A guide to information sources 1978 8-88922
DiMeo, F.N. *see* Moore, T.W. 8-57053
Dimirkhanov, R.A., Dorokhov, V.V., Dzkuya, M.I., Dorokhova, G.A. Masses of stable isotopes Br, Kr and Rb 8-86468
Dimitrijevic, M., Konjevic, N. On the temperature dependence of Gaunt factors 8-87491
Dimitrijevic, M. *see* Popovic, M.V. 8-87448
Dimitrijevic, M.S., Grujic, P. Curvilinear trajectories and Stark broadening of hydrogen lines 8-67324
Dimitrijevic, M.S. *see* Platisa, M. 8-66504
Dimitrijevic, M.S. *see* Puric, J. 8-78662
Dimitropoulos, C. *see* Vargas, H. 8-91981
Dimitrov, C., Dimitrov, O., Dworschak, F. The interaction of self interstitials with undersized solute atoms in electron-irradiated aluminium 8-63789
Dimitrov, C. *see* Dworschak, F. 8-75690
Dimitrov, D.L. *see* Mateev, V.P. 8-88552
Dimitrov, G., Gagov, V., Aslam, S. Radial glow and temperature distribution of laser obtained microplasma in air and in argon media 8-67387
Dimitrov, G. *see* Mitrani, L. 8-61174
Dimitrov, H.D. On the surface electrical resistivity of thin semiconducting and semimetallic films 8-91751
Dimitrov, O. *see* Dimitrov, C. 8-63789
Dimitrov, O. *see* Dworschak, F. 8-75690
Dimitrov, S.K. *see* Vinogradova, O.A. 8-87461
Dimitrova, S.K. *see* Decheva, S.K. 8-80009
Dimitrow, D. *see* Kortensky, H. 8-76803
Dimock, D. *see* Hinnov, E. 8-83537
Dimonte, G., Malmberg, J.H. Destruction of trapping oscillations 8-71501
Dimoplon, G. *see* Sheen, S.H. 8-73029
Dimov, G.I., Dudnikov, V.G. A charge-exchange method of particle flux control 8-70662
Dimov, G.I., Ivanov, A.A., Roslyakov, G.V. Electron loss of fast H⁺ ions and H⁰ atoms in a plasma target 8-67371
Dimov, G.I., Roslyakov, G.V., Savkin, V.Ya. Diagnostic hydrogen-atom injector 8-79460
Dimova, D.I. *see* Lakova, M.S. 8-80074
Dimova, D.I. *see* Stoyanov, V.E. 8-80044
Dimri, V.P. *see* Negi, J.G. 8-96125
Din, A.M. Shams El *see* Shams El Din, A.M.
G.U. ¹⁸O(γ)¹⁹F and ¹⁸O(p, γ)¹⁸O reactions below 3.50 MeV [¹⁹F resonance levels] 8-89790
Dinaburg, L.B., Fokeev, V.F., Shelgunov, G.Y. A circulating cooling system based on a commercial G-3 helium liquefier 8-57961
Dinaburg, L.V., Fokeev, V.F., Shelgunov, G.Ya. Circulation cooling system based on the G-3 serially produced helium liquefaction apparatus 8-57992
Dinca, G. *see* Cavalerio, Al. 8-88029
D'Incan, J. *see* Amiot, C. 8-94244
Dincklage, R.-D. *von see* von Dincklage, R.-D.
Dindosova, D. *see* Veis, S. 8-67595
Dine, M. *see* Appelquist, T. 8-66039
Dineen, R.L., Walls, J.C. The effects of dielectric joints on the structural behavior of Tokamak devices 8-62657
Dinerstein, H.L. *see* Rank, D.M. 8-96522
Dines, K.A. *see* Kak, A.C. 8-77094
Dinesha, K.V. *see* Sarma, C.R. 8-77668
Dinev, D. On the beam interaction with the accelerating system in cyclic accelerators 8-78524
Dinev, S., Radoslavova, I., Stamenov, K., Stan'kov, K. A single-frequency stabilized Nd:glass laser 8-55369
Ding, A., Karlau, J., Weise, J., Kendrick, J., Kuntz, P.J., Hillier, I.H., Guest, M.F. Potential interactions between boron ions and rare gases 8-55219
Ding You-Ji, Chang Zu-Wen Continuity of the 11-year cycle of solar activity 8-85925
Ding You-Ji, Li Wei-Bao, Wu Ming-Chan, Jiang Zhi-Zhong, Hong Qin-Fang, Liu Zi-Zhong The role of the spiral spots in solar activity in October 1972 8-69761
Ding-Chang Xian *see* Xian Ding-Chang
Ding-sheng Wang *see* Wang Ding-sheng
Dingchyan, A.E. The influence of iminoxyl radicals on the conductivity of MBBA and EBBA liquid crystals 8-67641
Dinges, H.W. Optical properties of anodic oxide films on GaAs by ellipsometry 8-72626
Dingle, R. Magnetic field induced dimensionality change in a semiconductor superlattice 8-64381
Dinguirard, J.P., Espardeillier, C., Vacquie, S. Study of an extinguishing arc discharge in copper nitrogen mixture 8-87548
Dingwall, P. *see* Green, G.A. 8-80701
Dinh, T. Vo *see* Vo Dinh, T.
Dinh Dao Le *see* Le Dinh Dao
Dinhut, J.F., Riviere, J.P., Desoyer, J.C. Production of point defects by plastic deformation and ordered phenomena in Fe-Co and Fe-Co-2% V alloys 8-72829
Dinn, N.F., Zimmerman, G.A. COMSTAR beacon receiver diversity experiment 8-73421
D'Innocenzo, A. *see* Ciatti, F. 8-96477
Dinsdale, A.T. The NPL alloy data bank and its use in the calculation of multicomponent alloy phase diagrams 8-92243
Dinse, K.P., Winscom, C.J. Determination of the ¹⁴N quadrupole tensor of phenazine in its lowest excited triplet state by ODNQR 8-50561
Dintenfass, L. Blood viscosity factors in severe nondiabetic and diabetic retinopathy 8-65069
Dinter, M. Superconductor fluctuations in tunneling junctions below the transition temperature 8-84354
d'Inverno, R.A., Smallwood, J. On identifying coordinates 8-54252
d'Inverno, R.A., Smallwood, J. A note on a family of type [3,1] vacuum solutions with twist 8-54253
Dio Kim Kwang *see* Kim Kwang Dio
Diogo, A.C. *see* Martins, A.F. 8-95136
Dion, D.R., Barker, J.A., Merrill, R.P. An efficient way to compute the gas-surface potential with application to 'double rainbow' scattering 8-80443
Dion, M., Piffard, Y., Tournoux, M. The tetrates M₂Ti₂O₉ (M=Li, Na, K, Rb, Cs, Tl, Ag) 8-75646
Dionisi, C., Armenteros, R., Diaz, J., Gavillet, Ph., Gay, J.B., Gurtu, A., Hemingway, R.J., Mazzucato, M., Trepagnier, P., Blokzijl, R., Massaro, G.G.G., Jongejans, B., Engelen, J., Timmermans, J.J., Van de Walle, R.T., Foster, B., Lamb, P.R., McDowell, W.L. An I=1 enhancement at a mass of 1500 MeV in the ($\Delta\pi$) and ($\Sigma\pi$)-systems 8-89735
Dionisi, C. *see* Bricman, C. 8-66179
Dionisi, C. *see* Gavillet, P. 8-70409
Dionisi, C. *see* Gavillet, Ph. 8-89736
Dionisi, C. *see* Teodoro, D. 8-89767
Dionisio, J.S. *see* Rossi, J. 8-70676
Dionisio, J.S. *see* Vieu, C. 8-70425
Dionne, V.E., Parsons, R.L. Synaptic channel gating differences at snake twitch and slow neuromuscular junctions 8-80868
Diosady, P.L. *see* Moselhy, M.M. 8-69514
DiPippo, R. *see* Mason, E.A. 8-51276
Dippel, K.H. *see* Bieger, W. 8-50402, 8-89981
Dipper, N.A. *see* Butler, R.C. 8-81540
D'Ipollito, D.A., Freidberg, J.P., Goedbloed, J.P., Rem, J. High-beta Tokamaks surrounded by force-free fields 8-91141
Diprima, R.C. *see* Eagles, P.M. 8-71339
DiPrima, R.C. *see* Flaherty, J.E. 8-67203
DiPrima, R.C. *see* Stuart, J.T. 8-55632
Director, M.D. *see* Goldberg, B.B. 8-61233
Dirks, A.G., Leamy, H.J. Microstructure and magnetism in amorphous rare earth-transition metal thin films 8-64230
Dirks, A.G., Leamy, H.J. Magnetic and structural properties of some amorphous rare earth-transition metal thin films 8-95487
Dirks, A.G. *see* Leamy, H.J. 8-72018
Dirks, D.D. *see* Morgan, D.E. 8-85319
Dirks, D.D. *see* Ventry, I.M. 8-65050
Dirks, J.F. Information recording on transparent electrophotographic films 8-70210
Dirkse, J. *see* Morgan, T.J. 8-53507
DiRosa, D.A. *see* Kinney, R.A. 8-73520
Dirschel, R., Michel, K.W., Cosmovic, C.B. On the occurrence of alkaline earth and rare earth oxides in sunspots and cool stars 8-85933
DiSalvo, F.J. *see* Huntley, D.J. 8-95265
Disdier, D. *see* Ho, H. 8-54786
Dishaw, J.P. *see* Barish, B. 8-89750
Dishkov, P.S., Dishkova, L.P. Investigating the temperature dependences of the dielectric constant tg δ in thin dielectric layers of lead zirconate-titanate (TsTS) 8-88259
Dishkova, L.P. *see* Dishkov, P.S. 8-88259
Dishon, M., Weiss, G.H. Numerical inversion of Mellin and two-sided Laplace transforms 8-77694
Dismukes, J. *see* Keane, B. 8-73276
Disney, M.J. *see* Manchester, R.N. 8-77569
Disney, M.J. *see* Smith, F.G. 8-93292
Dispert, H., Lacmann, K. Negative ion formation in collisions between potassium and fluoro- and chloromethanes: Electron affinities and bond dissociation energies 8-82827
Dissado, L.A. *see* Clarke, M.D. 8-51899
Dissado, L.A. *see* Crangi, D.P. 8-83888
Distante, A. *see* Anelli, E.F. 8-82585
Distefano, G., Jones, D., Pignataro, S., Modelli, A. ESCA and UPS spectra of nitronaphthylamines. Shake-up structures, relaxation effects and through-space interaction between the two substituents 8-50588
Distefano, G. *see* Bernardi, F. 8-82786
Distefano, T.H., Pettit, G.D., Woodall, J.M., Cuomo, J.J. Conformal antireflection coatings on a textured tungsten surface 8-63157
Distel, H. *see* Bar-Cohen, A. 8-94535
Distenfeld, C.H., Klemish, J.R., Jr. High efficiency mixed species radioiodine air sampling, readout, and dose assessment system 8-57074
Dittbenner, G.R. *see* Freynik, H.S., Jr. 8-51260
Dittmann, H., Kalau, M. The national time and frequency standard of the German Democratic Republic 8-93658
Dittmann, P. *see* Bartel, W. 8-89695
Dittmar, G. The crystal structure of hexapotasium hexatellurodisulfate, K₆[Si₂Te₆] 8-79569
Dittmar, G., Forbrig, B., Schubert, F. Preparation of Cd_xHg_{1-x}Te for infrared detectors 8-86332
Dittmer, P.H. An observational search for solar pulsations at periods from 7 to 70 minutes 8-93180
Dittmer, P.H., Scherrer, P.H., Wilcox, J.M. An observational search for large-scale organization of five-minute oscillations on the Sun 8-65589
Dittner, P.F., Datz, S. Molecular negative surface ionisation of UF₆ 8-56913
DiTtrich, H. *see* Duren, B. 8-92743
DiTtrich, K. *see* Siekmann, J. 8-55679, 8-90918
DiTtrich, T.R. *see* Lane, A.M. 8-78381
DiTtrich, W. One-loop effective potential with anomalous moment of the electron 8-58146
DiTtrich, W. Source methods in quantum field theory 8-86406
Divakaran, P.P. Scaling of inelastic differential cross sections 8-62462
Divens, W.G., Starzak, M.E. Intracavity enhancement of absorption in the nanosecond regime 8-78839
DiVergilio, W.F., Kim, H.C., Tang, J.T., Wong, A.Y. Critical surface phenomena in intense microwave plasma interactions 8-51313
Divil'kovskii, I.M., Kovalevskii, D.V., Matsveiko, A.A., Subbomin, L.K. Miniature power pack for solid-state lasers type SAP-M 8-59015
Divine, T.F. *see* Feeney, R.K. 8-82849
Divino, M.D. *see* Ramaswamy, V. 8-63201

- Divisenko, I.F.** *see* Ablisimov, G.A. 8-74025
- Diwan, P.S.** *see* Vaidya, S. 8-64396
- Dix, M.J.** *see* Toner, M.C. 8-94377
- Dixit, A.N., Tripathi, S.R.** Calculation of the correlation energy from the CHF method 8-90087
- Dixit, S.N.** *see* Wheatley, S.E. 8-90137
- Dixmier, M.** A new description of random stacks and dense fluids 8-79512
- Dixmude, D.** *see* Jacques, S. 8-96193
- Dixon, A.J., Hood, S.T., Weigold, E.** Electron-photon coincidence measurements in electron scattering from atomic hydrogen 8-55242
- Dixon, A.J., McCarthy, I.E., Noble, C.J., Weigold, E.** Factorized distorted-wave approximation for the $(e,2e)$ reaction on atoms: Noncoplanar symmetric 8-55245
- Dixon, A.J.** *see* Hood, S.T. 8-94332
- Dixon, D.** *see* Baubillier, M. 8-93877
- Dixon, D.A.** *see* Marynick, D.S. 8-78615
- Dixon, D.P., Marshall, T.C., Sen, A.K.** Effects of finite Larmor radius and ion Landau damping on the dissipative trapped electron instability 8-51297
- Dixon, D.P., Sen, A.K., Marshall, T.C.** An experimental study of the trapped electron instability using a feedback diagnostic 8-51350
- Dixon, E.R.** Spectral distribution of Australian daylight 8-69452
- Dixon, J.M.** An effective ion Hamiltonian for a magnetic 3d impurity in a metal 8-64016
- Dixon, K.L.** *see* Carter, D. 8-69867
- Dixon, L.S.** *see* Grenney, W.J. 8-65348
- Dixon, M., Overill, R.E., Platt, E.** Ab initio studies of the dependence on geometry of the deuteron quadrupole coupling constants and the nuclear diamagnetic shieldings in the bialide ions FHF^- , FHCl^- and ClHCl^- 8-58586
- Dixon, N.S.** *see* Triplett, B.B. 8-76368
- Dixon, R.H.** *see* Elton, R.C. 8-71086
- Dixon, R.H.** *see* Reintjes, J.F. 8-79447
- Dixon, R.N., Webster, C.R.** The determination of the electric dipole moment of H_2CS in the A^1A_2 excited state using dye-laser electric field spectroscopy 8-70870
- Dixon, R.S., Lopata, V.J.** Spectrum of the solvated electron in heavy water up to 445K 8-74672
- Dixon, R.S.** *see* Rosinger, E.L.J. 8-61036
- Dixon, R.S.** *see* Tremaine, P.R. 8-53309
- Dixon, R.W.** *see* Hartman, R.L. 8-50778
- Dixon, R.W.** *see* Joyce, W.B. 8-79020
- Dixon, W.T.** Some new theorems and methods for establishing the relationship between the symmetry of a molecular orbital and its energy 8-66457
- Dixon, W.T.** *see* Lumpkin, O. 8-68997
- Dizdaroğlu, M., Hermes, W., Schulte-Frohlinde, D., von Sonntag, C.** Enzymatic digestion of DNA γ -irradiated in aqueous solution. Separation of the digests by ion-exchange chromatography 8-85290
- Djafari-Rouhani, B., Dobrzynski, L., Flores, F., Lannoo, M., Tejedor, C.** Dangling bond surface states in (111) faces of zinc-blende compounds 8-84278
- Djafari-Rouhani, B.** *see* Masri, P. 8-71938
- Djakov, B.E., Hermoch, V.** Arc constriction phenomenon due to longitudinal, high-velocity flow 8-87546
- Djakov, B.E.** *see* Hermoch, V. 8-75470
- Djaloeis, A., Didelez, J.-P., Galonsky, A., Oclert, W.** Elastic scattering of 130 MeV ^3He 8-94020
- Djaloeis, A.** *see* Betigeri, M.G. 8-74372
- Djaloeis, A.** *see* Oclert, W. 8-94013
- Djerassi, C.** *see* Varkony, T.H. 8-92477
- Djerassi, H.** *see* Leloup, J. 8-72171
- Djordjevic, D., Guenther, K., Radtke, R., Ulbricht, R.** Laser interferometry in pulsed plasmas of high density 8-67430
- Djordjevic, Z., Milosevic, S.** Effect of the spin-lattice coupling on the magnetic specific heat in the case of a three-dimensional lattice and a one-dimensional Ising magnet 8-80157
- Djukic, D.S.** A contribution to the nonholonomic mechanical systems of the second order 8-57771
- Djukic, Z., Koturovic, A., Milivojevic, K., Miric, I., Muzdeka, S., Stojanovic, D., Stajic, J., Ubovic, Z.** Some aspects of monitoring and handling in emergency conditions 8-57082
- Djuric, M., Novakovic, M.** Electroconductive analogy of two dimensional thermal radiation vector field 8-90681
- Djuric, M.** *see* Novakovic, M. 8-89417
- Djuric Mirjana** *see* Mirjana Djuric
- Djuzhev, G.A.** *see* Bakshi, F.G. 8-63597
- Diott, D.D.** *see* Salcedo, J.R. 8-72079
- Diott, D.D.** *see* Wieting, R.D. 8-95263
- Diubek, G., Balzerowski, C., Presting, W., Thomas, H.** An angular correlation device for 2γ -positron annihilation radiation 8-86726
- Drugach, Zh.M.** On the method and results of computing optical properties of Mars' atmosphere in the period of the dust storm in 1971 8-93138
- Druganovich, V.A., Snopko, V.N.** An all-purpose unit for leading out radiation from a gas laser cavity 8-90433
- Dmitrenko, E.V.** *see* Zlatorunskii, A.A. 8-85399
- Dmitrenko, I.M.** *see* Fogel, N.Ya. 8-52181
- Dmitrenko, I.M.** *see* Tsoi, G.M. 8-56259
- Dmitrenko, Z.F., Mikho, V.V.** Characteristics of the excitation of Al_2O_3 -Eu and Y_2O_3 -Eu surface luminescence centers 8-52560
- Dmitriev, A.A.** *see* Khvatov, L.A. 8-53128
- Dmitriev, A.G.** *see* Askarov, P.A. 8-52071
- Dmitriev, A.I.** *see* Baginskii, V.M. 8-80006
- Dmitriev, A.P., Stefanovich, A.E., Tsendin, L.D.** Discontinuities in drift solutions due to reversal in ambipolar drift. Injection and accumulation of hot carriers 8-51999
- Dmitriev, I.A.** *see* Zatsapin, A.F. 8-67656
- Dmitriev, L.M.** Positive column of a glow discharge in flowing nitrogen 8-51378
- Dmitriev, N.A.** *see* Voropinov, A.I. 8-72103
- Dmitriev, S.P., Zhitnikov, R.A., Okunevich, A.I.** Observation of magnetic resonance in the 1^1S_0 ground state of optically oriented ^3He atoms by the use of transverse modulation of the magnetic field 8-82671
- Dmitriev, V.D.** *see* Bozhagov, B.A. 8-94041
- Dmitriev, V.M., Khristenko, E.V.** Stimulation and enhancement of superconductivity by external micropower irradiation 8-95394
- Dmitriev, V.M.** *see* Rudobashta, S.P. 8-53255
- Dmitriev, V.M.** *see* Solov'ev, A.L. 8-52158
- Dmitrieva, A.M.** *see* Gassovskii, L.N. 8-57114
- Dmitrieva-Arago, L.R.** *see* Avaste, O.A. 8-96291
- Dmitrievskii, O.D.** *see* Biryukov, Yu.P. 8-74067
- Dmitrovskii, L.G.** *see* Gol'dfel'd, M.G. 8-64958
- Dmitruk, N.L., Leonov, V.M., Litovchenko, V.G., Talat, G.Kh.** Exciton cathodoluminescence of semiconductors with surface potential barriers 8-88366
- Dmitruk, N.L., Litovchenko, V.G., Maeva, O.I.** Peculiarities of temperature dependence of the potential barrier height in semiconductors 8-68070
- Dmitruk, N.L.** *see* Borkovskaya, O.Yu. 8-76024
- Dmitruk, N.L.** *see* Gorbunova, T.N. 8-60021
- Dmitryuk, A.V., Karapetyan, G.O., Manenkov, A.A., Osiko, V.V., Ritus, A.I., Shcherbakov, I.A.** Correlation of the efficiency of cooperative sensitization of luminescence with the intensity of Rayleigh scattering 8-52573
- Dmytriv, A.Yu.** *see* Brilingas, A. 8-72452
- Dneprenko, V.N.** *see* Larikov, L.N. 8-56696
- Do, Q.H.** *see* Besset, D. 8-62422
- Do Dang, G.** *see* Miller, H.G. 8-78295
- Do Quoc-Hung** *see* Quoc-Hung Do
- Doake, C.S.M.** Climatic change and geomagnetic field reversals: a statistical correlation 8-61537
- Doake, C.S.M.** Dissipation of tidal energy by Antarctic ice shelves 8-88845
- Doan, K.S.** *see* Cheesewright, R. 8-71322
- Doane, J.W.** NMR in biaxial and uniaxial liquid crystals 8-75552
- Doane, J.W.** *see* Allender, D.W. 8-59750
- Doare, M.** The laser recorder 8-92998
- Dobashi, Y., Uchiyama, T., Suginome, A.** Elasto-plastic analysis for shallow shells by use of laminated element 8-63323
- Dobb, M.G., Johnson, D.J., Saville, B.P.** Supramolecular structure of a high-modulus polyaromatic fiber (Kevlar 49) 8-55819
- Dobb, M.G., Johnson, D.J., Saville, B.P.** Direct observation of structure in high-modulus aromatic fibers 8-75564
- Dobbels, F., Mewis, J.** Analysis of nip flow operations involving a viscoelastic roller 8-71310
- Dobberstein, B.** *see* Warren, G. 8-69029
- Dobbing, J.A., Hanson, A.W., Little, P.F.** Simulated lightning attachments to aircraft skins 8-87575
- Dobbing, J.A.** *see* Philippott, J. 8-54884
- Dobbinga, E.** *see* Janssen-van Rosmalen, R. 8-64455
- Dobbs, B.C., Hemenger, P.M.** Ohmic contacts on high purity p-type silicon 8-76137
- Dobebe, H.F., Hirsch, K.** Scattering diagnostics of quasistationary plasmas with periodically pulsed lasers in the visible and near UV 8-67481
- Dobebe, H.F., Hirsch, K., von Hellermann, M.** On scattering diagnostics with periodically pulsed lasers to follow the continuous evolution of time dependent plasma parameters 8-51351
- Dobebe, H.F.** *see* Hirsch, K. 8-51347
- Dobereiner, C.** *see* Mueche, D. 8-61389
- Dobiasch, H., Fischer, R., Haesner, B., Klages, H.O., Schwarz, P., Zeitnitz, B., Maschuw, R., Sinram, K., Wick, K.** Polarisation in neutron-deuteron scattering at 30 MeV 8-62538
- Dobisik, V.** *see* Levkov, L. 8-96279
- Dobkowski, Z.** Correlations between polymer flammability and heat of combustion 8-53246
- Doblhofer, K., Nolte, D., Ulstrup, J.** Polymer-film covered electrodes of stable electrochemical performance 8-76866
- Doblhofer, K.** *see* di Quarto, F. 8-72916
- Dobner, L.M.** *see* Berdonosov, V.A. 8-56872
- Dobre, A.** *see* Radulescu, M. 8-84852
- Dobrego, V.P., Ermolaev, O.P.** Hopping-conduction investigation of the influence of irradiation with ^{60}Co γ rays and of annealing of radiation defects in n-type germanium 8-56106
- Dobrego, V.P., Ermolaev, O.P.** Hopping-conduction investigation of the influence of fast-neutron irradiation and annealing of radiation defects in n-type germanium 8-56107
- Dobren'kov, V.I.** *see* Volkov, N.V. 8-75443
- Dobrikov, A.L.** *see* Rafikov, S.R. 8-51449
- Dobrin, R., Keegan, A., Beranbaum, E., Berkovits, L., Rudolph, S.** An in-depth study of fluoroscopic spot film systems 8-69205
- Dobrocheev, O.V.** *see* Motulevitch, V.P. 8-93634
- Dobrodeeva, N.M.** *see* Vainerman, A.E. 8-56821
- Dobrodumov, A.V.** *see* Gotlib, Yu.Ya. 8-72832
- Dobroklonskii, S.V.** *see* Anisimova, E.P. 8-61429
- Dobrolezh, B.V.** *see* Bezuglov, N.N. 8-55227
- Dobromyslov, A.V.** *see* Vozilkin, V.A. 8-76644
- Dobrosavljevic, L., Kulic, M.** Critical fields in inhomogeneous superconductors 8-84367
- Dobrosavljevic, L.** *see* Radovic, Z. 8-56274
- Dobrovinskaya, E.R., Litvinov, L.A., Pishchik, V.V.** Profiled-sapphire and its structural perfection 8-68621
- Dobrovinskii, I.R.** *see* Borokhovich, A.I. 8-76810
- Dobrovolskaya, G.V.** *see* Katrunova, E.A. 8-75235
- Dobrovol'skii, A.D.** Oceanologist Nikolai Nikolaevich Zubov 8-86101
- Dobrovol'skii, N.D.** *see* Gerashchenko, V.V. 8-77828
- Dobrovol'skii, P.P.** *see* Gerasimenko, N.N. 8-64093
- Dobrovol'skii, Yu.V.** *see* Vyaselev, M.R. 8-56931
- Dobrovolskii, A.R.** *see* Ingersoll, A.L. 8-85877
- Dobrovolskis, Z., Krotkus, A., Pozhela, Yu.** Coherent high-frequency oscillations in n-type InSb subjected to a magnetic field normal to the current 8-52026
- Dobrovolskiy, A.G.** Development of slip moulding methods 8-68661
- Dobrowolski, T.** *see* Cutts, D. 8-89746
- Dobrowolny, M.** Electrodynamics of long metallic tethers in the ionospheric plasma 8-69652
- Dobrowolny, M., Tassarotto, M.** Electron kinetic instabilities in the solar wind 8-96369
- Dobrowolny, M.** *see* Bavassano, B. 8-77546
- Dobrowolski, T.** *see* Cutts, D. 8-78380
- Dobryakov, S.N., Lazarev, G.G., Serbodov, M.V., Lebedev, Y.S.** Calculation of the geometry of the complex of spatially hindered quinones and phenols from ESR spectra of radical pairs 8-90101
- Dobrynina, T.A.** *see* Sarin, V.A. 8-67698
- Dobrzanskii, G.F.** *see* Abdullaev, A.A. 8-72525
- Dobrzynski, L.** *see* Aguilar-Benitez, M. 8-82228
- Dobrzynski, L.** *see* Cooper, A.M. 8-62465, 8-78205
- Dobrzynski, L.** *see* Djafari-Rouhani, B. 8-84278
- Dobrzynski, L.** *see* Masri, P. 8-71938
- Dobrzynski, L.** *see* Nacasch, R. 8-54646
- Dobson, G.R.** A re-examination of the four-ball test 8-60964
- Dobson, P.J.** Evidence of electron correlations in liquid metals 8-55805
- Dobson, P.J.** *see* Brah, A.S. 8-83721
- Dobson, P.J.** *see* Hughes, A.E. 8-83690
- Dobson, P.J.** *see* Randall, E.N. 8-66916
- Dobson, P.J.** *see* Rawlings, K.J. 8-84090
- Dobson, P.J.** *see* Spiller, G.D.T. 8-63952
- Dobson, P.J., Pendry, J.B., Humphreys, C.J.** (editor) International Conference on Electron Diffraction. Electron Diffraction 1927-1977 8-83657
- Dobson, P.N., Jr., Pakvasa, S., Tuan, S.F.** SU(3) symmetry breaking in the decays of baryons 8-89712
- Dobson, P.N., Jr., Tuan, S.F.** Schwinger's phenomenological and dyon descriptions for the new particles 8-82109
- Dobson, P.S.** *see* Lambert, J.A. 8-71744
- Dobychin, S.L.** *see* Baboshin, V.N. 8-50769
- Doctor, P.G.** *see* Ballou, J.E. 8-73264
- Dod', I.I., Dubolazov, I.A., Mgaloblishvili, K.D., Shirokopytov, V.G., Elashvili, Z.G.** Diffusion batcher of vapors 8-79404
- Dodakundi, G.B.** *see* Sindagi, S.S. 8-69380
- Dodd, B.** Improved air monitoring to speed emergency procedures 8-70610

- Dodd, J., Kelly, J.S.** Is somatostatin an excitatory transmitter in the hippocampus? 8-64973
- Dodd, J.N.** *see* Christian, L.A. 8-90103
- Dodd, L.V.** *see* English, A.T. 8-56242
- Dodd, R.A.** *see* Yang, W.J. 8-76677
- Dodd, R.J.** UVB photographic photometry in and around the galactic cluster NGC 2527 8-89231
- Dodd, R.T.** The composition and origin of large microporphyritic chondrules in the Manyh (L-3) chondrite 8-65562
- Dodds, H.L.** *see* Hoffman, T.J. 8-86689
- Dodds, H.L., Jr.** *see* Hoffman, T.J. 8-92158
- Dodds, S.A., Sanny, J.** Measurements of orbit-lattice coupling of Er and Dy impurities in Ag and Al hosts 8-88182
- Dodds, S.A.** *see* Donovan-Vojtovic, B.F. 8-51875
- Dodera, M.G.** *see* de Mattiello, M.L.F. 8-57000
- Dodge, C.H., Glaser, Z.R.** Trends in nonionizing electromagnetic radiation bioeffects research and related occupational health aspects 8-73172
- Dodonov, S.N.** *see* Polosukhina, N.S. 8-65624
- Dodonov, V.V., Man'ko, V.I.** Loss energy states of nonstationary quantum systems 8-49719
- Dodson, J.S.** A statistical assessment of brilliance and fire for the round brilliant cut diamond 8-90361
- Dodson, J.S.** The brilliance, sparkliness and fire of some modifications to the round brilliant cut diamond style 8-90362
- Dodson, J.S.** The brilliance, sparkliness and fire of several diamond simulants 8-90363
- Doe, P.J.** Flash tube chambers for electron and photon detection 8-58552
- Doe, P.J.** *see* Breare, J.M. 8-50438, 8-70697, 8-94166
- Doehler, J., Worlock, J.M.** Excitation wavelength dependence of electron-hole drop velocities in germanium 8-88358
- Doehler, J., Worlock, J.M.** Acceleration of electron-hole drops in germanium by a radiation field: evidence for phonon wind 8-95264
- Doehler, J.** *see* Worlock, J.M. 8-68517
- Doel, R.** van den *see* van den Doel, R.
- Doelman, A., Gregges, A.R., Barrall, E.M., II** Data acquisition and reduction program for thermogravimetry 8-64901
- Doerfler, W.W., Boord, W.T., Mar, H.Y.B.** Rain erosion-resistant antireflective coatings for infrared windows 8-83050
- Doerfler, D.L., Campbell, I.M.** Mass spectrometer ion multiplier noise filter based on an analog delay device 8-92541
- Doering, J.P.** *see* Edmonson, D.A. 8-90277
- Doering, J.P.** *see* Lee, J.S. 8-88953
- Doering, J.P.** *see* Potemra, T.A. 8-96343
- Doering, R.R., Schweizer, T.C., Thornton, S.T., Dennis, L.C., Cordell, K.R., Ziock, K.O.H., Comiso, J.C.** Correlated energy spectra of light fragments from 720-MeV α -induced reactions 8-62555
- Doering, R.W.** *see* Duffey, D. 8-85265
- Doerschel, J.** *see* Kirsch, F.-G. 8-59813, 8-64602, 8-75691
- Doezema, R.E.** *see* Schaber, H. 8-52475, 8-64349, 8-79114
- Doezema, R.E.** *see* Wegehaupt, T. 8-87753
- Dogadin, V.A.** *see* Popov, Yu.A. 8-72994
- Doge, G., Khuen, A.** Vibrational relaxation and reorientation correlation of the first overtone of the symmetric C-H bending vibration of CH_3I in some liquids 8-62884
- Doggett, J.N.** *see* Barr, W.L. 8-54920
- Dogil, B., Horodecki, A.J., Precht, W.** On the measurements of lattice parameters of semiconductor thin films 8-59720
- Doglia, S.** *see* Giordano, P. 8-57144
- Dogotar, G.E.** *see* Kissener, H.R. 8-74408
- Doherty, J.B.** *see* Breslow, R. 8-85287
- Doherty, L.R., McAllister, H.C.** Analysis of the profiles of the solar S I lines at 1807 and 1900 Å 8-57517
- Doherty, R.D.** A correlation between heterogeneous nucleation activity and melting point ratio for binary metallic systems 8-92255
- Doherty, R.D., Cantor, B., Fairs, S.J.M.** Further analysis of dendritic growth data for succinonitrile 8-75970
- Doherty, R.D.** *see* Brett, S.J. 8-60832
- Doherty, T.J.** *see* Stewart, C.W. 8-74478
- Dohler, G.H.** Ultrathin doping layers as a model for 2D systems 8-60182
- Dohler, G.H.** *see* Ploog, K. 8-95064
- Dohler, H., Fenzke, D.** Adjusting conditions for high-resolution pulsed NMR in solids 8-84486
- Dohler, H., Neubauer, R., Schnabel, B.** NMR theory of a two-spin system in a solid without spin lattice relaxation 8-88197
- Dohm, V., Ferrell, R.A.** Possible breakdown of dynamic scaling at the liquid helium lambda point 8-91498
- Dohm, V., Janssen, H.K.** Dynamic scaling and corrections to scaling near bicritical and tetracritical points 8-68247
- Dohmann, H.D., Pfeng, H.** Measurement of the population of the $^4\text{P}_{3/2}$ -state in Ar^{15+} by cascading processes 8-94315
- Dohnalik, T.** Anticrossing effect in the case of levels with different widths 8-55145
- Dohnalik, T.** *see* Lubowiecka, T. 8-90097
- Dohnanyi, J.S.** Particle dynamics 8-57501
- Dohnert, L.** *see* Bonacic-Koutecky, V. 8-86792
- Dohnert, L., de Hano, M., Plastino, A.** Hartree-Fock states in the thermodynamic limit. III. Low-density clustering effects [fermion system] 8-54296
- Dohrn, D., Guerra, F.** Nelson's stochastic mechanics on Riemannian manifolds 8-57860
- Doi, A.** Electrical conduction and dielectric relaxation in oxide glass 8-79801
- Doi, E.** *see* Maeda, M. 8-90459
- Doi, H.** Development of secondary ion mass spectrometer. I. Development of the AES-IMA device and its application to solid surfaces 8-85249
- Doi, H.** *see* Hatta, I. 8-91447
- Doi, H.** *see* Kawase, S. 8-59190
- Doi, H.** *see* Mohri, M. 8-79647
- Doi, H.** *see* Yamashina, T. 8-95636
- Doi, K.** Physical reality of shot noise model for the short-term variability of Cyg X-1 8-93474
- Doi, K., Fujii, M.** Risettime discrimination applied to pressurized Xe gas proportional counter for hard X-ray detection 8-90031
- Doi, K., Imhof, H.** Evaluation of gallbladder images by use of the radiographic magnification technique 8-69186
- Doi, K.** *see* Genant, H.K. 8-69185
- Doi, K.** *see* Shiba, K. 8-79395
- Doi, K.** *see* Sickles, E.A. 8-69187, 8-85365
- Doi, M., Edwards, S.F.** Dynamics of rod-like macromolecules in concentrated solution. I 8-67637
- Doi, M., Edwards, S.F.** Dynamics of rod-like macromolecules in concentrated solution. II 8-75114
- Doi, T.** *see* Fukunishi, K. 8-94105
- Doi, Y., Tsutsui, M.** Fluorescence and photochemistry of the charge-transfer band in alcoholic vanadium trichloride solution 8-85177
- Doicin, D.** Two-fold resistivity mapping of lateral inhomogeneities 8-61573
- Doig, P., Flewitt, P.E.J.** Limitations of potentiostatic control in stress corrosion crack growth measurements 8-53031
- Doig, P., Flewitt, P.E.J.** The X-ray measurement of axial stress on cylindrical curved surfaces 8-63403
- Doig, P., Flewitt, P.E.J.** Non-destructive stress measurement using X-ray diffraction methods 8-68853
- Doig, P., Flewitt, P.E.J.** Microanalysis of grain boundary segregation in embrittled iron-3 wt.% nickel alloys using STEM 8-76654
- Doig, P., Flewitt, P.E.J.** The influence of temper embrittlement on the stress corrosion susceptibility of Fe-3 wt.% Ni alloys 8-85023
- Doig, P., Flewitt, P.E.J.** The X-ray measurement of tangential stress on cylindrically curved surfaces 8-87590
- Doig, P., Flewitt, P.E.J., Wild, R.K.** A comparison of X-ray (STEM) and Auger electron spectroscopy for the microanalysis of grain boundary segregation 8-87685
- Doig, P.** *see* Sieradzki, K. 8-84985
- Doiron, T., Meyer, H.** Dielectric constant of ^3He near the liquid-vapour critical point 8-56016
- Dojo, M.** *see* Shibuya, A. 8-66285
- Dokashenko, V.P., Eremenko, V.V., Matyushkin, E.V.** On the effect of statistical properties of light on the intensity of two-exciton many-photon absorption in antiferromagnetic crystalline MnF_2 8-95589
- Doke, T., Hayashi, T., Ito, K., Yanagimachi, T., Kobayashi, S., Hisano, K., Nogata, K., Miyajima, M.** Observation of super heavy primary cosmic ray nuclei with solid state track detectors and X-ray films 8-61688
- Doke, T.** *see* Hasebe, N. 8-94171
- Doke, T.** *see* Kase, M. 8-86555
- Doke, T.** *see* Kubota, S. 8-60521
- Doki, H.** *see* Tani, J. 8-79253
- Dokiya, Y.** *see* Yamazaki, S. 8-69519
- Dokopoulos, P.** The production of high power impulses by inductive energy storage 8-50293
- Dokshitzer, Yu.L., D'yakonov, D.I., Troyan, S.I.** Hard semi-inclusive processes in QCD 8-93862
- Dokter, H.D., Davidov, D., Bloch, J.M., Felner, I., Shaltiel, D.** Crystalline field effects and exchange parameters in metallic beryllides 8-52348
- Dokter, H.D., Davidov, D.D., Shaltiel, D.** Observation of Nd^{3+} paramagnetic resonance in intermetallic compounds 8-52349
- Dokter, H.D.** *see* Bloch, J.M. 8-84481
- Dokuchaev, V.G.** *see* Gagarin, A.P. 8-52598
- Dokuchaev, V.P.** *see* Grigor'ev, G.I. 8-85621
- Dokuchaeva, O.D.** *see* Arkhipova, V.P. 8-69814
- Dokumaci, E.** Pseudo-coupled bending-torsion vibrations of beams under lateral parametric excitation 8-90749
- Dolan, D.** *see* Yost, W.A. 8-85321
- Dolan, J.F.** *see* Dennis, B.R. 8-93473
- Dolan, L.** Complex solutions of Yang-Mills 8-62308
- Dolan, T.J.** *see* Moir, R.W. 8-55743
- Doland, C.** *see* O'Neill, P. 8-56530
- Dolder, K.T.** Collisions between charged particles 8-58843
- Doldissen, W., Bakale, G., Schmidt, W.F.** Excess electron mobility in liquid ethane at room temperature 8-72218
- Dole, M.** *see* Patel, V.M. 8-76855
- Dolenko, G.N.** *see* Domashevskaya, E.P. 8-92176
- Dolezky, N.E.** *see* Nolen, R.L., Jr. 8-50301, 8-50306
- Dolganov, V.K.** Influence of order in a liquid-crystal structure on electronic spectra 8-71675
- Dolgikh, B.A.** *see* Plotnikov, V.G. 8-82776
- Dolgikh, Yu.K.** *see* Simonenko, A.F. 8-49927
- Dolginov, A.Z., Mitrofanov, I.G.** Origin of the intrinsic linear polarization of the optical emission of stars with infrared excesses 8-96481
- Dolginov, A.Z., Mytrophanov, I.G.** Circular polarization of zodiacal light and stellar radiation scattered on circumstellar clouds 8-96428
- Dolginov, A.Z., Urpin, V.A.** The effect of solar activity on the acceleration of particles near Jupiter 8-57526
- Dolginov, L.M.** *see* Govorkov, A.V. 8-72040
- Dolginov, Sh.Sh.** Planetary magnetism: a survey 8-73664
- Dolgoplov, D.G.** *see* Vorontsov, S.A. 8-84429
- Dolgoplov, V.T., Dorozhkin, S.I.** Structure of layer generated on surface of aluminum $\text{H} > \text{H}_2$ magnetic field is switched on 8-56268
- Dolgopolskii, V.P., Seisyan, R.P., Efros, A.L., Jr.** The ground state of a Wannier-Mott exciton in diamond-like semiconductors in 'intermediate' magnetic fields 8-79938
- Dolgov, O.V., Maksimov, E.G.** Sign of the static dielectric permittivity of simple metals 8-76012
- Dolgov, V.M.** *see* Gol'tsev, V.P. 8-58356
- Dolgov, V.N., Shulemovich, V.M.** Turbulent viscosity for incompressible gradient flows before separation and on a rough surface 8-87338
- Doli, P., Bini, M., Hendrie, D.L., Kauffmann, S.K., Mahoney, J., Menchaca-Rocha, A., Scott, D.K., Symons, T.J.M., van Bibber, K., Viyogi, Y.P., Wieman, H., Baltz, A.J.** Systematic study of Coulomb absorption in heavy ion scattering 8-70558
- Dolidze, N.D.** *see* Gerasimov, A.B. 8-55893
- Dolin, P.I.** *see* Fel', N.S. 8-58877
- Dolino, G.** *see* Pique, J.P. 8-88280
- Dolinskii, Yu.L.** Nonlinear behaviour of a superconductor in an electromagnetic field 8-68108
- Dolinszky, T.** Half-off-shell phase equations for non-local interactions 8-70019
- Dolitskii, I.N., Fedorenko, T.A.** Piezoelectric modulation transducers for alternating pressures 8-77891
- d'Oliveira, A.** Brandao *see* Brandao d'Oliveira, A.
- Dolivo, G.** *see* Rice, S.A. 8-73064
- Doll, D.** Engineering problems and design features of an ignition test reactor 8-54978
- Doll, D.** *see* Sager, P. 8-54977
- Doll, J.D.** Generalized Langevin theory of gas/solid surface dynamics: A formulation for thermal desorption 8-60024
- Doll, P.** *see* Mairle, G. 8-58288
- Doll, P.** *see* Riedesel, H. 8-78238
- Doll, R.** *see* Berndt, H. 8-74112
- Doll, W., Schinker, M.G., Weidmann, G.W.** Measurement of fast crack propagation in glass under dynamic loading 8-73009
- Doll, W.** *see* Weidmann, G.W. 8-84964
- Dollard, J.D.** Time dependent scattering theory for infinite delta function potentials in one dimension 8-49704
- Dolle, H., Hauk, V.** System for the possible lattice strain distributions of mechanically stressed metallic materials 8-52884
- Dollen, F.J.** Von *see* Von Dollen, F.J.
- Dollfus, A., Chapman, C.R., Davies, M.E., Gengerich, O., Goldstein, R., Guest, J., Morrison, D., Smith, B.A.** IAU nomenclature for albedo features on the planet Mercury 8-53848
- Dollimore, D., Heal, G.R.** The analysis of gas adsorption data to determine pore structure 8-63939
- Dollimore, J.** *see* Barton, S.S. 8-60025
- Dolling, G., Holden, T.M., Svensson, E.C., Buyers, W.J.L., Lander, G.H.** Phonon dispersion relation of uranium nitride above and below the Neel temperature 8-59900
- Dollinger, R.** *see* Kunhardt, E. 8-49866
- D'Olive Campos, M.** *see* Ribeiro, C.A. 8-83009

- Dol'nikov, S.S.** *see* Pimenov, V.N. 8-52826
- Dolocan, V.** Transmission spectra of bismuth trioxide thin films 8-76440
- Dolomanskii, Yu.K.**, Ryzhkov, V.M. Special features of the observation of the optical-pumping signal in the He^3 8-82700
- Doltsinis, J.St.** *see* Argyris, J.H. 8-77692
- Doltsinis, J.St.** *see* Balmer, H.A. 8-63312
- Dolukhanyan, S.K.** *see* Martirosyan, N.A. 8-60634
- Dolzanskii, Yu.M.** Use of the simplex method to select the optimal heat treatment 8-84869
- Dolzhenkov, I.I.** *see* Parusov, V.V. 8-95742
- Domagala, A.** Method of measuring effective power drawn by production equipment in industrial conditions 8-93727
- Domaille, P.J.**, Steimle, T.C., Harris, D.O. Optical-optical double resonance with two dye lasers: rotational analysis of the $\text{E}^2\Sigma-\text{B}^2\Sigma$ system of Ca^{35}Cl 8-70855
- Domaille, P.J.** *see* Harris, D.O. 8-82757
- Domaille, P.J.** *see* Nakagawa, J. 8-74685
- Domange, J.L.** *see* Moisan, J.M. 8-84076
- Domarov, M.M.** *see* Galerkin, L.I. 8-77275
- Domanski, R.** Establishing application limits for classical Fourier and wave heat conduction equations for metals on the basis of analytical solution and calculated temperature distribution in case of giant heat pulse 8-94518
- Domanskii, A.I.** *see* Smolin, YU.I. 8-95043
- Domany, E.** Criticality and crossover in the bond-diluted random Ising model 8-56320
- Domany, E.**, Krumhansl, J.A., Teitel, S. Quasistatic approximation to the scattering of elastic waves by a circular crack 8-67080
- Domany, E.**, Riedel, E.K. Phase transitions in lower-dimensional systems 8-68241
- Domarkas, V.**, Masonis, A., Petrauskas, A. New types of electroacoustic transducers for gases 8-59241
- Domarkas, V.I.** *see* Piletskas, E.L. 8-51026
- Domashev, Ye.D.** *see* Tolubinskiy, V.I. 8-55639
- Domashevskaya, E.P.** *see* Yurakov, Yu.A. 8-95238
- Domashevskaya, E.P.**, Terekhov, V.A., Ugai, Ya.A., Nefedov, V.I., Sergushin, N.P., Dolenko, G.N. Electronic structure of the valence bands of titanium, copper, and zinc phosphides deduced from X-ray spectra and X-ray photoelectron data 8-92176
- Domashevskii, B.N.**, Geiser, A.I. Polarization of cracks when magnetized in a longitudinal alternating field 8-53094
- Domashevskii, B.N.**, Kolesnikov, V.I., Esin, N.N. A ferroprobe flaw detector with RF pulse excitation 8-53081
- Domb, E.R.**, Sellmyer, D.J., Quick, T.M., Borg, R.J. Ferromagnetic and spin-glass ordering in Fe-doped AuPd_{1-x} alloys 8-56335
- Dombek, T.**, Hyman, L.G., Koetke, D.D., Phe-lan, J.J., Singer, R., Barish, S.J., Hartner, G.F., Patel, P.M., Levman, G.M., Sreedhar, V.A., Yoon, T.-S., Grechko, V.E., Grishin, V.G., Kuznetsov, A.A., Leikin, E.M., Melnikova, N.N., Murzin, V.S., Pozhidaeva, N.A., Sarycheva, L.I., Scheglova, L.M., Shvchenko, V.G., Smirnova, L.N., Solomin, A.N., Jancso, G. Multiplicity distributions and rescattering effects in pd interactions at 200 GeV/c 8-82255
- Dombey, N.** *see* Bailin, D. 8-89056
- Dombi, S.** *see* Gacs, I. 8-70688
- Dombre, M.** *see* Allibert, C. 8-76631
- Dombrovskii, L.A.** Radiative-convective heat transfer in an optically thin boundary layer near the leading edge of a flat plate 8-91027
- Domcke, W.**, Cederbaum, L.S., Schirmer, J., Von Niessen, W., Maier, J.P. Breakdown of the molecular orbital picture of ionization for inner valence electrons: Experimental and theoretical study of H_2S and PH_3 8-82619
- Domcke, W.** *see* Cederbaum, L.S. 8-90234
- Domcke, W.** *see* Koppel, H. 8-62948
- Domcke, W.** *see* Schirmer, J. 8-70883, 8-82784
- Domen, S.R.** *see* Guiho, J.-P. 8-74512
- Domenico, S.N.** Elastic properties of unconsolidated porous sand reservoirs 8-61400
- Domens, F.**, Cadene, M., Cohen Solal, G.W., Martinuzzi, S. Optical and electrical characterization of thin (10 micron) $\text{Cd}_{1-x}\text{Zn}_x\text{S}$ films 8-64153
- Domin, J.**, Domin, U., Rytel, M. Measurements on the fourth positive band system of $^{14}\text{C}^{16}\text{O}$ molecule in the near ultraviolet region 8-66559
- Domin, U.** *see* Domin, J. 8-66559
- Domine-Berges, M.** *see* Heindl, R. 8-52306
- Domingo, J.J.** *see* Pedroni, E. 8-66321
- Domingo, V.**, Page, D.E., Wenzel, K.-P. Where do charged particles enter in and exit from the magnetosphere? Some HEOs-2 measurements 8-61671
- Domingo, V.** *see* Formisano, V. 8-61672
- Domingo, V.** *see* Perron, C. 8-77444
- Dominguez, C.A.** Zero-mass quarks and the $\text{U}(1)$ problem 8-82124
- Dominguez, E.** *see* Lora-Tamayo, A. 8-88551
- Dominguez, J.** *see* Brebbia, C. 8-73860
- Dominguez, L.R.** *see* Spencer, W.J. 8-53565
- Dominguez, R.R.**, Berk, H.L. Stability of inter-change modes in a hot electron plasma 8-67341
- Dominiak-Dzik, G.** *see* Jezowska-Trzebiatowska, B. 8-64403
- Dominici, D.**, Longhi, G. A pseudoclassical Lagrangian for two interacting spinning particles 8-86426
- Dominicis, C.** *De see* De Dominicis, C.
- Dominik, B.**, Jessberger, E.K. Early lunar differentiation: 4.42-AE-old plagioclase clasts in Apollo 16 breccia 67435 8-65514
- Dominy, J.F.**, Hinkle, K.H., Lambert, D.L., Hall, D.N.B., Ridgway, S.T. The $^{12}\text{C}/^{13}\text{C}$ ratio in stellar atmospheres. IX. The cool carbon star V460 Cygni 8-93223
- Domke, H.** Linear Fredholm integral equations for radiative transfer problems in finite plane parallel media. I. Imbedding in an infinite medium 8-81532
- Domke, H.** Linear Fredholm integral equations for radiative transfer problems in finite plane parallel media. II. Imbedding in a semi-infinite medium 8-81533
- Dommanget, J.** Computation method for the orbit of a visual binary in all cases of eccentricity 8-85974
- Dommelen, M.E.** *Van see* Van Dommelen, M.E.
- Domnin, S.L.**, Efanov, V.A., Korsenskaya, E.S., Korsenskii, V.A., Moiseev, I.G., Nesterov, N.S., Strepka, I.D. The system of recording and processing of radioastronomical data in real time 8-65507
- Domnin, S.L.**, Efanov, V.A., Korsenskii, V.A., Moiseev, I.G., Nesterov, N.S. The use of a computer for excluding the influence of radiometer instability on measurement results 8-65506
- Domokos, G.**, Kovesi-Domokos, S. The algebra of color 8-62354
- Domokos, G.** *see* Casalbuoni, R. 8-70304
- Don, M.**, Eggermont, J.J. Analysis of the click-evoked brainstem potentials in man using high-pass noise masking 8-61193
- Donachie, M.J., Jr.** Phase extraction and analysis in superalloys—second summary of investigations by ASTM subcommittee E04.91 8-72951
- Donagi, A.E.**, Surkes, M. Surveillance and accident prevention of radionuclide users in Israel 8-57077
- Donahue, D.J.**, McIntyre, L.C., Jr., Rathmann, P. Beam-foil measurements of mean lives in B IV and B V below 450 Å 8-90120
- Donald, I.W.**, McMillan, P.W. Infra-red transmitting materials. I. Crystalline materials 8-55417
- Donald, J.K.** *see* Saxena, A. 8-72949
- Donaldson, A.B.** *see* Schimmel, W.P., Jr. 8-90643
- Donaldson, J.D.**, Thomas, M.J.K. The ^{121}Sb Mossbauer effect in the mixed valence phases $\text{M}^{IV}\text{Sb}_2\text{O}_7$ ($\text{M}^{IV}=\text{NH}_4$, Rb or Cs, $\text{M}^{IV}=\text{Se}$, Te or Sn) 8-84506
- Donaldson, J.D.** *see* Paul, A. 8-60438
- Donaldson, P.B.** Melting of Antarctic icebergs 8-88863
- Donaldson, T.P.** *see* Wagli, P. 8-63550
- Donatelli, D.E.** *see* Burke, W.J. 8-77408
- Donath, F.A.** *see* Hebel, L.C. 8-54863
- Donath, M.** *see* Grimes, D.L. 8-81081
- Donati, J.R.** *see* Berge, Ph. 8-60866
- Donati, S.** Laser interferometry by induced modulation of cavity field 8-49888
- Donati, S.** A novel laser interferometer for distance measurements 8-89442
- Donati, S.**, Speziali, V. Interferometric detection of biological signals due to mobility 8-53467
- Donati, S.**, Speziali, V. A non-contact high sensitivity laser stethoscope 8-69176
- Donati Falchi, A.**, Felli, M., Pampaloni, P., Tofani, G. The development and structure of bright active regions at 2.8 cm 8-53910
- Donati Falchi, A.** *see* Caccin, B. 8-61837
- Donato, A.** On the evolution of discontinuities and determination of a class of elastic potentials compatible with the propagation of exceptional waves in a continuous medium subjected to particular finite deformation 8-54202
- Donato, A.** The propagation of weak discontinuities in quasi-linear hyperbolic systems when a characteristic shock occurs 8-79153
- Donato, J.W.** *see* Quay, R. 8-50390
- Donato, O.** *De see* De Donato, O.
- Donato, P.** Scattering eikonal for two classical relativistic particles 8-81828
- Donato, R.J.** Model experiments on surface waves 8-55491
- Donatti, D.A.** *see* Villaverde, A.B. 8-68486
- Donau, F.**, Frauendorf, S. A core-quasiparticle-coupling model for odd-A transitional nuclei 8-54701
- Doncaster, C.C.** *see* Forder, D. 8-74089
- Donchenko, M.I.** *see* Antropov, L.I. 8-61022
- Donders, J.J.H.**, Wassink, J.H., Snoeck, B. STIPS—a systolic time interval processing system 8-81029
- Dondi, M.G.** *see* Torello, F. 8-50610
- Dondi, P.H.** Cancellation of infrared divergences in Yang-Mills theories 8-54547
- Dondos, A.**, Benoit, H. Linear representation of viscosity data as a function of molecular weight 8-67844
- Donelan, M.A.**, Motycka, J. Miniature drag sphere velocity probe 8-55705
- Donelon, J.J.** *see* Aepli, G. 8-89601
- Donets, I.G.** *see* Tresvatskii, S.G. 8-51495
- Dong, D.**, Irene, E.A., Young, D.R. Preparation and some properties of chemically vapor-deposited Si-rich SiO_2 and Si_3N_4 films 8-76607
- Dong, R.Y.** Deuterium quadrupole splittings and hydrocarbon chain ordering in model membranes 8-64947
- Dong, R.Y.**, Tomchuk, E. Nuclear magnetic resonance study of soft-mode dynamics in the nematic phase of p-oxoanisole 8-79749
- Dong Bi-Zhen**, Chen Zheng-Hao, Chen Yan-Song, Deng Dao-Qun, Ju Rui Wide-angle holography 8-90392
- Dong Hoon Kim** *see* Soo Hyun Suh 8-54818
- Dong In Lee** The effect of compressibility on breakdown and modification of the surface roughness factor in compressed SF_6 8-75449
- Dong Nguyen Van** *see* Nguyen Van Dong
- Dong Nyung Lee** Thermodynamic calculation of ternary phase diagrams 8-68672
- Dong Vu** *see* Vu Dong
- Dong-in Lee** *see* Crichton, B.H. 8-87565
- Dong-Ping Wang**, Elliott, A.J. Non-tidal variability in the Chesapeake Bay and Potomac River: evidence for non-local forcing 8-92829
- Dongen, F.G.** *van see* van Dongen, F.G.
- Dongen, J.C.M.** *van see* van Dongen, J.C.M.
- Dongen Torman, J.** *van see* van Dongen Torman, J.
- Donguy, J.R.**, Henin, C. Hydroclimatic anomalies in the South Pacific 8-65335
- Doni, E.**, Pastori Parravicini, G., Girlanda, R. A note on the polarization dependence of the two-photon absorption coefficient in crystals. Extension to circularly polarized light 8-80379
- Doni, E.** *see* Balzarotti, A. 8-63974
- Doniach, S.** Thermodynamic fluctuations in phospholipid bilayers 8-73140
- Donika, F.G.** *see* Kobzareno, V.N. 8-52677
- Donker, D.N.J.**, Nijio, L., Storm van Leeuwen, W., Wieneke, G. Interhemispheric relationships of responses to sine wave modulated light in normal subjects and patients 8-77049
- Donkersloot, H.** *see* van Landuyt, J. 8-91902
- Donkersloot, M.C.A.** Concentration dependence of the zero-angle X-ray scattering from aqueous solutions of potassium chloride at 25°C 8-83713
- Donleavy, A.P.** Simple darkroom timer 8-89577
- Donn, B.**, Cody, R.J. On the detection of newly created CN radicals in comets 8-61798
- Donn, B.** *see* Day, K.L. 8-54015
- Donn, W.L.** *see* Rind, D.H. 8-85495
- Donnachie, A.** *see* Berends, F.A. 8-62410
- Donnachie, A.** *see* Randa, J. 8-78175
- Donnadieu, A.**, Seraphin, B.O. Optical performance of absorber reflector combinations for photothermal solar energy conversion 8-63168
- Donnay, J.D.H.**, Le Page, Y. The vicissitudes of the low-quartz crystal setting or the pitfalls of enantiomorphism 8-79496
- Donne, M.D.** *see* Lyall, H.G. 8-51241
- Donne, M.D.** *Dalle see* Dalle Donne, M.
- Donnelly, J.P.** *see* Leonberger, F.J. 8-79143
- Donnelly, K.E.**, Kernahan, J.A., Pinnington, E.H. Mean-life measurements for some terms in C II, C III, and C IV 8-90121
- Donnelly, K.E.** *see* Pinnington, E.H. 8-55223
- Donnelly, R.A.** *see* Parr, R.G. 8-66485
- Donnelly, R.F.**, Kane, S.R. Impulsive extreme-ultraviolet and hard X-ray emission during solar flares 8-65578
- Donnelly, R.F.** *see* Emslie, A.G. 8-61845
- Donnelly, R.G.**, King, T.S. Surface composition and surface size distribution of Cu-Ni alloys via a Monte Carlo method 8-63915
- Donnelly, R.J.**, Walden, R.W., Roberts, P.H. Dielectric model of roton interaction in dilute solutions of ^3He in ^4He 8-55998
- Donnelly, R.J.** *see* Ostermeier, R.M. 8-95198
- Donnelly, R.J.** *see* Roberts, P.H. 8-55999
- Donnelly, S.E.** A thermal evolution study of the trapping and release of inert gases in nickel 8-95077
- Donnelly, S.E.**, Ingram, D.C. Thermal evolution of gas from a solid following detrapping and diffusion during a linear tempering schedule 8-75889
- Donnelly, S.E.** *see* Farrell, G. 8-95072
- Donnelly, T.A.** *see* Onn, D.G. 8-68274

- Donnelly, T.W.**, van Orden, J.W., de Forest T., Jr., Hermans, W.C. Meson exchange currents in deep inelastic electron scattering from nuclei 8-66268
- Donnelly, V.M.**, Kaufman, F. Fluorescence lifetime studies of NO_2 . II. Dependence of the perturbed $^2\text{B}_2$ state lifetimes on excitation energy 8-90202
- Donnelly, V.M.** *see* Levy, D.H. 8-74696
- Donnelly, V.M.** *see* McDonald, J.R. 8-90238
- Donnerhacke, K.-H.**, Hilbert, C., Schubert, M., Wiederhold, G., Fritsche, M. Pulse shaping and pulse lengthening of CO_2 -TEA lasers 8-83010
- Donnet, J.-B.** *see* Papirer, E. 8-68920
- Donnison, J.R.**, Williams, I.P. Possible orbits for a third star in the Sirius system 8-93312
- D'Onofrio, S.** *see* Cita, M.B. 8-57294
- Donoghue, J.F.** Hadronic polarization in neutrino scattering 8-74245
- Donoghue, M.T.** *see* Paul, A. 8-60438
- Donoghue, T.R.** *see* Terry, G.H. 8-93948
- Donoho, P.L.** *see* Arellano, M.E. 8-64252
- Donohue, D.L.**, Carter, J.A. Modified nebularizer for inductively coupled plasma spectrometry 8-58048
- Donoso, J.R.** *see* Delobelle, P. 8-76675
- Donovan, I.A.** *see* Griffin, D.W. 8-53496
- Donovan, R.C.** *see* Alderson, P.O. 8-85362
- Donovan, R.J.**, Gillespie, H.M. Large isotope effect in the quenching of $\text{I}(\text{S}^2\text{P}_{1/2})$ by benzene and benzene- d_6 8-62763
- Donovan-Vojtovic, B.F.**, Dodds, S.A., Chaikin, P.M. Fermi velocity of silver from proximity effect tunnelling 8-51875
- Donskoi, E.N.** *see* Savin, M.V. 8-78572
- Donskov, S.V.**, Inyakin, A.V., Kachanov, V.A., Krasnokutskii, R.N., Lednev, A.A., Mikhailov, Yu.V., Prokoshkin, Yu.D., Razuvev, E.A., Shuvaev, R.S. Measurement of coordinate in hodoscopic spectrometer 8-78549
- Donskov, S.V.** *see* Apel', V.D. 8-78223
- Doolen, G.D.** Nuclear excitation rate 8-66244
- Dooley, P.J.** *see* Hurely, R.E. 8-84660
- Doolling, R.J.**, Haskell, R.J. Auditory duration discrimination in the parakeet (*Melospittacus undulatus*) 8-65045
- Doolittle, J.H.** *see* Leavitt, M.K. 8-77429
- Doong, H.** *see* Ogilvie, K.W. 8-85809
- Door, H.** *see* Odler, I. 8-56602
- Doorn, C.F.** *see* van der Doorn, C.F.
- Doorn, S.** *see* Bannenberg, J.G. 8-66437
- Doorn, S.** *see* Woerlee, P.H. 8-78790
- Doornbos, D.J.** On seismic-wave scattering by a rough core-mantle boundary 8-61345
- Doornbos, J.**, Krijgsman, W., Van Der Wey, R., Jonker, C.C. Proton-neutron final-state interaction in the reaction $^3\text{H}(\text{p,pn})$ at 6.4, 10.0, 15.9, 19.85 and 25.8 MeV 8-54757
- Dopazo, C.** *see* O'Brien, E.E. 8-94669
- Doppel, E.**, Kuhlke, D., Dietel, W. The hyperfine structure of molecular iodine in saturated fluorescence 8-50569
- Doperchuk, I.I.** *see* But, D.A. 8-75226
- Dopita, M.A.** Optical emission from shocks. IV. The Herbig-Haro objects 8-85936
- Dopita, M.A.** *see* Fosbury, R.A.E. 8-65693
- Doppman, J.L.** *see* Alderson, P.O. 8-85113
- Doraiswamy, L.K.** *see* Tamhankar, S.S. 8-85139
- Doran, D.G.**, Simons, R.L. Computer simulation and damage function analysis 8-87721
- Doran, J.C.**, Verhalek, M.G. A note on the vertical extrapolation formulas for Weibull velocity distribution parameters 8-92916
- Doran, N.J.**, Wexler, G., Woolley, A.M. Fermi surfaces, charge-transfer and charge-density-waves in 4Hb-TaS_2 8-79926
- Dorazil, E.**, Svecar, J. Study of morphology of upper bainite in silicon steel 8-64537
- Dorchoman, D.**, Konstantin, M., Lazarovich, D., Muntyanu, I., Oganesyan, K.O., Porokhovoi, S.Yu. Light output of $\text{CsI}(\text{Ti})$ crystal exposed to protons with 3-15 MeV energies 8-78570
- Dorda, G.**, Eisele, I., Gesch, H. Many-valley interactions in n-type silicon inversion layers 8-52096
- Dorda, G.** *see* Englert, T. 8-60228
- Dorda, G.** *see* Englert, Th. 8-88041
- Dorda, G.** *see* Gesch, H. 8-60216
- Dorda, G.** *see* Jacobs, E.P. 8-63921
- Dordea-Ionas, D.** *see* Atanasiu, G. 8-55759
- Dore, C.** *see* Badelck, B. 8-90011
- Dore, C.** *see* Burg, J.P. 8-89741
- Dore, R.** *see* Lakis, A.A. 8-63395
- Dore, U.** *see* Amaldi, E. 8-78222
- Doreau, M.** *see* Malugini, J.P. 8-79805
- Doreau, M.** *see* Malugini, J.-P. 8-67854
- Doremalen, P.** *see* van der Doremalen, P.
- Doremus, J.P.** *see* Cantus, M. 8-85980
- Doren, V.E.** *see* van Doren, V.E.
- Doreswamy, C.V.**, Padiyar, K.R., Crowell, C.S. Energy spectrum of corona impulses generated from insulated wires under high AC voltages 8-71621
- Dorey, A.P.**, Pelc, S.F., Rawlinson, R.D., Wheeler, P.D. Evaluation of an active noise reduction system for use with ear defenders 8-92748
- Dorfán, D.** *see* Bunnell, K. 8-74258
- Dorfán, D.** *see* del Papa, C. 8-74264
- Dorfán, J.** *see* Heile, F.B. 8-74238
- Dorfán, J.M.** *see* Feller, J.M. 8-66136
- Dorfán, J.M.** *see* Jaros, J.A. 8-50042
- Dorfán, J.M.** *see* Scharre, D.L. 8-89723
- Dorflinger, D.** *see* Staudacher, T. 8-77918
- Dorfman, A.Sh.**, Selyavin, G.F. Exact solution of equations of the thermal boundary layer for axisymmetric rotating bodies with an arbitrary surface temperature distribution 8-75133
- Dorfman, A.Sh.** *see* Shvets, Yu.I. 8-83398
- Dorfman, J.R.** *see* Emrich, R.J. 8-89290
- Dorfman, J.R.** *see* Ernst, M.H. 8-71372
- Dorfman, J.R.** *see* Mason, E.A. 8-51276
- Dorfman, N.A.**, Kabanov, V.A., Kivva, F.V., Turgenev, I.S. Statistical characteristics of refractive index in atmospheric surface layer above sea 8-65363
- Dorfman, S.D.** The Pioneer Venus spacecraft program 8-61707
- Dorfman, S.G.** *see* Von Hofe, S.E. 8-65116
- Dorfmueller, T.** *see* Samios, D. 8-59731
- Doria, F.A.**, Abraham, S.M. Mesonic test fields and spacetime cohomology 8-78065
- Dorikens, M.** *see* Segers, D. 8-76553
- Dorikens-Vanpraet, L.** *see* Segers, D. 8-76553
- Dorin, R.H.**, Eastlake, D.E., III Use of the Datacomputer in the Vela seismological network 8-81411
- Dorin, V.A.**, D'yachenko, V.G., Dyatlov, A.I., Smolin, Yu.Z. A photometer for the continuous monitoring of the optical density of light filters produced by vacuum deposition 8-86317
- Doring, J.** *see* Winter, G. 8-62552
- Dorman, C.E.**, Saur, J.F.T. Temperature anomalies between San Francisco and Honolulu, 1966-1974, gridded by an objective analysis 8-92830
- Dorman, F.** *see* Kittelson, D.B. 8-95975
- Dorman, I.V.** *see* Ginzburg, V.L. 8-73590
- Dorman, L.I.** Manifestation of active solar processes in interplanetary space according to data on the variations of cosmic rays 8-57411
- Dorman, L.I.** Solar and galactic subcosmic rays: their connection with active processes on the Sun 8-61693
- Dorman, L.I.** Generalization of the spectrographic method and cosmic-ray sounding of meteorological conditions 8-69627
- Dorman, L.I.**, Kats, M.Ye. Green's function of the transport equation for the simplest models of cosmic-ray propagation 8-77441
- Dorman, L.I.**, Krest'yannikov, Yu.Ya. Spectrographic method of determining the temperature variations of cosmic-rays 8-69628
- Dorman, L.I.**, Krest'yannikov, Yu.Ya. Mean-mass temperature and spectrographic method for investigating cosmic-ray variations 8-73588
- Dorman, P.W.** *see* Shumate, P.W., Jr. 8-90423
- Dormann, J.L.** *see* Tran Khanh Hien 8-68169
- Dormostuchenko, G.M.**, Petrov, V.P. Investigating turbulent flow with suspended sediment by constructing the amplitude-frequency characteristic of the velocity-turbidity system 8-75195
- Dormoy, A.** *see* Friberg, J. 8-94818
- Dorn, W.G.** *see* van der Dorn, W.G.
- Dorner, B.**, Windscheif, J., von der Osten, W. Phonons in silver bromide at elevated temperature 8-79810
- Dorner, B.** *see* Bokhenkov, E.L. 8-79690
- Dorner, B.** *see* Prevot, B. 8-75756
- Dorner, S.** *see* Dalle Donne, M. 8-58372
- Dornfeld, H.** *see* Muller, A. 8-74668
- Dornhaus, R.**, Nimtz, G. Single-LO-phonon and -plasmon recombination channels narrow-bandgaps 8-91728
- Dornow, V.** *see* Daniel, H. 8-66694
- Doroba, K.** *see* Bartke, J. 8-66169
- Dorodnov, A.M.** *see* Barabanov, B.N. 8-51367
- Dorofeev, Yu.G.** *see* Koval'chenko, M.S. 8-60599
- Dorofeeva, N.P.** *see* Mazurin, O.V. 8-67655
- Dorogov, V.I.** *see* Volkov, N.G. 8-82561
- Dorokhin, A.V.** *see* Borisevich, N.A. 8-82772
- Dorokhov, I.N.** *see* Kafarov, V.P. 8-63485
- Dorokhov, O.N.** *see* Gor'kov, L.P. 8-56060
- Dorokhov, V.V.** *see* Dimirkhanov, R.A. 8-86468
- Dorokhova, G.A.** *see* Dimirkhanov, R.A. 8-86468
- Dorokhovich, V.P.** *see* Ivanov, V.K. 8-95820
- Doronin, I.F.** *see* Filippov, E.M. 8-65423
- Doronin, I.V.** *see* Bannykh, O.A. 8-95748
- Doronova, S.Yu.**, Nagnibeda, E.A. Simplified transport coefficients in the case of a vibrational-rotational relaxation in viscous gases 8-51270
- Doroshchuk, V.E.**, Levitan, L.L., Lantzman, E.P., Nigmatulin, R.I., Borevsky, L.Ya. Investigations into burnout mechanism in steam-generating tubes 8-90984
- Doroshenko, A.N.** *see* Demirkhanov, R.A. 8-75474
- Doroshenko, A.P.** *see* Katrukhin, Yu.K. 8-57990
- Doroshenko, N.A.** *see* Bratashevskii, Yu.A. 8-72116
- Doroshenko, V.T.**, Efimov, Yu.S., Rosenbush, A.E., Terebizh, V.Yu., Shenavrin, V.I. The optical and infrared observations of SU Tau 8-61860
- Doroshenko, Zh.F.** *see* Tsykalo, A.L. 8-67299
- Doroshkevich, A.G.**, Novikov, I.D., Polnarev, A.G. Temperature fluctuations in the primordial background radiation due to gravitational waves 8-65728
- Doroshkevich, A.G.**, Shandarin, S.F. Large-scale distribution and motion of galaxies 8-54056
- Doroshkevich, A.G.**, Shandarin, S.F., Saar, E. Spatial structure of protoclusters and the formation of galaxies 8- ω
- Doroshkina, T.A.** *see* Starzhinskii, V.E. 8-68842
- Dorozhkin, L.M.**, Kizel', V.A., Kuz'minov, Yu.S., Shigorin, V.D., Shipulo, G.P. Dispersion of the quadratic susceptibility of barium-strontium niobate crystals and their structure 8-59078
- Dorozhkin, S.I.** *see* Dolgoplov, V.T. 8-56268
- Dorr, F.** *see* Friedrich, J. 8-76509
- Dorr, K.** *see* Winnacker, A. 8-91994
- Dorr, R.**, Grabner, E.W. Digital simulation of a rotating disk electrode with optically transparent ring 8-53210
- Dorre, T.** *see* Rennert, P. 8-63970
- Dorrepaal, J.M.** Stokes flow past a smooth cylinder 8-55627
- Dorrity, I.A.** *see* Rosseinsky, D.R. 8-52527
- Dorrscheidt, G.J.** A reversible method for sound analysis adapted to bio-acoustical experiments 8-57137
- Dorrscheidt, W.**, Schafer, H. The structure of BaPtSn_3 , BaNiSn_3 and SrNiSn_3 and their relationship with the ThCr_2Si_2 structure type 8-51470
- Dorsaz, P.A.** *see* Baldi, R. 8-50050, 8-50052
- Dorsaz, P.A.** *see* Martin, A.D. 8-50051, 8-50053, 8-82230
- Dorschner, J.**, Friedemann, C., Gurtler, J. Equivalent widths of the $10\text{-}\mu\text{m}$ interstellar silicate feature and dust temperatures in infrared sources 8-57614
- Dorschner, T.A.**, Smith, I.W., Statz, H. A manganese bismuth magnetic mirror for the Raytheon laser gyroscope 8-79064
- Dorset, D.L.** Transmission electron diffraction intensities from real organic crystals: thin plate microcrystals of paraffinic compounds 8-83821
- Dorset, D.L.** Continuous diffuse electron scattering from polymethylene compounds. II. Oblique layer crystals 8-95004
- Dorset, D.L.**, Sek-Wen Hui Crystal-bending and high-resolution protein-structure determination from electron-diffraction data 8-53325
- Dorsinville, R.** Laser effect and relaxation of rotation in solutions of organic compounds 8-58738
- Dorst, D.** *see* Eckhardt, W.O. 8-74488
- Dorth, W.** *see* Hansl, T. 8-74244, 8-89698, 8-89860
- Dorth, W.** *see* Holder, M. 8-55103
- Dorward, R.C.**, Hasse, K.R. Long-transverse stress corrosion cracking behaviour of aluminium alloy AA 7075 8-95835
- Dorward, R.C.**, Hasse, K.R., Helfrich, W.J. Marine atmosphere stress corrosion tests on precracked specimens from high-strength aluminium alloys: effect of corrosion-product wedging 8-88570
- Dory, R.A.** *see* Dandl, R.A. 8-58429
- Dory, R.A.** *see* Peng, Y.-K.M. 8-51333, 8-54895
- Dorzhiev, V.S.**, Advokatov, V.R., Tsydyppov, Ch.Ts. An investigation of the seasonal variations of the electrical properties of the underlying media in the $10\text{-}1000\text{ kHz}$ band 8-88796
- Dos Remedios, L.V.** *see* Schor, R.A. 8-85360
- Dos Santos, F.** *see* Wasilevsky, C. 8-50182
- dos Santos, N.** *see* Harter, W.G. 8-49594
- Dosanji, D.S.**, Bhutiani, P.K., Ahuja, K.K. Supersonic jet noise suppression by coaxial cold/heated jet flows 8-63468
- Doschek, G.A.**, Feldman, U. EUV spectra from Skylab (1175-1940 Å). Mass motions in the transition zone in regions of solar activity 8-85922
- Doschek, G.A.** *see* Cohen, L. 8-89139
- Doschek, G.A.** *see* Feldman, U. 8-53903, 8-96446
- Doshchanov, K.M.** Piezoresistance of grain boundaries in piezoelectric crystals 8-51995
- Doshchinskii, G.A.**, Midukov, V.Z. Volume change of porous metal materials under high pressures 8-52906

- Doshi, M.R.**, Daiya, P.M., Gill, W.N. Three dimensional laminar dispersion in open and closed rectangular conduits 8-94636
- Doshi, N.** *see* Bagolia, C. 8-53893
- Dosser, L.R.** *see* Srivastava, R.B. 8-76999
- Dossin, F.** *see* Barbier, R. 8-65602
- Dosso, H.W.** *see* Hibbs, R.D. 8-61329
- Dosso, L.** *see* Vidal, P. 8-57178
- Dost, M.** *see* Badawy, I. 8-66291
- Dost, M.** *see* Berinde, A. 8-82830
- Dost, S.**, Tabarrok, B. On velocity potentials and stress functions 8-93534
- Dostal, J.**, Fratta, M. Trace element geochemistry of a Precambrian diabase dike from western Ontario 8-61414
- Dostal, K.-P.** *see* Nagel, M. 8-93968
- Dostkhodzhaev, T.N.**, Emtsev, V.V., Korchazhina, R.L., Mashovets, T.V. Nature of point defects formed in germanium as a result of low-temperature irradiation 8-71759
- Dostrovsky, I.** *see* Bahcall, J.N. 8-58563
- Dotan, I.**, Albritton, D.L., Fehsenfeld, F.C., Streit, G.E., Ferguson, E.E. Rate constants for the reactions of O^- , O_2^- , NO_2^- , CO_3^- , and CO_4^- with HCl and ClO $^-$ with NO, NO $_2$, SO $_2$, and CO $_2$ at 300K 8-76829
- Dotan, I.**, Fehsenfeld, F.C., Albritton, D.L. Energy dependence of the reaction of O_2^+ with CH $_4$ 8-76850
- Dotan, I.** *see* Davidson, J.A. 8-56879
- Dotan, I.** *see* Fehsenfeld, F.C. 8-57251
- Dotan, I.** *see* Lindinger, W. 8-60985
- Dote, T.** A general ambipolar diffusion theory of positive columns composed of mixed ions 8-94897
- Dotoku, K.**, Yamada, H., Sakamoto, S., Noda, S., Yoshida, H. Field emission into nonpolar organic liquids 8-88406
- Dotisch, H.** Investigation of magnetic bubble films using spin wave and magnetoelastic resonances 8-91913
- Dotsenko, R.F.** *see* Olodovskii, P.P. 8-67264
- Dotsenko, S.F.** On the influence of broken ice upon the development of ship waves 8-65326
- Dotsenko, S.F.** On the asymptotic analysis of unsteady waves from initial periodic and travelling disturbances 8-77254
- Dotson, R.L.** The electron as reagent 8-64846
- Dotti, D.**, Galligani, I., Gatti, E., Macchi, E., Pizzolati, P.L., Taccardi, B., Viganotti, C. Automatic recording and processing of electromaps for clinical use and physiological research 8-57116
- Doty, L.F.** *see* Kraus, A.D. 8-90635
- Doudy, J.**, Ellinger, Y., Subra, R. The PCILO method at the INDO level 8-62725
- Doubek, E., Jr.** Least energy regulation of the arterial system 8-53434
- Doublas, M.** Fine structure of helium 8-82632
- Doubouchine, G.N.** On the circular restricted problem of three solid bodies 8-93084
- Doubraiva, P.**, Averyanov, V.L., Skacha, J. Spectral characteristics of photodarkening of a-As $_{20}$ Se $_{80}$ films 8-76494
- Doubt, H.A.** Excitation regimes in hydrogen- and helium-like ions 8-70928
- Doubt, H.A.** *see* Moorhouse, T.J. 8-93965
- Doucet, J.**, Keller, P., Levelut, A.M., Porquet, P. Evidence of two new ordered smectic phases in ferroelectric liquid crystals 8-51407
- Doucet, J.**, Levelut, A.-M., Lambert, M. Structure and dynamics of the ordered smectic phases 8-94971
- Doucet, J.** *see* Bartolino, R. 8-94986
- Doudoladov, Y.P.** *see* Megie, G. 8-61613
- Dougall, R.S.** *see* Jacob, M.C. 8-90995
- Dougan, R.J.** *see* Illige, J.D. 8-94027
- Dougherty, D.**, Younathan, E.S., Voll, R., Abdulnur, S., McGlynn, S.P. Photoelectron spectroscopy of some biological molecules 8-77005
- Dougherty, D.** *see* McGlynn, S.P. 8-65156
- Dougherty, H.T.**, Dutton, E.J. Estimating year-to-year variability of rainfall for microwave applications 8-88885
- Dougherty, R.L.** *see* Crosbie, A.L. 8-90678
- Doughty, B.M.**, Goad, M.L., Cernosek, R.W. Electron capture into the 4s state of atomic hydrogen by H $^+$ impact on noble gases 8-82836
- Doughty, K.** *see* Das-Gupta, D.K. 8-88256, 8-92027
- Douglas, B.C.**, Goad, C.C. The role of orbit determination in satellite altimeter data analysis 8-77177
- Douglas, B.C.** *see* Goad, C.C. 8-73662
- Douglas, D.J.**, Moore, C.B. Vibrational relaxation of HF ($v=3,4$) 8-82817
- Douglas, J.A.**, Marshall, M. The responses of some TL albedo neutron dosimeters 8-96099
- Douglas, J.E.**, Kenyon, G.L., Kollman, P.A. The ammonia-sulfur trioxide interaction. An ab initio study 8-82612
- Douglas, M.** *see* Estoque, M.A. 8-57283
- Douglas, M.H.**, O'Neil, T.M. Transport of a nonneutral electron plasma due to electron collisions with neutral atoms 8-67318
- Douglas, R.J.** *see* Virtue, C.J. 8-88379
- Douglas-Hamilton, D.H.** Transmission at $\lambda=10.6\text{-}\mu\text{m}$ wavelength through the upper atmosphere 8-85688
- Douglass, D.C.** *see* Gillen, K.T. 8-78721
- Douglass, D.H.** *see* McGuigan, D.F. 8-57915
- Douglass, K.H.** *see* Qureshi, S. 8-65110
- Douglass, R.H., Jr.**, Bakstad, P.J. Systems aspect of Ocean thermal energy conversion 8-96235
- Douglass, R.W.** *see* Shaughnessy, E.J. 8-94797
- Douhet, G.** *see* Badelek, B. 8-90011
- Doukakis, S.** Remarks on time and reference frames 8-69272
- Doukas, A.G.**, Aton, B., Callender, R.H., Honig, B. Resonance Raman excitation profiles of all-trans retinal: theoretical implications 8-73137
- Doukhan, N.** *see* Duclos, R. 8-80593
- Douklias, N.** *see* Aulich, H. 8-63211
- Doulat, J.** *see* Couach, M. 8-52126
- Douma, B.S.**, Geballe, T.R. Stark cell noise reduction of a CO $_2$ laser beam 8-59059
- Doupnik, J.R.** *see* Horwitz, J.L. 8-77399, 8-77431
- Doupovec, J.** *see* Thurzo, I. 8-60388
- Dourneuf, M.** *see* Le Dourneuf, M.
- Douskos, C.N.** *see* Pande, G.C. 8-94831
- Dousse, J.C.** *see* Eichler, R. 8-66695
- Doussineau, P.**, Legros, P., Levelut, A., Robin, A. Intensity-dependent ultrasonic attenuation in a metallic glass at low temperatures 8-79671
- Doussineau, P.**, Levelut, A., Bellessa, G. Ultrasonic attenuation in amorphous metallic NiP 8-75789
- Doussineau, P.** *see* Hartemann, P. 8-84040
- Douth, H.F.**, Nicholas, E. The Phanerozoic sedimentary basins of Australia and their tectonic implications 8-96174
- D'Ouville, T.** *see* Ternisien *see* Ternisien D'Ouville, T.
- Dovbnya, A.N.** *see* Batgin, Yu.V. 8-70654
- Dove, D.B.** *see* Huijser, E. 8-68328
- Dove, D.B.** *see* Lin, Y.S. 8-91892
- Dove, D.B.** *see* Malm, D.L. 8-51805
- Dove, D.B.** *see* Molnar, B.J. 8-72620
- Dove, W.F.** *see* Hammer, D.A. 8-51334
- Dover, C.B.**, Richard, J.M. Strong tensor forces and the possibility of high-spin states in the nucleon-antinucleon system 8-66146
- Dover, C.B.**, Zabek, M.C. Photon and pion emission from the nucleon-antinucleon system 8-78208
- Dover, W.D.** *see* Boutle, N.F. 8-68792
- Dover, W.D.** *see* Hibberd, R.D. 8-64692
- Dovesi, R.**, Pisani, C., Ricca, F., Roetti, C. Chemisorption of periodic overlayers of atomic oxygen on graphite 8-75937
- Dovgopol, M.P.** *see* Gel'd, P.V. 8-84382
- Dovgopol, S.P.** *see* Gel'd, P.V. 8-84382
- Dovgopol, V.P.** *see* Pan, V.M. 8-52152, 8-87749
- Dovgoshei, N.I.** *see* Mitsa, V.M. 8-63159
- Doviak, R.J.**, Simmans, D., Walker, G.B. Considerations for pulse-Doppler radar observations of severe thunderstorms 8-85651
- Dovzhenko, V.A.**, Ershov, A.P., Solntsev, G.S. Electron energy distribution measurements taking into account the ion current second derivative 8-63594
- Dovzhenko, V.A.** *see* Solntsev, G.S. 8-63630
- Dovzhenko, V.A.** *see* Ershov, A.P. 8-51356
- Dow, P.**, Kessler, G. Design and construction of two 10.8 T.m superconducting beam bending magnets 8-82559
- Dow Whitney, E.** *see* Shepler, R.E. 8-64515
- Dowben, R.M.** *see* Koester, V.J. 8-86355
- Dowd, A.**, Maxwell, R.W. Temperature in an impinging argon jet 8-87498
- Dowd, J.** *see* Russ, J. 8-78202
- Dowdy, E.J.**, Henry, C.N., Millegan, D.R. Reduced variance multiplication meter for plutonium sample verification and assay applications 8-82527
- Dowell, E.H.** Reverberation time, absorption, and impedance 8-90601
- Dowell, J.D.** *see* Corden, M.J. 8-58207, 8-58209, 8-62470, 8-66164, 8-74283
- Dower, G.E.**, Osborne, J.A., Stewart, D., Schortinghuis, A.C. A new system for ECG analysis oriented toward polarcardiology 8-85447
- Dower, R.** *see* Gursky, H. 8-93459
- Dower, R.G.**, Apparao, K.M.V., Bradt, H.V., Duxsey, R.E., Jernigan, J.G., Kulik, J. Positions of galactic X-ray sources: $55^\circ < l^{\text{II}} < 320^\circ$ 8-61938
- Dower, R.G.** *see* Apparao, K.M.V. 8-61940
- Dower, R.G.** *see* Jernigan, J.G. 8-54094
- Dowgiallo-Plenkiewicz, B.**, Plenkiewicz, P. Spin-orbit and crystal field splittings of the valence band in In_2V_2 semiconducting compounds 8-63980
- Dowker, J.S.**, Kennedy, G. Finite temperature and boundary effects in static space-times 8-54526
- Dowling, A.** The sound of a suddenly tensioned membrane 8-90581
- Dowling, A.P.**, Ffowcs Williams, J.E., Goldstein, M.E. Sound production in a moving stream 8-79313
- Dowling, J.M.**, Martin, J.W. The influence of Mn additions on the fracture behaviour of an Al-Mg-Si alloy 8-60791
- Dowling, N.E.** Stress-strain analysis of cyclic plastic bending and torsion 8-90734
- Downer, D.** *see* Champion, J.V. 8-76933
- Downes, D.** *see* Genzel, R. 8-61901
- Downes, J.D.** *see* Flinn, I. 8-60395
- Downes, K.M.J.** Uranium content of some volcanic rocks of the East Avoca-Ballard mineralised belt Co. Wicklow, Ireland 8-69346
- Downes, R.A.**, Urbanski, J.L. Polarization of AN Ursae Majoris 8-85958
- Downie, D.B.** *see* Gronvold, F. 8-76253
- Downie, D.E.**, Berry, J., Jr., Wilcox, B.R. Computer simulation of left and right ventricular function. I. Development of a model and parameter estimation 8-53439
- Downing, D.M.** *see* Lee, J.W. 8-68914
- Downing, H.D.** *see* Sethna, P.P. 8-68500
- Downs, B.** Transverse vibrations of cantilever beams having unequal breadth and depth tapers 8-63373
- Downs, D.C.**, Murray, J.E., Lowdermilk, W.H. Technique to improve the stability of Q-switched oscillators 8-50837
- Downs, D.C.**, Murray, J.E., Lowdermilk, W.H. Stabilizing the output of a Q-switched laser 8-83003
- Downs, D.C.** *see* Murray, J.E. 8-51365
- Downs, D.S.** *see* Iqbal, Z. 8-79711
- Downs, M.J.**, Raine, K.W. Automatic fringe counting interferometer independent of changes in signal level 8-58018
- Downs, M.J.** *see* Raine, K.W. 8-77974
- Downs, R.L.** *see* Nolen, R.L., Jr. 8-50301
- Downward, M.J.**, Robb, M.A. The computation of the representation matrices of the generators of the unitary group 8-78610
- Dows, D.** *see* Coulter, D. 8-88652
- Doxsey, R.** *see* Gursky, H. 8-93459
- Doxsey, R.** *see* Johnston, M. 8-93467
- Doxsey, R.** *see* Schwartz, D.A. 8-96570
- Doxsey, R.E.** *see* Dower, R.G. 8-61938
- Doxsey, R.E.** *see* Jernigan, J.G. 8-54094
- Doyama, M.**, Nishida, T., Obara, M., Tanigawa, S. Atomic images in field ion microscopy at high temperatures 8-55792
- Doyama, M.** *see* Yamamoto, R. 8-51428, 8-83734
- Doyen, G.**, Ertl, G. Semiempirical theory of chemisorption on narrow d-band metals 8-75927
- Doyen, G.**, Grimley, T.B. Adsorbate induced photoemission 8-95668
- Doyennette, L.**, Menard-Bourcin, F., Seoudi, B. Collisional de-excitation of hydrogen chloride, excited into the $v=1$ vibrational level, by nitrosyl chloride 8-86934
- Doyle, B.L.**, Schiebel, U., Ellsworth, L.D., MacDonald, J.R. Efficient, high-spectral-resolution Bragg crystal X-ray polarimeter 8-74117
- Doyle, B.L.**, Schiebel, U., McDonald, J.R., Ellsworth, L.D. Charge-state dependence of the mean K-shell fluorescence yields of Si $^{4+}$ ions 8-55231
- Doyle, F.J.** The next decade of satellite remote sensing 8-69494
- Doyle, H.T.** *see* Hartquist, T.W. 8-85989
- Doyle, N.J.** *see* McGruer, J.N. 8-71719
- Doyle, P.A.**, Scala, C.M. Crack depth measurement by ultrasonics: a review 8-95903
- Doyle, R.F.** *see* Lazarus, M.S. 8-82783
- Doyle, W.T.** The Clausius-Mossotti problem for cubic arrays of spheres 8-52422
- Doyle, W.T.** The permittivity of cubic arrays of spheres 8-56415
- Dozier, L.B.**, Tappert, F.D. Statistics of normal mode amplitudes in a random ocean. I. Theory 8-50981
- Dozier, L.B.**, Tappert, F.D. Statistics of normal mode amplitudes in a random ocean. II. Computations 8-87179
- Dozza, L.** *see* Larsson, R. 8-62809
- Dozzio, U.** *see* Amar, V. 8-74166
- Draayer, J.P.** *see* Braunschweig, D. 8-70471
- Drabich, P.P.**, Fedoriv, R.F. Measurement of the mean frequency of an acoustic signal 8-81441
- Drabkin, I.A.** *see* Bushmarina, G.S. 8-56065
- Drache, M.** *see* Mairesse, G. 8-63701
- Dracoulis, G.D.**, Radford, D.C., Poletti, A.R. Gamma decay and band structures in ^{46}Ti 8-78302
- Dracoulis, G.D.**, Walker, P.M., Johnston, A. High-spin states in ^{172}W , ^{174}W and ^{176}W studied by (^{16}O , xn) reactions: decoupled quasi-particle bands and backbending 8-50199
- Dracoulis, G.D.** *see* Newton, J.O. 8-54794
- Dracoulis, G.D.** *see* Walker, P.M. 8-93922
- Dracup, J.A.** *see* White, J.D. 8-53666
- Draganescu, V.**, Maris, Z., Tomulescu, R., Velculescu, V.G. Aberration effects in thermal lensing 8-63148
- Draganescu, V.** *see* Apostol, D. 8-75428
- Draganu, H.** *see* Muschik, H. 8-75586

- Draghici, I.** *see* Hoskins, B.J. 8-69405
- Dragila, R.** The ponderomotive force in a gas-dynamical description of laser-induced plasmas 8-79449
- Dragila, R., Krepelka, J.** Absorption and reflection of laser produced plasma with spherical symmetry 8-51285
- Dragila, R., Krepelka, J.** Laser plasma density profile modification by ponderomotive force 8-59634
- Dragila, R., Limpouch, J.** Two frequency laser produced plasma heating 8-67381
- Dragonette, L.R.** *see* Davis, C.M. 8-79149
- Dragonette, L.R.** *see* Flax, L. 8-55495
- Dragoo, R.E.** The application of fiber optics to army communications systems 8-55452
- Dragoset, W., Jr.** *see* Biegert, E. 8-93901
- Dragoset, W.H.** *see* Hudomaj-Gabitzsch, J. 8-70385
- Dragoset, W.H.** *see* Mutchler, G.S. 8-70387
- Dragoshanskii, Yu.N., Esina, N.K., Zaikova, V.A.** Influence of the degree of perfection of the crystallographic texture (110) [001] on the magnitude of electromagnetic losses in transformer steel 8-60309
- Dragt, J.B., Turkan, E.** Borselle PWR noise measurements, analysis and interpretation 8-94072
- Drahoš, J., Wichterle, I., Hala, E.** A generalized method for calculation and prediction of vapour-liquid equilibria at high pressures 8-87780
- Drain, D.** *see* Tsan Ung Chan 8-74313
- Draine, B.T.** Photoelectric heating of interstellar gas 8-77587
- Drake, C.F.** A decade of the metal-insulator-metal device 8-72280
- Drake, C.F., Stephan, J.A., Yates, B.** The densities of V_2O_5/P_2O_5 glasses and the oxygen molar volume 8-59759
- Drake, D.L.** *see* Dean, B.W. 8-77191
- Drake, D.M.** *see* Joly, S. 8-74530
- Drake, G.W.F.** Proposed E1-M1 interference experiment in hydrogenic ions to measure spin polarization 8-66501
- Drake, G.W.F.** *see* van Wijngaarden, A. 8-66502
- Drake, J.F., Lee, Y.C., Chen, L., Rutherford, P.H., Kaw, P.K., Hsu, J.Y., Liu, C.S.** The internal $m=1$ resistive mode in high-temperature plasma 8-94909
- Drake, J.F.** *see* Bohlin, R.C. 8-93357
- Drake, K.F., Van Duyn, R.P., Bond, A.M.** Cyclic differential pulse voltammetry: a versatile instrumental approach using a computerised system 8-85235
- Drake, M.J.** *see* Hostetler, C.J. 8-96444
- Drakin, A.E., Nagaev, E.L.** Electric field response and electrofluctuation instability of ferromagnetic conductors 8-56083
- Drampyan, R.Kh., Moves, Yan, M.E.** Investigation of stimulated electron Raman scattering of light by potassium atom magnetic sublevels 8-50861
- Drange, H.B.** On the Boltzmann equation with external forces 8-93630
- Dranov, L.N., Kuchigin, D.A., Popkov, Yu.P.** An ESR study of ruby rods 8-91945
- Dransfeld, K.** *see* Sussner, H. 8-76391
- Drapak, Z.T., Lototskii, V.B., Starik, P.M.** On certain dynamic parameters for lattice of $(PbSe)_{1-x}(SnTe)_x$ solid solutions 8-83984
- Draper, C.W., Rosenblatt, G.M.** Thermal accommodation coefficients by [high speed vibration] of [solid samples]. V. Translational and internal gas-solid energy exchange for [alkanes] and other [molecular gases] 8-92506
- Draper, J.E.** The effect of randomizing time on the shape of a timing distribution 8-58555
- Draper, J.E., McDonald, R.J., Wyckoff, W.G.** In-beam conversion electron spectrometer 8-55086
- Draper, J.E.** *see* McDonald, R.J. 8-66192
- Draperi, A.** *see* Waintal, A. 8-55534
- Drapkin, B.M., Ivanov, Yu.N., Piguzov, Yu.V.** Effect of quenching conditions on the modulus of elasticity of gray cast iron 8-56675
- Draskovic, B., Buric, I., Nikolic, K.** The photoexcitation and photoluminescence of the crystalline octahedral complex compound of manganese (II) chloride with 3,5-lutidinehydrochloride 8-92106
- Drathen, P.** *see* Ranke, W. 8-91524
- Dravins, D.** *see* Lindegren, L. 8-73651
- Drawbridge, B.L.** *see* Laznow, J. 8-94149
- Draxler, W., Eyreich, W., Hofmann, A., Scheib, U., Vogler, F.** Evidence for detour transitions in internal bremsstrahlung of ^{90}Y 8-66247
- Drechsel, D.** *see* Arenhovel, H. 8-89806
- Drechsel, D.** *see* Tiator, L. 8-93899
- Drechsler, M.** *see* Audiffren, M. 8-84036
- Drechsler, M.** *see* Cavaille, J.Y. 8-75938
- Drechsler, M.** Gauge theory of strong and electromagnetic interactions formulated on a fiber bundle of the Cartan type 8-54574
- Drechsler, W., Mayer, M.E.** Fiber bundle techniques in gauge theories 8-54573
- Drechsler, W., Sasaki, R.** Solutions of invariant field equations in the (4,1) de Sitter space 8-93563
- Dreher, B.** *see* Auld, E.G. 8-90111
- Dreher, P.A., Senator, T.E., Morrissey, S.P., Van Vechten, D., Pritchard, D.S.** Comments from physics students concerning the conference on changing career opportunities for physicists 8-61966
- Dreimanis, A.P.** Plastic deformation of models of a crystalline polymer with increased lattice defectivity 8-68747
- Dreiseitel, H.J.** Thermal noise of powdered pyrolusite 8-64075
- Dreisigacker, E., Roether, W.** Tritium and ^{90}Sr in North Atlantic surface water 8-65345
- Dreitser, V.E.** *see* Bagrov, N.M. 8-85421
- Dreizler, R.M.** *see* Miller, H.G. 8-78295
- Dreizler, W., Aldinger, F., Petzow, G.** Phase relationships in uranium-aluminum-nickel-alloys of the system uranium- UAl_2 - UNi_2 8-88447
- Drell, S.D.** The Richtmyer memorial lecture—when is a particle? 8-62286
- Drell, S.D., Weinstein, M.** Field theory on a lattice: Absence of Goldstone bosons in the $U(1)$ model in two dimensions 8-74158
- Dremim, A.N.** *see* Kanel', G.I. 8-70149, 8-92299
- Dremim, I.M., Kanarek, T.I., Orlov, A.M.** On correlation analysis of inelastic processes 8-89684
- Dremim, I.M., Nazirov, M.T.** Polarized quarks and quantum chromodynamics 8-74217
- Dremim, I.M., Quigg, C.** The cluster concept in multiple hadron production 8-66177
- Dremim, I.M.** *see* Boos, E.G. 8-74285
- Drenska, S., Mavrodiev, S.S.** Effective radius and the total cross sections of hadron-hadron interactions of elementary particles 8-89737
- Drentje, S.A.** *see* Reintsema, S.R. 8-52393
- Dresden, L.** *see* Freystatter, S. 8-69471
- Dreskin, S.A.** Magnetic forces in the PDX toroidal field coils 8-50380
- Dresner, L.** The effect of a continuous resistive transition on self-field instability 8-50369
- Dresner, L.** Distribution of current among the filaments of a multifilamentary superconductor close-to the inputs leads 8-84363
- Dresner, L., Lue, J.W.** Design of force-cooled conductors for large fusion magnets 8-54999
- Dresner, L.** *see* Miller, J.R. 8-62633
- Dress, W.B.** *see* Carlson, T.A. 8-50523, 8-74959
- Dressel, L.L., Condon, J.J.** The Arecibo 2380 MHz survey of bright galaxies 8-57470
- Dressel, L.L.** *see* Condon, J.J. 8-65706
- Dressel, P.G.** *see* Stanz, A. 8-95884
- Dresselhaus, G.** *see* Henrich, V.E. 8-72684, 8-84273
- Dresselhaus, G.** *see* Safran, S.A. 8-68490
- Dressler, A.** Bautz-Morgan classes and the luminosity function for clusters of galaxies 8-54057
- Dressler, A.** A comprehensive study of 12 very rich clusters of galaxies. I. Photometric technique and analysis of the luminosity function 8-89264
- Dressler, K.** *see* Kunsch, P.L. 8-63825
- Dresvin, S.V., El-Mikati, Kh.** Measurement and calculation of gasdynamic parameters of a high-frequency induced discharge 8-94934
- Dresvyankin, B.V.** *see* Kirchanov, V.S. 8-64295
- Dreys, M.E.** BANDSCAN—a computer program for online linear scanning of human banded chromosomes 8-92758
- Dreumel, W.H.M.** *see* van Dreumel, W.H.M.
- Drever, R.G.** *see* Sanford, T.B. 8-61569
- Drever, R.W.P.** *see* Palumbo, G.G.C. 8-69890
- Dreves, W., Zupranski, P., Egelhof, P., Kassen, D., Steffens, E., Weiss, W., Fick, D.** Shape effects in heavy ion (Li) elastic scattering 8-89904
- Drew, H.D.** Charge-density wave induced cyclotron resonance harmonics on Si(111) inversion layers 8-64085
- Drew, J.E.** The distribution of QSO redshift $(1+z)/(1+z_c)$ 8-65715
- Drew, J.E.** Continuum reddening due to dust in the spectrum of PHL 938 8-96561
- Drew, L.J.** *see* Schuenemeyer, J.H. 8-57334
- Drewko, J.** *see* Smytkowski, C. 8-66669
- Dreys, G.** *see* Cohen, I. 8-66123
- Dreys, G.** *see* Scarr, J.M. 8-54634
- Drexel, W.** *see* Bokhenkov, E.L. 8-79690
- Drexel, W.** *see* Knorr, K. 8-79970
- Drexler, J.** *see* Nemec, J. 8-56769
- Dreyer, K.** *see* Heumann, T. 8-51745
- Dreyfus, C., Berreby, L., Dayan, E., Vincent-Geisse, J.** Infrared spectral moments and mean squared torques of OCS mixed with noble gas 8-62944
- Dreyfus, C., Breuillard, C., Tan, T.N., Grosjean, A., Vincent-Geisse, J.** Application of various rotation models to the profile of IR perpendicular bands of acetonitrile in solution 8-58695
- Dreyfus, R.W., Hodgson, R.T.** 'Chopper wheel' gas pulser for foilless anode E-beam laser 8-63122
- Dreyfus, R.W., McCorkle, R.A.** Multiple gas e-beam pumped lasers 8-94396
- Dreyfus, T.** The determinant of the scattering matrix and its relation to the number of eigenvalues 8-58132
- Dreyfus, T.** The number of states bound by non-central potentials 8-62090
- Dreytser, G.A.** *see* Kalinin, E.K. 8-83485
- Drichko, N.M., Leikin, M.V.** Optical compensator with adjustable birefringence dispersion 8-82017
- Drickamer, H.G.** *see* Chrysomallis, G.S. 8-66576
- Drickamer, H.G.** *see* Hook, J.W., III 8-64419, 8-84629
- Drickamer, H.G.** *see* Klick, D. 8-52565
- Driel, H.M.** *see* van Driel, H.M.
- Driel, J.** *see* van Driel, J.
- Driemeyer, D.** *see* Miley, G.H. 8-70643
- Driessler, W., Frohlich, J.** The reconstruction of local observable algebras from the Euclidean Green's functions of relativistic quantum field theory 8-54522
- Drifford, M.** *see* Magdelenat, H. 8-76875
- Driga, M.D., Bird, W.L., Tolk, K.M., Weldon, W.F., Rylander, H.G., Woodson, H.** Electromagnetic torques and forces due to misalignment effects and eddy currents in the homopolar generator. Power supply for the Texas experimental Tokamak (TEXT) 8-54953
- Driga, M.D., Mayhall, D.J., Weldon, W.F., Rylander, H.G., Woodson, H.H.** Methods for producing the plasma initiation pulse in ohmic heating circuits in Tokamak power reactors: resistive dissipation, transient inductive storage and transient capacitive storage 8-55730
- Driga, M.D.** *see* Gully, J.H. 8-54952
- Drigo, A.V.** *see* Carnera, A. 8-67760
- Drijver, J.W., Radelaar, S.** Amorphous metals for flywheels 8-52878
- Driker, M.N., Ivanov, L.N.** Formally exact perturbation theory with a model potential as a zeroth-order approximation. II. Spectra of Mo XIII, Mo XVII, Zr XI and Zr XV 8-58579
- Drilling, J.S.** LS II+33°5, a new hydrogen-deficient B-type star 8-93265
- Dring, D.** *see* Allen, N.L. 8-65913, 8-87540
- Dring, D.** *see* Allibone, T.E. 8-67564, 8-87541
- Drinkwine, M.J., Lichtman, D.** Study of ESD from type 304 stainless steel in relation to CTR first wall applications 8-51818
- Drioli, E.** *see* Nicolais, L. 8-76918
- Dris, M.** *see* Corcoran, M.D. 8-70417
- Dris, M.** *see* Herbert, M.L. 8-54631
- Driscoll, C.M.H.** Studies of the effect of LET on the thermoluminescent properties of thin lithium fluoride layers 8-73255
- Driscoll, D.M.** *see* Hansen, J.E. 8-61502
- Driscoll, J.N.** Monitoring non-methane hydrocarbons in the atmosphere by photoionization 8-73549
- Driscoll, J.N., Ford, J., Jaramillo, L., Becker, J.H., Hewitt, G., Marshall, J.K., Ohishuk, F.** Developments and applications of the photoionization detector in gas chromatography 8-92561
- Driscoll, R.J.** *see* Zelazny, S.W. 8-71094
- Drits, M.E., Kadaner, E.S., Turkina, N.I., Kuz'mina, V.I.** Phase equilibria in alloys of the system Al-Mg-Li-Si alloys 8-80515
- Drits, M.E., Padezhnova, E.M., Guzei, L.S.** The Mg-Nd-Zr phase diagram in the magnesium rich region 8-56619
- Dritschilo, A., Chaffey, J.T., Bloomer, W.D., Marck, A.** The complication probability factor: a method for selection of radiation treatment plans 8-53476
- Driver, H.S.T.** An undergraduate experiment to measure the reflectances of a dielectric surface 8-73809
- Driver, J.S.** Wave and current recording 8-61610
- Driver, R.D.** *see* Brunner, T.A. 8-90272
- Driver, R.D.** *see* Smith, N. 8-92442
- Drizius, M.-R.M.** *see* Slianciuskas, A.A. 8-83378
- Drndarsky, N.D.** *see* Dickson, J.H. 8-81234
- Drobavicius, A.J.** *see* Gimbutis, G.J. 8-90862
- Drobit, V.V.** *see* Shatinskii, V.F. 8-56816
- Drobnik, A., Jablonski, W., Rozniakowski, K.** The phenomena of the interaction of Nd^{3+} -glass laser light with 6H13 alloy steel 8-92147
- Drobosyuk, V.M., Razin, G.P., Talmud, S.L.** Precipitation of dispersed particles on a fiber in a steady electric field 8-53262
- Drobot, A.T.** *see* Marsh, S.J. 8-67405
- Drobot, A.V.** *see* Krasnikova, S.I. 8-88526
- Drobot, Yu.B.** *see* Bondarenko, A.N. 8-53159
- Drobyshevski, E.M., Reznikov, B.I., Rozov, S.I., Zhukov, B.G.** Nonideal plasma of the impulse diaphragmic discharge (IDD) in electrolytes 8-71506

- Drobyshevskii, A.S.**, Stroganov, A.I. Simulation of behaviour of nonmetallic inclusions in liquid steel by multiple-phase-medium equations 8-94965
- Drokin, A.I.**, Ivanova, A.V. Induced magnetic anisotropy in nickel-cobalt ferrites 8-64203
- Drokin, A.I.** *see* Pukhov, I.K. 8-68290
- Drokin, N.A.**, Chernov, V.K., Lepishev, A.A. Photoelectric properties of magnetite 8-56178
- Dromey, J.D.**, Birch, J.R. Reflecting and refracting optics in the condensing element of a two-beam interferometer 8-77968
- Drop, P.C.**, de Groot, J.J., Verduin, J.H. Optical absorption of SnCl_2 , SnBr_2 and SnI_2 molecules as related to mercury-tin halide arcs 8-75457
- Dropeck, R.K.**, Johnson, J.N., Walsh, J.B. The influence of pore pressure on the mechanical properties of Kayenta sandstone 8-81150
- Drosd, R.**, Kosel, T., Washburn, J. Temperature dependence of the threshold energy for Frenkel pair production in copper 8-51530
- Drosg, M.** Unified absolute differential cross sections for neutron production by the hydrogen isotopes for charged-particle energies between 6 and 17 MeV 8-74373
- Drost, H.**, Klotz, H.-D., Timm, U. Mass spectrometric investigations of ion formation in a glow discharge of methane 8-63627
- Drost, H.** *see* Rutkowski, J. 8-58854
- Droste, R.**, Gmeiner, R., Geick, R. Electronic absorption of $\text{SrCl}_2\cdot\text{Fe}^{2+}$ and $\text{SrCl}_2\cdot\text{Co}^{2+}$ 8-68537
- Drotning, W.D.** Optical properties of solar-absorbing oxide particles suspended in a molten salt heat transfer fluid 8-87112
- Drouffe, J.M.** *see* Bervillier, C. 8-70268
- Drovorub, V.I.** *see* Boiko, L.M. 8-68734
- Drowart, J.**, Smoes, S., Vanderauwera-Mahieu, A. The atomization enthalpies of AsSb(g) , $\text{As}_2\text{(g)}$, $\text{Sb}_2\text{(g)}$, $\text{As}_2\text{Sb(g)}$, $\text{As}_2\text{Sb}_2\text{(g)}$, $\text{AsSb}_2\text{(g)}$, $\text{As}_2\text{SbO}_6\text{(g)}$, $\text{As}_2\text{Sb}_2\text{O}_6\text{(g)}$, and $\text{AsSb}_2\text{O}_6\text{(g)}$. A thermodynamic study by the mass-spectrometric Knudsen-cell method 8-80780
- Drowley, C.** *see* Hu, C. 8-91725
- Droz, M.**, Ausloos, M., Gunton, J.D. Some difficulties associated with parameter-dependent renormalization-group transformations 8-87768
- Droz, M.**, Malaspina, A. The one-hypercube renormalization group transformation for the planar rotator model 8-72353
- Droz-Vincent, Ph.** Two-body relativistic systems 8-69977
- Drozd, M.S.**, Slavskii, Yu.I., Baron, A.A. Measuring Vickers hardness of components with curved surfaces 8-80699
- Drozdoski, W.S.**, Bates, R.D., Jr., Siebert, D.R. Vibrational energy flow in CD_3H and CD_3H -polyatomic mixtures 8-82770
- Drozdz, M.I.** *see* Safonov, L.P. 8-59403
- Drozdz, O.A.** Relation of moistening to the thermal regime in climate fluctuations 8-92937
- Drozdz, S.V.** *see* Buryukov, S.V. 8-57945
- Drozdz, V.N.** *see* Dzhiyev, T.Z. 8-92843
- Drozdz, V.N.** *see* Sarkisyan, A.S. 8-61428
- Drozdz, Yu.N.**, Smirnov, V.I. Research on the coefficient of sliding friction at high contact speeds 8-87308
- Drozdzowicz, Z.**, Lax, B., Temkin, R.J. Gain spectrum of a pulsed laser-pumped submillimeter laser 8-79000
- Drozdzynski, J.**, Kamenskaya, A.N. Absorption spectrum and spectral intensities of uranium(iii) in hexamethyl phosphoric triamide 8-74599
- Drozewski, R.W.**, Hatch, M.R. Limb Infrared Monitor of the Stratosphere (LIMS) experiment 8-61601
- Drozzhina, V.I.** *see* Vedenov, M.A. 8-88612
- Drozdzov, Yu.P.** Conductivity of multi-valley semiconductor in a heating electromagnetic field 8-76085
- Druaux, J.** *see* Adam, J. 8-71473
- Drubka, R.E.**, Tan-atchat, J., Nagib, H.M. Analysis of temperature compensating circuits for hot wires and hot films 8-59510
- Druce, R.** *see* Chu, E. 8-67386
- Druelle, P.** *see* Huetz-Aubert, M. 8-94569
- Drufula, G.** Radar-derived statistics on the structure of precipitation patterns 8-57260
- Drugachenok, M.A.** *see* Goltsev, V.P. 8-58356
- Druger, S.D.** Coupling-strength incoherence and the theory of resonances for a system of several sparse states and quasicontinua 8-70865
- Drugovskii, A.I.**, Tsvetkov, Yu.V., Alekseev, N.V., Vilenskaya, T.N. Enriching vanadium slag by selective reduction of oxides during reduction plasma melting 8-52716
- Druhl, K.** A theory of classical limit for quantum theories which are defined by real Lie algebras 8-65807
- Drukarev, G.F.** Highly excited states of the hydrogen atom in an electric field 8-86797
- Drukarev, G.F.**, Pozdnev, S.A. Application of the Faddeev equations for calculation of the cross sections for dissociative attachment 8-70945
- Druker, I.G.** *see* Blinov, V.V. 8-71076
- Drukier, A.K.** Superheated superconducting colloid as total absorption detector—preliminary calculations 8-78579
- Drukier, A.K.**, Igalson, J., Snidower, L. A new detector of neutrons 8-78580
- Drullinger, R.** *see* Lam, L.K. 8-66581
- Drullinger, R.E.**, Stock, M. The Cd^* , excimer: fluorescence band shape and decay rates 8-70866
- Drullinger, R.E.** *see* Stock, M. 8-63090, 8-70864
- Drullinger, R.E.** *see* Wineland, D.J. 8-66527
- Drumheller, D.S.** The theoretical treatment of a porous solid using a mixture theory 8-63315
- Drumheller, D.S.** *see* Nunziato, J.W. 8-73950
- Drumheller, J.E.**, Robiscoe, R.T. Effect of conservation on the use of a resource 8-69941
- Drumm, H.** *see* Auld, E.G. 8-90111
- Drummond, P.** *see* Carmichael, H.J. 8-50499
- Druon, C.**, Wacrenier, J.-M. A study of dielectric relaxation in 4 octyl 4' cyanobiphenyl. Existence of associations among molecules 8-94976
- Drury, M.J.** Partial melt in the asthenosphere: evidence from electrical conductivity data 8-85518
- Drury-Lessard, C.R.**, Moule, D.C. Ring puckering in the $^1\text{B}_2(\text{n}, 3\text{s})$ Rydberg electronic state of cyclobutanone 8-74675
- Druy, M.A.** *see* Fincher, C.R., Jr. 8-92137
- Druzhinin, A.A.**, Grigor'ev, V.K., Lbov, A.A., Vesnovskii, S.P., Krylov, N.G., Polynov, V.N. Fast-neutron radiative capture cross section for ^{242}Pu 8-82351
- Druzhinin, A.G.** Feasibility of excitation of Gulyaev-Blustein waves by developing defects 8-56030
- Druzhinin, G.A.** *see* Ziman, V.M. 8-59164
- Druzhinin, V.V.**, Zapasskii, S.P. Influence of spatial variation of the magnetic moment on the temperature dependences of the single-ion anisotropy constants of a ferromagnet 8-91864
- Druzhinin, V.V.** *see* Tatsenko, O.M. 8-92054
- Druzhinina, L.V.** *see* Govorkov, A.V. 8-72040
- Dzwiega, M.** *see* Sawicka, B.D. 8-52391
- Dryak, P.**, Kokta, L., Novotna, P. Precise determination of the Ge(Li) spectrometer efficiency and the practical assessment of the dead time and pulse pile-up correction 8-50442
- Dryer, M.**, Shea, M.A., Smart, D.F., Collard, H.R., Mihalov, J.D., Wolfe, J.H., Warwick, J.W. On the observation of a flare-generated shock wave at 9.7 AU by Pioneer 10 8-57422
- Dryer, M.** *see* Cuperman, S. 8-93172
- Dryer, M.** *see* Metzler, N. 8-57418
- Dryer, M.** *see* Steinolfson, R.S. 8-77449
- Drymael, H.** Helium excitation and ionization by stationary shock fronts 8-59540
- Drys, B.** *see* Trojnar, K. 8-93741
- Drys, M.** The niobium-gallium-iridium system. II. Phase equilibria at 1000°C and crystallographic data for ternary intermediate phases 8-52763
- Dryshlyuk, T.V.** *see* Lyudvinskii, A.I. 8-60628
- Drazga, Z.** *see* Koczorowska, L. 8-91883
- Du Silva, C.** *see* Verlenker, X.N. 8-81218
- Du Khak Ha** *see* Kanev, S.K. 8-80382
- du Mont, B.** A rediscussion of determinations of precession and galactic rotation from Lick proper motions referred to galaxies 8-65487
- du Plessis, M.P.** *see* Tsang, S.H.L. 8-81082
- du Plessis, P. de V.** *see* Oosthuizen, C.P. 8-52336
- du Plessis, P. de V.** *see* van Doorn, C.F. 8-56313
- Dua, S.K.** *see* Bhanti, D.P. 8-92519
- Dua, S.S.**, Tien, C.L. An experimental investigation of falling-film rewetting 8-75906
- Duarte, J.A.M.S.** The mean-value dependence of percolation cluster distributions 8-81928
- Duba, A.**, Piwinski, A.J., Santor, M., Weed, H.C. The electrical conductivity of sandstone, limestone and granite 8-61401
- Duba, V.V.** *see* Kapchigashev, S.P. 8-86759
- Duban, M.** Calculation of a torical holographic grating designed for the very wide field camera 8-81547
- DuBard, J.L.** Compton profile measurements of aluminium and iron with 662 keV γ -radiation 8-56539
- DuBard, J.L.** *see* Ouseph, P.J. 8-73814
- Dubau, J.** *see* Campanau, R.I. 8-90292
- Dubault, A.**, Casagrande, C., Veyssie, M. Solubilization of a polymer chain in a nematic phase; effect on the twist viscosity 8-67642
- Dubbers, D.** *see* Stockmann, H.-J. 8-59842
- Dubbers, D.** *see* Winnacker, A. 8-91994
- Dubbers, F.**, Funke, L., Kemnitz, P., Winter, G., Elfstrom, S., Lindblad, T., Linden, C.G. Isomeric states and rotational structure in the doubly-odd nucleus ^{176}Ta 8-78312
- Dube, L.** *see* Wong, S.F. 8-55248
- Dube, R.L.** *see* Bannister, P.R. 8-73375
- Dube, S.N.** Heat transfer in two-phase laminar flow for time-wise linear variation of inlet temperature in a circular pipe 8-67265
- Dubet, D.** *see* Terzan, A. 8-61742
- Dubey, B.L.**, Lakshmi, Das, I., Tiwari, B.N. Magnetic susceptibility, electrical conductivity and thermoelectric power of $\text{Nd}_2(\text{MoO}_4)_3$ 8-88091
- Dubey, B.L.** *see* Rastogi, R.P. 8-63731
- Dubey, D.R.** *see* Tripathi Padmakar, G.N.R. 8-84659
- Dubey, D.R.** *see* Tripathi, G.N.R. 8-80420
- Dubey, K.S.** Heat transfer in a doped crystal lattice at low temperatures. Application to Sb-doped Ge 8-71893
- Dubey, K.S.** Heat transfer in solid HD at low temperatures 8-75903
- Dubey, K.S.** *see* Al-Edani, M.C. 8-51755, 8-63888
- Dubey, K.S.** *see* Boghosian, H.H. 8-79702
- Dubey, K.S.** *see* Boghosian, H.H. 8-91493
- Dubey, K.S.** *see* Kassim, H.A. 8-51756
- Dubey, K.S.** *see* Misho, R.H. 8-79826
- Dubey, R.** *see* Kumar Dubey, R.
- Dubey, R.N.** On bifurcation in elastic-plastic solids 8-90730
- Dubey, R.N.**, Elkholi, A.H. Necking of elastic-plastic cylinders under uniaxial tension 8-63335
- Dubiel, S.M.**, Campbell, C.C.M., Obusko, Z. A study of the magnetic moments and Fe site hyperfine fields in iron chromium alloys 8-76276
- Dubien, R.J.** *see* Covey, H.D. 8-53549
- Dubik, B.S.** Analysis of monthly set of tidal observations 8-88786
- Dubik, B.S.**, Golubitskii, V.G. Fixing weightings of individual monthly sets in processing of Earth tide observations 8-88789
- Dubik, B.S.** *see* Golubitskii, V.G. 8-88790
- Dubik, B.S.** *see* Ostrovskii, A.E. 8-88785
- Dubin, S.E.** *see* Moore, T.W. 8-57053
- Dubina, N.V.** *see* Leont'ev, A.I. 8-83469
- Dubinchik, E.Ya.**, Rozental', I.V. Influence of chemical composition of intrusive granitoids on their magnetic properties 8-85535
- Dubini, B.**, Melone, S., Ponzi-bossi, M.G., Rusticelli, C., Rusticelli, F. Thermodynamic investigation of the metastable phases of TBBA 8-94985
- Dubinin, E.M.** *see* Podgorny, I.M. 8-57396
- Dubinin, G.N.** Effect of the condition of the surface layer on complex (bulk) properties of metallic materials 8-85049
- Dubinin, M.M.**, Zamashkin, R.I., Nikolaev, K.M., Polyakov, N.S., Tyurev, M.A. Universal chromatographic system 8-61114
- Dubinin, N.V.** Stark effect in molecules of a bis-erycanyne dye (an intramolecular dimer) 8-50573
- Dubinin, N.V.** Stark spectroscopy and the geometry of aggregates. Dipole moments in the Heitler-London approximation 8-55200
- Dubinin, S.F.** *see* Teploukhov, S.G. 8-75502
- Dubinin, V.N.** *see* Voznyuk, P.O. 8-72372, 8-84509
- Dubinskii, A.A.** *see* Galkin, A.A. 8-86311
- Dubinskii, Yu.** *see* Basina, Yu.V. 8-93063
- Dubinsky, J.** *see* Kitikova, H. 8-61689
- Dubisch, R.**, Winicour, J. Real miniheaven 8-93570
- Dubler, T.** *see* Schaller, L.A. 8-66195
- Dubler, T.** *see* Schneuwly, H. 8-58874
- Dubler, T.** *see* Wohlfahrt, H.D. 8-54679
- Dublon, G.**, Atzmony, U., Daniel, M.P. Anomalous magnetization in $\text{Dy}_{12}\text{Fe}_{23}\text{O}_{28}$, an oxygen-stabilized rare-earth intermetallic 8-52254
- Dubnicka, M.** The physical properties of amorphous Al_2O_3 layers used in MIS structures 8-64122
- Dubnicka, M.** Polycrystalline silicon in semiconductor engineering 8-92196
- Dubnishchev, Yu.N.** *see* Belousov, P.Ya. 8-81954
- Dubois, C.** *see* Bigle, J.P. 8-54515
- Dubois, J.**, Dugas, F., Lapouille, A., Louat, R. The troughs at the rear of the New Hebrides island arc: possible mechanisms of formation 8-73349
- Dubois, J.** *see* Orange, G. 8-84926
- Dubois, J.-C.** New mesomorphic materials and applications 8-91223
- Dubois, J.J.**, De Rouvray, A.L. An improved fluid superelement for the coupled solid-fluid-surface wave dynamic interaction problem 8-81108
- Dubois, L.H.** *see* Kesmodel, I.L. 8-73075
- Dubois, M.** Measurement of the thermoelastic coefficient of metals by strain gauges 8-56853
- Dubois, M.**, Normand, C., Berge, P. Wave-number dependence of velocity field amplitude in convection rolls—theory and experiments 8-71327
- Dubois, M.** *see* Boissenot, J.M. 8-90789
- Dubois, M.** *see* Westreid, J. 8-71328

- Dubois, M.F.W.** *see* Collewijn, H. 8-77052
- Dubois, R.** *see* Amsler, C. 8-70397
- DuBois, R.** *see* Rodbro, M. 8-90279
- DuBois, R.D.,** Jeffries, J.B., Dunn, G.H. Dissociative recombination cross sections for NH_4^+ ions and electrons 8-66671
- DuBois, R.D.,** Russ, M.E. Absolute doubly differential cross sections for ejection of secondary electrons from gases by electron impact. II. 100-500 eV electrons on neon, argon, molecular hydrogen and molecular nitrogen 8-58839
- Dubolazov, I.A.** *see* Dod', I.I. 8-79404
- Duboue, M.** Pollution roses: a simple way of interpreting the data obtained by air pollution measurement systems in the proximity of refineries 8-81379
- Dubouis, B.** *see* Gabry, A. 8-57909
- Dubova, L.M.** *see* Bagotskaya, I.A. 8-61023
- Dubovik, A.S.** *see* Belinskaya, G.I. 8-78518
- Dubovik, V.M.,** Zamiralov, V.S. NN weak potential in a simple gauge model and the polarization of the γ -quanta in $n+p \rightarrow d+\gamma$ 8-54644
- Dubovitskaya, N.V.,** Larikov, L.N. Dislocation structure of rolling texture components in polycrystalline molybdenum 8-59810
- Dubovoi, L.V.** *see* Gosteva, T.S. 8-59615
- Dubovoy, A.P.,** Yaroslavtsev, A.A. Wake of a body moving rapidly in a magnetized plasma 8-67330
- Dubovskaya, I.Ya.** *see* Baryshevskii, V.G. 8-75699
- Dubow, J.** *see* Shewchun, J. 8-52061
- Dubowik, J.** *see* Baszynski, J. 8-95492
- Dubravec, B.,** Besteric, M. Several properties of AgMgO materials used for low-voltage switchgear-contacts 8-56603
- Dubreuil, B.,** Catherinot, A. A study of the 2^3P level population relaxation in a helium flow discharge by a two-laser absorption-perturbation method 8-59706
- Dubreuil, B.,** Chapelle, J. Laser induced light shift in helium: theory and experiment 8-58627
- Dubrov, M.N.** *see* Aleshin, V.A. 8-61616
- Dubrovich, V.K.** *see* Bernshtein, I.N. 8-54097
- Dubrovina, G.I.** *see* Volkov, S.D. 8-63382
- Dubrov, S.K.,** Shnyrikov, A.D. The chemical stability of some silicate glasses in alkali solutions 8-88557
- Dubrovskii, L.A.** *see* Zakhidov, R.A. 8-79092, 8-90481, 8-90483
- Dubrovskii, V.S.,** Kalmykova, T.F., Snezhkov, E.L. Electromagnetic device for loading and measuring wear of materials in vacuum (exchange of experience) 8-56841
- Dubrovskii, V.T.** *see* Litvin, F.F. 8-96066
- Dubrovsky, A.V.** *see* Veretennikov, V.A. 8-74527
- Dubruille, A.,** Boucher, D., Burie, J., Demaison, J. Microwave spectra of propyne and its [^{13}C] isotopic species. Refined molecular structure of propyne 8-86850
- Dubruille, A.** *see* Burie, J. 8-94236
- Dubrun, J.L.** *see* Ishii, K. 8-76963
- Dubugnon, O.** *see* Young, C. 8-57344, 8-70113
- Dubuisson, B.** *see* Vachon, B. 8-57112
- Dubuque, G.L.** *see* Ahuja, A.S. 8-92708
- Dubus, J.P.,** Clicque, D., Baudet, J., Gabillard, R. Filtering and field focusing procedures for electromagnetic detection of underground quarries 8-96306
- Duc Dao Vong** *see* Dao Vong Duc
- Duc Tran Minh** *see* Tran Minh Duc
- Ducarme, B.,** Melchior, P. A trans-world tidal gravity profile 8-57160
- Ducas, A.** *see* Couillaud, B. 8-74066, 8-89558
- Ducas, L.,** Rayez, J.-C., Rulliere, C. Substitution effects enhancing the lasing ability of organic compounds 8-82941
- Ducastelle, F.** *see* Treglia, G. 8-75975
- Duce, D.A.** *see* Davidson, G. 8-58655
- Duce, R.A.** Speculations on the budget of particulate and vapor phase non-methane organic carbon in the global troposphere 8-73462
- Duchemin, M.J.-P.,** Bonnet, M.M., Koelsch, M.F. Kinetics of silicon growth under low hydrogen pressure 8-56586
- Duchemin, S.,** Gustavino, F., Raisin, C. Experimental study of threshold photoelectric emission of solid Cu_2S 8-60549
- Duchesne, J.-C.,** Demaiffe, D. Trace elements and anorthosite genesis 8-65224
- Duchiewicz, J.,** Francik, A. Methods of measuring microwave cavity Q-factor using the facilities existing in an EPR spectrometer 8-93728
- Duck, G.M.** *see* Quarmbay, D.J. 8-66980
- Duck, I.** Quarks, gluons and the pion-nucleon coupling constant 8-78149
- Duck, I.,** Hogstrom, K.R., Mutchler, G.S. The role of the NN-NA amplitude in pion production from deuterium 8-62525
- Duck, I.** *see* Hudomalj-Gabitzsch, J. 8-70385
- Duck, I.** *see* Mutchler, G.S. 8-70387
- Duck, P.,** Frohlich, H., Galster, W., Treu, W., Voit, H. Reaction $^{10}\text{B}(^{14}\text{N}, \alpha)^{20}\text{Ne}$ at $E_{\text{cm}} \approx 10$ MeV 8-82385
- Duck, P.W.** Oscillatory flow through constricted or dilated channels and axisymmetric pipes 8-94823
- Ducker, K.-H.** *see* Haase, R. 8-91464
- Duckers, L.J.** Percolation with nearest neighbour interaction 8-73934
- Duckett, R.A.,** Goswami, B.C., Smith, S.A., Ward, I.M., Zihlfi, A.M. The yielding and crazing behaviour of polycarbonate in torsion under superposed hydrostatic pressure 8-52898
- Duckett, R.A.** *see* Joseph, S.H. 8-84936, 8-84937
- Duckett, R.A.** *see* Pitman, G.L. 8-95798
- Duckett, R.A.** *see* Zihlfi, A.M. 8-80596
- Duckstein, L.,** Bogardi, I. Uncertainty analysis of P input into a lake 8-81262
- Duclos, R.** Observation of dislocation substructures by the Berg-Barrett method 8-68737
- Duclos, R.,** Doukhan, N., Escaig, B. High temperature creep behaviour of nearly stoichiometric alumina spinel 8-80593
- Dudlot, M.,** Hammou, A. Cationic transport number and conductivity of thorium dioxide: ThO_2 8-84267
- Dudloy, M.,** Feld, M.S. Laser saturation spectroscopy in the time-delayed mode 8-86976
- Dudloy, M.,** Leite, J.R.R., Feld, M.S. Laser saturation spectroscopy in the time-delayed mode. Theory of optical free induction decay in coupled Doppler-broadened systems 8-54472
- Ducommun, E.** *see* Bene, G.-J. 8-73187
- Ducros, R.,** Alnot, M., Cassuto, A. Coadsorption of ethylene and oxygen on polycrystalline rhodium 8-85194
- Ducrot, J.,** Lancelot, J.R. Problem of the Precambrian-Cambrian boundary: radiochronological study by the U-Pb method on zircons from Jbel Boho volcano (Anti-Atlas, Morocco) 8-61359
- Duda, A.,** Maciejewski, W. Spin-wave resonance spectrum in thin films with internal isotropically coupled impurity layer 8-80223
- Duda, A.** *see* Penczek, S. 8-64836
- Duda, J.** Basic design considerations for anechoic chambers 8-51007
- Duda, J.L.** *see* Vrentas, J.S. 8-63495
- Duda, J.L.** *see* Wang, H.L. 8-84054
- Dudar', B.G.** *see* Mikhailenko, S.A. 8-75736
- Dudarev, A.T.,** Kravchenko, A.F., Skubnevskii, E.V. Transverse magnetoresistance of thin n-type Ge plates 8-72179
- Dudarev, V.Ya.** *see* Sarin, V.A. 8-67698
- Dudchenko, A.K.** *see* Mar'enko, V.V. 8-72394
- Duddek, G.** *see* Frebel, M. 8-72795, 8-92257
- Duddy, T.** *see* Cutts, D. 8-78380
- Dudeck, I.,** Kassing, R. Determination of the temperature dependence of the capture cross-sections of the gold acceptor level and of the temperature of current filaments in silicon pin diodes 8-95351
- Dudeck, J.** *see* Bockmann, R.-D. 8-69225, 8-85438
- Dudeck, J.** *see* Kutschera, J. 8-88761
- Dudeck, M.** Oscillations by two liquids separated by a membrane 8-87355
- Dudeck, M.,** Prud'homme, R. Gravity wave in liquid with a superficial film and diffusion effect 8-75156
- Dudek, J.,** Werner, T. New parameters of the deformed Woods-Saxon potential for $A=110$ -210 nuclei 8-93951
- Dudek, J.** *see* Cwiok, S. 8-58228, 8-82264
- Dudek, J.** *see* Zakrzewska, K. 8-89323
- Dudek, J.-C.** Comparison between dispersion curves of surface plasma waves and reflection coefficient minima for silver thin films deposited on a dielectric without losses 8-80429
- Dudek, J.-C.,** Hincelin, G. Experimental proof of the difference existing between the dispersion curve of surface plasma waves in Al and the curve obtained from the minimum of the reflecting power in the ATR method 8-88372
- Dudek-Ellis, A.,** Shkolnik, V., Artz, J.L., Dehnhard, D., Ellis, P.J., Morsch, H.P. $^{30}\text{Si}(^{16}\text{O}, ^{16}\text{O})^{30}\text{Si}^*$ reaction at 60 MeV 8-82377
- Dudek-Ellis, A.** *see* Bayman, B.F. 8-66300
- Dudel, H.** *see* Steverding, B. 8-50603
- Dudel, H.P.** *see* Steverding, B. 8-58755
- Dudel'zak, A.E.** *see* Denisov, R.A. 8-72578
- Dudenko, V.M.** *see* Belov, A.F. 8-52930
- Duder, J.C.** *see* Brock, J.E. 8-62544
- Duder, J.C.** *see* Porter, L.E. 8-90040
- Dudermel, M.T.** *see* Edwin, R.P. 8-54443
- Duderstadt, J.J.** *see* Berwald, D.H. 8-58459
- Duderstadt, J.J.** *see* Duston, D. 8-83606
- Dudgeon, C.R.,** Cox, R.J. Flow to large diameter bottom entry wells 8-92870
- Dudkevich, V.P.,** Kuleshov, V.V., Turik, A.V., Fesenko, E.G. 90° domain processes in tetragonal ferroelectric ceramics due to uniaxial and biaxial stresses 8-72478
- Dudkevich, V.P.** *see* Kuleshov, V.V. 8-56430
- Dudkin, K.N.,** Glezer, V.D., Gauselman, V.E., Panin, A.I. Types of receptive fields in the lateral geniculate body and their functional model 8-69046
- Dudkin, K.N.,** Panin, A.I., Gauzel'man, V.Ye. Models of the neuronal networks of external geniculate body 8-64990
- Dudkin, K.N.** *see* Glezer, V.D. 8-69068
- Dudkin, L.D.,** Efimova, B.A., Kazanskaya, O.A., Ob'edkov, A.G., Sokolova, V.M. Concentration inhomogeneity of PbTe 8-52019
- Dudkin, L.D.** *see* Narva, O.M. 8-60899
- Dudkin, V.A.,** Librovich, V.B., Rukhin, V.B. Performance of a continuous chemical CO-laser burning a $\text{CS}_2\text{-N}_2\text{-O-O}_2$ mixture 8-55348
- Dudkin, V.A.,** Nekrashevich, V.G., Rukhin, V.B. Characteristics of a photodissociation laser based on methyl iodide 8-50767
- Dudko, D.Ya.,** Korchevoi, Yu.P., Makarchuk, V.N. Distribution functions for positive and negative ions in a potassium plasma 8-55752
- Dudko, Yu.A.** *see* Zakhidov, R.A. 8-90481, 8-90483
- Dudley, D.G.** *see* Johnson, W.A. 8-55279
- Dudley, G.J.,** Steele, B.C.H. Thermal expansion of beta-alumina-type phases and variation of lattice parameters with potassium content 8-55959
- Dudley, H.A.F.** *see* Ellis, B.W. 8-77130
- Dudley, R.A.** Bone irradiation in thorotrast cases: results of measurements at IAEA 8-96092
- Dudnik, E.F.,** Sinyakov, E.V. Ferroelastics and their physical properties 8-91374
- Dudnik, E.F.,** Sinyakov, E.V., Vagin, S.V. Switching processes in ferroelectric $\text{Pb}_3(\text{PO}_4)_2$ in pulse mechanical fields 8-59853
- Dudnik, E.F.** *see* Akimov, S.V. 8-60420
- Dudnikov, V.G.,** Obrazovskii, E.G., Fiksel', G.I. Emission properties of electrodes of surface plasma sources, and the efficiency of H^- ion generation 8-71503
- Dudnikov, V.G.** *see* Dimov, G.I. 8-70662
- Dudoladov, A.G.** *see* Bykovskii, Yu.A. 8-68629
- Dudorov, V.N.** *see* Telesnin, R.V. 8-64247, 8-68341
- Dudova, S.V.** *see* Barabanov, B.N. 8-51367
- Dudziak, E.** *see* Becla, P. 8-60577
- Duennebeir, F.K.** *see* Walker, D.A. 8-77195
- Duerbeck, H.W.** The variable lightcurve of 44 i Boo observations and implications 8-61887
- Duerbeck, H.W.** The orbit of AE Phe-revisited 8-85970
- Duerbeck, H.W.,** Teuber, D. Period and spectroscopic orbit of the eclipsing binary AI Draconis 8-89221
- Duerre, D.E.** *see* Hawke, P.S. 8-95315
- Duerre, D.E.** *see* Hawke, R.S. 8-71789
- Duewer, W.H.,** MacCracken, M.C., Walton, J.J. The Livermore Regional Air Quality model. II. Verification and sample application in the San Francisco Bay Area 8-92966
- Duewer, W.H.** *see* Luther, F.M. 8-73444, 8-85692
- Duewer, W.H.** *see* MacCracken, M.C. 8-92965
- Dufay, M.,** Gaillard, M.L. High resolution studies in fast ion beams 8-86975
- Dufayard, J.** *see* Nedelec, O. 8-94288
- Duff, J.L.** *see* Le Duff, J.
- Duff, J.W.** *see* Gray, J.C. 8-80733
- Duff, M.J.** *see* Christensen, S.M. 8-70040
- Duff, M.J.B.** Geometrical analysis of image parts 8-58936
- Duff, Y.L.** *see* Le Duff, Y.
- Duffait, R.,** Charvet, A., Chery, R. Low-spin states in ^{67}Zn 8-78303
- Duffell, J.,** Forbes, R.G. Field-ion image contrast: the gas distribution hypothesis re-examined 8-60552
- Duffer, P.** *see* Rao, V.U.S. 8-80083
- Duffey, D.,** O'Fallon, N., Herzenberg, C., Doering, R.W., Wiggins, P.F. Beryllium-reflected coal analytical assembly using ^{252}Cf neutron-capture gamma rays 8-85265
- Duffey, R.B.,** Ackerman, M.C., Piggott, B.D.G., Fairbairn, S.A. The effects of countercurrent single and two-phase flows on the quenching rate of hot surfaces 8-59451
- Duffey, R.B.** *see* Ardron, K.H. 8-90972
- Duffield, W.A.** Vesicularity of basalt erupted at Reykjanes Ridge crest 8-73351
- Duffin, R.L.,** Byrne, J.G. Fatigue fracture of thermomechanically processed low carbon steel 8-64572
- Duffy, B.R.** Flow of a liquid with an anisotropic viscosity tensor 8-90938
- Duffy, J.A.,** Bach, H. Use of ultraviolet spectroscopy for studying interdiffusion reactions of PbO on vitreous surfaces 8-51750
- Duffy, J.A.** *see* Bach, H. 8-79535
- Duffy, T.J.** *see* Molvik, A.W. 8-54917
- Duffy, T.J.** *see* Paterson, J.A. 8-66381
- Duffy, W., Jr.,** Strandburg, D.L., Deck, J.F. Low temperature heat capacity and magnetic susceptibility of the DPPH-benzene complex 8-56317
- Duflo, J.** *see* Berger, J. 8-70525

- Duflo, J. *see* Bizard, G. 8-54643
Duflo, J. *see* Plouin, F. 8-74364
Duflo, M. *see* Fehrenbach, C. 8-53941, 8-69875
Duford, J.M., Osborn, G.D. Holocene and latest Pleistocene cirque glaciations in the Shuswap Highland, British Columbia 8-92856
Dufour, C. *see* Benedict, U. 8-51709
Dufour, G. *see* Mariot, J.-M. 8-72688
Dufour, G.-N. *see* Huron, M.J. 8-83913
Dufour, L.C. *see* Berthod, L. 8-80739
Dufour, L.-C. *see* Bertrand, O. 8-95945
Dufour, P. *see* Bertrand, O. 8-95945
Dufour, P. *see* Leteinturier, D. 8-94085
Dufrane, K.F., Glaeser, W.A. Influence of adsorbed fluids on the rolling contact deformation of MgO single crystals 8-64719
Dufty, J.W. *see* Wong, C.K. 8-49778
Dugaev, V.K., Petrov, P.P. Energy spectrum particularities of gapless semiconductors with impurities 8-67979
Dugan, C.H., Lee, A., Morgan, F.J. Polarization of light from a pulsed dye laser 8-55394
Dugas, F. *see* Dubois, J. 8-73349
Dugay, M., Debarge, G. AMOS and insulator-to-metal transitions 8-63982
Dugdale, P.J. *see* Chao, J.T. 8-85118
Duggal, S.P., Pomerantz, M.A. Symmetrical equator-pole anisotropy during an unusual cosmic ray storm 8-89020
Duggal, S.P., Pomerantz, M.A. On the solar source of transient cosmic ray intensity variations 8-89022
Duggan, B.J., Hatherly, M., Hutchinson, W.B., Wakefield, P.T. Deformation structures and textures in cold-rolled 70:30 brass 8-88500
Duggan, B.J., Hutchinson, W.B., Hatherly, M. Recrystallization studies in 70:30 brass using a high voltage electron microscope 8-76663
Duggan, B.J. *see* Hutchinson, W.B. 8-88476
Duggan, J.L. *see* Monigold, G. 8-95619
Duggan, J.L. *see* Noakes, J.E. 8-82565
Duggan, T.V., Sabin, P. The effect of geometry on crack formation 8-67132
DuGranrut, J. *see* Pifer, B. 8-96299
Dugua, J., Simon, B. Crystallization of sodium perborate from aqueous solutions. I. Nucleation rates in pure solution and in presence of a surfactant 8-91276
Dugua, J., Simon, B. Crystallization of sodium perborate from aqueous solutions. II. Growth kinetics of different faces in pure solution and in the presence of a surfactant 8-91277
Duguet, A. *see* Lecas, M. 8-54499
Duguid, J.O. *see* Means, J.L. 8-69349
Dugundji, J., Chung, F.K. Addendum to 'wind excited vibration of a square section cantilever beam in smooth flow' 8-59331
Duhameau, W., Noel, R. Five years of recording the atmospheric fall-out in the industrial region of Liege 8-81375
Duhamel, G., Perrin, G., Chauvin, J., Buenerd, M., Gerlic, E., Guillot, J., Didelez, J.P., Langevin-Joliot, H., Van De Wiele, J. First observation of T=45/2 inner hole states in ^{207}Pb 8-93928
Duhamel, G. *see* Durand, J.L. 8-93997
Duhamel, N. *see* Rao, E.V.K. 8-72579, 8-75680
Duhamel, P. *see* El-Ramly, S. 8-57885
Duhm, H.H. *see* Daehnick, W.W. 8-82364
Duijnen, P.T. *see* van den Duijnen, P.T.
Duimio, F., Zecchi, E. Parafermion representations of the Lie-algebra chain $O_7 \supset G_2 \supset SU_3$ 8-74173
Duing, W. Spatial and temporal variability of major ocean currents and mesoscale eddies 8-77240
Duing, W., Schott, F. Measurements in the source region of the Somali Current during the Monsoon Reversal 8-92833
Duing, W. *see* Stewart, R.H. 8-77337
Duinker, P. *see* Bartel, W. 8-89695
Duisebaev, A.D., Kanashevich, V.I., Saprykin, E.M., Teplov, I.B., Shalabaev, D.A., Yudin, N.P. On mechanism of the reactions (α, p) , (α, d) and (α, t) on nuclei ^{27}Al , ^{59}Co , and ^{197}Au 8-54778
Duisenbaev, M. *see* Mirsagatov, Sh.A. 8-80042
Duisenov, S.T. Certain features of wind-driven level variations of Lake Balkhash 8-81237
Duiser, J.A., Keijzers, A.E.M. Determination of the glass-rubber transition of poly(vinyl chloride) and poly(ethylene terephthalate) by small-angle X-ray scattering 8-95145
Dujardin, C. *see* Ajinenko, I.V. 8-58206
Dujardin, G., Flamant, P. Energy conversion in dye amplifiers in the presence of superfluorescence 8-59004
Duk-In Choi *see* Horton, W., Jr. 8-83547
Duk-Won Park, Summers, D.A., Aughenbaugh, N.B. Model studies of subsidence and ground movement using laser holographic interferometry 8-73343
Duke, C. *see* Dabkiewicz, P. 8-54680
Duke, C.B. Electron-solid interactions: Their nature and consequences 8-72230
Duke, C.B. *see* Kahn, A. 8-71912, 8-91515
Duke, D.W., Taylor, F.E. Determination of the sea-quark distributions in the proton by single-particle inclusive reactions 8-66090
Duke, J.M., Hebbard, M., Reynolds, S.D., Lewis, J. Material consideration for large sodium-heated steam generators 8-82503
Duke, J.M., Naldrett, A.J. A numerical model of the fractionation of olivine and molten sulfide from komatiite magma 8-96177
Duke, P.J. *see* Alper, B. 8-70414
Dukhanov, V.I., Mazurov, I.B., Mitin, A.A., Chesalov, A.A. Universal charge-sensitive preamplifier 8-77932
Dukhin, S.S., Rulev, N.N. Hydrodynamic interaction between a solid spherical particle and a bubble in the elementary act of flotation 8-51221
Dukhin, S.S. *see* Rulev, N.N. 8-53261
Dukhopel, I.I., Simonenko, T.V. Distortion of interference fringes when the focusing on the test object is imprecise 8-89531
Dukhovnyi, A.M., Prilezhaev, D.S. Possible method for controlling the spatial characteristics of the output from a single-pulse laser 8-79058
Dukhovskaya, E.L., Saksonov, Yu.G. Calculation of structural parameters in compounds of the garnet type 8-67701
Dukhovskoi, E.A., Karapetyan, S.S., Morozov, Yu.G., Onishchenko, A.S., Petinov, V.I., Ponomarev, A.N., Silin, A.A., Stepanov, B.M., Tal'roze, V.L. Superconductivity of friction layers formed on germanium during friction between germanium and lead 8-52143
Dukiet-Zawadzka, B. *see* Ciach, R. 8-56641
Duldig, M.L., Emery, M.W., Fenton, A.G., Fenton, K.B., Greenhill, J.G., Thomas, R.M. Balloon observations of the X-ray pulsar Vela XR-1 8-69913
Duldig, M.L. *see* Hudson, R.M. 8-69916
Duley, W.W. *see* Andrews, L. 8-58712
Duley, W.W. *see* Mirza, M.Y. 8-55153, 8-70805
Dulic, A., Flytzanis, C. A new class of conjugated molecules with large second order polarizability 8-66683
Dulin, M.A. *see* Galkin, A.A. 8-55869
Dulitskii, R.B. *see* Belyanin, E.E. 8-62194
Dulk, G.A., McLean, D.J. Coronal magnetic fields 8-77533
Dulk, G.A. *see* Melrose, D.B. 8-65579
Dullenkopf, G. *see* Delaue, L. 8-76744
Dul'nev, G.N., Ereemeev, M.A., Zarichnyak, Yu.P., Koltunova, E.N. A combined numerical method for determining the conductance of composite bodies 8-63261
Dul'nev, G.N., Kuz'min, V.A., Pilipenko, N.V., Tikhonov, S.V. Special features of measurement of nonstationary heat fluxes by heat meters implementing the auxiliary wall method 8-59275
Dul'nev, G.N., Novikov, V.V. Thermoelectric and galvanomagnetic properties of systems with mutually penetrating components 8-79982
Dul'nev, G.N., Novikov, V.V. Effective conductivity of systems with interpenetrating components 8-83209
Dulnev, G.N., Zarichnyak, Yu.P., Muratova, B.L. Forecast of the surface structure of Moon, Mars, Mercury and Venus based on radio-astronomical observations of their thermal conditions 8-77502
Dultz, W., Krause, H. Light-scattering studies of the polymorphism of potassium cyanide under hydrostatic pressure 8-88302
Dultzin-Hagyan, D., Hacyan, S. Comments on the optical appearance of white holes 8-81650
Dulude, R. *see* Cutts, D. 8-89746
Dulude, R.S. *see* Cutts, D. 8-78380
Dul'zon, A.A. *see* Potapkin, V.I. 8-88928
Dum, C.T. Anomalous electron transport equations for ion sound and related turbulent spectra 8-67319
Dum, C.T. Anomalous heating by ion sound turbulence 8-67378
Duma, M., Grama, C., Grama, N., Marinescu, L., Voiculescu, Gh. A high resolution charged particles identification system 8-66451
Duma, M. *see* Alevra, A. 8-62542
Duma, M. *see* Cenja, M. 8-94003
Duma, M. *see* Chenzha, M. 8-94011
Dumala, R. *see* Trenhaile, A.S. 8-92857
Dumargue, P. *see* Taftazani, M. 8-64849
Dumas, J., Schlenker, C. From the spin glass to the antiferromagnetic regime in $(\text{Ti}_{1-x}\text{V}_x)_2\text{O}_3$ 8-52276
Dumas, J., Schlenker, C., Chouteau, G., Nasr Eddine, M., Sayetat, F. Spin glass and metallic antiferromagnetism in disordered $(\text{Ti}_{1-x}\text{V}_x)_2\text{O}_3$: high magnetic field and X-ray studies 8-68268
Dumas, J. *see* Courdille, J.M. 8-72472
Dumas, P. *see* Steinbrunn, A. 8-64888
Dumas, R. *see* Fulachier, L. 8-94667
Dumbrajs, O. Dispersion treatment of the NN and NN forward scattering amplitudes 8-62337
Dumbrajs, O. Determination of the $\pi^3\text{He}^3\text{He}$ coupling constant from data on the $p^3\text{H} \rightarrow n^3\text{He}$ differential cross section 8-89801
Dumbrajs, O. Determination of the $^7\text{Be}^4\text{He}^3\text{He}$ coupling by a dispersion analysis of $^3\text{He}+^4\text{He}$ scattering 8-89889
Dumermuth, G., Gasser, Th. The computation of EEG bispectra 8-92727
Dumesnil, J.G. *see* Shoucri, R.M. 8-80896
Dumesnil, P. *see* Arnal, T. 8-66362
Dumitrescu, D.C. Waveguide lasers 8-59049
Dumitrescu, B. *see* Constantinescu, A. 8-80943
Dumitrescu, C. Practical investigations on the influence of Zr in Al-Fe cast alloys 8-84813
Dumitrescu, H., Savulescu, St.N. Theoretical evaluation of turbulence intensity distributions associated to Thompson's velocity profiles 8-67189
Dumitrescu, P. *see* Bunus, F. 8-73117
Dumitrescu, R. *see* Alevra, A. 8-62542
Dumitrescu, S. *see* Percec, V. 8-84221
Dumitrescu, Kh. *see* Pavelesku, M. 8-70590
Dumitru, R.O. *see* Berinde, A. 8-78351
Dumke, K. *see* Tiller, H.-J. 8-85201
Dummling, K. Somatom-rapid image reconstruction and examination speed 8-92693
Dumnov, G.E., Telenin, G.F. Nonlinear wave phenomena in a closed tube 8-87353
Dumon, B. *see* Berrue, J. 8-79406
Dumont, G., Pattyn, H., Huyse, M., Lhersonneau, G., Verplancke, J., Van Klinken, J., De Raedt, J., Sastry, D.L. LISOL, the Leuven isotope separator on-line at the 'CYCLOTRON'-cyclotron 8-70682
Dumont, G. *see* Huyse, M. 8-93976
Dumont, G. *see* van Klinken, J. 8-58531
Dumont, H. *see* Hellmeister, H.P. 8-74387
Dumont, H.J. Neolithic hyperarid period preceded the present climate of the Central Sahel 8-73500
Dumont, M.N. *see* Remy, F. 8-90220
Dumont, P.D., Baudinet-Robinet, Y., Garnir, H.P., Grevesse, N., Biemont, E. Beam-foil study of Al IV and Al V between 1100 and 1900 Å 8-70919
Dumont, P.D., Garnir, H.P., Baudinet-Robinet, Y. Beam-foil study of sulfur between 500 and 1200 Å 8-66488
Dumont, P.D. *see* Garnir, H.P. 8-62756
Dumont, Th., Morguleff, N., Rutly, B., Terzan, A. A search for periodicities in the pulsation of delta Scuti stars. IV. A new method of computing the period of a complex signal 8-85949
Dumont-Lepage, M.C. *see* Gazeou, J.P. 8-49700
Dumoulin, L. *see* Machida, K. 8-52160
Dunaev, F.N. *see* Mikheev, M.N. 8-60958, 8-95889
Dunaev, V.G. *see* Emel'yanov, I.Ya. 8-82475
Dunaev, V.G. *see* Filipchuk, E.V. 8-86643
Dunaeva, N.P. *see* Berezhnoi, V.M. 8-83497
Dunaeva, T.Yu. *see* Ptashnik, V.B. 8-59974
Dunaevskaya, L.M. *see* Kharitonov, Yu.N. 8-60411
Dunaevskii, A.V. *see* Volodin, E.Ya. 8-53779
Dunaevskii, S.M. Interaction of ions with metal surfaces 8-68069
Dunaevskii, V.A. *see* Chudnovskii, A.I. 8-83324
Dunavetskii, L.D. *see* Kipnis, B.A. 8-74024
Dunbar, I.H. Tensor mesons as a source of low-mass dimuons 8-70411
Dunbar, R.C. Substituent effects in benzene cation spectroscopy. I. Perturbation theory 8-58709
Dunbar, R.C. *see* Ho-I Teng, H. 8-58710
Dunbar, R.C. *see* Orth, R.G. 8-58752
Dunbar, W.S. *see* Boore, D.M. 8-65193
Duncan, A. Explicit dimensional renormalisation of quantum field theory in curved space-time 8-54539
Duncan, D.D. A generator-motor model 8-65739
Duncan, D.R. Effect of prior irradiation creep on the subsequent burst strength of 20% cold-worked type 316 stainless-steel cladding 8-62599
Duncan, L.D. *see* Pierluissi, J.H. 8-70202
Duncan, L.M., Behnke, R.A. Observations of self-focusing electromagnetic waves in the ionosphere 8-96347
Duncan, L.M. *see* Showen, R.L. 8-57382
Duncan, M.D. *see* Byer, R.L. 8-89448
Duncan, M.M. *see* Menendez, M.G. 8-66650
Duncan, P.J. *see* Chisholm, D. 8-94534
Duncan, R.A. Solar X-ray emission and metre-wave radio bursts 8-69774
Duncan, R.G. *see* Rosinger, H.E. 8-55896
Duncan, W., Smellie, A.R. Si-CdS heterojunction memory diodes 8-80046
Duncan, W. *see* Livingstone, F.M. 8-52068
Dunkel, M. *see* Krugermeyer, L. 8-92895
Dundarov, P.G. Depth of penetration of a plane electromagnetic wave into solid ferromagnetic permeability 8-50679

- Dundon, J.M.**, Kretschmar, M.E. Op-amp mutual inductance bridge 8-54407
- Dundurs, J.** see Comninou, M. 8-51136
- Dunegan, H.L.** see Green, A.T. 8-53177
- Dunets, V.B.** Resistance thermometers for high temperature 8-57958
- Dunford, E.** see Bogges, A. 8-96382, 8-96383
- Dung, N.-H.** see Smiri, L.D. 8-83798
- Dungan, M.A.**, Long, P.E., Rhodes, J.M. Magma mixing at mid-ocean ridges: evidence from Legs 45 and 46-DSDP 8-77209
- Dungey, J.W.** The history of the magnetopause regions 8-61667
- Dunham, D.W.** see Taylor, G.E. 8-53856
- Dunham, E.W.** see Elliot, J.L. 8-85897
- Duniec, J.T.**, Thorne, S.W. The relation of light-induced slow absorbancy and scattering changes about 520 nm and structure of chloroplast thylakoids—a theoretical investigation 8-69019
- Dunin, I.L.** see Sukhovich, E.P. 8-94565
- Dunitz, J.D.** see Murray-Rust, P. 8-63705, 8-63706
- Dunitz, J.D.** see Rosenfield, R.E., Jr. 8-91385
- Dunk, P.** see McCurrie, R.A. 8-91899
- Dunkerton, T.J.** see Stanford, J.L. 8-92901
- Dunkley, J.J.** The production of metal powders by water atomisation 8-64506
- Dunlap, B.D.**, Shenoy, G.K., Friedt, J.M., Meyer, M., McCarthy, G.J. Crystal field properties of $\text{Yb}_2\text{Ti}_2\text{O}_7$ 8-67990
- Dunlap, B.D.** see Raseria, R.L. 8-76364, 8-95272
- Dunlap, B.D.** see Shenoy, G.K. 8-68112, 8-80262
- Dunlap, J.H.** see Sanford, T.B. 8-61569
- Dunleavy, H.N.**, Jones, W. Multiple scattering calculations of the resistivity of liquid transition metals 8-76039
- Dunleavy, J.K.** see Dunmur, D.A. 8-60377
- Dunleavy, L.H.** see Blythe, H.J. 8-52316
- Dunlop, D.J.** The hunting of the 'spark' 8-65274
- Dunlop, D.J.** see Buchan, K.L. 8-65278
- Dunlop, D.J.** see McWilliams, M.O. 8-88794
- Dunlop, G.L.**, Carlsson, C.-J., Fridmodig, G. Precipitation of VC in ferrite and pearlite during direct transformation of a medium carbon microalloyed steel 8-52812
- Dunlop, G.L.**, Honeycombe, R.W.K. Microstructural effects on the creep fracture of 1/2 Cr Mo V steel 8-64668
- Dunlop, G.L.**, Honeycombe, R.W.K. Ageing characteristics of VC, TiC, and (V,Ti)C dispersions in ferrite 8-84874
- Dunlop, G.L.** see Howell, P.R. 8-84912
- Dunlop, G.L.** see Nilsson, J.O. 8-88509
- Dunlop, G.R.** see Bates, R.H.T. 8-61231
- Dunlop, J.B.**, Williams, J.M., Longworth, G. ^{57}Fe Mossbauer measurements in ZnFe alloys and the Zn-rich intermetallic compound Zn_{13}Fe 8-95534
- Dunlop, J.J.** Impedance of closed front fibre masses—amplitude dependent damping 8-83144
- Dunlop, P.J.** see Aoyagi, K. 8-55709
- Dunmore, P.V.** see Goodings, D.A. 8-68407
- Dunmur, D.A.**, Manterfield, M.R., Miller, W.H., Dunleavy, J.K. The dielectric and optical properties of the homologous series of cyano-alkyl-biphenyl liquid crystals 8-60377
- Dunn, A.G.**, Beales, K.J., News, G.R., Wilson, J.L. Near infrared optical absorption of iron(II) in some sodium borosilicate glasses 8-84616
- Dunn, A.H.** Instrumentation tape recording: applications vs. recording mode 8-62188
- Dunn, A.S.**, Al-Shahib, A.G.R. On the applicability of Gardon's equations for the calculation of particle size in emulsion polymerisation 8-92479
- Dunn, C.S.** see Ruckenstein, E. 8-79911
- Dunn, D.S.** see Golden, W.G. 8-74654
- Dunn, E.M.**, Young, K.P., Flemings, M.C. Structure of directionally solidified two phase ternary alloys 8-80537
- Dunn, F.** see Goss, S.A. 8-61213, 8-88727
- Dunn, G.H.** see DuBois, R.D. 8-66671
- Dunn, H.** see McGrath, T. 8-77649
- Dunn, H.W.** see Hulett, L.D. 8-80817
- Dunn, K.A.**, Tupper, B.O.J. Tilting and viscous models in a class of Type V_{10} cosmologies 8-57703
- Dunn, K.F.**, Gilmore, B.J., Simpson, F.R., Gilbody, H.B. $\text{He}(2^1\text{S})$ and He^+ formation in fast charge-changing collisions and evidence for a long-lived doublet state of He^- 8-58811
- Dunn, K.F.** see Angel, G.C. 8-50634
- Dunn, K.J.**, Bundy, F.P. Materials and techniques for pressure calibration by resistance-jump transitions up to 500 kilobars 8-54388
- Dunn, M.H.** see Wagstaff, C.E. 8-66850
- Dunn, R.** see Gregory, W.D. 8-56422
- Dunn, R.A.**, Zenner, R.J., Pipberger, H.V. Computer display of serial electrocardiographic changes in hypertensive cardiovascular disease 8-81047
- Dunn, S.T.** Fourier transform infrared spectrometers: their recent history, current status, and commercial future 8-58072
- Dunn, W.** see de Lima, E. 8-55090
- Dunne, J.A.** The experimental oceanographic satellite Seasat-A 8-77455
- Dunne, P.C.** see Argyris, J.H. 8-86161, 8-89310
- Dunne, T.** Rates of chemical denudation of silicate rocks in tropical catchments 8-73414
- Dunnerhacke, K.H.**, Schubert, M., Wiederhold, G. Theoretical and experimental investigations of the electrical excitation rates in TEA CO_2 lasers 8-71078
- Dunning, F.B.** Tunable-ultraviolet generation by sum-frequency mixing 8-74949
- Dunning, F.B.** see Hildebrandt, G.F. 8-50620
- Dunning, F.B.** see Kalisvaart, M. 8-51400
- Dunning, F.B.** see Smith, K.A. 8-58795
- Dunning, F.B.** see Stickel, R.E., Jr. 8-55404, 8-59080, 8-83029
- Dunning, T.H., Jr.**, Hay, P.J. Low-lying electronic states of the rare gas oxides 8-63084
- Dunning, T.H., Jr.**, Hay, P.J. The covalent and ionic states of the rare gas monofluorides 8-78634
- Dunning, T.H., Jr.** see Hay, P.J. 8-63083, 8-90092
- Dunning-Davies, J.** Remarks on negative absolute temperatures and Carnot cycles 8-61996
- Dunnweber, W.** see Graw, G. 8-54788
- Dunnweber, W.** see Ho, H. 8-54786
- Dunstan, D.J.** see Dawson, P. 8-80253
- Dunstan, D.J.** see Morigaki, K. 8-84500
- Dunstan, D.J.** see Nicholls, J.E. 8-80255
- Dunsworth, A.E.**, Jan, J.-P., Skriver, H.L. de Haas-van Alphen effect, LMTO bandstructure and Fermi surface of $\text{B}'\text{-AgMg}$ 8-75984
- Duong, H.T.** see Huber, G. 8-78826
- Duong Bui Huy** see Huy Duong Bui
- Duong Hong Tuan** see Hong Tuan Duong
- Duong-van, M.**, Blankenbecler, R. Production of massive lepton pairs 8-66091
- Duong-van, M.** see Bunnell, K. 8-74258
- Duong-van, M.** see del Papa, C. 8-74264
- Dupas, A.** The industrialization of space: myth or reality of tomorrow? 8-77454
- Dupas, C.**, Renard, J.-P. Effect of impurities on the Neel temperature and the low-temperature magnetic susceptibility of the quasi-one-dimensional antiferromagnet TMMC 8-88113
- Dupin, J.** see Appel, E. 8-58513
- Dupin, J.J.** see Firpo, J.L. 8-51795
- Dupius, R.D.**, Dapkins, P.D. Very low threshold $\text{Ga}_{1-x}\text{Al}_x\text{As-GaAs}$ double-heterostructure lasers grown by metalorganic chemical vapor deposition 8-55365
- Duplant, J.C.** see Briguet, A. 8-72429
- Duplantier, B.** see Balian, R. 8-55278
- Duplatre, G.** see Fernandez Valverde, S. 8-92470
- Duplessy, J.C.** see Pastouret, L. 8-73355
- Duplessy, J.C.** see Reys, J.L. 8-85709
- Dupont, A.**, Giordano, G., Mandrou, P., Niel, M. Gamma ray scintillator response and unscrambling of pulse height spectra 8-55092
- Dupont, G.** see Ernst, C. 8-62807
- Dupont, Y.** Transient kinetics of sarcoplasmic reticulum Ca^{2+} - Mg^{2+} ATPase studied by fluorescence 8-61156
- Dupouy, J.M.** see Delpeyroux, P. 8-66349
- Dupre, D.B.** see Chapoy, L.L. 8-80390
- Dupre, F.** see Bosi, P. 8-75757, 8-95122
- Dupre, G.** see Gillot, B. 8-79778
- Dupre, J.**, Dupre-Maquaire, J., Pinson, P., Meyer, C. Approaches to dissociation processes of SF_6 by one or two TEA CO_2 lasers 8-74713
- Dupre, M.J.**, Rosencrans, S.I. Classical and relativistic vorticity in a semi-Riemannian manifold 8-65842
- Dupre-Maquaire, J.** see Dupre, J. 8-74713
- Dupree, A.K.**, Davis, R.J., Gursky, H., Hartmann, L.W., Raymond, J.C., Bogges, A., Holm, A., Kondo, Y., Wu, C.-C., Macchetto, F., Sandford, M.C.W., Willis, A.J., Wilson, R., Ciatti, F., Hutchings, J.B., Johnson, H.M., Jugaku, J., Morton, D.C., Treves, A., van den Heuvel, E.P.J. IUE observations of X-ray sources: HD 153919 (4U1700-37), HDE 226868 (Cyg X-1), HZ Her (Her X-1) 8-96569
- Dupree, A.K.** see Linsky, J.L. 8-96475
- Dupree, A.K.** see Raymond, J.C. 8-53899
- Dupree, C.R.** A bleach system for color positive and negative film that reduces waste treatment requirements 8-49923
- Dupree, S.A.** see Philbin, J.S. 8-82470
- Dupree, T.H.** Role of lumps in drift-wave turbulence 8-67352
- Dupree, T.H.**, Tetreault, D.J. Renormalized dielectric function for collisionless drift wave turbulence 8-51292
- Dupuis, M.**, King, H.F. Molecular symmetry. II. Gradient of electronic energy with respect to nuclear coordinates 8-66463
- Dupuis, M.**, Liu, B. The ground electronic state of B_2 8-58590
- Dupuis, M.** see Pacansky, J. 8-62722
- Dupuis, M.M.** see Landers, R. 8-67668
- Dupuis, R.D.**, Dapkus, P.D. Continuous room-temperature operation of $\text{Ga}_{1-x}\text{Al}_x\text{As-GaAs}$ double-heterostructure lasers grown by metalorganic chemical vapour deposition 8-55363
- Dupuis, R.D.**, Dapkus, P.D. Room-temperature operation of distributed-Bragg-confinement $\text{Ga}_{1-x}\text{Al}_x\text{As-GaAs}$ lasers grown by metalorganic chemical vapor deposition 8-74907
- Dupuis, R.D.**, Dapkus, P.D., Kolbas, R.M., Holonyak, N., Jr. Determination of the indirect band edge of GaAs by quantum-well bandfilling ($L_2 \sim 100 \text{ \AA}$) 8-92120
- Dupuis, R.D.**, Dapkus, P.D., Moudy, L.A. Low-threshold room-temperature $\text{Ga}_{1-x}\text{Al}_x\text{As/GaAs}$ lasers grown by metalorganic chemical vapor deposition 8-50804
- Dupuis, R.D.** see Holonyak, N., Jr. 8-74908
- Dupuy, C.**, Van Den Bergh, H. The temperature dependence of the cage effect in the gas phase 8-80770
- Dupuy, C.H.S.** see Guermazi, M. 8-67755
- DuPuy, D.L.** Nonlinearities in the ITT FW-130 photomultiplier 8-85852
- DuPuy, D.L.** see Forbes, D. 8-53993
- DuPuy, D.L.** see Kilambi, G.C. 8-53965
- Dupuy, J.** see Bertault, P. 8-87585, 8-91172
- Dupuy, J.** see Dastarac, G. 8-87587
- Dupuy, J.** see Diaine, C. 8-63780
- Dupuy, N.** see Vigoureux, P. 8-57887
- Dupzyk, R.J.**, Henderson, C.M., Buckley, W.M., Struble, G.L., Lanier, R.G., Mann, L.G. Production of radioactive targets for use in high-resolution, charged-particle reaction spectroscopy 8-70670
- Duquette, D.J.** see Sproles, E.S., Jr. 8-64741
- Duquette, G.**, Ellis, T.H., Scoles, G., Watts, R.O., Klein, M.L. An intermolecular potential for $(\text{NH}_3)_2$ 8-58764
- Durairaj, S.K.**, Telfer, N.E., Haywood, L.J. Computer technique for myocardial perfusion scan interpretation 8-80960
- Duran, A.** see Calvo, M.L. 8-71008
- Duran, J.** The Jahn-Teller effect in ionic crystals: Recent developments 8-64015
- Duran, J.** see Kliava, J. 8-84634
- Duran, P.** Phase relationships in the hafnia-gadolinia system 8-72769
- Durand, B.** see Assailly, J. 8-81004
- Durand, F.** see Tassoni, D. 8-87893
- Durand, G.** see Bartolino, R. 8-91229, 8-91231, 8-94986
- Durand, G.** see Masanet, J. 8-90217
- Durand, J.**, Cot, L., Beys, L., Hillaire, P., Alcorn, S. Structural study of $(\text{NH}_4)_2\text{PO}_3\text{F} \cdot \text{H}_2\text{O}$ at 120K by X-ray diffraction and Raman spectroscopy between 293 and 83K 8-52507
- Durand, J.**, Falius, H., Galigne, J.L., Cot, L. An oxyfluoride compound of P^{v} with a polycondensed anion: $\text{K}_2\text{P}_2\text{O}_5\text{F}_2$ 8-51501
- Durand, J.**, Poon, S.J. Crystal-field effects and magnetic interactions in amorphous $\text{Ce}_{80}\text{Au}_{20}$ 8-68191
- Durand, J.** see Johnson, W.L. 8-88057
- Durand, J.** see Onn, D.G. 8-68274
- Durand, J.** see Raj, K. 8-68409
- Durand, J.L.**, Chauvin, J., Perrin, C., Perrin, G., Duhamel, G., Benayoun, J.J., Laverne, A. Measurements in a new phase space region of the $^2\text{H}(p,2p)n$ break-up reaction 8-93997
- Durand, M.**, Brack, M., Schuck, P. A semiclassical density matrix valid beyond the classically allowed region 8-65872
- Durano-Charre, M.**, Bronner, C., Lagarde, J.-P. Relation between magnetic properties and crystallographic texture of columnar Alnico 8 permanent magnets 8-95483
- Duray, J.R.** see Fortune, H.T. 8-78352
- Durban, D.** see Libai, A. 8-63345
- Durczewski, K.** A remark on spin-fluctuation resistivity of anisotropic ferromagnetic metals 8-56137
- Durelli, A.J.**, Pavlin, V., Buhler-Vidal, J.O. Elastostatics of cubic boxes subjected to pressure 8-59307
- Duren, B.**, Heinze, R., Dittrich, H. Data acquisition and processing during cardiac surgery by means of a multiplexer system with pulse interval modulation 8-92743
- Duren, R.** Scattering experiments with laser excited Na beams 8-62905
- Duren, R.**, Groger, W. A determination of the Na-Ar ground state potential from differential cross section measurements 8-58769
- Duren, R.**, Hoppe, H.-O. Measurement and evaluation of differential scattering cross sections for $\text{Na } ^2\text{P}_{3/2}$ with $\text{Hg } 8-66644$
- Duren, R.**, Krause, U., Moritz, G. Integral cross sections for electronic excitation in K-Hg collisions 8-62888
- Duret, M.F.** Introducing advanced nuclear fuel cycles in Canada 8-89968
- Durfee, N.W.** Assembly of ISX 8-54883
- Durga Prasada Rao, N.V.N.**, Poornachandra Rao, M. Clay mineral distribution in sediments of the eastern part of the Bay of Bengal 8-81146

- Durgaprasad, N.** Ionization states and the origin of low energy (1-30 MeV/amu) cosmic ray nuclei 8-69634
- Durgaprasad, N., Rao, M.V.S.** A new interpretation of an event attributed to a magnetic monopole 8-69635
- Durgaprasad, N., Rengarajan, T.N.** Proton and electron components in galactic cosmic rays 8-69633
- Durgaprasad, N.** see Biswas, S. 8-69632
- Durham, F.E.** see Lueders, D.H. 8-50091
- Durham, P., Gyorffy, B.L., Temmerman, W.M., Hague, C., Stocks, G.M.** Soft X-ray emission spectra of $\text{Cu}_2\text{Ni}_{1-x}$ alloys 8-95620
- Duric, N., Erman, P., Larsson, M.** The influence of collisional transfers and perturbations on measured A and B state lifetimes in CN 8-78756
- Duric, N.** see Bromander, J. 8-50506
- Duric, N.** see Carlson, T.A. 8-78699
- Durie, N.D.** Some techniques for portable incubators 8-81055
- Durie, N.D., Cote, C.** The headlight: a light-operated remote-control device for the handicapped 8-53571
- Durie, R.A., Milne, J.W.** Infrared spectra of anhydrous alkali metal sulphates 8-52510
- Durie, L.** Poisson's theorem in heliocentric variables. Conditions for the application of this theorem concerning the invariability of the major axes of planetary orbits to second order in the masses 8-85829
- Durif, A., Guitel, J.-C.** Structure of the triclinic form of barium monophosphate 8-55848
- Durif, A.** see Brunel-Laugt, M. 8-55854
- Durif, A.** see Seethanen, D. 8-51480
- Durig, J.R., Compton, D.A.C.** Low frequency vibrational spectra, methyl torsional potential functions, and internal rotational potential of methyl vinyl ether and methyl- d_3 vinyl ether 8-94250
- Durig, J.R., Cooper, P.J., Stampf, E.J., Odom, J.D.** Spectra and structure of phosphorus-boron compounds. XVII. Vibrational analysis of silylphosphine-borane 8-84586
- Durig, J.R., Griffin, M.G., Cooper, P.J., Zozulin, A.J., Odom, J.D.** Infrared, Raman spectra and vibrational assignment of $(\text{PF}_2)_2\text{O}$ 8-50544
- Durig, J.R., Kalasinsky, K.S., Kalasinsky, V.F.** Vibrational spectra and potential function for the low-frequency bending mode of silyl isothiocyanate and silyl isothiocyanate- D_3 8-70842
- Durig, J.R., Kalasinsky, K.S., Kalasinsky, V.F.** Potential function for the low frequency bending mode of silylisocyanate 8-82728
- Durig, J.R., Kalasinsky, V.F.** Determination of the molecular symmetry of quasi-linear molecules 8-62940
- Durig, J.R., Li, Y.S.** Microwave spectrum of gauche-isopropylphosphine 8-58674
- Durig, J.R., Streusand, B.J.** Spectra and structure of silicon-containing compounds. X. Infrared and Raman spectra of methoxytrimethylsilane and methoxy- d_3 -trimethylsilane 8-86853
- Durig, J.R., Sullivan, J.F., Cox, A.W., Jr., Streusand, B.J.** Vibrational spectra and normal mode assignments for $(\text{CH}_3)_2\text{SiN}_3$, $(\text{CH}_3)_2\text{SiNCO}$ and $(\text{CH}_3)_2\text{SiNCS}$ 8-86867
- Durig, J.R., Varet, E.L., Natter, W.J., Muller, A.** Infrared spectrum of matrix-isolated hexachloro-disiloxane and low frequency Raman spectrum of the gas 8-82730
- Durig, J.R.** see Groner, P. 8-86848
- Durig, J.R.** see Li, Y.S. 8-58675
- Durig, J.R.** see Odom, J.D. 8-90155
- Durig, J.R. (editor)** Vibrational spectra and structure, vol. 7 8-78700
- Durin, M., Ganoulis, J.** Stresses in oscillatory converging or diverging flow by finite element simulation 8-92670
- Durisen, R.H.** see Scott, E.H. 8-57596
- Durlach, N.I.** see Berliner, J.E. 8-88719
- Durlu, T.N.** Observation of double twinning in Fe-24%Ni-0.45% C alloy martensites 8-76651
- Durlu, T.N.** An observation of slip lines in partially-twinned Fe-26.4 wt.% Ni-0.24 wt.% C alloy martensites 8-84913
- Durlu, T.N.** High voltage electron microscopy studies of thin foil martensite in Fe-Ni-C alloys 8-92264
- Durmanov, S.T., Plyashkevich, L.N.** Measurement of luminance contrast of high-power laser 8-87055
- Durney, A.** see Ogilvie, K.W. 8-85785
- Durney, A.C.** The International Sun-Earth Explorer (ISEE) mission 8-61701
- Durney, C.H.** see Olsen, R.G. 8-69137
- Durocher, J.J.G.** see Birchall, J. 8-50625
- Durocher, L.L., Gasper, A., Rhoades, G.** A numerical comparison of axisymmetric finite elements 8-89313
- Durouchoux, Ph.** see Albrenhe, F. 8-93107
- Durr, D., Bach, A.** The Onsager-Machup functions as Lagrangian for the most probable path of a diffusion process 8-73940
- Durr, D.** see Bach, A. 8-57818, 8-93627
- Durr, H.K.** see Schindler, J.G. 8-73269
- Durr, U.** see Macco, F. 8-72343
- Durran, D.R.** see Lamb, R.G. 8-85667
- Durrani, T.S., Goutis, C.E.** Frequency domain techniques for image reconstruction from their projections 8-58935
- Durrant, C.J.** see Bruzek, A. (editor) 8-57537
- Durski, Z., Wojtas, H., Boniuk, H., Nowaczek, H.** Lattice constants, space groups and powder data for $\text{UO}_2\text{SO}_4 \cdot 2\text{CO}(\text{NH}_2)_2$ and $\text{UO}_2\text{SO}_4 \cdot 3\text{CO}(\text{NH}_2)_2$ crystals 8-59798
- D'Urso, N.R.** see Clark, R.J.H. 8-82745
- Duruiseau, J.-P.** Horizons in five-dimensional theory 8-73907
- Durup, J.** On isotope effects in the predissociations of HD 8-86924
- Dusa, O.** see Janos, S. 8-95281
- Dusa, O.** see Konc, M. 8-60322, 8-60587
- Dussauge, J.P., Gaviglio, J., Favre, A.** Density changes and turbulence production in the expansion or compression of a turbulent flow at supersonic speed 8-94767
- Dusseau, J.M., Ensue, L., Im-Saroeun, Lepetre, T.P.** High electric field effect in silicon-boron compounds such as B_{14}Si 8-64048
- Dusseau, J.M.** see Cucilleron, J. 8-59822
- Dusseau, J.M.** see Pistoulet, B. 8-79994
- Dussel, G.G., Maqueda, E.E., Perazzo, R.P.J.** Nuclear field theory and the inelastic scattering of structureless particles by nuclei 8-78332
- Dust, P.** see Brunnengraber, H. 8-86261
- Dustman, R.E.** see Lewis, E.G. 8-61160
- Dustmann, C.H.** TESPE, a small superconducting compact torus 8-54926
- Dustmann, C.-H.** see Arendt, F. 8-50376
- D'Uston, C.** see Zastenkner, G.N. 8-57534
- Duston, D., Duderstadt, J.J.** Ionization and radiation dynamics of dense MHD plasmas 8-83606
- Dusza, P.** see Das, S.K. 8-71774
- Duszek, M.K.** A systematic study of kinematics of shells at large strains and displacements 8-79221
- Dutachak, Ya.I., Mikityuk, Z.M., Fedysyn, M.I., Fedysyn, Ya.I., Motsko, V.G.** On the problem of interpreting the curves of small-angle X-ray scattering by liquid crystals 8-59752
- Duteil, P.** see Binon, F. 8-54804, 8-82582
- Duthie, J.C., Pettifor, D.G.** Importance of the ion core to the pressure dependence of superconductivity in Ba 8-91805
- Duthie, J.G.** see French, R.G. 8-53853
- Dutoya, D.** Heat flux transferred by a flow in turbulent combustion 8-94688
- Dutsch, H.U.** Vertical ozone distribution on a global scale 8-73475
- Dutt, D.N., Ramakrishna, B.S.** Application of optimization methods to vibration control of stretched strings 8-83305
- Dutt, D.N., Ramakrishna, B.S.** Vibration control of stretched strings by an external distributed force 8-83308
- Dutta, A.C.** see Sinha, D.P. 8-51525
- Dutta, A.K.** see Chaudhuri, B.K. 8-52208
- Dutta, M., Chakraborty, C.G.** Statistical thermodynamics from the point of view of statistical theory of estimation 8-54328
- Dutta, N.** On stimulated recombination radiation from n-InSb 8-90456
- Dutta, N.C., Freeman, D.L.** A numerical solution to the integral equation for atomic pair energies 8-90065
- Dutta, V., Nath, P., Chopra, K.L.** Structural and electrical properties of polycrystalline Ge films 8-76173
- Dutta-Roy, B.** see Bhauimik, D. 8-95996
- Dutton, D.** USA standards on OFT 8-50725
- Dutton, E.J.** see Dougherty, H.T. 8-88885
- Dutton, J.** see Bye, P. 8-87580
- Dutton, J.** see Coates, R. 8-79488
- Dutton, J.L.** see Koh, J.C. 8-91008
- Dutton, J.W.R.** The determination of parent radionuclide activity by daughter decay measurements after separation of the two nuclides with different radiochemical yields 8-78596
- Dutton, J.W.R.** Environmental pollution by nuclear fission products 8-85607
- Dutton, R.W.** see Antoniadis, D.A. 8-75882
- Dutton, R.W.** see Meindl, J.D. 8-72049
- Dutuit, O., Gutcheck, R.A., le Calve, J.** Spectral and kinetic studies of the second continuum fluorescence of xenon excited by synchrotron radiation 8-90113
- Dutuit, Y.** see Le Petit, J.P. 8-72459
- Duval, C., Fliche, H.H.** A conformal invariant model of localized spinning test particles 8-49729
- Duval, P.** Must we believe in measurements of vacuum pressures? 8-49846
- Duval, P., Karp, A.H.** The combined effects of expansion and rotation on spectral line shapes 8-53920
- Duval, X.** see Matekci, M. 8-91548
- Duval, K.C.** see Bowman, C.D. 8-66323
- DuVarney, R.C., Garrison, A.K.** An EPR-ENDOR study of phosphorus in phenacite 8-76295
- Duvidzon, I.A.** see Umanskii, S.E. 8-81819
- Duvidzon, V.M., Polyakov, Ye.A., Fetisov, I.K.** Gas discharge investigation in crossed electric and magnetic fields 8-75471
- Duvvury, C.** see Rowlands, J.A. 8-51969
- Duwe, P.** Metallic glasses 8-83744
- Duwe, P.** see Hines, W.A. 8-68400
- Duwe, P.** see Johnson, W.L. 8-88057
- Duxbury, A.C.** Marine science education—some inequities 8-53657
- Duxbury, G., Herman, H.** CW optically pumped far-infrared waveguide laser with variable-output Michelson coupler 8-55372
- Duxbury, T.** see Thomas, P. 8-57484
- Duxbury, T.C.** Phobos transit of Mars as viewed by the Viking cameras 8-69723
- Duxbury, T.C.** Spacecraft imaging of Phobos and Deimos 8-89102
- Duy Phach Vu** see Vu Duy Phach
- Duyn, R.P.** Van see Van Duyn, R.P.
- Duynneveldt, A.J.** Van see van Duynneveldt, A.J.
- Duys, H.** Van see van Duys, H.
- Duzer, T.** Van see Van Duzer, T.
- Duzgit, Z.** A study on the E-layer above Istanbul 8-65461
- Duzheva, T.I., Kabalkina, S.S., Novichkov, V.P.** Polymorphism of silicon under high pressure 8-59947
- Dvey-Aharon, H.** see Fibich, M. 8-52266
- Dvinin, S.A.** see Bulkin, P.S. 8-63621
- Dvinyaninov, B.L.** see Arkhipov, G.A. 8-85104
- Dvinyaninov, B.L.** see Birkle, G.V.B. 8-52542
- Dvorak, R.** The capture problem in celestial mechanics 8-77477
- Dvorak, R.** see Kilauga, P. 8-65133
- Dvorak, V.** On structural phase transitions from a hypothetical phase 8-83938
- Dvorak, V., Ishibashi, Y.** A model of an incommensurate-commensurate phase transition 8-87760
- Dvorkin, M.I.** see Belyaeva, A.A. 8-50547
- Dvorkin, V.K., Karapetyan, G.O., Maksimov, L.V.** Copper segregation and the chemical differentiation of sodium borate melts and glasses 8-87625
- Dvornik, A.M.** see Bairamov, A.A. 8-78422
- Dvornikov, I.V., Kolpakov, Yu.N., Melekhin, V.G.** Absorption spectra of the products of flash photolysis of O_2 in the vacuum UV region 8-82749
- Dvoryaninov, G.S.** Transport and trapping of non-adiabatic wave energy 8-65328
- Dvoryashin, A.S.** see Bachurin, A.F. 8-65585
- Dvulit, P.D., Fattel'son, A.S.** Influence of the atmosphere on secular variations in the force of gravity 8-53612
- Dvunitkin, V.G., Vedernikov, M.V., Moreva, N.I.** Hall constant and electrical resistance of holmium and erbium at elevated temperatures 8-60110
- Dvunitkin, V.G.** see Vedernikov, M.V. 8-91676
- Dvurechensky, A.V., Kachurin, G.A., Antonenko, A.Kh.** The mechanisms of impurity redistribution on laser-annealing of ion-implanted semiconductors 8-87702
- Dvurechensky, A.V., Saimov, L.S.** Production and rearrangement of radiation defects in ion implanted semiconductors 8-87696
- Dweltz, N.E.** see Kulshreshtha, A.K. 8-83751
- Dwight, A.E., Klippert, T.E.** Variants of Zr_3Co and their superconducting critical temperatures 8-80519
- Dwight, A.E.** see Majewski, R.E. 8-68149
- Dwivedi, A.P., Lal, M., Sharma, J.P.** Axisymmetric punch problem in an infinite elastic thick plate 8-75065
- Dwivedi, C.P.D.** see Sharma, S.N. 8-70830
- Dwivedi, I.H.** Intensity of a null point source in a stationary spherically symmetric space-time 8-57839
- Dwivedi, K.S., Prakash, S., Prakash, O., Prasad, N.** Weak interaction in bromobenzene + m-xylene mixture 8-51614
- Dwivedi, K.S.** see Prasad, N. 8-51613
- Dwivedi, P.H., Branch, D., Huffaker, J.N., Bell, R.A.** Rotational dependence of Franck-Condon factors for selected band systems of CN, C_2 , CO, and CH 8-74701
- Dworak, T.Z.** On the formulation of a new method for determination of the aerosol content in the atmosphere [stellar photometric observations] 8-92976
- Dworak, U., Olapinski, H., Thamerus, G.** Mechanical strengthening of multiphase ceramics as illustrated by the ZrO_2 - $\text{ZrO}_2/\text{Al}_2\text{O}_3$ - $\text{ZrO}_2/\text{Al}_2\text{O}_3$ -TiC systems 8-60674
- Dworetzky, M.M.** see Giddings, J.R. 8-53944
- Dworkin, J.** see Heller, K. 8-82253
- Dworkin, L., Williams, D.N., Trumble, K.** Progress toward practical military fiber optic communication systems 8-59158

- Dworschak, F.**, Dimitrov, C., Dimitrov, O. A correlation between the size effect of impurity atoms and their trapping radii for migrating self-interstitials in copper and aluminium 8-75690
- Dworschak, F.** *see* Dimitrov, C. 8-63789
- Dworzecka, M.**, Moszkowski, S.A. Semiclassical approximation for a momentum dependent one-body potential 8-50101
- Dworzecka, M.** *see* Beck, F. 8-62567
- Dwyer, D.J.**, Rodgers, R.S. Using a pulse height analyzer as an XY recorder: Application to Auger spectroscopy 8-49942
- Dwyer, R.** The mean mass of the abundant cosmic-ray nuclei from boron to silicon at 1.2 GeV per atomic mass unit 8-93060
- Dwyer, S.** *see* Reau, J.M. 8-51731
- Dwyer, S.J., III** *see* Kelly, J.C. 8-77113
- D'yachenko, A.I.** *see* Svistunov, V.M. 8-56260, 8-60241
- D'yachenko, A.M.** *see* Kalnev, N.A. 8-72146
- D'yachenko, P.P.** *see* Pikaikin, V.M. 8-86564
- D'yachenko, V.A.** *see* Tulinov, V.F. 8-69575
- D'yachenko, V.G.** *see* Dorin, V.A. 8-86317
- D'yachkov, A.P.** Maximum number of particles that can be recorded by holography 8-58946
- D'yachkov, L.G.**, Golubev, O.A., Kobzev, G.A., Vargin, A.N. Studies of continuum radiation from nitrogen, oxygen and carbon dioxide plasmas in the vacuum ultraviolet region 8-91152
- D'yachkova, N.N.** *see* Ivanyutin, L.A. 8-91796
- Dyachuk, V.A.**, Mchnik, V.M., Zabolotskaya, T.N. Study of electric field strength and cumulonimbus raindrop spectra from a mobile ground station 8-92943
- Dyadichev, V.N.** *see* Avakyan, S.V. 8-53767
- Dyakin, V.V.** *see* Reser, B.I. 8-63963
- Dyakin, V.V.** *see* Volkenshtein, N.V. 8-87961
- Dyakina, V.P.** *see* Volkenshtein, N.V. 8-87961
- D'yakonov, D.I.** *see* Dokshitser, Yu.L. 8-93862
- D'yakonov, M.I.**, Subashiev, A.V. Temperature of a moving electron-hole drop in a semiconductor 8-67953
- D'yakonov, V.P.**, Kalinenko, A.G., Maksimchuk, A.A., Podoprigo, V.S., Remnev, A.M., Rudnev, O.V. Oscilloscope for displaying curves in polar coordinates 8-86253
- D'yakonova, N.B.** *see* Lysatoskii, I.V. 8-83778
- D'yakonova, N.I.**, Mileskhina, N.V. Investigation of thin-film gold coatings on germanium surfaces by the field emission method 8-67925
- D'yakonova, N.P.** *see* Varli, K.V. 8-86397
- D'yakov, Yu.E.** *see* Dzhotyan, G.P. 8-71148
- Dyakowski, T.** *see* Brodowicz, K. 8-94555
- Dyal, L., III** *see* Janus, A.R. 8-59206
- Dyal, P.** *see* Vanyan, L.L. 8-65518
- Dyatlov, A.I.** *see* Dorin, V.A. 8-86317
- Dyatlov, M.K.**, Kas'yan, V.G. Cadmium vapor gas laser LG-70 8-74889
- Dyban, E.P.**, Epik, E.Ya. Determining the mixing length in turbulent flow in tubes and boundary layers from measured turbulence characteristics 8-83371
- Dyban, E.P.**, Epik, E.Ya. Heat transfer in a boundary layer in turbulent air flow 8-94713
- Dyban, E.P.** *see* Mazur, A.I. 8-83449
- Dyban, Ye.P.**, Epik, E.Ya. Calculation of convective heat transfer from statistical characteristics of turbulence 8-83366
- Dyban, Ye.P.**, Epik, E.Ya., Filipchuk, Y.Ye. Local (length- and perimeter-wise) heat transfer in a flat duct at different initial inlet turbulence of the air flow 8-83480
- Dyban', Yu.P.**, Gnesin, G.G. Statistical distribution of values of apparent density of self-bonded silicon carbide 8-68657
- Dyban', Yu.P.**, Gnesin, G.G., Gorb, M.L., Polomoshnov, I.E., Kertser, S.M. Use of the simplex grid method for the construction of composition vs. apparent density diagrams for powder mixtures 8-60633
- Dybbs, A.** *see* Kar, K. 8-94582
- Dychko, I.A.**, Shlyakhovyi, V.P. Assessment of screening effect in observations of Earth tides 8-88787
- Dychko, I.A.** *see* Balenko, V.G. 8-88782
- Dyck, D.** *see* Van Dyck, D.
- Dyck, H.M.**, Jones, T.J. Near-infrared observations of interstellar polarization 8-77588
- Dyck, O.** *see* Van Dyck, O.
- Dyck, R.W.**, Taylor, R., Boase, D.G. Dissolution of (Th,U)O₂ in nitric acid-hydrofluoric acid solutions 8-59951
- Dyckman, H.L.** *see* Haus, H.A. 8-55391
- Dyeczmons, V.** Formation of planetary systems by successive contractions of the solar nebula. I. A general survey of this theory and first applications 8-85863
- Dydak, F.** *see* Hansl, T. 8-74244, 8-89698, 8-89860
- Dydak, F.** *see* Holder, M. 8-55103
- Dye, D.H.**, Ketterly, J.B., Crabtree, G.W. The Fermi surface of platinum 8-91601
- Dye, J.L.** Cation-electron interactions in metal solutions—from solvated electrons to alkali metal anions 8-73037
- Dye, J.L.**, Vogel, T.A., Burnham, W., Darken, L.S., Lasaga, C. Water and magmas: application of the Gibbs-Duhem equation [and reply] 8-57205
- Dye, J.L.**, Yemen, M.R., DaGue, M.G., Lehn, J.-M. Optical spectra of alkali metal anion and 'electride' films 8-52526
- Dyer, C.K.**, Alwitt, R.S. Ellipsometric measurements of the barrier layer in composite aluminum oxide films 8-67918
- Dyer, C.K.** *see* Alwitt, R.S. 8-68452
- Dyer, C.S.**, Trombka, J.I., Seltzer, S.M. Calculation of radioactivity induced in scintillator materials during spaceflight 8-85822
- Dyer, I.** *see* Mikhalevsky, P.N. 8-55496
- Dyer, P.** *see* Vandenbosch, R. 8-66316
- Dyer, P.D.** *see* Carman, T. 8-74921
- Dyer, P.E.**, Sayers, J.A., Salvetti, G. Plasma production experiments using a pulsed HF laser 8-55733
- Dyer, P.E.** *see* Andrews, K.J. 8-78991
- Dyer, P.E.** *see* Carman, T.W. 8-87036
- Dyer, P.E.** *see* Deka, B.K. 8-82995
- Dyer, T.G.J.** Persistence and monthly mean temperatures over central England 8-73497
- Dygdala, R.S.**, Stefanski, K. Temperature dependence of the shape of absorption bands of anthracene vapours 8-82743
- Dyke, J.**, Jonathan, N., Lee, E., Morris, A., Winter, M. Vacuum ultraviolet photoelectron spectroscopy of transient species. The t-butyl radical 8-50577
- Dyke, M.** *see* Van Dyke, M.
- Dyke, M.** *see* Van Dyke, M.
- Dyke, T.R.** *see* Odutola, J.A. 8-74791
- Dykes, L.S.** *see* Patterson, R.J. 8-57332
- Dykman, I.M.**, Rosenbaum, V.M., Vasko, F.T. Hot electrons in semiconductors with quasi-relativistic band structure 8-84222
- Dykman, I.M.**, Tomchuk, P.M. Electromagnetic waves in inhomogeneous semiconductors with non-equilibrium carriers 8-52024
- Dykman, M.I.** Theory of cyclotron resonance of two-dimensional electrons interacting with surface and volume phonons 8-80221
- Dykman, M.I.**, Tarasov, G.G. Nonlinear optical effects caused by light-induced resonant orientation of tunneling centres 8-79075
- Dykman, V.Z.**, Pantelev, N.A. On the relationship of the ocean's fine structure with internal waves and turbulence 8-85596
- Dykstra, C.E.** An ab initio study of the energies and structures of ketene, oxirene, and ethynol 8-62716
- Dykstra, C.E.**, Gaylord, A.S., Gwinn, W.D., Swope, W.C., Schaefer, H.F., III. The uncoupled symmetric stretching frequency of H₃⁺ 8-66532
- Dylla, H.F.** Turbomolecular pump vacuum system for the Princeton Large Torus 8-71521
- Dylla, H.F.**, King, J.G., Cardillo, M.J. The adsorption of CO on planar and oxygen-etched silicon surfaces 8-63934
- Dymanus, A.** *see* Bekooj, J.P. 8-90153
- Dymanus, A.** *see* Ellenbroek, A.W. 8-90152
- Dymanus, A.** *see* Reinartz, J.M.L.J. 8-62792
- Dymanus, A.** *see* Zuidberg, B.F.J. 8-70183
- Dyment, A.**, Gryson, P. Study of subsonic and supersonic turbulent flow separation by ultra-short duration visualisation 8-75128
- Dymkin, G.Ya.** The choice of prism material for ultrasonic inspection slanted probes 8-92428
- Dymnikov, V.D.** Circular polarization of the hot luminescence emitted from semiconductors with GaAs band structure 8-52572
- Dymnikov, V.P.** On the development of baroclinic instability in the atmosphere with variable parameter of static stability 8-65357
- Dymond, J.**, Hogan, L. Factors controlling the noble gas abundance patterns of deep-sea basalts 8-65220
- Dymshits, A.V.** *see* Vinokurov, V.A. 8-56830
- Dymshits, Yu.I.** Reflection of intense radiation from a thin metal film 8-56547
- Dymshits, Yu.I.** Emission of electrons from a streaming plasma. Determination of 'emission' electron temperature 8-91162
- Dymza, V.I.** *see* Krumin, A.E. 8-92046
- Dynefors, B.L.**, Martinson, I. Beam-foil studies of ionized sulfur 8-50495
- Dynes, R.C.** *see* Kummer, R.B. 8-51700
- Dynes, R.C.** *see* McWhan, D.B. 8-80091
- Dyott, R.B.** *see* Ross, D.A. 8-61057
- Dyrbye, C.** Timoshenko beams 8-83322
- Dyrda, V.I.** *see* Potvraev, V.N. 8-67145
- Dyshel', M.Sh.** *see* Dadamukhamedov, E.U. 8-77901
- Dyshlis, A.A.** *see* Morozova, N.K. 8-55161
- Dyson, A.** *see* Cheng, H.S. 8-64708
- Dyson, B.F.**, Rodgers, M.J. Intergranular creep fracture in Nimonic 80A under conditions of constant cavity density 8-60825
- Dyson, B.F.** *see* McLean, D. 8-56776
- Dyson, F.J.**, Lieb, E.H., Simon, B. Phase transitions in quantum spin systems with isotropic and nonisotropic interactions 8-84434
- Dyson, N.A.** *see* Ward, T.R. 8-80436
- Dyson, P.L.** *see* Bennett, J.A. 8-59571
- Dyson, T.E.** *see* Nolen, J.A., Jr. 8-55067
- Dysthe, K.B.**, Mjølhus, E., Trulsen, J. Nonlinear mixing as a plasma density probe 8-77406
- Dysthe, K.B.** *see* Stenflo, L. 8-88956
- Dytry, R.** *see* Surowiak, Z. 8-84712
- Dyubko, S.F.** *see* Moskienko, M.V. 8-70823, 8-82732, 8-82952
- Dyuzhev, G.A.** *see* Baksht, F.G. 8-67418, 8-67419, 8-79473, 8-79474
- Dyuzhnikov, I.N.** *see* Darevskii, A.S. 8-95392
- d'Yvoire, F.** *see* Pintard-Screpel, M. 8-67678
- Dzarasov, Yu.I.** Heat transfer and pressure loss in annular flow of steam-water mixtures with high vapor content 8-75193
- Dzegaganovskii, V.P.** *see* Karpinos, D.M. 8-60623
- Dzelme, Yu.P.** *see* Raikhvargher, A.E. 8-92095
- Dzelme, Yu.R.** *see* Raikhvargher, A.E. 8-80384
- Dzhabbarov, I.**, Ivanov, S.N., Medved', V.V., Parfen'eva, L.S., Smirnov, I.A. Phonon-impurity scattering in yttrium aluminum garnet crystals 8-87748
- Dzhafarov, I.G.** *see* Guliev, N.A. 8-58195, 8-62383, 8-62384
- Dzhafarov, T.D.**, Kolotov, M.N., Litvin, A.A. The influence of γ -irradiation on the degradation of red-emitting GaP LEDs 8-95610
- Dzhafarov, T.D.**, Litvin, A.A., Khudiyakov, S.V. Diffusion, solubility, and electrotransport of gold in gallium phosphide 8-91489
- Dzhafarov, T.D.** *see* Volkov, L.A. 8-87825
- Dzhafarova, E.A.** *see* Abdullaev, G.B. 8-95385
- Dzhafarova, E.A.** *see* Iskender-zade, Z.A. 8-60195
- Dzhagarov, B.M.**, Sagun, Ye.I., Bondarev, S.L., Gurinovich, G.P. Effect of the molecular structure on the processes of non-radiation deactivation of the lower excited states of the porphyrins 8-68987
- Dzhagupov, R.G.** *see* Aliev, T.M. 8-77857
- Dzhamarov, S.S.** *see* Bochkov, A.V. 8-60752
- Dzhambazova, L.** *see* Zlateva, G. 8-85029
- Dzhanbusinova, M.**, Ermilova, D.I., Filippova, V.V., Batyunya, P.V., Boguslavsky, I.V., Gramenitsky, I.M., Lednicky, R., Tikhonova, L.A., Topuriya, T., Valkarova, A., Vrba, V., Zacek, J., Zlatanov, Z., Ervanne, J., Hannula, E., Ljung, S., Villanen, H., Villanen, P., Dementiev, R.K., Grechko, V.E., Korzhavina, I.A., Leikin, E.M., Rud, V.I., Suk, M., Cvach, J., Herynek, J., Reimer, P., Simak, V. Charge transfer in PP reactions at 22.4 GeV/c 8-89762
- Dzhanderli, G.V.** *see* Begiashvili, G.A. 8-71017
- Dzhaugashin, K.E.**, Yarin, A.L. Computation of a laminar non-self-similar semibounded fluid jet 8-67241
- Dzhaugashin, K.E.**, Yarin, A.L. The combustion process in laminar homogeneous gas jets 8-94850
- Dzhavadov, B.M.** *see* Mavrin, B.N. 8-88313
- Dzheleпов, V.P.** *see* Amaglobeli, N.S. 8-54652
- Dzheilyadin, R.I.** *see* Golovkin, S.V. 8-78218, 8-89919
- Dzheparov, F.S.** *see* Bulgakov, M.I. 8-60347
- Dzhibuti, R.I.**, Krupennikova, N.B., Tomchinskii, V.Yu. Theory of photodisintegration of ¹²C nucleus into three particles in hyperspherical basis 8-78365
- Dzhidzhoev, M.S.**, Osipov, A.I., Panchenko, V.Ya., Platonenko, V.T., Khokhlov, R.V., Shaftan, K.V. Mechanisms of activation of heterogeneous reactions by laser radiation 8-53233
- Dzhiganshin, G.F.** *see* Bulgakov, N.P. 8-85590
- Dzhilaydari, I.Z.** *see* Boiko, B.B. 8-71142
- Dzhioev, R.I.**, Shiryapov, I.P. Glass helium cryostat for optical and magneto-optical investigations 8-74007
- Dzhioev, R.I.**, Shiryapov, I.P. A glass helium cryostat for optical and magneto-optical studies 8-81981
- Dzhioev, T.Z.**, Drozdov, V.N. Calculation of the density field in the region of the Kuroshio jet current 8-92843
- Dzhob, P.K.** *see* Nargundkar, V.R. 8-86575
- Dzhotyan, A.P.** The spectrum of electron-hole system in one-dimensional infinitely deep potential well 8-67944
- Dzhotyan, A.P.** *see* Arutyunyan, G.M. 8-72541
- Dzhotyan, G.P.**, D'yakov, Yu.E. Theory of a singly resonant optical parametric oscillator 8-71148
- Dzhrbashyan, V.A.** On the energy flux of transition radiation in a medium with nuclear dispersion 8-68576
- Dzhalukyan, V.M.** *see* Ayunts, Yu.Kh. 8-69449
- Dzhuraev, M.** *see* Azimov, S.A. 8-54655
- Dzhuraev, T.D.** *see* Alidzhanov, F.N. 8-80513
- Dzhuraev, T.D.** *see* Eshonov, K.K. 8-52761
- Dzhuraev, T.D.** *see* Zukhuridinov, M.A. 8-80514
- Dzhus, A.S.** *see* Agapov, P.P. 8-73980
- Dzhuvarly, Ch.M.** *see* Abdullaev, G.B. 8-87946
- Dzidic, I.** *see* Horning, E.C. 8-88680

- Dziewonski, A.M.** *see* Sailor, R.V. 8-61343
- Dzigrashvili, T.A.** *see* Beletskii, Yu.I. 8-76643
- Dzikolowski, A.**, Felsztynski, T. The computer in drilling 8-88929
- Dzioba, S.**, Kelly, R. Recoil implantation from a thin source. II. Extension to the problems of recoil sputtering and of moderately thick sources 8-95631
- Dziomba, B.** *see* Oster, D. 8-90848
- Dziubinski, M.** *see* Kemblowski, Z. 8-87322
- Dziunikowska, K.** *see* Moriyasu, K. 8-66165
- Dzkuya, M.I.** *see* Dimirkhanov, R.A. 8-86468
- Dzneladze, Zh.I.** *see* Korobova, T.A. 8-60603
- Dzubay, T.G.** Recent advances in energy-dispersive XRF analysis of aerosol samples 8-85269
- Dzubay, T.G.** *see* Stevens, R.K. 8-96283
- Dzubenko, N.I.** *see* Koutchmy, S. 8-89140
- Dzung, L.S.**, Gyarmathy, G. Critical mass flux density in two-phase flow 8-71384
- Dzurisin, D.** *see* Melosh, H.J. 8-85874
- Dzutsev, A.N.** *see* Korchagin, I.V. 8-68653
- Dzyaloshinskii, I.E.**, Volovik, G.E. On the concept of local invariance in the theory of spin glasses 8-60288
- Dzygadło, Z.**, Piotrowski, E. Analysis of lateral dynamic stability on an airplane with deformable control systems. II. Numerical analysis 8-51057
- Dzyublik, A.Ya.** Theory of Mossbauer effect on magnetic Brownian particles 8-68436
- Dzyublik, A.Ya.** Inelastic scattering of thermal neutrons by one-dimensional defecton 8-84169
- E-shen Wang *see* Wang E-shen
- Eachus, R.S.**, Graves, R.E., Olm, M.T. Electron spin resonance of mobile electrons in AgCl 8-80219
- Eades, J.A.** *see* Shannon, M.D. 8-83685
- Eadie, R.L.**, Weatherly, G.C., Aust, K.T. A study of sintering of spherical silver powder. I. The intermediate stage 8-52713
- Eadon, E.J.**, Billings, D.E. Area variation with temperature of supergranule network features in the solar transition zone 8-89152
- Eagleman, J.R.**, Lin, W.C. Severe thunderstorm internal structure from dual-Doppler radar measurements 8-61504
- Eagles, D.M.** Widths of 5d energy bands in the heavy rare-earth metals 8-63971
- Eagles, D.M.** An electrostatic interpretation of some empirical parameters of light quarks 8-74203
- Eagles, P.M.**, Stuart, J.T., Diprima, R.C. The effects of eccentricity on torque and load in Taylor-vortex flow 8-71339
- Eaker, C.W.** Hermitian formulation of diatomic-in-molecules theory 8-90063
- Eapen, K.**, Ghosh, D.K. Itinerant antiferromagnetism in the Hubbard model 8-91841
- Earag, M.M.** *see* El-Mahallawy, N.A. 8-88456
- Eardley, D.M.**, Lightman, A.P., Payne, D.G., Shapiro, S.L. Accretion disks around massive black holes: persistent emission spectra 8-93296
- Eardley, D.M.**, Lightman, A.P., Shakura, N.I., Shapiro, S.L., Sunyaev, R.A. A status report on Cygnus X-1 8-77618
- Earl, J.A.** *see* Ma Sung, L.S. 8-65468
- Earl, W.L.**, Vanni, H., Merbach, A.E. A high-pressure probe for high-resolution nuclear magnetic resonance 8-89517
- Earle, E.D.** *see* McDonald, A.B. 8-89871
- Earle, E.D.** *see* Snover, K.A. 8-70443
- Early, J.G.** Hydrogen diffusion in palladium by galvanostatic charging 8-84001
- Earnest, C.M.** *see* McCown, S.M. 8-92554
- Earnest, T.R., Jr.**, Macknight, W.J. Effect of hydrogen bonding and ionic aggregation on the melt rheology of an ethylene-methacrylic acid copolymer and its sodium salt 8-67159
- Earnshaw, J.C.** *see* Cochran, T. 8-71409
- Easa, Sh.I.** *see* Shukla, G.C. 8-82859
- Easby, J.P.** The effect of buoyancy on flow and heat transfer for a gas passing down a vertical pipe at low turbulent Reynolds numbers 8-74427
- Eason, G.**, Veitch, A.R., Nisbet, R.M., Turnbull, F.W. The theory of the back-scattering of light by blood 8-77099
- Eason, R.M.** *see* Bartke, J. 8-66169
- Eason, R.M.** *see* Schmitz, P. 8-62467
- East, C.**, Renaud, F. Plume rise at large distances from a multiple-source region 8-85683
- Eastepe, F.E.**, Hemmig, F.G. Estimation of fundamental frequency of non-circular plates with free, circular cutouts 8-59325
- Easter, R.B.** *see* Campen, G.L. 8-55037
- Easterling, K.E.** *see* Porter, D.A. 8-84897
- Eastgate, R.J.** *see* Siedband, M.P. 8-69207
- Eastham, D.A.**, Thorn, R. Ion exchange currents in vacuum accelerator tubes 8-55057
- Eastham, D.A.** *see* Armitage, S.A. 8-55073
- Eastlake, D.E.**, III *see* Dorin, R.H. 8-81411
- Eastman, D.E.**, Himpel, F.J., Knapp, J.A. Experimental band structure and temperature-dependent magnetic exchange splitting of nickel using angle-resolved photoemission 8-60546
- Eastman, D.E.**, Knapp, J.A., Himpel, F.J. Direct determination of lifetime and energy dispersion for the empty Δ_1 conduction band of copper 8-92175
- Eastman, D.E.** *see* Aeppli, G. 8-89601
- Eastman, D.E.** *see* Bancroft, G.M. 8-84699
- Eastman, D.E.** *see* Gudat, W. 8-95671
- Eastman, D.E.** *see* Himpel, F.J. 8-80034
- Eastman, D.E.** *see* Knapp, J.A. 8-91743
- Eastman, L.F.** *see* Wick, V.L. 8-72744
- Eastman, M.P.**, Bruno, G., Gutierrez, A.R., McGuyer, C.A., Polnaszek, C.F. EPR studies of ion pairing in nematic butyl p-(p-ethoxyphenoxy carbonyl)-phenyl carbonate 8-73020
- Eastmond, T.S.**, Abell, G.O. New velocities in the Virgo region 8-86028
- Easton, A.J.**, Elliott, C.J. Analyses of some meteorites from the British Museum (Natural History) collection 8-65569
- Easton, N.W.** *see* Pincock, D.G. 8-50980
- Eastwood, D.** *see* Corden, M.J. 8-62470
- Eatoock, B.C.** *see* Kisman, K.E. 8-61236
- Eaton, D.** ISEE B-A minimum model project 8-61702
- Eaton, D.R.** *see* Katz, W. 8-95241
- Eaton, E.E.**, Ehart, E.P., Ebaugh, L.R., Fox, A.G., Dickinson, J.M. Fabrication of an epoxy-insulated Marshall coil 8-66388
- Eaton, G.R.** *see* Eaton, S.S. 8-70169
- Eaton, H.C.**, Bayuzick, R.J. Observation of grain-boundary migration using field ion microscopy 8-79617
- Eaton, H.E.**, Anton, D.R., Stuart, J.D. Qualitative analysis by photoacoustic spectroscopy of amorphous uranium tetrafluoride deposits 8-53303
- Eaton, H.E.**, Stuart, J.D. Microcomputer assisted, single beam, photoacoustic spectrometer system for the study of solids 8-58044
- Eaton, J.A.** A study of the light curves of the early-type close binary systems IU Aurigae and V Puppis 8-89222
- Eaton, N.F.**, Glover, A.G., McGrath, J.T. Aspects of fracture in the production and service of welded structures 8-60777
- Eaton, S.S.**, Eaton, G.R. Inexpensive moving magnet-stationary sample susceptibility balance 8-70169
- Eaves, L.** *see* Instone, T. 8-52030, 8-95601
- Ebara, R.**, Kai, T., Inoue, K., Masumoto, I. Fractographic analysis of corrosion fatigue cracking of 13 Cr stainless steel in NaCl aqueous solution 8-53023
- Ebata, M.**, Sone, T., Nimura, T. Effects of lead-tone on frequency discrimination 8-85324
- Ebaugh, L.R.** *see* Eaton, E.E. 8-66388
- Ebbets, D.** A Fourier analysis technique for measuring photospheric expansion in early-type stars 8-93224
- Ebbsjo, L.**, Kinell, T., Waller, I. Calculation of the dynamical structure factor for liquid aluminium 8-71667
- Ebcioğlu, I.K.** *see* Sierakowski, R.L. 8-71280
- Ebeid, E.-Z.M.**, Morsi, S.E., El-Bayoumi, M.A., Williams, J.O. Luminescence of 9-cyanoanthracene: Identification of new excimeric species 8-84637
- Ebel, A.** Estimate of macroturbulent scales in the atmosphere around 100 km altitude 8-61635
- Ebel, A.**, Ghazi, A., Batz, W. Evidence of global-scale waves with zonal wave number zero in the stratosphere 8-61515
- Ebeling, K.J.** The behavior of spherical, laser-produced cavitation bubbles in water 8-87371
- Ebeling, K.J.**, Lauterborn, W. Acoustooptic beam deflection for spatial frequency multiplexing in high speed holocinematography 8-74860
- Ebeling, W.**, Kraeft, W.D., Kremp, D. Nonideal plasmas 8-75273
- Ebeling, W.**, Meister, C.V., Sandig, R. Pseudopotentials in the theory of nonideal plasmas 8-75260
- Ebeling, W.** *see* Feistel, R. 8-95922
- Eberhard, P.H.** Bell's theorem and the different concepts of locality 8-93550
- Eberhardt, G.**, Mettig, P., von Gontard-Meyer, K. Endoscopic manometry in gastroenterology 8-92730
- Eberhardt, P.** *see* Shelley, E.G. 8-85810
- Eberhardt, W.**, Kalkoff, G., Kunz, C. Grazing incidence monochromator FLIPPER 8-62237
- Eberhardt, W.**, Kalkoff, G., Kunz, C. Measurement of the Auger decay after resonance excitation of Xe 4d and Kr 3d resonance lines 8-70804
- Eberhardt, W.**, Kalkoff, G., Kunz, C., Aspnes, D., Cardona, M. Photoemission studies of 2p core levels of pure and heavily doped silicon 8-76583
- Eberhardt, W.**, Kunz, C. Oxidation of Al single crystal surfaces by exposure to O₂ and H₂O 8-80683
- Eberhardt, W.D.** *see* Sung, C.C. 8-58884, 8-63009
- Eberhardt, W.H.**, Sullivan, W. The magnetic rotation spectrum of iodine monobromide 8-70861
- Eberle Spencer, D.** *see* Moon, P. 8-83060
- Eberly, J.H.** *see* de Meijere, J.L.F. 8-66525
- Eberly, J.H.** *see* Kornblith, R. 8-50500
- Eberly, J.H.** *see* Milonni, P.W. 8-50458
- Ebersold, P.** *see* Eichler, R. 8-66695
- Ebersole, E.R.** *see* Lambert, J.D.B. 8-70588
- Eberstein, A.**, Goodgold, J. Computer analysis in clinical electromyography 8-80985
- Ebert, D.**, Reinhardt, H. Functional approach to nuclear field theory: a schematic model with pairing and particle-hole forces 8-50095
- Ebert, F.** Description of the motion of collectives of particles by the diffusion model 8-59446
- Ebert, J.** The digital dynamic method for precise measurements of static characteristics 8-54389
- Ebert, K.**, Meyer-ter-Vehn, J. Radiative pion and muon capture on ²⁰⁸Pb 8-74409
- Ebert, K.**, Ring, P., Wild, W., Klement, V., Speth, J. The influence of the nuclear polarisation on the properties of odd-odd nuclei in the lead region 8-54686
- Ebert, L.J.** *see* Kim, H.C. 8-68773
- Ebert, M.**, Kavan, L. Study of the EPR and Mossbauer spectra of iron phosphites 8-76369
- Ebert, R.** *see* Appold, G. 8-52494
- Ebert, W.** The energy balance of noble gas ion laser discharges 8-74884
- Ebihara, K.** Numerical study of some operating characteristics for argon induction plasmas 8-67309
- Ebina, A.**, Takahashi, T. Zn 3d core-level transition in electron-energy-loss spectroscopy of ZnO: comparison with a Zn 3d loss of clean and oxidized ZnSe (111) surfaces 8-68584
- Ebina, A.** *see* Asami, S. 8-56578
- Ebina, Y.** *see* Kohno, T. 8-59739
- Ebisawa, S.**, Ihara, H., Shinoki, F. Solar-selective surface utilizing zirconium carbide film 8-90465
- Ebisu, H.** *see* Nishikawa, H. 8-59811
- Ebisuzaki, Y.** Growth of carbon tetrabromide crystals for optical studies 8-64451
- Ebisuzaki, Y.** Phase transition in solid carbon tetrachloride 8-80345
- Ebner, C.** *see* Saam, W.F. 8-63655
- Ebner, M.A.** *see* Nolen, R.L., Jr. 8-50301
- Ebraheem, K.A.K.**, Webb, G.A. Some screening constant calculations for carbon, nitrogen, and oxygen nuclei 8-86787
- Ebrahim, A.** Quark masses and flavour-mixing angles in a six-quark model of quantum flavourdynamics 8-74211
- Ebrahim, A.** Lepton masses and mixing angle in a seven-lepton model of quantum flavour dynamics 8-89652
- Eby, R.E.** *see* Christie, W.H. 8-57957, 8-76942
- Ecabert, M.**, Jaccard, C. F-center pairs in KCl-effects of light excitation, static magnetic field and magnetic resonances on F and F⁻ absorption bands 8-92094
- Ecabert, M.** *see* Jaccard, C. 8-68414
- Eccleshall, D.**, Temperley, J.K. Transfer of energy from charged transmission lines with applications to pulsed high-current accelerators 8-78519
- Eccleston, W.** *see* Baglee, D. 8-56250
- Echallier, J.F.** *see* Prablanc, C. 8-61175
- Echenique, P.M.**, Pendry, J.B. The existence and detection of Rydberg states at surfaces 8-56198
- Echigo, R.**, Hasegawa, S., Tottori, S., Shimomura, H., Okamoto, Y. An analysis on the radiative and free convective heat transfer in a horizontal annulus with permeable insulator 8-94575
- Echigo, R.** *see* Kamiuto, K. 8-94571
- Echlin, P.** Low temperature scanning electron microscopy: a review 8-54510
- Echlin, P.**, Skaer, H.L.E., Gardiner, B.O.C., Franks, F., Asquith, M.H. Polymeric cryoprotectants in the preservation of biological ultrastructure. II. Physiological effects 8-65158
- Echlin, P.** *see* Franks, F. 8-65157
- Echlin, P.** *see* Skaer, H.L.E. 8-65159
- Echols, D.J.** *see* de V. Klein, G. 8-65256
- Echt, O.**, Graf, H., Holzschuh, E., Recknagel, E., Weidinger, A., Wichert, Th. μ SR study of proton-irradiated aluminum and copper at low temperatures 8-92011
- Echt, O.** *see* Rinneberg, H. 8-95535

- Eck, H.J. Ritsema van *see* Ritsema van Eck, H.J.
- Eck, P.I. Van *see* Van Eck, P.I.
- Eckardt, J.C. Energy loss and straggling of protons and helium ions traversing some thin solid foils 8-95100
- Eckardt, R.C. *see* Lau, S.S. 8-79899
- Eckardt, R.C. *see* Reintjes, J. 8-83033
- Eckardt, V. *see* Corden, M.J. 8-62470
- Eckart, D.W. *see* Tauber, A. 8-64469
- Eckart, L.E., Capano, L. A method for comparing the relative environmental impact of effluents from nuclear and fossil power plants 8-96290
- Eckart Exner, H. Programmable semiautomatic instruments for quantitative structure analysis and other geometric evaluations in the materials laboratory 8-64798
- Eckbreth, A.C. BOXCARS: Crossed-beam phase-matched CARS generation in gases 8-50850
- Eckbreth, A.C. Averaging considerations for pulsed, laser Raman signals from turbulent combustion media 8-70839
- Eckbreth, A.C., Bonczyk, P.A., Verdieck, J.F. Laser Raman and fluorescence techniques for practical combustion diagnostics 8-88635
- Ekke, W., Lebedev, A.A., Mamadalimov, A.T. Deep defect states in evaporated heteroepitaxial silicon films 8-72292
- Ekke, W. *see* Manzel, M. 8-88025
- Eckelman, W.C. *see* Bradley, W.F. 8-65081
- Eckelmann, H. *see* Blackwelder, R.P. 8-90855
- Eckelmeyer, K.H. *see* Randich, E. 8-65572
- Eckels, P.W. *see* Janocko, M.A. 8-62639
- Eckels, P.W. *see* Litz, D.C. 8-54927
- Eckern, U., Schon, G. Relaxation processes in superconductors 8-91807
- Eckert, E.R.G. *see* Abdel-Wahed, R.M. 8-61619, 8-70120
- Eckert, J. *see* Lynn, J.W. 8-68125
- Eckert, J.A., Bundy, D.H., Peacock, J.L. Development of a two frequency downward looking airborne lidar system 8-69523
- Eckert, P., Leliveldt, W., Hüller, C. Improvements in the computer-aided determination of measurement angle of ultrasonic Doppler signals in blood flow measurement] 8-80931
- Eckertova, L. Electrical properties of M-I-M thin film structures 8-76159
- Eckertova, L., Emmer, I., Tomkova, E. Secondary emission of GaP films with negative affinity 8-52604
- Eckhardt, C.J. *see* Muller, H. 8-70990
- Eckhardt, D., Wasserbach, W. The influence of dislocations on the low-temperature lattice thermal conductivity of crystals 8-75769
- Eckhardt, G. Current densities in anchored cathode spots of a DC mercury vacuum arc 8-75467
- Eckhardt, W. Anisotropy and temporal coherence of blackbody radiation 8-58904
- Eckhardt, W.O., Hofmann, G.A., Bernhardt, E.T., Kunze, R.-C., Dorst, D. LMPV circuit breakers: operation of a 15-kA unit with Wendelstein VII A, and laboratory tests of the next breaker generation 8-74488
- Eckle, E. *see* Stezowski, J.J. 8-80838
- Eckmann, J.P. *see* Collet, P. 8-81921
- Eckmann, J.-P. *see* Emch, G.G. 8-54297
- Ecknig, W. *see* Grasselt, H. 8-88668
- Eckstein, S.G., Eckstein, Y., Olsen, J.L. Optically observed second sound resonance 8-71894
- Eckstein, W., Verbeek, H. Reflection of H, D, and He from C, Ti, Ni, Mo, W, and Au 8-95640
- Eckstein, Y. *see* Eckstein, S.G. 8-71894
- Eckstrom, D.J., Barker, J.R., Reilly, J.P. Intracavity dye laser absorption measurements of candidate chemical laser reactions 8-63108
- Economou, E.N., Mihás, P. Magnetic couplings in the Hubbard model 8-52192
- Economou, E.N. *see* Papaconstantopoulos, D.A. 8-95393
- Economou, N.P., Lipson, S.J., Larson, D.J. Measurement of a diamagnetic shift in atomic hyperfine structure 8-90129
- Economou, N.P. *see* Liao, P.F. 8-71154
- Economou, T.E. *see* Dabrowski, A.J. 8-78049
- Economov, N.P. *see* Bloom, D.M. 8-55413
- Eda, H., Kishi, K. Ground surface layer in α -Fe-Fe₃C alloys 8-84840
- Eda, K. Conduction mechanism of non-Ohmic zinc oxide ceramics 8-68034
- Edahe, T. *see* Sudo, S. 8-83125
- Edalati, M.T., Budding, E. Fourier analysis of the light curves of eclipsing variables. XVII. The photometric perturbations 8-96507
- Eddine, M.N. *see* Nasr Eddine, M.
- Eddington, R.I., Kenning, D.B.R. The prediction of flow boiling bubble populations from gas bubble nucleation experiments 8-90696
- Eddington, R.I., Kenning, D.B.R., Korneichev, A.I. Comparison of gas and vapour bubble nucleation on a brass surface in water 8-71845
- Eddolls, D.V. *see* Carpenter, R. 8-79035
- Edelen, D.G.B. A metric free electrodynamics with electric and magnetic charges 8-69994
- Edeline, J.C. *see* Arnal, T. 8-66362
- Edelman, B. *see* Bunce, G. 8-93878
- Edelman, B. *see* Edwards, R.T. 8-82393
- Edelman, B. *see* Heller, K. 8-82253
- Edelman, L.S., Baurin, V.D. Influence of Cr³⁺ ions on the magnetooptical properties of cobalt ferrite 8-52590
- Edelman, V.S. Properties of electrons in bismuth 8-84137
- Edelmann, L. A simple freeze-drying technique for preparing biological tissue without chemical fixation for electron microscopy 8-65164
- Edelson, M. *see* Bree, A. 8-51663, 8-58064, 8-63983, 8-64393, 8-64402
- Edelson, R.E. *see* Murray, B. 8-61759
- Edelstein, A.S., Stassis, C., Kline, G., Beaudry, B., Maglic, R. Neutron diffraction measurements of the spatial extent of the Ce moment in the Kondo system Y:Ce 8-68159
- Edelstein, A.S. *see* Majewski, R.E. 8-68149
- Edelstein, R. *see* Russ, J. 8-78202
- Edelstein, R.E. *see* Roberts, T.J. 8-82392
- Edelstein, S.A., Gallagher, T.F., Nakano, H.H., Lorents, D.C. Organic vapor excitation by electron beam pumping of rare gas-organic vapor mixtures 8-63097
- Edelstein, S.A. *see* Gallagher, T.F. 8-58780
- Edelstein, W.A., Hough, J., Pugh, J.R., Martin, W. Limits to the measurement of displacement in an interferometric gravitational radiation detector 8-86215
- Eden, J.G. The ZnHg excimer: optical and kinetic properties 8-58991
- Eden, J.G. XeF(B \rightarrow X) laser optically excited by incoherent Xe^{*} (172-nm) radiation 8-87044
- Eden, J.G. VUV-pumped HgCl laser 8-94390
- Eden, J.G., Searles, S.K. Radiative lifetime of XeF⁺ (C₂) 8-63087
- Eden, J.G., Waynant, R.W. Collisional deactivation studies of the XeF⁺ (B) state by He, Xe, NF₃, and F₂ 8-58730
- Eden, J.G., Waynant, R.W., Searles, S.K., Burnham, R. New quenching rates applicable to the KrF laser 8-63066
- Eden, J.G. *see* Champagne, L.F. 8-63079
- Eden, J.G. *see* Golden, J. 8-78998
- Eden, M. Visual image processing in animals and man 8-61190
- Eden, M., Simon, W.A. Direct measurement of red blood cell profiles 8-81094
- Eden, M. *see* Levinstone, D. 8-70727
- Eder, O.J., Kunsch, B., Suda, M. On the Fourier transformation of the liquid structure factor 8-79514
- Eder, O.J. *see* Blaschko, O. 8-75726
- Edery, D. *see* Bussac, M.N. 8-59589
- Edgar, A. Second-order corrections to the spin-Hamiltonian formalism for exchange-coupled pairs of paramagnetic ions 8-68133
- Edgar, A., Haider, Y. Electron paramagnetic resonance spectra of Fe²⁺ and Fe³⁺ ions in SrO: Evidence for off-centre displacement of Fe²⁺ ions 8-72398
- Edgar, A. *see* Smith, G. 8-52537
- Edgar, B.C. *see* Koons, H.C. 8-96360
- Edge, R.D. *see* Malbrough, D.J. 8-70570
- Edge, R.D. *see* Freedman, B.M. 8-70571
- Edgington, D.N., Robbins, J.A. Radionuclide geochronology and pollution history recorded in lake sediments 8-61451
- Edgington, J. *see* Bugg, D.V. 8-70396
- Edgington, J.A. *see* Amsler, C. 8-70397
- Edgington, J.A. *see* Onel, Y. 8-82339
- Edgington, J.A. *see* Waters, G. 8-82599
- Edgington, J.E. Triple scattering parameters 8-62420
- Edgley, P.D. *see* Franklin, R.N. 8-94910
- Edie, J.W., Karlsson, U.L. Contrast and quantitation in uniform regions of thin sections using transmission electron microscopy 8-58097
- Ediger, R.D. A programmable multielement atomic absorption system 8-80803
- Edington, J.W., Wright, I.G. Study of particle erosion damage in Haynes Stellite 6B. I. Scanning electron microscopy of eroded surfaces 8-88545
- Edington, J.W., Wright, I.G. Study of particle erosion damage in Haynes Stellite 6B. II. Transmission electron microscopy 8-88546
- Edington, J.W. *see* Henshall, J.L. 8-72880
- Edington, J.W. *see* Scott, M.G. 8-56668
- Edlen, B. The transitions 3s-3p and 3p-3d, and the ionization energy in the Na I iso-electronic sequence 8-70773
- Edlen, B., Smitt, R. The forbidden transitions within 3s²3p³3d of Fe IX and Ni XI and 3s²3p⁴3d of Fe X and Ni XII 8-77537
- Edlen, B. *see* Ekberg, J.O. 8-82677
- Edmond, J.T. *see* El-Fouly, M.H. 8-84225
- Edmonds, D.T., Mailer, J.P.G. Deuterium NQR in samples dilute in deuterium 8-68412
- Edmonds, D.V., Honeycombe, R.W.K. Photoemission electron microscopy of growth of grain boundary ferrite allotriomorphs in chromium steel 8-88468
- Edmonds, D.V. *see* Benson, J.P. 8-56757, 8-60788, 8-92343
- Edmonds, F.N., Jr. A feasibility study of calibrating stellar photographic equivalent widths against solar photoelectric equivalent widths 8-73658
- Edmonds, J.D., Jr. Thermodynamic work on a harmonic oscillator 8-49598
- Edmonds, J.D., Jr. Maxwell's eight equations as one quaternion equation 8-54133
- Edmonds, J.D., Jr. Yet another formulation of the Dirac equation 8-74185
- Edmonds, J.D., Jr. Parton confinement: A different perspective 8-86437
- Edmonds, J.D., Jr. A nonphysical variation on Lorentz invariance in QED 8-93828
- Edmonson, D.A., Lee, J.S., Doering, J.P. Inelastic scattering of positive ions and electrons from water: the 4-6 eV energy loss region 8-90277
- Edmunds, M.G. *see* Pagel, B.E.J. 8-93381
- Edmunds, T.M., Willis, J.R. Matched asymptotic expansions in nonlinear fracture mechanics. III. In-plane loading of an elastic perfectly-plastic symmetric specimen 8-51127
- Edneral, A.F., Zaitseva, R.D., Perkas, M.D., Rodionov, Yu.L. Influence of cobalt on the ageing of martensite in iron-nickel vanadium alloys 8-68703
- Edney, E.O. *see* Spence, J.W. 8-76880
- Edrich, J. Cooling of Josephson mm- and submm-wave systems: requirements, results and applications 8-93709
- Edwall, D.D. *see* Sahai, R. 8-76612
- Edwall, G. Measuring system for high-precision voltage measurements from high-impedance sources 8-54402
- Edward, G.H., Stachurski, Z.H. History independent recovery behaviour of some polymers 8-80607
- Edward, G.H. *see* Ashby, M.F. 8-84895
- Edwardes, R.J., Kabaila, A.P. Buckling of simply-supported skew plates 8-59319
- Edwardes, A.A. *see* Whilloco, M.J. 8-53510
- Edwardes, A.K., Graves, J.E., Wood, R.M., Steuer, M.F. Dissociation of CH₄ by 1 MeV H⁺, He⁺ and O⁺ projectiles 8-94302
- Edwardes, B.C., Gage, G., Eyre, B.L. An isothermal embrittlement study of a commercial 4% Ni 1% Cr steel 8-60814
- Edwardes, B.C., Nasim, M., Wilson, E.A. The nature of intergranular embrittlement in quenched Fe-Mn alloys 8-76745
- Edwardes, C. *see* Englert, D. 8-77046
- Edwardes, D., Jr. Uncarburized thoriated tungsten filament activation 8-52608
- Edwardes, D., Jr. The nitrogen pressure in a vacuum system [by mass spectrometry] 8-70133
- Edwardes, D., Jr. Rate at which molecules strike a surface or orifice in a vacuum system 8-76570
- Edwardes, D., Jr. Desorption of neutral molecules from Al(6061) by electron and ion bombardment 8-95229
- Edwardes, D., Jr., Limon, P. Pressure measurements in a cryogenic environment 8-77925
- Edwardes, D., Jr., Peria, W.T. Thermal stability of the work function of NEA type surfaces 8-92167
- Edwardes, D.H., Hooper, G., Morgan, J.M., Thomas, G.O. The quasi-steady regime in critically initiated detonation waves 8-90930
- Edwardes, D.J. Noise control in vehicle cabs 8-55511
- Edwardes, D.K. *see* Reilly, J.T. 8-78447
- Edwardes, D.M., Fung, W.-Y.P. Spin waves in disordered itinerant-electron ferromagnets 8-95427
- Edwardes, D.M., Rahman, M.A. The transverse dynamical susceptibility of ferromagnets and antiferromagnets within the local exchange approximation 8-76229
- Edwardes, D.N. *see* Jayet, B. 8-74271
- Edwardes, D.O., Fatoours, P.P. Theory of atomic scattering at the free surface of liquid ³He 8-56003
- Edwardes, D.R. *see* Schade, G.W. 8-87709
- Edwardes, F.J., Khan, M.M.H., Davidson, R.O. Some interference effects in flows through rows of surface protrusions 8-94732
- Edwardes, H.G.M., Long, D.A., Mansour, H.R. Pure rotation Raman spectrum of ³⁷Cl₂ 8-94252
- Edwardes, H.G.M., Long, D.A., Mansour, H.R. Pure rotational and vibration-rotational Raman spectra of tritium, ³H₂ 8-94253
- Edwardes, H.G.M. *see* Brassington, N.J. 8-94254
- Edwardes, I.C. Fluorinated copolymers—properties and applications in relation to PTFE 8-84760
- Edwardes, J. *see* Grut, W. 8-65160
- Edwardes, J.A. *see* James, P.K. 8-88894
- Edwards, J.G. Recoil force correction factors for Langmuir torsion effusion measurements 8-75929
- Edwards, K. *see* Soderblom, L.A. 8-65527

- Edwards, P.P., Sienko, M.J. Universality aspects of the metal-nonmetal transition in condensed media 8-56075
- Edwards, P.P. *see* Catterall, R. 8-91927
- Edwards, R.G., Hauser, W.P., Moiseev, N.A., Broderson, A.B., Green, W.W. Effectiveness of earplugs as worn in the workplace 8-87199
- Edwards, R.M. The perception of trombones 8-90611
- Edwards, R.T., Devlin, T., Edelman, B., Schachinger, L., Bunce, G., Handler, R., Martin, P., Pondrom, L., Sheaff, M., Cox, P.T., Heller, K., Overseff, O., Skubic, P., Grobel, R., Nauenberg, U., Wild, K. Forward inclusive production spectrum of K_s^0 , A^0 , A^0 , and n in the collision of 200-GeV/c π^- , K^- , p , and p on Be 8-82393
- Edwards, R.T. *see* Bunce, G. 8-93878
- Edwards, R.T. *see* Heller, K. 8-82253
- Edwards, S.F. *see* Doi, M. 8-67637, 8-75114
- Edwards, S.F. *see* Warner, M. 8-78846
- Edwards, T.J. A probabilistic vector model for identification of intervocalic stop consonants 8-69114
- Edwards, V.R.W. *see* Robinson, T.B. 8-66288
- Edwards, V.W., Wilson, M.N. The effect of adhesion between turns on the training of superconducting magnets 8-89507
- Edwards, W.D., Weinstein, H. On the basis set dependence of reported limitations in predictions from electrostatic potentials 8-74786
- Edwin, R.P., Duderml, M.T., Lamare, M. Refractive index measurements of a germanium sample 8-54443
- Eeg, J.O., Pilkuhn, H. Magnetic moments of Σ^- from dispersion relations in t 8-82257
- Eeg, J.O., Ravndal, F. Pole contributions to $K^+ \rightarrow \pi^+ + e^+ + e^-$ 8-70360
- Eerden, J.P. van der *see* van der Eerden, J.P.
- EerNisse, E.P. *see* Krefft, G.B. 8-67748
- EerNisse, E.P. *see* Seshan, K. 8-75679
- Eesley, G.L. *see* Tolles, W.M. 8-82055
- Efanov, V.A., Korsenkaya, E.S., Korsenskii, V.A. The digital electronic integrator 8-57465
- Efanov, V.A., Moiseev, I.G., Nesterov, N.S. Flux densities of extragalactic objects with short wavelength radioemission excess and their variability at wavelength 1.35 cm 8-57666
- Efanov, V.A. *see* Domnin, S.L. 8-65506, 8-65507
- Efanov, V.A. *see* Matveenko, L.I. 8-69693
- Efendiev, A.Z. *see* Balabekov, A.I. 8-95548
- Efendiev, A.Z. *see* Omarov, O.A. 8-59693
- Efendiev, K.I. *see* Davydov, B.B. 8-60584
- Efendiev, Sh.M., Grandolfo, M., Ranghiasi, C., Vecchia, P. Laser-modulated reflectance of SbSI near T_c 8-72552
- Effantin, C. *see* Amiot, C. 8-94244
- Eferti, S. *see* Jensch, P. 8-88752
- Efimov, V.F. *see* Basov, N.G. 8-90458
- Efimov, A.B., Zharkov, V.N., Trubitsyn, V.P., Bobrov, A.M. Figure parameters and gravitational moments of Jupiter and Saturn 8-65547
- Efimov, I.A., Lopatin, Yu.V., Mamaev, L.I., Stabrovskii, S.A., Filonov, V.S. Some yield characteristics of short-lived fission products in a sodium heat-transfer agent 8-66338
- Efimov, V.B., Mezhev-Deglin, L.P. Singularities in temperature and time dependences of charge motion in solid helium 8-56019
- Efimov, V.B., Mezhev-Deglin, L.P. On peculiarities of charge motion in solid helium 8-95202
- Efimov, V.M., Kolosanov, V.A., Sinitsa, S.P. Electron and hole conduction in silicon nitride at moderate electric fields 8-95376
- Efimov, V.V., Kulikov, E.A. Adaptive wave-number-frequency spectrum analysis of the trapped waves 8-81189
- Efimov, Yu.S. *see* Doroshenko, V.T. 8-61860
- Efimov, Yu.S. *see* Shakhovskoi, N.M. 8-57640
- Efimov, Yu.S. *see* Vojkhanskaya, N.F. 8-93322
- Efimov, Yu.V. *see* Savitskii, E.M. 8-56617, 8-56618, 8-64162
- Efimova, B.A. *see* Dudkin, L.D. 8-52019
- Efimova, M.N. *see* Pigrova, G.D. 8-75627
- Efimova, V.N., Maksimov, R.D. Comparative analysis of the temperature-time dependence of deformational properties of polyvinylchloride in linear and nonlinear regions of viscoelasticity. I 8-64600
- Efimovskii, S.V., Zubarev, I.G., Kotov, A.V. Tunable Raman laser based on the third Stokes component of liquid nitrogen 8-50859
- Efremenko, I.P., Vitsenko, V.I., Mikhailov, N.G., Ryazanov, A.A. An instrument for observing defects in dielectric tubes 8-92431
- Efremenko, R.A. *see* Storozhenko, V.A. 8-72996
- Efremov, A.V. Polarization in processes with large transverse momentum and in cumulative production of hadrons 8-74293
- Efremov, A.V. Lectures on high p_\perp processes 8-82163
- Efremov, V.A. *see* Sirotnikin, S.N. 8-67695
- Efremov, V.A. *see* Sirotnikin, S.P. 8-79598
- Efremov, Yu.N. Star complexes 8-69851
- Efrima, S., Metiu, H. The diffusion equation for an atom on a solid surface 8-79890
- Efrony, S. *see* Harten, A. 8-49652
- Efros, A.L. *see* Baranovskii, S.D. 8-84168
- Efros, A.L., Jr. *see* Dolgopolskii, V.P. 8-79938
- Efros, V.D., Zakharchenko, I.E. Energy-weighted longitudinal sum rule for electron-nucleus scattering and nuclear forces 8-58238
- Eftis, J. *see* Jones, D.L. 8-92316
- Eftis, J. *see* Liebowitz, H. 8-55594, 8-60776
- Egami, N. *see* Onishi, K. 8-84920
- Egami, T. Structural relaxation in amorphous alloys—compositional short range ordering 8-79538
- Egami, T., Dahlgren, S.D. Low-field magnetic properties of sputter deposited amorphous $Fe_{80}B_{20}$ 8-68335
- Egami, T. *see* Flanders, P.J. 8-64251
- Egami, T. *see* Hatta, S. 8-95476
- Egami, T. *see* Onn, D.G. 8-68274
- Egan, J.J. *see* Delcet, J. 8-72159, 8-75848
- Egan, P.O. *see* Reist, H.-W. 8-70672
- Egan, P.O. *see* Yam, M.H. 8-95616
- Egan, W.G., Hilgeman, T. Ultraviolet spectra of organic molecules and the interstellar medium 8-61913
- Egan, W.G., Hilgeman, T., Smith, L.L. Comparison between infrared Martian disc spectra and optical properties of terrestrial analogs 8-85879
- Egashira, K. *see* Kinoshita, K. 8-55478
- Egashira, S. *see* Morita, Y. 8-91107
- Egashira, T. *see* Fujishashi, C. 8-87158
- Egawa, H., Nonaka, T. Polymerization and copolymerization of 2,3-epithiopropyl methacrylate 8-56892
- Egawa, K. *see* Tamura, N. 8-54641
- Egbert, W.C. Optical determination of the thermodynamic phase diagram of a metamagnet 8-60285
- Egbert, W.C., Yen, W.M., Farge, Y., Jamet, J.-P. Tricritical behaviour in randomly disordered $Fe_{1-x}Cl_x$ 8-68255
- Egdell, R.G., Orchard, A.F. He(II) photoelectron spectra of indium(I) and thallium(I) halides 8-94285
- Egee, M. Effect of a direct electric field on the photoluminescence processes and model of the luminogen centre in $ZnS:Cu$ 8-76522
- Egee, M. *see* de Murcia, M. 8-80395
- Egelhof, F. *see* Dreves, W. 8-89904
- Egelhoff, W.F., Jr. *see* Tibbetts, G.G. 8-72691
- Egelstaff, P.A., Litchinsky, D., McPherson, R., Hahn, L. Correlations in nitrogen gas at room temperature 8-82810
- Eger, D. *see* Margoninski, Y. 8-64434
- Egerev, S.V., Naugol'nykh, K.A. Acoustooptical effects in a liquid containing gas bubbles 8-50994
- Egert, B., Kirstein, W., Kessler, J., Thieme, F. Structure and purity of epitaxially grown nickel films on NaCl 8-72047
- Egert, B. *see* Benndorf, C. 8-64782
- Egert, S. *see* Klapisch, M. 8-79470
- Egerton, R.F. Microanalysis of light elements by electron energy loss spectrometry 8-80441
- Eggarter, E., Eggarter, T.P. Atomic correlation energies. II. Converged $E^{(2)}$ values for Ne and Ne^+ 8-66479
- Eggarter, E., Eggarter, T.P. Atomic correlation energies. III. Second-order corrections to the Hartree-Fock ground state of B, C, N, O and F 8-86784
- Eggarter, T.P., Riedinger, R. Singular behavior of tight-binding chains with off-diagonal disorder 8-88247
- Eggarter, T.P. *see* Eggarter, E. 8-66479, 8-86784
- Eggelston, J. *see* Pummer, H. 8-58717
- Engen, O.J. Intermediate-band photometry of late-type stars. VI. Main-sequence stars near the Sun 8-53934
- Engen, O.J. Intermediate-band photometry of late-type stars. VII. The HR 1614 group of overabundant stars 8-53935
- Engen, O.J. Contact binaries. III. Early-type systems 8-53981
- Engen, O.J. Intermediate-band photometry of late-type stars. IV. The catalog 8-81558
- Engen, O.J. Canis Major Ob1, Canis Major R1, NGC 2353, and W Canis Majoris 8-85985
- Engenhuisen, H.H., Ekstrom, L.P., Engelbertink, G.A.P., Aarts, H.J.M. High-spin states of ^{39}K and ^{42}Ca 8-89787
- Engenhuisen, H.H., Ekstrom, L.P., Engelbertink, G.A.P., Aarts, H.J.M., Langeveld, W.G.J. Spin-parity assignments to high-spin states of ^{41}K and ^{41}Ca 8-58250
- Egger, F., Mark, T.D. Cross section ratios for the electron impact production of singly and multiply ionized rare gas ions 8-94326
- Egger, J. On the theory of planetary standing waves: July 8-61487
- Egger, J.-P. *see* Lunke, C. 8-94035
- Egger, J.-P. *see* Perrin, C. 8-89792
- Eggermont, G.E.J., Hermans, L.J.F., Beenakker, J.J.M., Vestner, H. The boundary layer behavior of angular momentum polarizations in polyatomic gases 8-51200
- Eggermont, G.E.J., Hermans, P.W., Hermans, L.J.F., Knaap, H.F.P., Beenakker, J.J.M. Viscomagnetic heat flux experiments as a test of gas kinetic theory in the Burnett regime 8-71400
- Eggermont, G.E.J., Oudemans, P., Hermans, L.J.F., Beenakker, J.J.M. Experiments on the angular dependence of the thermomagnetic pressure difference 8-51199
- Eggermont, G.E.J. *see* Kohler, W.E. 8-71414
- Eggermont, J.J. *see* Don, M. 8-61193
- Eggers, D.F., Jr., Kohler, D.A., Ritter, D.M. The i.r. and Raman spectra of cis and trans-1,2-dimethyldiborane 8-86868
- Eggers, F., Funck, Th., Richmann, K.H. Improved ultrasonic resonator cell for liquid samples 8-87213
- Eggers, H., Kroplin, B. Yielding of plates with hardening and large deformations 8-59311
- Eggers, H.R. Effect of resistance thermometer leads and its removal by means of a hexagonal bridge 8-77910
- Eggers, R. *see* Geoffroy, K.A. 8-74396
- Eggers, R.C. *see* Geoffroy, K.A. 8-74395
- Eggert, K. *see* Clark, A.G. 8-89751, 8-89759
- Eggleston, J. *see* Pummer, H. 8-50552
- Eggleton, A.E.J., Cox, R.A. Homogeneous oxidation of sulphur compounds in the atmosphere 8-96258
- Eggleton, P.P. RS Canum Venaticorum binaries 8-89208
- Eggleton, R.C., Keuwez, J.J. The zero-order Raman-Nath method for visualizing the longitudinal character of acoustic beams 8-71252
- Eglazaryan, A.A., Kazaryan, M.A., Khachikian, E.E. Spectrophotometry and morphology of galaxies with UV excess. II. Haro 15 8-93387
- Egidi, A. *see* Bonifazi, C. 8-85805
- Egido, J.L., Ring, P., Mang, H.J. Strongly disturbed bands in the high spin region described by rotating bosons 8-78239
- Egidy, T. *see* von Egidy, T.
- Egidy, T. *see* von Egidy, T.
- Egiyan, K.A., Mamyán, V.A., Arutyunyan, R.G. Influence of the thickness of hard-magnetic layers on the character of magnetic reversals of exchange-coupled films 8-56359
- Eglinton, G. *see* Hajibrahim, S.K. 8-61078
- Egloff, R.M. *see* Caldwell, D.O. 8-54635
- Egorenko, Yu.A. *see* Gorbunov, V.I. 8-53125
- Egorov, A.I., Rodionov, A.A., Ryl'nikov, A.S., Sovestnov, A.E., Sumbaev, O.I., Shaburov, V.A. Shift effect in X-ray lines generated by internal conversion due to hyperfine interaction 8-58234
- Egorov, A.I. *see* Alexeev, V.L. 8-54721
- Egorov, B.N., Kilesov, V.S., Komarov, A.G. Method of measuring the thermal conductivity of thin films normal to the layer 8-90682
- Egorov, B.V., Krivoglas, M.A. The theory of autocalized electron states in ferromagnetic semiconductors at arbitrary relation between the band width and the spin-electron interaction 8-51924
- Egorov, B.V. *see* Alferov, Zh.I. 8-56523, 8-68081
- Egorov, V.S. Measuring magnetic resistance at low angles between the current and the magnetic field 8-68012
- Egorov, V.S., Zatserkovnyuk, N.M., Volfvskii, I.G. Variation of the spectrum of a neon superradiation pulse when interacting with the resonance-absorption plasma of the positive column of a glow discharge 8-71489
- Egorov, V.V., Ivanov, V.N., Krishchuk, I.I., Petrov, M.P., Chajchuk, R.A. The digital register for an astronomical electric photometer 8-93117
- Egorov, V.V. *see* Astrov, Yu.A. 8-49903
- Egorov, V.V. *see* Devishv, M.I. 8-57063
- Egorov, Yu.K. *see* Simonov, M.A. 8-79593
- Egorov-Tismenko, Yu.K. *see* Simonov, M.A. 8-71714, 8-83801, 8-83804
- Egorov-Tismenko, Yu.K. *see* Yakubovich, O.V. 8-83802
- Egorova, L.G. *see* Litovchenko, N.A. 8-60881
- Egorova, L.M. *see* Bershtein, V.A. 8-51451
- Egorova, L.S. *see* Kovalev, A.I. 8-68009
- Egorushkin, V.E. *see* Nazhalov, A.I. 8-75974, 8-84121
- Egret, D. A test of absolute magnitude calibrations for early-type stars 8-61857
- Egri, R. *see* Joseph, R.I. 8-55621
- Eguchi, H. *see* Ota, K. 8-89014, 8-93050
- Eguchi, T., Kinoshita, C., Tomokiyo, Y. Kinetics of short range ordering and behavior of vacancies in binary substitutional alloys 8-55867
- Eguchi, T. *see* Bender, C.M. 8-54545
- Eguchi, T. *see* Kuroda, K. 8-91206
- Eguchi, T. *see* Kuroki, H. 8-56633
- Eguchi, W. *see* Adachi, M. 8-78474
- Eguchi, W. *see* Tada, Y. 8-89476

- Eguiluz, A.**, Maradudin, A.A. Electromagnetic modes of an inversion layer 8-60080
- Eguiluz, A.**, Maradudin, A.A. Electromagnetic modes of an inversion layer on a semiconductor surface 8-80030
- Eguiluz, A.** see Castiel, D. 8-75923
- Egurtzhyan, Sh.T.**, Petrosyan, V.P. Study of polymer glass-transition under the external pressure by means of dielectric loss method 8-71841
- Egusa, S.**, Ishigure, K., Tagawa, S., Tabata, Y., Oshima, K. Absorbed dose measurements in a mixed field of fast neutrons and γ -rays by the Fricke and ceric sulfate dosimeters 8-74514
- Egusa, S.**, Tagawa, S., Tabata, Y., Ishigure, K., Oshima, K. Absorbed dose measurements in the core of YAYOI by the chemical dosimeters 8-86695
- Ehara, S.**, Muramatsu, K., Hattori, T., Mashio, T., Shimazu, M. Photoconduction of lead trititanate 8-64058
- Ehart, E.P.** see Eaton, E.E. 8-66388
- Ehhalt, D.H.** The CH_4 concentration over the ocean and its possible variation with latitude 8-81372
- Ehhalt, D.H.**, Schmidt, U. Sources and sinks of atmospheric methane 8-73472
- Ehhalt, D.H.** see Hahne, A. 8-73405
- Ehhalt, D.H.** see Mihelcic, D. 8-73535
- Ehhalt, D.H.** see Volz, A. 8-73476
- Ehler, A.W.**, Carpenter, J.P. Vacuum UV imaging of a laser-produced plasma 8-51363
- Ehlers, K.W.** Rectangularly shaped large area plasma source 8-54916
- Ehlers, K.W.** see Berkner, K.H. 8-66377
- Ehlers, K.W.** see Molvik, A.W. 8-54917
- Ehlert, D.** Numerically stable computation of spherical triangles 8-88793
- Ehlert, T.C.** Mass spectrometric investigations of the oxides of potassium 8-64873
- Ehlotzky, F.** X-ray scattering in the presence of a strong laser field 8-58148
- Ehmann, U.K.**, Cook, K.H., Friedberg, E.C. The kinetics of thymine dimer excision in ultraviolet-irradiated human cells 8-53331
- Ehrenberg, A.** see Cartling, B. 8-96026
- Ehrenberg, J.** see Evers, D. 8-74385
- Ehrenberg, J.E.**, Ewart, T.E., Morris, R.D. Signal-processing techniques for resolving individual pulses in a multipath signal 8-83176
- Ehrenberg, J.E.** see Ewart, T.E. 8-79159
- Ehrenfreund, E.**, Kaufert, J., Heeger, A.J., Miro, N.D., MacDiarmid, A.G. Anisotropic Knight shift and nuclear spin-spin interactions in the incommensurate-linear-chain mercury compound $\text{N}_{3-x}\text{AsF}_6$ 8-80233
- Ehrenfreund, E.**, Moses, D., Brenner, R. Nuclear spin lattice relaxation in the linear antiferromagnet CsNiCl_2 8-64293
- Ehrenfreund, E.** see Cohen, A. 8-52371
- Ehrenreich, H.** see Gelatt, C.D., Jr. 8-51923
- Ehrenson, S.** A classical mean space charge model for solvation 8-76841
- Ehret, J.E.** see Shin, B.K. 8-67728
- Ehrfeld, W.** see Berkahn, W. 8-82498
- Ehrlich, H.** A comparison of experimental and theoretical H_2 Stark profiles at low electron densities 8-67470
- Ehrlich, H.**, Kelleher, D.E. Hydrogen fine-structure effects at low electron densities 8-62765
- Ehrlich, M.** A simplified method to calculate power dissipation and inductance of plane eddy current problems 8-58881
- Ehrl, A.**, Kurtkaya, E., Alschner, G. A comparative study of aromatic ether photolysis and radiolysis 8-64854
- Ehrlich, D.J.**, Osgood, R.M., Jr. Condon internal diffraction in the $\text{O}_n^+ \rightarrow \text{O}_n^+$ fluorescence of photoassociated H_2 8-78747
- Ehrlich, G.** see Stolt, K. 8-87861
- Ehrlich, L.W.** see O'Brien, V.O. 8-90878
- Ehrlich, P.E.** see Beem, J.K. 8-62075
- Ehrlich, R.** Are there an elementary length $l_0=0.66$ fm and an elementary time $\tau_0=0.66$ fm/c associated with the strong interaction? 8-82189
- Ehrlich, R.D.** see Alguard, M.J. 8-70376
- Ehrlich, R.D.** see Stone, S.L. 8-58530
- Ehrmann, E.** see Scholtz, A.L. 8-55384
- Ehsani, M.** see Wildi, P. 8-55038
- Ehses, E.** see Brueker, H. 8-50038
- Ehst, D.** see Brooks, J.N. 8-66410
- Eib, W.**, Reihl, B. Spin polarization of photoelectrons and itinerant magnetism in iron 8-68602
- Eib, W.** see Alvarado, S.F. 8-52622, 8-95675
- Eibschutz, M.**, Chin, G.Y., Jin, S., Brasen, D. Observation of phase separation in a Cr-Co-Fe alloy (chromindur) by Mossbauer effect 8-88116
- Eibschutz, M.** see Mahajan, S. 8-64219
- Eichelberger, J.C.** Andesitic volcanism and crustal evolution 8-85524
- Eichele, H.**, Schwoerer, M., von Schutz, J.U. ODMR and triplet state kinetics of a carbazoyl substituted diacetylene crystal 8-76355
- Eichenbaum, B.R.** see Stone, F.T. 8-87127
- Eichendorf, W.**, Reinhardt, M. A new period in the X-ray binary Cyg X-1? 8-81712
- Eichendorf, W.**, Reinhardt, M. First X-ray source in the Large Magellanic Cloud identified 8-81713
- Eichenherr, H.**, Pohlmeier, K. Continuity equations for the classical Euclidean two-dimensional non-linear σ -models 8-54210
- Eichholz, G.G.** see Jamieson, J.M. 8-53296
- Eichhorn, A.**, Elbel, M. Resonant collisions of sodium atoms in a laser beam 8-78782
- Eichhorn, G.** Heating and vaporization during hypervelocity particle impact 8-59290
- Eichhorn, G.** Primary velocity dependence of impact ejecta parameters 8-59291
- Eichhorn, H.** see Kluge, G. 8-83745, 8-83746
- Eichhorn, R.** see Chen, J.I. 8-59518
- Eichina, V.G.** see Kesler, N.A. 8-72990, 8-92429
- Eichinger, B.E.** see Yen, L.Y. 8-67832, 8-68912
- Eichler, D.** Ultrahigh-energy neutrino emission from cosmic-ray sources 8-65723
- Eichler, D.**, Wiita, P.J. Neutron beams in active galactic nuclei 8-69881
- Eichler, E.** see Hubert, P. 8-50123
- Eichler, E.** see Sayer, R.O. 8-66242
- Eichler, J.** Curve crossings and constraints in molecular-orbital correlations 8-74734
- Eichler, J.**, Knof, J., Lenz, H., Salk, J., Schafer, G. Ar^+ -laser application in clinical rhinology 8-69177
- Eichler, J.**, Wille, U. Diabatic molecular orbitals for inner-shell excitation 8-62897
- Eichler, R.**, Aas, B., Beer, W., Beltrami, I., Ebersold, P., v. Ledebur, Th., Leisi, H.J., Sapp, W.W., Dousse, J.C., Kern, J., Schwitz, W. Energy of a muonic X-ray transition measured with a crystal spectrometer 8-66695
- Eichmann, G.**, Elvekjaer, F., Steiner, F. Jets and hadron balls in e^+e^- 8-82224
- Eichmann, G.** see Tesler, M.H. 8-79116
- Eichmann, R.** see Ketscherid, G. 8-73463
- Eichner, S.**, Rau, C., Sizmann, R. Spin distribution of electrons at oriented surfaces of ferromagnets determined by electron capture spectroscopy 8-95645
- Eichten, E.** Heavy quark systems 8-89688
- Eichten, E.**, Gottfried, K., Kinoshita, T., Lane, K.D., Yan, T.-M. Charmonium: the model 8-78143
- Eickemeyer, J.** Stress corrosion cracking of a high strength steel in saturated $\text{Ca}(\text{OH})_2$ solutions caused by Cl and SO_4^{2-} additions 8-88567
- Eickhoff, H.** Analytical approximation for the laminar binary boundary-layer flow along a vaporising liquid layer 8-83403
- Eid, A.H.** see Elmanharawy, M.S. 8-92093, 8-95611
- Eid, M.A.** see Fakhry, A.A. 8-68938
- Eid, M.F.E.I.** see El Eid, M.F.
- Eiermann, R.**, Hofberger, W., Bassler, H. Localized valence states in the forbidden gap of non-crystalline tetracene 8-72113
- Eiffler, E.E.** see Hull, F.C. 8-82448
- Eifler, W.J.** see Horacek, B.M. 8-81033
- Eifrig, Th.** On the electronic properties of disordered quasi-one-dimensional systems with electron correlation 8-87966
- Eigermann, W.**, Muller-Vogt, G., Wendl, W. Solubility curves in high-temperature melts for the growth of single crystals of rare earth vanadates and phosphates 8-95687
- Eikman, E.A.** see Mack, G.A. 8-73241
- Eilam, G.** see Afek, Y. 8-89902, 8-93980
- Eilbert, R.F.** see Sisterson, J.M. 8-86536
- Eilers, R.E.**, Wilson, W.R., Moore, J.M. Developmental changes in speech discrimination in infants 8-65048
- Eimer, Cz.** Plasticity of polycrystal 8-63801
- Eimerl, D.** Photon-photon scattering in effective-photon theory 8-58962
- Eimerl, D.** Coherence oscillations in non-linear media and the lifetime of a coherent state 8-66862
- Eimerl, D.** see Murray, J.R. 8-90450
- Einer-Jensen, N.** see Lundsgaard, J.S. 8-53560
- Einhorn, M.B.**, Savit, R. Topological excitations in the Abelian Higgs model 8-70275
- Einhorn, M.B.**, Savit, R. Flux loops: more new heavy particles in the Weinberg-Salam model 8-82136
- Einghammer, H.J.** see Kramer, G. 8-77538
- Einloft, C.M.** see Assis, M.S. 8-53688
- Einstein, T.L.** Comment on 'Oscillatory indirect interaction between adsorbed atoms—Non-asymptotic behaviour in tight-binding models at realistic parameters' by K.H. Lau and W. Kohn 8-72000
- Einstein, T.L.** see Cohen, P.I. 8-92148
- Einstein, T.L.** see Elam, W.T. 8-72647
- Einzel, D.**, Woffle, P. Transport and relaxation properties of superfluid ^3He . I. Kinetic equation and Bogoliubov quasiparticle relaxation rate 8-79838
- Einzel, D.** see Woffle, P. 8-79839
- Einziger, R.E.** see Seidel, B.R. 8-86608
- Einziinger, R.** Metal oxide varistor action—a homojunction breakdown mechanism 8-60193
- Eiro, A.M.** see Roman, S. 8-54769
- Eisele, F.** see Hansl, T. 8-74244, 8-89698, 8-89860
- Eisele, F.** see Holder, M. 8-55103
- Eisele, F.L.** see Gatland, I.R. 8-59537
- Eisele, F.L.** see Pope, W.M. 8-67308
- Eisele, F.L.** see Thackston, M.G. 8-67298
- Eisele, I.** Stress and intersubband correlation in the silicon inversion layer 8-60227
- Eisele, I.** see Dorda, G. 8-52096
- Eisele, I.** see Gesch, H. 8-60216
- Eisen, F.H.** see Sahai, R. 8-76612
- Eisen, O.** see Mikhelson, V. 8-87782
- Eisen, Y.** see Eyal, Y. 8-82373
- Eisen, Y.** see Henning, W. 8-78413
- Eisen, Y.** see Stokstad, R.G. 8-78407
- Eisenberg, B.R.** see Peachey, L.D. 8-53356
- Eisenberg, H.** Correlation of measured system MTFs with visualization of angiographic information of high predictor value in diagnosis 8-73230
- Eisenberg, H.** see Arnold, B.A. 8-69199
- Eisenberg, S.R.** see Grodzinsky, A.J. 8-88695
- Eisenberg, Y.**, Haber, B., Hochman, D., Karshon, U., Lyons, L., Ronat, E.E., Shapira, A., Tabak, M., Yekutieli, G., Braun, H., Fridman, A., Gerber, J.P., Johnstad, H., Juillot, P., Maurer, G., Voltolini, C. Production of slow protons in the inclusive reactions $p(\pi^+) + n \rightarrow p_{\text{slow}} + x$ at 195 GeV/c 8-54657
- Eisenberg, Y.** see Braun, H. 8-58208
- Eisenberger, P.**, Shulman, R.G., Kincaid, B.M., Brown, G.S., Ogawa, S. Extended X-ray absorption fine structure determination of iron nitrogen distances in haemoglobin 8-68989
- Eisenberger, P.** see Boon-Keng Teo 8-85291
- Eisenberger, P.** see Citrin, P.H. 8-66562, 8-71952, 8-84679
- Eisenberger, P.** see Hastings, J.B. 8-62278
- Eisenberger, P.** see Rosenberg, M. 8-88378
- Eisenhawer, S.W.** see Crowe, R.D. 8-94058
- Eisenman, G.**, Sandblom, J., Neher, E. Interactions in cation permeation through the gramicidin channel. Cs, Rb, K, Na, Li, Ti, H, and effects of anion binding 8-53370
- Eisenman, W.L.** see Arrington, D.C. 8-81542
- Eisenmann, E.T.** Kinetics of the electrochemical reduction of dicyanoaurate 8-73052
- Eisenrith, K.H.** see Aulich, H.A. 8-55480
- Eisenstadt, M.**, Fabry, M.E. NMR relaxation of the hemoglobin-water proton spin system in red blood cells 8-80832
- Eisenstadt, R.**, Small, D.L. The effect of frequency on cyclic crack growth in 200 maraging steel in a salt water environment 8-64680
- Eisenstein, I.** Magnetic traction force in a ordered matrix of a high gradient magnetic separator 8-50674
- Eisermann, H.W.** see Besch, H.J. 8-93893
- Eisert, R.M.** see Eisert, W.G. 8-92687
- Eisert, W.G.**, Nezel, M., Eisert, R.M. High-speed cell analysis by laser absorption and scatter measurements 8-92687
- Eisinger, J.** see Blumberg, W.E. 8-53554
- Eisler, T.J.** Theory of scattering by rigid bodies with thin liquid coatings 8-50968
- Eisner, A.M.** Photoproduction at high energies 8-78186
- Eisner, A.M.** see Caldwell, D.O. 8-54635
- Eissa, N.A.**, Bahgat, A.A., Fayek, M.K. On the magnetic behaviour of cadmium nickel ferrites 8-52390
- Eissa, N.A.**, Bahgat, A.E.-D.A., Salah, S.H. Mossbauer effect study of Co-ferrite formation 8-68875
- Eissa, N.A.** see Bahgat, A.A. 8-76360
- Eizenberg, M.**, Fisher, B. Impact ionization phenomena initiated by the acoustoelectric effect in n-GaAs 8-52038
- Ejima, M.** see Herai, T. 8-76768
- Ejima, S.** see Prater, R. 8-51293
- Ejima, T.**, Yamamura, T., Takano, S., Honda, T. Diffusion of iridium, thallium, lead and bismuth in liquid copper 8-59962
- Ejima, T.** see Sato, Y. 8-92250
- Ejima, Y.** see Akita, M. 8-53404
- Ejiri, A.** see Masuoka, T. 8-66731
- Ejiri, H.**, Itahashi, T., Nagai, Y., Shibata, T., Nakayama, S., Kishimoto, T., Maeda, K., Sakai, H., Hoshi, M. Gamma rays and neutrons following preequilibrium $^{165}\text{Ho}(p, \text{npy})$ reactions at $E_p=60$ MeV 8-89872
- Ejiri, H.**, Nagai, Y., Itahashi, T., Shibata, T., Nakayama, S., Kishimoto, T., Maeda, K., Sakai, H., Hoshi, M. Preequilibrium and equilibrium deexcitation processes for $\text{Dy}(\alpha, \text{n} \gamma)$ Er reactions at $E_\alpha=90$ MeV and $^{165}\text{Ho}(p, \text{npy} \gamma)$ reactions at $E_p=60$ MeV 8-50185
- Ejiri, H.**, Shibata, T., Itahashi, T., Nagai, Y., Nakayama, S., Kishimoto, T., Maeda, K., Sakai, H., Hoshi, M. Difference between populations of the K-isomer in ^{182}Os by (p, npy) reactions and (He, npy) reactions 8-93927
- Ejiri, H.** see Nakayama, S. 8-89823

- Ek, L.**, Biedermann, K. Implementation of hologram interferometry with a continuously scanning reconstruction beam 8-71055
- Ekardt, W.**, Sheboul, M.I. Many-exciton effects in the theory of biexcitons 8-51901
- Ekborg, J.O.**, Edlen, B. Term analysis of Fe IV 8-82677
- Ekborg, S.** see Jones, L.H. 8-82808
- Ekbote, P.D.**, Moharil, S.V., Zope, J.K. Shift in absorption edge of CdS due to intrinsic defects 8-64382
- Ekbote, P.D.**, Zope, J.K. Application of Hagemark's theory to ZnSe-HgSe solid solution 8-64040
- Ekdahl, C.A.** see Sethian, J.D. 8-75421
- Ekdahl, T.** see Baverstam, U. 8-88238
- Ekdahl, T.** see Liljequist, D. 8-94159
- Ekelof, T.** see Aden, T. 8-86736
- Ekelof, T.** see Badelek, B. 8-90011
- Ekelof, T.** see Burq, J.P. 8-89741
- Ekers, R.D.** Radio observations of active and normal nuclei 8-57646
- Ekers, R.D.**, Fanti, R., Lari, C., Ulrich, M.-H. Two head-tail radio sources in poor clusters 8-96530
- Ekers, R.D.**, Kotanyi, C.G. NGC 4472: a very weak radio galaxy? 8-65708
- Ekers, R.D.** see Sancisi, R. 8-73753
- Ekhaugere, G.O.S.** The theory of superselection rules. I. A class of inequivalent, irreducible *-representations of the canonical commutation relations of the free electromagnetic field 8-78119
- Ekholm, S.** Recent developments in training of the emergency organization at SSPB's nuclear power stations in Sweden 8-50412
- Ekiert, S.E.** see Parr, P. 8-59065
- Ekin, J.W.** Current transfer in multifilamentary superconductors. I. Theory 8-72315
- Ekin, J.W.**, Clark, A.F., Ho, J.C. Current transfer in multifilamentary superconductors. II. Experimental results 8-72316
- Eklund, H.**, Lundqvist, S., Martinsson, B., Eng, S.T. Atmospheric transmission measurements at 10.6 μm 8-92977
- Ekman, A.**, Liukkonen, S., Kontturi, K. Diffusion and electric conduction in multicomponent electrolyte systems 8-71872
- Ekman, A.B.G.** see Bergwall, N.A. 8-77497
- Ekonomov, N.A.** see Evitkhiev, N.N. 8-55324
- Ekonomov, N.A.** see Preobrazhenskii, V.L. 8-80187
- Ekonomov, N.A.** see Pyn'ko, V.G. 8-60319
- Ekspong, G.** see Stenbacka, R. 8-54645
- Ekstrom, C.**, Ingelman, S., Wannberg, G., Skarestad, M. Nuclear ground state spins of the francium isotopes $^{208}_{213,220,222}\text{Fr}$ 8-78257
- Ekstrom, C.**, Wannberg, G., Heinemeier, J. Nuclear spin of a new isomer in ^{119}Cs and magnetic moment of ^{120}Cs -evidence for strongly deformed nuclear shapes of the light cesium isotopes 8-70444
- Ekstrom, L.P.** see Eggenhuisen, H.H. 8-58250, 8-89787
- El Balkhi, A.M.**, Jeannot, F., Zanne, M., Gleitzer, C. Study of cation substitutions in $\alpha\text{NaFe}_2\text{O}_3$. I. Substitution of iron 8-95034
- El Biach, A.** see Cuellieron, J. 8-59822
- El Dalil, S.** see Aziz El Dalil, S.
- El Din, A.M.** Shams see Shams El Din, A.M.
- El Eid, M.F.** see Takahashi, K. 8-73699
- El Farrash, A.H.** see Tischler, R. 8-93969
- El Minywai, N.** Helmy see Helmy El Minywai, N.
- El Nagar, N.M.**, Gabre, A.S., Turkey, A.H. Use of Schottky's diffusion theory for nonstationary plasma column 8-91174
- El Naschie, M.S.**, Galaly, I., Athel, S. A finite difference perturbation procedure for nonlinear elastic stability problems 8-83273
- El Raghy, S.** see Gaballah, I. 8-84113
- El Sherbini, T.M.**, Zaki, M.A. Perturbations in the $5p^6s$ and $5p^4sd$ configurations of Xe II 8-66478
- El Wahab, F.M.** Abd see Abd El Wahab, F.M.
- El Wakil, S.A.**, Haggag, M.H., Saad, E.A. The reflection and transmission functions for plane geometry by the reduction of finite medium to a problem of half space 8-74415
- El-Agrab, M.I.M.** see Kovacs, I. 8-66601
- El-Akkari, F.R.** see Tsai, C.S. 8-71233
- El-Awady, M.M.** see Ghanem, N.A. 8-64746
- El-Badry, A.A.** see Simmons, J.G. 8-68093
- El-Bakhravi, M.D.** see Davydov, B.B. 8-60584
- El-Bayoumi, M.A.** see Ebeid, E.-Z.M. 8-84637
- El-Baz, F.** The meaning of desert color in Earth orbital photographs 8-65315
- El-Derini, M.N.**, Boom, R.W., Peterson, H.A. Design of energy storage solenoids for Tokamak reactors 8-66369
- El-Dessouki, S.** see Bohnert, K. 8-88327
- El-Fouly, M.H.**, Edmond, J.T. Electrical conductivity of some chalcogenide glasses as a function of electric field and temperature 8-84225
- El-Genk, M.**, Cronenberg, W. As assessment of fuel freezing and drainage phenomena in a reactor shield plug following a core disruptive accident 8-50270
- El-Hanany, U.** see Shaham, M. 8-72425
- El-Hang Lee, Benner, R.E.**, Fenn, J.B., Chang, R.K. Angular distribution of fluorescence from monodispersed particles 8-76927
- El-Kaddah, N.H.**, Robertson, D.G.C. The kinetics of gas-liquid metal reactions involving levitated drops. Carburization and decarburization of molten iron in CO-CO_2 gas mixtures at high pressures 8-85053
- El-Kheshin, M.**, Allam, S.H., Phillips, A.H. Neutrino-pair bremsstrahlung from a hot plasma in the presence of a strong magnetic field 8-61878
- El-Khooly, E.** see Ahmed, N.A. 8-80123
- El-Kordy, M.A.** see Ahmed, N.A. 8-80123
- El-Kourashy, A.-G.**, Grinter, R. Magnetic circular dichroism spectra of iodide ion in solvents in low polarity 8-94268
- el-leil, M.** Abou see Abou el-leil, M.
- El-Magd, E.**, Troost, A. Fatigue limit of fibre reinforced metals 8-72859
- El-Magd, E.** see Troost, A. 8-52931
- El-Mahallawy, N.A.**, Earag, M.M. Effect of some thermal parameters on the directional solidification process 8-88456
- El-Mahdi, A.M.** see Shaeffer, J. 8-61215
- El-Malek, M.M.** Abd see Abd El-Malek, M.M.
- El-Menshaw, M.F.** see Smith, M.R. 8-87526
- El'-Mikati, Kh.** see Dresvin, S.V. 8-94934
- El-Mousely, M.M.K.** see Nassar, A.M. 8-83997
- El-Mously, M.K.**, Kotkata, M.F. Kinetics of disorder-order transition in S-Se alloys 8-67650
- El-Mously, M.K.**, Kotkata, M.F. Some physical properties of As_2Se_3 - As_2Te_3 glasses 8-68028
- El-Mously, M.K.**, Omar, O.A. Application of Kolmogorov-Avrami's equation to amorphous crystal transition of selenium containing sulphur 8-67649
- El-Naggar, I.A.**, Khalil, S.M., Sizonenko, V.L. On the theory of Buneman's instability in hot ion plasma 8-79422
- El-Naghy, A.A.** see Badawy, O.E. 8-66161, 8-78219
- El-Nasr, S.** Seif see Seif El-Nasr, S.
- El-Nesr, M.K.** see Abbas, M.A. 8-81337
- El-Nimr, M.K.** see Abou Sekkina, M.M. 8-76392
- El-Ramly, S.**, Duhamel, P. Statistical error prediction in measurement of probability densities 8-57885
- El-Refaie, E.M.** see El-Sayed, M.L. 8-81363
- El-Safti, A.F.A.B.**, Hartnagel, H.L. Anodic oxidation analysis of thin metallic films and thin-film epitaxy on GaAs 8-80673
- El-Sayed, E.M.** see Sologub, M.N. 8-53375
- El-Sayed, M.A.**, Campion, A., Avouris, P. Temperature, temporal and concentration dependence of the laser-narrowed $^5\text{D}_0 \rightarrow ^7\text{F}_0$ fluorescence lineshape of Eu^{3+} in glasses 8-64406
- El-Sayed, M.A.** see Avouris, P. 8-84655
- El-Sayed, M.A.** see Berg, J.O. 8-74716, 8-74718
- El-Sayed, M.A.** see Campion, A. 8-85294
- El-Sayed, M.A.** see Gertler, A.W. 8-80760
- El-Sayed, M.A.** see Merle, A.-M. 8-82760
- El-Sayed, M.A.** see Parker, D.H. 8-70759
- El-Sayed, M.L.**, El-Refaie, E.M., Awad, M.M. Effect of pollution on the breakdown voltage of air 8-81363
- El-Sayed, M.M.**, Sogin, H.H. Temperature distribution and buoyancy effects in a recirculation flow produced by a round jet in a dead-end vessel 8-90958
- El-Shamy, A.** see Treptow, R. 8-59625
- El-Shamy, T.M.**, Ashmawy, F.M., Ahmed, A.A. Corrosion of some common silicate glasses by aqueous solutions 8-64752
- El-Sharkawy, A.I.**, Nayfeh, A.H. Effect of an expansion chamber on the propagation of sound in circular ducts 8-55485
- El-Sherbini, M.** see Reid, J. 8-73523
- El-Shirbini, A.A.** see Rakopoulos, C.D. 8-94808
- El-Shirbini, A.A.** see Shanawany, M.El. 8-59447
- El-Sirafy, I.H.** Stretched plates weakened by inner curvilinear holes 8-55567
- El-Soudani, S.M.** Profilometric analysis of fractures 8-88600
- El-Souragy, A.A.** see Badawy, O.E. 8-89882
- El-Waheidy, E.F.** The capture of electrons by positively charged traps in semiconductors 8-52003
- El-Zein, A.** see Anis, H. 8-67582
- Elabd, H.**, Steckl, A.J. Growth of polycrystalline PbS films 8-72743
- Elabd, H.** see Steckl, A.J. 8-52075
- Elachi, C.** Radar imaging of the ocean surface 8-77334
- Elachi, C.** see Campbell, W.J. 8-81173
- Elaev, V.F.**, Kirilov, A.E., Polunin, Yu.P., Soldatov, A.N., Fedorov, V.F. Experimental investigation of the pulse discharge in Cu+Ne mixture in high repetition rate regime 8-71092
- Elagina, L.G.**, Kopro, B.M., Timanovskii, D.F. Some characteristics of the atmospheric surface layer above snow 8-96264
- Elam, W.T.**, Cohen, P.I., Einstein, T.L., Fukuda, Y., Park, R.L. Extended fine structure above the vanadium 2s appearance potential edge 8-72647
- Elam, W.T.** see Cohen, P.I. 8-92148
- Elam, W.T.** see Fukuda, Y. 8-71971
- Eland, J.H.D.** Molecular photoelectron spectroscopy 8-94283
- Eland, J.H.D.** see Leach, S. 8-90200
- Elango, A.A.** see Nurakhmetov, T.N. 8-71731
- Elango, K.**, Suresh Rao, H. Finite element description of flowfield in groundwater management models 8-92874
- Elango, M.** see Kadchenko, V.N. 8-52641
- Elango, M.A.**, Zhurakovskii, A.P., Kadchenko, V.N., Iygi, Kh.R.-V. Manifestation of the irradiated-induced energy transfer from the bulk of an insulator to its surface 8-92132
- Elashvili, Z.G.** see Dod', I.I. 8-79404
- Elashvili, Z.G.** see Mgaloblishvili, K.D. 8-76962
- Elattar, A.** see Moldovan, A.G. 8-56915
- Elaz, Y.** see Brill, I. 8-81053
- Elban, W.L.** see Greenberg, M.D. 8-52922
- Elbaum, C.** see Merchant, P. 8-56143
- Elbaz, E.**, Fayard, C., Lamot, G.H. Three-body treatment of (d- α) elastic scattering 8-54767
- Elbaz, E.** see Meyer, J. 8-58293, 8-70553
- Elbel, M.** see Eichhorn, A. 8-78782
- Elbera, A.**, Hintz, E., Schweer, B. Measurement of the velocity distribution of metal atoms sputtered by light and heavy particles 8-95626
- Elbern, A.** see Rusbuldt, D. 8-67422
- El'darov, F.G.** see Filippov, L.P. 8-67835
- Eldefrawi, A.T.** see Albuquerque, E.X. 8-64975
- Elder, D.I.** see Lum, W.Y. 8-72017
- Elder, J.P.** Recent advances in fluid density measurements 8-92751
- Elding, L.L.**, Olsson, L.F. Electronic absorption spectra of square-planar chloro-aqua and bromo-aqua complexes of palladium(II) and platinum(II) 8-50553
- Eldis, G.T.** Accelerated annealing of high hardenability carburizing steels 8-84857
- Eldridge, J.E.** The absorption edges above the gaps, and the disappearance of the E_g gap through the Peierls transition, in TTF-TCNQ 8-72198
- Eldridge, J.M.** see Lee, M.H. 8-64239
- Eldridge, J.M.** see Wen-Yang Lee 8-95245
- Eldridge, J.S.**, Lyon, W.S., Oakes, T.W. Planning for unplanned releases 8-89994
- Eleinikova, L.S.** Formation of transfer functions for thermal objects with internal sources 8-73960
- Elejalde, C.** see Gracia, I. 8-57264, 8-57265
- Elekseyenko, D.V.** see Bezrodnny, M.K. 8-90686
- Elenbaas, R.A.** see de Boer, F.R. 8-68150
- Elenevskii, D.S.** see Troshchenko, V.T. 8-64800
- Elenkrig, B.B.** see Gulyaev, Yu.V. 8-71225
- Elenksii, V.A.** see Volkenshtein, N.V. 8-76041, 8-87961
- Eleonskii, V.M.**, Kirova, N.N. Self-channelled states of the magnetic moment in a rotating magnetic field 8-88102
- Eleonskii, V.M.**, Kirova, N.N., Kulagin, N.E. On the limiting velocities and the types of magnetic moment waves 8-60276
- Eler, E.** see Gopych, I.M. 8-78597
- Elesin, V.F.** Theory of phase transitions in nonequilibrium superconductors with allowance for phonon reabsorption 8-68107
- Elesin, V.V.**, Kondrashov, V.E., Shamaev, B.N., Suknikh, A.P. Dependence of the order parameter of a nonequilibrium superconductor on optical pumping intensity 8-91816
- Eletsii, A.V.** see Bychkov, V.L. 8-91176, 8-94885
- Eletsii, V.L.**, Popov, V.S. Calculation of the Gell-Mann-Loy function in scalar field theory 8-82116
- Eletsii, V.L.**, Popov, V.S. On the Pade-Borel summation of perturbation series 8-86416
- Eley, D.D.**, Hey, M.J., Rix, C.K. Water proton magnetic relaxation in silver iodide sols 8-76930
- Eley, D.D.**, Hey, M.J., Ward, A.J.I. Rotating frame spin-lattice relaxation in solid hydrated methaemoglobin 8-95995
- Eley, D.D.**, Moore, P.B. Adsorption of oxygen on gold 8-87879
- Elfimov, V.S.** Lagrangian gyroscope with a moving hodograph 8-86134
- Elfimov, V.S.** Existence of periodic solutions to the equations of motion of a rigid body, similar to a Lagrange gyroscope 8-86142
- Elford, M.T.** see Helm, H. 8-63532
- Elfstrom, B.O.**, Olefjord, I. Preparation of alloys for ESCA investigation 8-53037
- Elfstrom, S.** see Dubbers, F. 8-78312
- Elfstrom, S.** see Winter, G. 8-62552
- Elgerwi, L.A.** see Siddiqi, G.H. 8-59294

- Elgin, J.N.**, New, G.H.C. Theory of two-photon resonant up-conversion with ultrashort pulses. I. Third-harmonic generation 8-90453
- Elgin, J.N.**, O'Hare, T.B. Feasibility study of pulse compression by two-photon self-induced transparency 8-66870
- Elhadad, J.** Quantification of the geodesic flow of the sphere S^2 8-54151
- Elhorst, J.K.** see Van Der Scheer, A. 8-85359
- Elias, E.** see Reynolds, G.M. 8-85743
- Elias, G.** see Dahan, C. 8-94788
- Elias, H.-G.**, Bhateja, S.K., Pae, K.D. Pressure dependence of elastic moduli [polymers] 8-52877
- Elias, J.** Measurement of periodic length changes in sub-nano-meter range 8-77861
- Elias, J.** see Nadeau, D. 8-93315
- Elias, J.E.**, Busza, W., Halliwell, C., Luckey, D., Votta, L., Young, C. Projectile dependence of multiparticle production in hadron-nucleus interactions at 100 GeV/c 8-82241
- Elias, J.E.** see Cutts, D. 8-78380, 8-89746
- Elias, J.H.** 2.2- μ field stars at the North Galactic Pole 8-81622
- Elias, J.H.** A study of the IC 5146 dark cloud complex 8-89234
- Elias, J.H.** An infrared study of the Ophiuchus dark cloud 8-93363
- Elias, L.** In-situ quantitation of background halofluorocarbon levels 8-69530
- Elias, L.R.** see Deacon, D.A.G. 8-82940, 8-90406
- Eliason, E.M.** see Soderblom, L.A. 8-65527
- Eliasova, M.**, Proks, I., Zlatosvsky, I. Thermodynamic analysis of the system $2\text{CaO} \cdot \text{MgO} \cdot 2\text{SiO}_2 - \text{CaO} \cdot \text{MgO} \cdot 2\text{SiO}_2$. I. Enthalpic analysis of the system 8-79785
- Eliasson, B.**, Schade, E. Electrical breakdown of SF_6 at high temperatures (<2300K) 8-67567
- Eliaiv, U.**, Levanon, H. The selective reactivity of low electron affinity scavengers in photolyzed solutions of Rb-THF 8-53224
- Elices, M.** see Astiz, M.A. 8-67139
- Eliel, E.R.** see Walraven, J.T.M. 8-63929
- Eliel, E.R.** see Zaal, G.J. 8-82674
- Eliezer, I.**, Howald, R.A. High-temperature thermodynamics and phase equilibria in the potassium oxide-aluminium oxide system 8-80521
- Eliezer, I.** see Eliezer, N. 8-83932
- Eliezer, N.**, Howald, R.A., Marinkovic, M., Eliezer, I. Vapor pressure measurements, thermodynamic parameters, and phase diagram for the system potassium oxide-silicon oxide at high temperatures 8-83932
- Eliezer, S.**, Krumbein, A.D., Salzmann, D. A generalised validity condition for local thermodynamic equilibrium in a laser-produced plasma 8-79450
- Eliezer, S.** see Arad, B. 8-55732
- Eliezer, Z.** see Casstevens, J.M. 8-88544
- Elina, N.N.** see Shchavlev, O.S. 8-88287
- Elinson, M.I.** see Balkarei, Yu.I. 8-77034
- Elinson, M.I.** see Golik, L.L. 8-76175
- Elinson, M.I.** see Panfilov, B.A. 8-95389
- Eliseev, A.G.** Characteristics of the numerical solution of the heat-conduction equation at early times 8-79185
- Eliseev, V.I.** Asymptotic solution of the problem of outflow of heavy laminar jets of nonmixing liquids 8-51212
- Eliseev, V.S.** see Bukach, A.B. 8-57457
- Eliseev, Yu.N.**, Stepanov, K.N. Excitation of surface waves in a plasma by an inhomogeneous flow of oscillators 8-87459
- Eliseeva, G.D.** see Zubchenko, A.S. 8-95788
- Eliseeva, L.M.** see Bunina, L.O. 8-88511
- Eliseeva, O.S.** see Postnikov, V.S. 8-86255
- Eliseeva, V.L.**, Moroz, A.P., Ryabinina, T.I., Zuikov, A.V. Electrodeposition of latex polymers on metal 8-53015
- Elishakoff, I.** Random vibrations of orthotropic plates clamped or simply supported all round 8-51104
- Elistratov, N.V.** see Povitskii, V.A. 8-72356
- Elitzur, M.** A model for the maser sources associated with H II regions 8-81666
- Elitzur, M.**, Watson, W.D. Formation of molecular CH^+ in interstellar shocks 8-61910
- Elitzur, M.** see Guibert, J. 8-65669
- Elizalde, E.** New multipseudoparticle solutions of Yang-Mills equations 8-74152
- Elizalde, E.** Kinematical groups and co-ordinate transformations 8-81796
- Elizalde, E.**, Gomis, J. The groups of Poincare and Galilei in arbitrary dimensional spaces 8-77672
- Elizarova, T.G.** see Gerasimov, B.P. 8-93635
- Elizbarashvili, E.Sh.** see Alibegova, Zh.D. 8-92942
- Elizen, V.M.** see Sergushin, I.P. 8-88384
- Elkholy, A.H.** see Dubey, R.N. 8-63335
- Elkhov, Ya.A.** Representational possibilities of latensification in colour negative motion picture process 8-86373
- El'kin, A.I.** Flow of an electrically conducting fluid in a distributing collector in a magnetic field [heat exchanger] 8-75227
- Elkina, V.D.**, Bashnin, Yu.A., Osnovin, V.A., Kozak, A.P., Malkov, P.M. Kinetics of the decomposition of supercooled austenite in high-speed steels R6M5, R6M5K5, and R18 8-92233
- Elkington, J.** Geothermal energy in Iceland 8-57181
- Elkins, P.J.** see Burton, M. 8-65482
- Elkomoss, S.G.** see Nikitine, S. 8-64386, 8-64388
- Elkoush, A.F.** Approximate solution for pulsatile laminar flow in a circular rigid tube 8-79346
- Ell, P.J.** see Elliott, A.T. 8-92700
- Elledge, K.L.** see Major, R.W. 8-88324
- Ellegaard, C.**, Garrett, J.D., Lien, J.R. Studies of the $^{204}\text{Hg}(\text{p},\text{t})^{202}\text{Hg}$ and $^{204,205,206}\text{Pb}(\text{p},\text{t})^{202,203,204}\text{Pb}$ reactions 8-94005
- Ellegaard, C.**, Julin, R., Kantele, J., Luontama, M., Poikolainen, T. Half-life of the lowest 2p-1h state in ^{209}Bi 8-74331
- Ellegaard, C.** see Bjerregaard, J.H. 8-74376
- Elleman, D.D.** see Burum, D.P. 8-86307
- Elleman, T.S.** see Abraham, P.M. 8-51738
- Elleman, T.S.** see Causey, R.A. 8-79816
- Ellen, C.H.** see Shayo, L.K. 8-63365, 8-63496
- Ellenbroek, A.W.**, Dymanus, A. Zeeman effect and the molecular quadrupole moment of hydrogen peroxide by beam maser spectroscopy 8-90152
- Ellerbrok, R.** see Engler, S. 8-92256
- Ellerbruch, D.A.**, Belscher, D.R. Electromagnetic technique of measuring coal layer thickness 8-53740
- Ellett, W.H.** Exposure to radon daughters and the incidence of lung cancer 8-96080
- Ellialtioglu, S.**, Wolfram, T., Henrich, V.E. Surface states on n-type SrTiO_3 8-80111
- Ellinas, C.P.**, Croll, J.G.A., Kaoulla, P., Kattura, P. Tests on interactive buckling of stiffened plates 8-71286
- Ellinger, Y.** see Douady, J. 8-62725
- Elliott, C.F., Jr.** see Thomchick, J. 8-54221
- Elliott, D.G.** see Vevai, J.E. 8-81989
- Elliott, J.** see Veverka, J. 8-58912
- Elliott, J.L.** Direct imaging of extra-solar planets with stationary occultations viewed by a space telescope 8-85858
- Elliott, J.L.**, Dunham, E.W., Veverka, J., Goguen, J. Lunar occultation of Saturn. II. The normal reflectances of Rhea, Titan, and Iapetus 8-85897
- Elliott, J.L.** see Evans, D.S. 8-57583
- Elliott, J.L.** see Veverka, J. 8-53865
- Elliott, A.J.** see Dong-Ping Wang 8-92829
- Elliott, A.T.** Physics in nuclear medicine 8-49618
- Elliott, A.T.**, Brown, N.J.G., Burns, D., Ell, P.J. Operating a nuclear medicine computer system with a remote mobile gamma camera 8-92700
- Elliott, C.J.**, Goldstein, J.C. Target-induced parasitic oscillations in ANTARES 8-59072
- Elliott, C.J.** see Easton, A.J. 8-65569
- Elliott, C.R.**, Ambridge, T., Heckingbottom, R. Ion implantation damage in GaAs: A TEM study of the variation with ion species and stoichiometry 8-59827
- Elliott, C.T.**, Migliorato, P., Vere, A.W. Counter-doped extrinsic silicon infrared detectors 8-49896
- Elliott, D.O.** see Gizon, J. 8-50121
- Elliott, H.** see Wild, S. 8-79579
- Elliott, I.C.**, Wilshire, B. Creep fracture of alpha-beta brass 8-88531
- Elliott, J.F.** see Liang, W.W. 8-56911
- Elliott, J.K.**, Gunshor, R.L., Pierret, R.F., Day, A.R. A wideband SAW convolver utilizing Sezawa waves in the metal-ZnO-SiO₂-Si configuration 8-66988
- Elliott, J.P.** see Halkia, K. 8-74319
- Elliott, K.H.**, Blades, J.C., Zealey, W.J., Tritton, S. The spectrum of the supernova in MCG 43223 8-93288
- Elliott, K.H.**, Goudis, C., Meaburn, J., Pilkington, J. A giant H II ring and energetic stellar winds in the Large Magellanic Cloud 8-77593
- Elliott, K.H.**, Meaburn, J., Terrett, D.L. The many, large-scale, velocity components of M17—observed with an insect-eye Fabry-Perot 8-93380
- Elliott, K.R.**, McGill, T.C. Time and spatially resolved absorption at 3.4 μm in highly excited germanium 8-92075
- Elliott, K.R.**, Osbourn, G.C., Smith, D.L., McGill, T.C. Bound-exciton absorption in Si:Al, Si:Ga, and Si:In 8-56507
- Elliott, K.R.**, Smith, D.L., McGill, T.C. Absorption and luminescence of the bound exciton in thallium doped silicon 8-88359
- Elliott, M.**, Ellis, T., Springfield, M. Influence of the electron-phonon interaction on the de Haas-van Alphen effect in mercury 8-84130
- Elliott, R.A.** see Pincus, P.A. 8-66757
- Elliott, R.J.** see Kleppmann, W.G. 8-80351
- Elliott, S.R.** A continuous random network approach to the structure of vitreous boron trioxide 8-67693
- Elliott, S.R.** Temperature dependence of a.c. conductivity of chalcogenide glasses 8-72153
- Elliott, T.L.** Surface hardening 8-72894
- Elliott, W.P.** see Reed, R.K. 8-57258
- Ellis, A.J.** Chemical and isotopic techniques in geothermal investigations 8-69501
- Ellis, B.W.**, Randall, N.J., Beckett, A.J., Dudley, H.A.F. Continuous blood sampling and time series analysis in endocrine research 8-77130
- Ellis, D.E.**, Benesh, G.A., Byrom, E. Self-consistent embedded-cluster model for magnetic impurities: β' -NiAl 8-67973
- Ellis, D.E.** see Gubanov, V.A. 8-63976, 8-63977
- Ellis, D.G.** see Curtis, L.J. 8-90124
- Ellis, G.F.R.** Is the Universe expanding? 8-57706
- Ellis, G.F.R.**, Maartens, R., Nel, S.D. The expansion of the Universe 8-93491
- Ellis, H.D.** see Wong, C.F. 8-87724
- Ellis, H.W.** see Gatland, I.R. 8-59537
- Ellis, H.W.** see Pope, W.M. 8-67308
- Ellis, H.W.** see Thackston, M.G. 8-67298
- Ellis, J.** Bottomology and topology 8-54605
- Ellis, J.** Centimeter rule-technique of photographing gross surgical specimens 8-61287
- Ellis, J.**, Gaillard, M.K. No new light boson? 8-50003
- Ellis, J.**, Wiik, B.H., Hubner, K. CHEEP: An e-p facility in the SPS 8-55062
- Ellis, J.** see Baulieu, L. 8-82226
- Ellis, J.** see Buras, A.J. 8-54598
- Ellis, J.** see de Rujula, A. 8-74267
- Ellis, J.F.**, Walstrom, P.L. Moving coil linear variable differential transformer 8-54415
- Ellis, J.R.**, Robinson, D.N., Pugh, C.E. Behaviour of annealed type 316 stainless steel under monotonic and cyclic biaxial loading at room temperature 8-52928
- Ellis, J.R.** see Villagrana, R.E. 8-84846
- Ellis, J.S.**, Vonder Haar, T.H., Levitus, S., Oort, A.H. The annual variation in the global heat balance of the Earth 8-73300
- Ellis, L.M.** Models for hydrogen exchange from folded proteins. II 8-76981
- Ellis, M.J.** see Werner, M.W. 8-81671
- Ellis, P.J.** On polarization in heavy ion reactions 8-74391
- Ellis, P.J.** see Bayman, B.F. 8-66300
- Ellis, P.J.** see Dudek-Ellis, A. 8-82377
- Ellis, R.**, Phillips, S. A catalogue of absorption lines in QSO spectra 8-53840
- Ellis, R.E.** Radiotherapy by external beams of ionising radiation 8-49616
- Ellis, R.J.** see Gurtler, R.W. 8-76597
- Ellis, R.K.**, Georgi, H., Machacek, M., Politzer, H.D., Ross, G.G. Factorization and the parton model in QCD 8-93848
- Ellis, R.S.**, Axon, D.J. Stellar polarization and the structure of the magnetic field of our Galaxy 8-69869
- Ellis, S.D.** The life and times of large p, physics: diagnosis and prognosis 8-78215
- Ellis, S.D.** see Basham, C.L. 8-66045
- Ellis, S.D.** see Cahn, R.N. 8-66115
- Ellis, T.** see Elliott, M. 8-84130
- Ellis, T.H.** see Duquette, G. 8-58764
- Ellis, W.P.**, Taylor, T.N. Application of a double-pass CMA to ion scattering from some actinide materials 8-72658
- Ellis, W.P.**, Taylor, T.N. Ion-scattering structure studies of UO_2 surfaces 8-75917
- Ellis, Y.A.** Nuclear data sheets for A=237 8-82267
- Ellis, Y.A.** Nuclear data sheets for A=241 8-82268
- Ellison, B.T.**, Schmale, W.R. Corrosion of steel in concentrated sulfuric 8-64767
- Ellison, E.G.**, Harper, M.P. Creep behaviour of components containing cracks—a critical review 8-63321
- Ellison, E.G.** see Bartlett, R.A. 8-64673
- Ellison, G.B.**, Engelking, P.C., Lineberger, W.C. An experimental determination of the geometry and electron affinity of CH_3 8-82860
- Ellison, G.B.** see Engelking, P.C. 8-94282
- Ellison, H.R.** Binary solid-liquid phase equilibria [teaching] 8-89285
- Elmer, M.** Relationship between structural and thermodynamic properties of the phases of the Cu-family in the Tl^{10}B^3 system 8-91307
- Elmory, J.C.** see Zeuthen, T. 8-64967
- Elisaesser, H.W.**, Johnston, H.S. Comment on 'Analysis of the independent variables in the perturbation of stratospheric ozone by nitrogen fertilizers' by Harold S. Johnston [and reply] 8-73505
- Ellsworth, L.D.** see Doyle, B.L. 8-55231, 8-74117
- Ellsworth, R.W.** see Siohan, F. 8-73593, 8-90019
- Ellwanger, U.** Baryon mass splitting by the strong hyperfine interaction and $\text{SU}(3)$ breaking 8-82184
- Ellwood, B.B.**, Noltimier, H.C. Anisotropy of magnetic susceptibility measurements as a coal banding-plane indicator 8-77221

- Ellwood, B.B. *see* Marino, R.J. 8-81152
- Ellzey, M.L., Jr. *see* Herndon, W.C. 8-82615
- Elmanharawy, M.S., Eid, A.H. Further investigations into the luminescence of silver-activated ZnS: CdS phosphors containing nickel and cobalt 8-95611
- Elmanharawy, M.S., Eid, A.H., Kader, A.A. Spectra of europium-doped yttrium oxide and yttrium vanadate phosphors 8-92093
- El'manovich, V.I. *see* Kuksa, L.V. 8-80580
- Elmiger, H.P. *see* Hoegger, B.A. 8-63582
- Elmorsi, M.A. *see* Williams, J.O. 8-95823
- Elmroth, T., Hagberg, E., Hansen, P.G., Hardy, J.C., Jonson, B., Ravn, H.L., Tide-
mand-Petersson, P. Beta-delayed proton emis-
sion from ^{97}Cd and ^{99}Cd 8-86517
- Elovikov, S.S. *see* Spivak, G.V. 8-95985
- Elphic, R.C., Russell, C.T. On the apparent
source depth of planetary magnetic fields
8-57478
- Elsaabee, F. *see* Kausel, E. 8-79216
- Elssasser, K. Proper use of quantum mechanics
in plasma turbulence 8-83566
- Elssasser, K. *see* Schamel, H. 8-91104
- Elsberry, R.L., Camp, N.T. Oceanic thermal
response to strong atmospheric forcing. I.
Characteristics of forcing events 8-92827
- Elsberry, R.L. *see* Camp, N.T. 8-92828
- Elschner, B. *see* Gambeke, T. 8-56377
- Elschner, B. *see* Kempf, B. 8-56252
- Elschner, B. *see* Nickel, H. 8-88085
- Elsender, A., Gallimore, R., Poynton, W.A. The
fatigue behaviour of macroscopic slag inclu-
sions in steam turbo-generator rotor steels
8-64681
- Elsken, J. van der *see* van der Elksen, J.
- Elsken, J. van der *see* Van Der Elksen, J.
- Elsner, J.W., Jarza, A. The wake-flow pattern
behind a row of parallel plates with slot or
surface suction of the flowing medium
8-90909
- Elsner, N.B. *see* Trester, P.W. 8-55026
- Elsokkary, I.H. Contamination of roadside soils
and plants near highway traffic with Cd, Ni,
Pb and Zn in Alexandria district, Egypt
8-81171
- Elson, L.S. Barotropic instability in the upper
atmosphere of Venus 8-89091
- Elssner, G. *see* Padst, R. 8-76826
- Elst, E.W. UVB photometric observations of SX
PHE 8-57561
- Elst, E.W. On a color effect in the light curve
of SX Phoenixis 8-93248
- Elst, H.C. Van *see* Van Elst, H.C.
- Elston, S.B. *see* Laubert, R. 8-84692
- Elston, S.B. *see* Pegg, D.J. 8-78797
- Elston, S.B. *see* Suter, M. 8-78796
- Elston, S.B. *see* Vane, C.R. 8-55222
- El'Takher Ibragim *see* Ibragim El'Takher
El'tayeb, I.A. *see* Mekki, O.EI. 8-77531
- Elton, R.C., Dixon, R.H. Gain-verification prob-
lem in extreme ultraviolet lasing 8-71086
- Elton, R.C. *see* Reintjes, J.F. 8-79447
- El'toukhy, A.H., Greene, J.E. Ion-bombard-
ment-enhanced diffusion during the growth of
sputtered superlattice thin films 8-87882
- Elumalai, K., Radhakrishnan, M. Influence of
atomic mass on the Coriolis coupling constant
in some XY_6 -type molecules. I. XCl_6
8-66684
- Elvekjaer, F. *see* Eichmann, G. 8-82224
- Elverhaug, N. *see* Albrow, M.G. 8-58214
- Elving, P.J. *see* Cummings, T.E. 8-73045
- Elvis, M. *see* Ward, M.J. 8-89273
- Elvius, A. Polarization of light in the Seyfert
galaxy NGC 1068 8-54046
- Elvius, A. Magnetic fields in galaxies as
revealed by the polarization of light 8-69872
- Elvius, A.M. *see* Boksenberg, A. 8-96540
- Elwany, M.H.S., Barr, A.D.S. Some optimization
problems in torsional vibration 8-83288
- Ellwell, D. Priorities in the initial use of Space-
lab for crystal growth 8-52647
- Ellwell, D., Poinson, A.J. Physics for engineers
and scientists, 2nd edition 8-57710
- Ellwell, D. *see* De Mattei, R.C. 8-64486
- Elwenspöck, M., Soltwisch, M., Quitmann, D.
Molecular motion in supercooled glycerol. II.
Temperature dependence from Mossbauer
scattering 8-64301
- Elwert, G., Rausaria, R.R. Scattering of fast
flare electrons in solar atmosphere and their
X-ray spectrum 8-77542
- Elwert, G. *see* Kramer, G. 8-77538
- Elwyn, A.J. *see* Meyer-Schutzmeister, L.
8-70486
- Elwyn, A.J. *see* Sexton, E.H. 8-54759
- Ely, D.J. *see* Phillips, W.D. 8-94309
- Ely, J.F. *see* Holland, P.M. 8-91050
- Ely, R. *see* Borreani, G. 8-82232
- El, R. *see* Chadwick, G.B. 8-66175
- Ely, R. *see* Feller, J.M. 8-66136
- Ely, R. *see* Jaros, J.A. 8-50042
- Ely, R. *see* Scharre, D.L. 8-89723
- Ely, R. *see* Vuillemin, V. 8-93876
- Ely, R.P. *see* Gidal, G. 8-70412
- Ely, R.P. *see* Scharre, D.L. 8-74275
- Elyas, M. *see* Chandra, B.P. 8-64420
- Elyashberg, M.E. *see* Serov, V.V. 8-62941
- El'yashevich, A.M. Methods of computer
simulation of the macromolecular chain con-
formations in polymeric networks and of the
network formation process 8-70994
- Elyashevich, G.K., Baranov, V.G.,
Frenkel, S.Ya. Thermodynamics of crystalliza-
tion of macromolecules of various degrees of
coiling 8-51445
- Elyutin, P.V. Linear susceptibility of a three-
level system in a strong nonmonochromatic
radiation field 8-70877
- Elzain, M.E. *see* Thoulless, D.J. 8-84271
- Elze, Th.W. *see* Kindleben, G. 8-66296
- Em, V.S. *see* Romanovskaya, L.L. 8-64914
- Ema, K. *see* Hamano, K. 8-92031
- Emans, H. *see* Laven, H. 8-66163
- Emanuel, G. Optical Q-branch pumping of the
P- and R-branch transitions in the ν_3 mode
of SF_6 8-90232
- Emanuel, J.H. *see* Hulsey, J.L. 8-71336
- Emasn, H. *see* Bosetti, P.C. 8-70357
- Embleton, T.F.W. *see* Daigle, G.A. 8-83159
- Embury, J.D., LeRoy, G.H. Failure maps
applied to metal deformation processes
8-56718
- Embury, J.D. *see* Green, D.J. 8-72886
- Embury, J.D. *see* Morrison, J. 8-79232
- Emch, G.G., Albeverio, S., Eckmann, J.-P.
Quasi-free generalized K-flows 8-54297
- Emeleus, K.G. Equivalent circuit theory of
stability of some transversely inhomogeneous
discharges 8-51373
- Emeleus, K.G. A note on the Maier-Leibnitz
electron diffusion experiment 8-83516
- Emelianov, B.A. *see* Alexeev, V.L. 8-54721
- Emel'yanchenko, V.G. *see* Anisimov, B.F.
8-53265
- Emelyanenko, G.A. *see* Kopaleishvili, T.I.
8-74405
- Emel'yanenko, V.V. Determining the separation
velocities of the nuclei of Comet Taylor
(1916 I) during its disintegration 8-61812
- Emel'yanov, I.Ya., Filipchuk, E.V.,
Potapenko, P.T., Dunaev, V.G.,
Kuznetsov, N.A. Principles involved in the
design of automatic control systems for the
distribution of energy in channel reactors
8-82475
- Emel'yanov, I.Ya., Volod'ko, Yu.I.,
Postnikov, V.V., Steklov, V.O., Uvarov, V.I.
Measurement of the sensitivity of neutron
detectors with silver emitter during long
service in reactor 8-86644
- Emel'yanov, S.M. *see* Galyamov, B.Sh. 8-91735
- Emel'yanov, V.I. Influence of high-power visible
and infrared laser radiation on structural
phase transitions in crystals 8-71825
- Emel'yanov, V.I. Spatial and temporal oscilla-
tions of stimulated Raman scattering in satu-
rated optical phonon generation 8-87099
- Emel'yanov, V.I. *see* Akhmanov, S.A. 8-50865
- Emel'yanov, V.M. *see* Volkov, N.G. 8-89847
- Emel'yanova, N.I. *see* Buzhinskii, I.M. 8-87113
- Emerick, J.O. *see* Ingling, C.R., Jr. 8-65028
- Emerson, J.P., Jennings, R.E. Infrared excess
and ionized He abundance in H II regions
8-86000
- Emerson, L.C. *see* Clausen, R.E. 8-94131,
8-95635
- Emery, A.F. *see* Kobayashi, A.S. 8-67111
- Emery, M.W. *see* Duldig, M.L. 8-69913
- Emery, R.M., Klopfer, D.C., McShane, M.C.
The ecological export of plutonium from a
reprocessing waste pond 8-53533
- Emery, V.J., Axe, J.D. One-dimensional fluctua-
tions and the chain-ordering transformation in
 $\text{Hg}_{1-x}\text{AsF}_6$ 8-59923
- Emery, W.J. *see* Sievers, H.A. 8-85579
- Emi, T. *see* Haida, O. 8-71836
- Emigh, R.A. *see* Shastry, S. 8-82338
- Emilenko, A.S. *see* Baiker, M. 8-88916
- Emiliani, C. The cause of the ice ages 8-53715
- Emilson, S.O. Reducing noise from air ejectors
[manufacturing processes] 8-90600
- Eminov, P.A. *see* Borisov, A.V. 8-49991
- Eminov, P.A. *see* Zhukovskii, V.Ch. 8-78159
- Emiraliyev, A., Yamin, I.I. A neutron-diffraction
study of the structure of hydrosodalite
8-95039
- Emiryan, L.M. *see* Bairamov, A.I. 8-60338
- Emling, H. *see* Bokemeyer, H. 8-54793
- Emma, V. *see* Bellini, V. 8-82399
- Emmel, R.H., Sotera, J.J., Leighty, D.A.,
Kahn, H.L. Applications of a two-channel
atomic absorption spectrophotometer
8-56926
- Emmenegger, P.F. *see* Cuoni, B. 8-60443
- Emmer, B. *see* Kornreich, P.G. 8-64480
- Emmer, I. *see* Eckertova, L. 8-52604
- Emmerlich, A., Gerlich, G., Kagermann, H.
Particle motion in stochastic force fields
8-73928
- Emmerrmann, R. *see* Dietrich, V. 8-65254
- Emmerson, G.S., Snoek, C.W. The effect of
pressure on the Leidenfrost point of discrete
drops of water and Freon on a brass surface
8-87784
- Emmert, G.A. *see* Grubb, D.P. 8-63558
- Emming, J.G. *see* Goldberg, R.A. 8-61608
- Emmtho, B., Fried, Th., Braun, M. Angular dis-
tributions of sputtered Mo and Ag during
 He^+ and Ar^+ ion bombardment 8-95624
- Emms, M.J., Kinson, J.B., Stacey, B.J.,
Votruba, M.F., Woodworth, P.L., Bell, I.G.,
Dale, M., Evans, D., Major, J.V.,
Wagstaffe, C.J., Charlesworth, J.A.,
Crennell, D.J., Sekulin, R.L. Cross-sections for
strange particle production in π^+d interactions
8-89734
- Enrich, R.J., Frenkiel, F.N., Dorfman, J.R.,
Griffith, W.C., Veronis, G. Thirty years of
fluid dynamics 8-89290
- Emrick, R.M. Random sink model for vacancy
loss during quenching 8-60698
- Emrick, R.M. Vacancy loss during quenching of
low dislocation density crystals 8-75656
- Ems, S.C. *see* Corcoran, M.D. 8-50054
- Emsallem, A., Asghar, M., Wagemans, C.,
D'hondt, P. Search for the (n_{th} , α) reaction
on ^{180}Hf , ^{181}Ta and ^{209}Bi 8-66284
- Emsallem, A. *see* Andersson, G. 8-89878
- Emsallem, A. *see* Asghar, M. 8-94012
- Emsallem, A. *see* D'hondt, P. 8-78425
- Emsley, J.W., Luckhurst, G.R., Gray, G.W.,
Mosley, A. Determination of the ordering
matrix for 4-cyano-4'-pentyl-d $_{11}$ -2',3',5',6'-
d $_4$ -biphenyl from proton dipolar couplings
8-63671
- Emslie, A.G. The collisional interaction of a
beam of charged particles with a hydrogen
target of arbitrary ionization level 8-93095
- Emslie, A.G., Brown, J.C., Donnelly, R.F. The
inter-relationship of hard X-ray and EUV
bursts during solar flares 8-61845
- Emslie, A.G., Noyes, R.W. The characteristics
of impulsive solar EUV bursts 8-77539
- Emslie, A.G. *see* Brown, J.C. 8-81655
- Emslie, R.F. Elsonian magmatism in Labrador:
age, characteristics and tectonic setting
8-73365
- Emslie, R.F. *see* Meyers, R.E. 8-61411
- Entage, P.R. Interaction of magnetostatic waves
with a current 8-84403
- Entage, P.R., Gorman, J.G., Heberlein, J.V.R.,
Holmes, F.A., Kimblin, C.W., Slade, P.G.,
Voshall, R.E. The interaction of vacuum arcs
with transverse magnetic fields 8-75468
- Emtsev, V.V. *see* Dostkhodzaev, T.N. 8-71759
- Emura, T. *see* Hamatsu, R. 8-66141
- Enami, K., Nanno, S., Nagasawa, A. On the
premartensitic transformation in the Ni-Al β_1
alloy: Reply to the comment by A. Lasalmo-
nie 8-76645
- Enami, K. *see* Nagasawa, A. 8-68692
- Enck, R., Jr. *see* Bardas, D. 8-93110
- Enckevort, W.J.P. Van *see* Van Enckevort,
W.J.P.
- Encrenaz, P.J. *see* Combes, F. 8-65689
- Encrenaz, P.J. *see* Falgarone, E. 8-57617
- Encrenaz, P.J. *see* Lucas, R. 8-61906
- Endean, V.G. Ball lightning 8-88900
- Enden, L. Van den *see* Van den Enden, L.
- Ender, A.Ya. *see* Babanin, V.I. 8-51382,
8-67426
- Ender, A.Ya. *see* Kaplan, V.B. 8-71551
- Ender, A.Ya. *see* Kuznetsov, V.I. 8-79433
- Enderby, J.E. The thermoelectric power of
liquid transition metals and their alloys
8-91675
- Enderby, J.E. *see* Neilson, G.W. 8-79518
- Enderlein, R., Hummel, R.E., Andrews, J.B.,
Nastasi-Andrews, R.J., Shanley, C.W. Inter-
pretation of compositional modulation spectra
to determine some optical properties of alloys
8-76491
- Endert, H., Melle, W., Pantel, Ch. Influence of
surface finish and surface defects on damage
threshold of KDP-crystals by irradiation with
ruby laser 8-59058
- Endo, H. *see* Tsuji, K. 8-51976, 8-87959
- Endo, I. *see* Baba, K. 8-93987
- Endo, I. *see* Berglund, A. 8-66160
- Endo, K., Goto, H. Effects of environment on
fretting fatigue 8-92407
- Endo, R., Kimura, T. On the functional measure
for quantum gravity in the light-core gauge
8-73914
- Endo, R. *see* Nakamura, K. 8-55803
- Endo, S. *see* Mishima, O. 8-67812
- Endo, T. Notes on the repeated shear stress
induced permanent strain of steels 8-64691
- Endo, T. *see* Shida, K. 8-74027
- Endo, Y. Electron-paramagnetic-resonance spec-
trum of a spin system with weak exchange
couplings 8-64258
- Endo, Y., Akitaya, E. Glide mechanism of a
snow cover on a slope covered with bam-
boo-bushes 8-88857
- Endo, Y. *see* Akitaya, E. 8-88858
- Endo, Y. *see* Hirota, E. 8-74646
- Endo, Y. *see* Nishizawa, K. 8-55042
- Endoh, H. *see* Hashimoto, H. 8-83670
- Endoh, M. *see* Matsumura, I. 8-53362
- Endoh, Y., Noda, Y., Ishikawa, Y. Lattice vibra-
tions in ferromagnetic Invar alloys 8-91403
- Endoh, Y. *see* Ajiro, Y. 8-84389
- Endorf, R. *see* Bell, J. 8-54625, 8-93872,
8-93873

- Endrenyi, S., Palancz, B.** The effect of the stochastic perturbation on heat and mass transfer processes 8-94546
- Endres, G.W.R.** *see* Cross, F.T. 8-65134
- Endres, H., Keller, H.J., Moroni, W., Nothe, D., Vu Dong** Crystal and molecular structure and EPR properties of the 1:2 radical salt tetraammineplatinum(II) 7,7,8,8-tetracyanoquinodimethanide, $[\text{Pt}(\text{NH}_3)_4]^{2+}[(\text{TCNQ})_2]^{2-}$ 8-55860
- Endres, H., Keller, H.J., Moroni, W., Nothe, D., Vu Dong** The 1:3 radical salt bis(2,2'-dipyridyl)platinum(II)-7,7,8,8-tetracyanoquinodimethane, $[\text{Pt}(\text{dipy})_2]^{2+}[\text{TCNQ}]_2^{2-}$ 8-63741
- Endt, P.M.** *see* Maas, J.W. 8-66205, 8-66206
- Enenshtein, B.S.** On anomalous bands of high conduction found inside crystalline foundation 8-96137
- Enescu, D.** *see* Muller, G. 8-65201
- Eng, R.S., Petagna, G., Nill, K.W.** Ultrahigh (10^{-4} cm^{-1}) resolution study of the 8.2- μm and 11.3- μm bands of H_2SO_4 : accurate determination of absorbance and dissociation constants 8-70825
- Eng, S.T.** *see* Eklund, H. 8-92977
- Eng, S.T.** *see* Johansson, J. 8-92971
- Engel, H.** *see* Bolton, C. 8-82405
- Engel, H.A.** *see* Hallock, J.N. 8-93944
- Engelbreton, A.M.** *see* Monsen, R.B. 8-92650
- Engedal, H.** *see* Saetersdal, T.S. 8-53593
- Engel, A.** *von* *see* von Engel, A.
- Engel, A.R., Coe, M.J.** The high energy X-ray detector on the Ariel-5 satellite 8-53826
- Engel, A.R.** *see* Coe, M.J. 8-73774, 8-81707
- Engel, J., Jr., Jerrett, S., Niedermeyer, E., Schenk, G., Gucer, G., Burnite, R.** 'Limbic spindles': a re-appraisal 8-69036
- Engel, J.L.** *see* Chase, S.C., Jr. 8-57440
- Engel, J.M.** Quantitative thermology in rheumatology 8-92684
- Engel, M., Siefert, E., Walter, R.** Integral leakage rate tests of containments 8-89956
- Engel, P.A.** Percussive impact wear. A study of repetitively impacting solid components in engineering 8-94623
- Engel, P.S.** Magnetic stirrer with no external moving parts 8-93666
- Engel, R.R., Patzold, F.** A portable equipment for artefact-reduced routine measurement of amplitude and frequency of finger tremors 8-85407
- Engel, T.** A molecular beam investigation of He, CO, and O_2 scattering from Pd(111) 8-79878
- Engel, T., Ertl, G.** A molecular beam investigation of the catalytic oxidation of CO on Pd(111) 8-88656
- Engel, U., Hubner, H.** Strength improvement of cemented carbides by hot isostatic pressing (HIP) 8-84969
- Engel, W., Charbit, P.** Thermal analysis of ammonium nitrate by energy-dispersive X-ray diffraction 8-91440
- Engel, Y.M., Hagler, A.T.** Use of the Gaussian-70 molecular orbital and electron density programs 8-70742
- Engel, Z., Lopatowa, H.** Selection of shock-absorbers for passive vibration isolation 8-55556
- Engelberger, J.F.** The artificial appendage game 8-53582
- Engelbertink, G.A.P.** *see* Eggenhuisen, H.H. 8-58250, 8-89787
- Engelbrecht, B.** High performance low pressure chromatography, an alternative to HPLC 8-80801
- Engelbrecht, J.** *see* Beevers, C.E. 8-51067
- Engelen, B., Schneider, F.** Phase diagrams and X-ray studies of the induced smectic phases of liquid crystal mixtures 8-94995
- Engelen, B., Schneider, F., Heppke, G., Hopf, R.** Induced smectic phases 8-94987
- Engelen, J.** *see* Dionisi, C. 8-89735
- Engelen, J.J.** *see* Gavillet, P. 8-70409
- Engelen, J.J.** *see* Gavillet, Ph. 8-89736
- Engelen, J.J.** *see* Jongejan, B. 8-78177
- Engelfriet, D.W., Groeneveld, W.L.** 1,2,4-triazole complexes. IV. Magnetic properties of manganese (II) (1,2,4-triazole)₂ (NCS)₂, a two-dimensional Heisenberg antiferromagnet 8-72336
- Engelgardt, G.R.** *see* Krylov, V.S. 8-64848
- Engelhardt, A., Grell, H., Scharbach, H., Kooke, D.** Research criteria in the development of biocompatible implants for prevention of fracture 8-77155
- Engelhardt, R.** *see* Bergmann, K. 8-62887
- Engelke, R.** Diatomic molecule vibrational potentials: Accuracy of representations 8-66531
- Engelking, P.C., Ellison, G.B., Lineberger, W.C.** Laser photodetachment electron spectrometry of methoxide, deuteromethoxide and thiomethoxide: electron affinities and vibrational structure of CH_3O , CD_3O , and CH_3S 8-94282
- Engelking, P.C.** *see* Ellison, G.B. 8-82860
- Engelmann, F., Nocentini, A.** Anomalous transport in toroidal geometry 8-79453
- Engels, E.** A method for the computation of a Lagrangian within the context of the inverse problem of Newtonian mechanics 8-89329
- Engels, E., Jr.** *see* Herbert, M.L. 8-54631
- Engels, J., Satz, H.** Resonance production and the approach to Feynman scaling 8-78152
- Engels, J., Schilling, K.** Dynamical and Bose-Einstein correlations of centrally produced pion pairs in hadron-hadron collisions 8-62463
- Engels, R.C., Meirovitch, L.** Response of periodic structures by modal analysis 8-63360
- Engelsberg, S.** Quasiparticle picture for the de Haas-van Alphen effect 8-91592
- Engelse, W.A.H.** *see* Vinke, R.V.H. 8-81051
- Engelsht, V.S.** *see* Asanaliyev, M.K. 8-71556, 8-94903
- Engelsht, V.S.** *see* Detsyatkov, G.A. 8-71584
- Engelstein, P.** *see* Coffin, J.P. 8-66311
- Engelstein, P.** *see* Oeschler, H. 8-82382
- Engelund, F.** Theory of the surface buoyant jet 8-90954
- Engemann, D., Fischer, R., Knecht, J.** Photoluminescence in the amorphous system $\text{Si}_3\text{C}_{1-x}$ 8-68541
- Engen, G.F.** Advances in microwave measurement science 8-57984
- Engen, P.G.** *van see* van Engen, P.G.
- Engvik, L.** On the applicability of Howard's formula 8-55622
- Engin, H., Suhubi, E.S.** Torsional oscillations of an infinite cylindrical elastic tube under large internal and external pressure 8-79249
- England, A.H., Shail, R.** Orthogonal polynomial solutions to some mixed boundary-value problems in elasticity. II 8-54193
- England, J.** The glacial geology of northeastern Ellesmere Island, N.W.T., Canada 8-77233
- England, J., Bradley, R.S.** Past glacial activity in the Canadian high Arctic 8-81236
- England, J.B.A.** *see* Roman, S. 8-54769
- England, J.B.A.** *see* Sanderson, N.E. 8-70683
- England, J.B.A.** *see* Vlastou, R. 8-78400
- England, P.C.** Some thermal considerations of the Alpine metamorphism—past, present and future 8-61373
- England, P.C., Kennett, B.L.N., Worthington, M.H.** A comparison of the upper-mantle structure beneath Eurasia and the North Atlantic and Arctic Oceans 8-85506
- England, W.** *see* Etters, R.D. 8-83914
- England, W.B.** Theoretical studies of MHD plasma molecules. I. Potential energy curves and dipole moments of linear KOH 8-71462
- Englander, M.** *see* Wagner, F. 8-52849
- Englander, S.W.** *see* Behe, M.J. 8-76983
- Engle, J.L.** Broadband transmit/receive circuit for NMR 8-89520
- Engleman, D.M.** *see* Chrichton, R.R. 8-77021
- Engleman, R.** *see* Loree, T.R. 8-55211
- Engler, A., Keyes, G.S., Craemer, R.W., Tanaka, M., Cho, Y., Derrick, M., Lissauer, D., Miller, R.J., Schlereth, J.** Measurement of the f_+ form factor in $K_L^0 \rightarrow \pi^+ e^- \nu$ decays using a large hydrogen bubble chamber 8-93875
- Engler, A.** *see* Derrick, M. 8-82197
- Engler, E.M., Patel, V.V., Andersen, J.R., Schumaker, R.R., Fukushima, A.A.** Organic metals, Systematic molecular modifications of hexamethylenetetrahydrofulvalene donors 8-91680
- Engler, E.M.** *see* Kagoshima, S. 8-75795
- Engler, E.M.** *see* Scott, J.C. 8-56287
- Engler, S., Ellerbrok, R.** Contribution of the formation of the cast structure in continuous casting 8-92256
- Englert, D., Edwards, C.** Effect of increased potassium concentrations on particle motion within a neurosecretory structure 8-77046
- Englert, F., Windey, P.** Electric confinement and magnetic superconductors 8-58157
- Englert, G.W., Patch, R.W., Reinmann, J.J.** Model for interpreting Doppler broadened optical line emission measurements on axially symmetric plasmas 8-75276
- Englert, T., Landwehr, G., Von Klitzing, K., Dorda, G., Gesch, H.** Surface quantum oscillations in silicon (100) inversion layers under uniaxial pressure 8-60228
- Englert, T., Von Klitzing, K.** Analysis of p_{xx} minima in surface quantum oscillations on (100) n-type silicon inversion layers 8-60215
- Englert, Th., Landwehr, G., von Klitzing, K., Dorda, G., Gesch, H.** Surface quantum oscillations in silicon (100) inversion layers under uniaxial pressure 8-88041
- Englert, W.** *see* Heiland, W. 8-71949
- Englich, J.** A new pulse NMR spectrometers [with digital control] 8-77952
- English, A.T., Miller, G.L., Robinson, D.A.H., Dodd, L.V., Chynoweth, T.** Pulse nonlinearity measurements on thin conducting films 8-56242
- English, C.A., Eyre, B.L., Holmes, S.M., Perrin, R.C.** Theoretical and experimental images of small dislocation loops in BCC materials 8-83823
- English, C.A.** *see* Jenkins, M.L. 8-83852
- English, D.R.** The invariance of gravity mass 8-57778
- English, D.R.** The gravitational analogue to magnetism 8-65851
- English, J.C.** *see* Gaarenstroom, P.D. 8-92527
- English, J.H.** *see* Bondybey, V.E. 8-66637, 8-70868, 8-94271
- English, M.R.** *see* Frank, L.A. 8-85801
- Englman, R.** *see* Zunger, A. 8-51932
- Engoyan, S.S.** *see* Gorobets, B.S. 8-72597
- Engquist, B., Gustafsson, B., Vreeburg, J.** Numerical solution of a PDE system describing a catalytic converter 8-67281
- Engquist, B.** *see* Clayton, R. 8-59320
- Engstrom, H.** Characterisation of molecular defects in crystals by polarisation analysis of resonance Raman scattering: Metastable O_2^* in γ -irradiated NaClO_3 8-60432
- Engstrom, H.** *see* Khan, S.M. 8-72584
- Engstrom, L.** *see* Hult, S. 8-55228
- Engstrom, L.** *see* Ishii, K. 8-78798
- Engstrom, S., Wennerstrom, H.** Nuclear quadrupole coupling and molecular deformations 8-90191
- Engstrom, S.** *see* Karlstrom, G. 8-78831
- Engvall, J.L., Tubbs, J.D., Holmes, Q.A.** Pattern recognition of Landsat data based upon temporal trend analysis 8-65440
- Enikolopyan, N.S.** *see* Zhorin, V.A. 8-51678
- Enikova, M.** *see* Adam, I. 8-78261
- Enjalbert, A.** *see* Barthelemy, R. 8-61282
- Enjoji, H., Suck Hee Be, Yano, K.** Tailoring of specific sizes of cluster ions for producing intense negative ion beams 8-87006
- Enk, J.E.** *Van Den see* Van Den Enk, J.E.
- Enke, C.G.** *see* Holler, F.J. 8-49829
- Enker, M.B., Shmonin, L.I., Kolesov, G.E., Cherevko, V.I.** Analysis of heavy elements through the absorption jump in an interfering element 8-85263
- Ennas, A.E.** *see* Archbold, E. 8-60721
- Ennis, D.** *see* Nadeau, D. 8-93315
- Enns, J.B., Simha, R.** Transitions in semicrystalline polymers. I. Poly(vinyl fluoride) and poly(vinylidene fluoride) 8-51439
- Enns, J.B., Simha, R.** Transitions in semicrystalline polymers. II. Polyoxymethylene and poly(ethylene oxide) 8-51440
- Enochson, L.** Digital techniques in data analysis 8-83193
- Enokizono, M.** *see* Narita, K. 8-76704, 8-82012, 8-91890
- Enomoto, M.** *see* Kunio, T. 8-60831
- Enomoto, T., Ando, R., Morita, H., Nakayama, H.** Thermal oxidation rate of a Si_3N_4 film and its masking effect against oxidation of silicon 8-64749
- Enrique Bernal, G., Winsor, H.V. (editor)** Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.121. Optics in Adverse Environments 8-82976
- Ens, E.Ya.** *see* Mironchik, V.S. 8-78593
- En'shina, N.A., Zlodeeva, K.I., Popov, L.E.** Interaction of reacting dislocations in superstructures of the type CuAu and Pt_2Mo 8-83814
- Enss, V.** Renormalization group limits for Wick polynomials of Gaussian processes 8-54565
- Enss, V.** Asymptotic completeness for quantum mechanical potential scattering. I. Short range potentials 8-81869
- Ensslin, N., Evans, M.L., Menlove, H.O., Sapir, J., Swansen, J.E.** Thermal-neutron coincidence counting of large plutonium samples 8-82444
- Ensue, L.** *see* Dusseau, J.M. 8-64048
- Ensue, L.** *see* Pistoulet, B. 8-79994
- Entel, P., Leder, H.J., Grewe, N.** Phonon induced instabilities in intermediate valence compounds 8-79964
- Entel, P.** *see* Grewe, N. 8-84153
- Entermann, W.** *see* Granzer, W. 8-85452
- Enthoven, N.L.M., Jalink, H.L.** Calibration of and measurements on a rheogoniometer by means of a small computer 8-87323
- Entin, M.V.** *see* Barkan, I.B. 8-95572
- Entin, M.V.** *see* Baskin, E.M. 8-88016
- Entin, R.I.** *see* Golikov, V.M. 8-67850
- Entin, R.I.** *see* Kulemin, A.V. 8-67823
- Entin-Wohlman, O.** *see* Deutscher, G. 8-52161
- Eting, I.G.** A diagrammatic representation of relations between critical exponents 8-57867
- Entov, V.M., Goldstein, R.V.** Variational bounds and qualitative methods in fracture mechanics 8-67134
- Entov, V.M.** *see* Goldstein, R.V. 8-79283, 8-83331
- Entwistle, K.M., Fuller, P., Brough, I.** The internal friction of Al-Si alloys and the nucleation of Si precipitates 8-60690
- Enukova, T.A., Korotkov, V.P., Mikheeva, G.N., Pankratov, N.A., Pitkevich, G.G., Polushkin, Yu.I.** Cryogenic bolometer for the 20-500 μm spectral region 8-70187

- Enustun, B.V.**, Senturk, H.S., Yurdakul, O. Capillary freezing and melting 8-75908
- Enz, C.P.** Fokker-Planck description of Navier-Stokes fluid 8-94632
- Enz, U.** A particle model based on stringlike solitons 8-62294
- Enzweiler, J.** see Sheridan, J.R. 8-66635
- Epain, R.**, Bocquillon, G., Lories, C., Vodar, B. Generation of very high pressures with a sliding-anvil device 8-49849
- Epain, R.** see Bocquillon, G. 8-83940
- Epel'baum, Ya.G.** see Iskol'dskii, A.M. 8-83226
- Epele, L.**, Wanders, G. The manifold of solutions of Roy's S- and P-wave equations for pion-pion scattering: the neighbourhood of the physical amplitudes 8-66154
- Epifanov, M.S.**, Galkin, G.N. Radiative relaxation time of nonequilibrium carriers in gallium arsenide 8-84657
- Epik, E.Ya.** see Dyban, E.P. 8-83371, 8-94713
- Epik, E.Ya.** see Dyban, Ye.P. 8-83366, 8-83480
- Epikhin, V.E.** Flow of swirling annular jets of capillary fluid 8-75180
- Epikhin, V.M.** see Bezotosnyi, I.Yu. 8-68303
- Epina'teva, A.M.** Seismic screening in media with inclined boundaries 8-92794
- Epp, C.D.** Experiment in scientific investigation 8-86066
- Epp, V.Ya.** see Bordovitsyn, V.A. 8-66056
- Eppel, D.** see Palla, G. 8-82327
- Epperson, J.E.**, Furnrohr, P., Ortiz, C. The short-range-order structure of α -phase Cu-Al alloys 8-91303
- Epperson, J.E.** see Kirchgraber, G. 8-83846
- Eppes, T.A.**, Goell, J.E. Optical fiber system transmission considerations 8-59157
- Epple, E.**, Bleicher, W., Apitz, J., Kemter, E. Computer assisted monitoring of infants using transcutaneous pO₂ measuring 8-85432
- Epple, E.** see Bleicher, W.U. 8-88753
- Epple, E.** see Nagel, M. 8-80961
- Eppler, R.A.** Resistance of porcelain enamels to attack by aqueous media. II. Equations to predict enamel durability 8-60853
- Eppler, R.A.**, Hyde, R.L., Smalley, H.F. Resistance of porcelain enamels to attack by aqueous media. I. Tests for enamel resistance and experimental results obtained 8-56788
- Epprecht, W.** see Kaech, G. 8-80552
- Eppe, H.W.** see Gurski, T.R. 8-55406
- Epshtein, E.M.** Solitons in a superlattice 8-72162
- Epshtein, E.M.** Nonlinear anisotropic photoresistive effects in narrow-band semiconductors 8-72202
- Epshtein, E.M.** see Pavlovich, V.V. 8-60148
- Epshtein, G.N.** see Zemskii, S.V. 8-91380
- Epshteyn, L.A.** The hydroplaning of a rotating cylinder on water 8-63522
- Epstein, A.** see Parsignault, D.R. 8-81716
- Epstein, A.** see Schnopper, H.W. 8-65691
- Epstein, A.J.**, Miller, J.S. Band filling and disorder in molecular conductors 8-87968
- Epstein, A.J.** see Ritsko, J.J. 8-52627
- Epstein, G.** see Knoll, R. 8-85796
- Epstein, G.N.** Parity violations in inelastic proton-proton scattering 8-62435
- Epstein, G.N.**, Riska, D.O. (1232) production and the spin dependence of the pp total cross-section 8-62436
- Epstein, G.N.**, Singham, M.K., Tabakin, F. $^{12}\text{C}(\gamma, \pi^-)^{12}\text{N}_{\gamma}$ near threshold 8-50152
- Epstein, G.N.**, Tabakin, F., Vincent, C.M., Gal, A., Kisslinger, L.S. Distorted-wave impulse-approximation evaluation of sum rule for hypernuclear formation in forward (K^-, π^-) 8-70572
- Epstein, H.I.** Circumferential waves for a cylindrical shell supported by a continuum 8-90564
- Epstein, I.R.** see Farazdel, A. 8-55263
- Epstein, M.** see Pinkel, D. 8-73191
- Epstein, M.** see Yim, A. 8-94585
- Epstein, M.S.**, Rains, T.C., O'Haver, T.C. A comparison of factors affecting accuracy in atomic emission and atomic absorption spectrometry using a graphite furnace for trace metal analysis in water 8-69510
- Epstein, R.** The generation of gravitational radiation by escaping supernova neutrinos 8-93092
- Epstein, S.** see Hsueh-Weh Yeh 8-69329
- Epstein, S.E.** see Borer, J.S. 8-80957
- Epstein, V.Sh.** see Asratyan, A.E. 8-62389
- Epworth, R.** see Gobel, E. 8-72591
- Epworth, R.W.** see Hu, E.L. 8-68114
- Er-Kang Wang** see Wang Er-Kang
- Eramzhayan, R.A.** see Batusov, Yu.A. 8-54745
- Eramzhyan, R.A.**, Gmitro, M., Tosunjan, L.A. What new information may the coincidence spectra of the nuclear radiative pion capture provide? 8-86550
- Eramzhyan, R.A.** see Batusov, Yu.A. 8-89855
- Eramzhyan, R.A.** see Kissener, H.R. 8-74408
- Eramzhyan, R.A.** see Sakaev, R.A. 8-89910
- Eraslan, A.H.**, Kim, K.H., Harris, J.L. Thermal impact assessment of multi-power plant operations on estuaries 8-96232
- Eraslan, A.H.**, Lietzke, M.H., Fischer, S.K., Kal-maz, E.V. Simulation of chlorinated water discharges from power plants on estuaries and rivers 8-96250
- Erb, A.** see Lerebours, B. 8-51461
- Erba, E.G.** see Gadioli, E. 8-94042
- Erba, E.** Gadioli see Gadioli Erba, E.
- Erbacher, J.K.** see Hussey, C.L. 8-56939
- Erbe, E.F.** see Steere, R.L. 8-49810
- Erbeia, A.** see Delannoy, D.D. 8-56367
- Erben, A.**, Hultsch, E. Enhancement of the measuring accuracy of the two-coordinate-measuring devices manufactured by the VEB Carl Zeiss JENA by calibration using precision gauge blocks 8-89433
- Erber, J.** see Menzel, R. 8-69264
- Erber, T.** see Rynne, T.M. 8-62998
- Erbudak, M.** see Gubanov, V.A. 8-64442
- Erdelyi, L.** see Tomiska, J. 8-51707
- Erdle, E.**, Mohwald, H. Coupling of rotational modes in a phase transition of a charge-transfer crystal 8-71827
- Erdman, K.** see Auld, E.G. 8-90111
- Erdmann, J.C.**, Gellert, R.L. Recurrence rate correlation in scattered light intensity 8-66760
- Erdmann, W.A.** see Fry, F.J. 8-69135
- Erdogan, F.**, Terada, H. Wedge loading of a semi-infinite strip with an edge crack 8-79270
- Erdogan, F.** see Civelek, M.B. 8-87307
- Erdogan, F.** see Gecit, M.R. 8-83341, 8-90791
- Erdos, E.** see Cullinan, W.L. 8-69108
- Erdos, P.**, Razafimandimb, H.A. Effect of crystalline field and screening of uranium ions 8-72119
- Erdreich, J.** A simple stimulus generator for evoked response studies 8-57011
- Eremeev, A.E.** A 2.6 GPa free-piston gauge 8-54385
- Eremeev, M.A.**, Neshpor, V.S., Novikov, A.B., Skaletskaya, N.A., Steanovskaya, E.M., Fedorinov, V.P. Effect of vacancies in the metallic sublattice of zirconium nitride on thermionic emission in cesium vapor 8-68597
- Eremeev, M.A.** see Dul'nev, G.N. 8-63261
- Eremeev, V.M.** see Batrakov, G.F. 8-77282
- Eremeev, V.S.** Influence of concentration-induced stresses on diffusion 8-55969
- Eremenko, S.P.**, Sandulov, D.B. The luminescence spectra of oxide films in a metal-oxide electrolyte (MOE) system 8-76539
- Eremenko, V.A.** see Smol'skii, B.M. 8-59473
- Eremenko, V.N.**, Lesnik, N.D., Ivanova, T.S. Contact reactions of the iron-group metals with aluminium-base melts 8-60879
- Eremenko, V.N.**, Semenova, E.L., Shtepa, T.D. Influence of rhodium, iridium, and osmium on the polymorphic ($\alpha \rightleftharpoons \beta$) transformation of zirconium 8-80540
- Eremenko, V.N.**, Shabanova, S.V., Velikanova, T.Ya. Structure of alloys and the phase equilibrium diagram of the system Hf-Mo-C. V. Isothermal section of the system Hf-Mo-C at 1700°C 8-68674
- Eremenko, V.V.** see Dokashenko, V.P. 8-95589
- Eremenko, V.V.** see Kharchenko, N.F. 8-56456
- Eremias, B.** Topical problems of corrosion research for requirements of the nuclear power generation industry 8-62598
- Eremias, B.**, Fresl, M. Influence of the chemical composition of austenitic stainless steels on their corrosion behaviour in high-temperature sodium 8-80675
- Eremin, B.G.** see Brzhinev, M.P. 8-75320
- Eremin, G.P.** see Povkh, I.L. 8-57345
- Eremin, M.V.**, Kornienko, A.A. Technique for allowing for charge transfer in the effective Hamiltonian method 8-68001
- Eremin, V.K.** see Votinov, P.A. 8-78592
- Eremina, I.V.** see Gaponov, V.A. 8-63156
- Eremina, M.I.** see Dekanenko, V.M. 8-56643
- Eremko, A.A.** see Davydov, A.S. 8-68990
- Erenburg, E.G.** see Piskareva, E.P. 8-73042
- Erents, S.K.** see Braganza, C.M. 8-79645, 8-95095, 8-95939
- Eres'ko, I.N.** see Berkhoer, I.D. 8-74003
- Erez, G.**, Kimhi, D., Livnat, A. Double axis, two-crystal X-ray spectrometer 8-66023
- Erez, G.** see Smilanski, I. 8-50790
- Erez, G.** see Tenenbaum, J. 8-66806, 8-82955
- Erez, J.** see Wolfson, N. 8-92920
- Erf, R.K.**, Gagosz, R.M., Stetson, K.A., Waters, J.P. Pulsed holography at the test stand. The nondestructive evaluation and analysis of structures 8-60977
- Ergma, E.**, Vilhu, O. Carbon shell flash in a 9 M_☉ star 8-89170
- Ergma, E.V.** see Bessonov, O.A. 8-61722
- Ergoiz, I.D.M.A.** Calculation of static fields in inhomogeneous anisotropic medium 8-81837
- Ergun, D.L.** see Siedband, M.P. 8-69207
- Ergur, H.S.** see Kakac, S. 8-94809
- Erickson, J.L.** Bending a prism to helical form 8-55558
- Erickson, E.F.**, Goorvitch, D., Simpson, J.P., Strecker, D.W. Far infrared spectrophotometry of Jupiter and Saturn 8-85890
- Erickson, E.F.** see Goebel, J.H. 8-65619
- Erickson, E.F.** see Pollack, J.B. 8-53850
- Erickson, E.F.** see Scargle, J.D. 8-93257
- Erickson, E.F.** see Tokunaga, A.T. 8-93372
- Erickson, K.N.** see Walker, R.J. 8-77428
- Erickson, N.E.** ESCA studies of the clean Si (111) surface 8-52640
- Erickson, N.E.** Electron spectroscopy for chemical analysis 8-68947
- Erickson, N.R.** A 0.9 MM heterodyne receiver for astronomical observations 8-93116
- Erickson, N.R.** see Fetterman, H.R. 8-77958
- Erickson, R.** see Cohen, I. 8-66123
- Erickson, W.C.**, Matthews, T.A., Viner, M.R. 26.3 MHz radio source survey. III. Correlation with extragalactic X-ray sources 8-65707
- Ericson, D.M.**, Jr. see McGrath, P.E. 8-50284
- Ericson, M.**, Delorme, J. Nuclear critical opalescence, a precursor to pion condensation 8-62498
- Ericson, M.**, Delorme, J. Nuclear critical opalescence, a precursor to pion condensation 8-82303
- Ericson, T.E.O.** Frontiers in nuclear physics 8-70427
- Ericsson, L.E.**, Reding, J.P. Viscous interaction or support interference—the dynamicist's dilemma 8-71363
- Ericsson, T.**, Haggstrom, L., Wappling, R. Spin rotation in Fe₂SiB₂ 8-52409
- Ericsson, T.** see Haggstrom, L. 8-68415
- Eriksen, C.C.** Measurements and models of fine structure, internal gravity waves, and wave breaking in the deep ocean 8-85578
- Eriksen, F.** see Morgan, T.J. 8-58777
- Eriksen, F.J.**, Jaacks, D.H. He(3P) excitation in 1.5- and 3.0-keV He⁺+H₂ collisions 8-66658
- Erikson, K.** Pulse-echo transducer standardization 8-73181
- Eriksson, A.**, Lindgren, J. Model calculations of the vibrations of bonded water molecules 8-75741
- Eriksson, A.J.**, van Niekerk, H.R., Bourn, G.W., van Zyl, B.B. Lightning ground-flash multiple-stroke discriminator 8-81446
- Eriksson, K.** A finite element method analysis of an elastic-plastic solid containing holes in the vicinity of a crack tip 8-67147
- Eriksson, K.B.S.** Observed transitions between the levels of the ground configuration in Si 8-50489
- Eriksson, K.E.** see Alvegard, C. 8-49746
- Eringen, A.C.** Line crack subject to shear 8-79268
- Eringen, A.C.**, Balta, F. Screw dislocation in non-local hexagonal elastic crystals 8-59807
- Eringen, A.C.**, Spiale, C.G., Kim, B.S. Crack-tip problem in non-local elasticity 8-51125
- Eringen, A.C.** see Demiray, H. 8-51268
- Eringen, A.C.** Cemal see Cemal Eringen, A.
- Eristavi, B.G.** see Shevakin, A.F. 8-56400
- Eristavi, I.V.** see Povince, P. 8-74544
- Eritenko, A.N.**, Volkov, V.F. Spectral distribution of X-ray braking radiation when electrons pass through a material 8-56538
- Eritsyian, O.S.** Optical properties of magnetic crystals with a natural optical activity 8-60415
- Eriyave, M.** see Bohm, J. 8-80948
- Eriyave, M.** see Djalilo, B. 8-80947
- Erk, W.** Van see Van Erk, W.
- Erkenov, N.Kh.** see Petrusenko, E.I. 8-84229
- Erkins, J.H.** see Williamson, R.H. 8-81386
- Erikila, B.H.** see Plasil, F. 8-54797
- Erkoc, S.**, Okusz, I. S autoionizing states of H⁻ 8-90130
- Erkoc, S.** see Fakioglu, S. 8-91875
- Erlandson, A.C.** see Cool, T.A. 8-90114
- Erlandson, R.**, Birkholz, U., Karlsson, S.-E. Study of Si₂Te₂ surface reactions with Auger electron spectroscopy 8-63931
- Erlandson, R.** see Petersson, L.-G. 8-68603
- Erleksova, G.E.** see Prokof'eva, V.V. 8-57697
- Erlenwein, P.** On a relationship between the symmetries of faceted cones on ion bombarded single-crystal faces and ejection patterns 8-64439
- Erley, W.**, Wagner, H. Thermal decomposition of CO on a stepped Ni surface 8-71984
- Erlikh, L.I.** see Ataullakhanov, F.I. 8-53354
- Erlings, J.G.**, Schapink, F.W. Dislocation networks in twin boundaries 8-51556
- Ermachenko, V.M.** see Vdovin, Yu.A. 8-50511
- Ermak, D.L.**, McCammon, J.A. Brownian dynamics with hydrodynamic interactions 8-91209
- Ermakov, A.E.** see Tsurin, V.A. 8-92258
- Ermakov, A.G.**, Isaev, I.L., Lomanov, Yu.P., Urikov, A.P. On the problem of digital filtration of non-stationary hydrophysical processes on the real time scale 8-65425

- Ermakov, I.A.**, Saltykova, L.M., Chervyakov, A.M. Semiautomatic device for measuring the relative distributions of doses of ionising radiation 8-85380
- Ermakov, O.N.** see Andreev, V.N. 8-74413
- Ermakov, O.N.** see Vavilov, V.S. 8-72613
- Ermakov, V.N.**, Nitsovich, V.M., Tkach, N.V. Exciton absorption in extrinsic CdS doped with Cl 8-72569
- Ermakova, L.V.** see Chizhikov, V.A. 8-71192
- Ermakova, T.N.** see Vladimirov, L.V. 8-95893
- Ermakovich, K.K.**, Lazukin, V.N., Tatarintsev, V.M., Chepeleva, I.V. Low-temperature induced centers in stabilized ZrO₂ and HfO₂ single crystals 8-72409
- Erman, B.**, Flory, P.J. Theory of elasticity of polymer networks. II. The effect of geometric constraints on junctions 8-75711
- Erman, P.**, Hult, S. Trapping of non-resonance radiation in atoms and its influence on measured lifetimes of the 4p and 5p levels in Ar I 8-62766
- Erman, P.** see Bromander, J. 8-50506
- Erman, P.** see Brzozowski, J. 8-62864
- Erman, P.** see Carlson, T.A. 8-78699
- Erman, P.** see Duric, N. 8-78756
- Ermilova, D.I.**, Filippova, V.V., Samojlov, V.V., Temiraliyev, T., Batyunya, B.V., Boguslavsky, I.V., Gramenitsky, I.M., Lednicky, R., Tikhonova, L.A., Valkarova, A., Vrba, V., Zlatanov, Z., Ervanne, J., Han-nula, E., Ljung, S., Orava, R., Villanen, H., Villanen, P., Patocka, J., Dementiev, R.K., Leikin, E.M., Garanina, T., Pozhidaeva, N.A., Rud, V.I., Zacek, J., Cvach, J., Herynek, I., Reimer, P., Simak, V. Inclusive p⁰ production in pp interactions at 22.4 GeV/c 8-62468
- Ermilova, D.I.** see Dzhambusina, M. 8-89762
- Ermilova, V.K.**, Chechin, V.A. Energy fluctuations of transition radiation 8-62681
- Erminio, F.** see Boccato, C. 8-57115
- Ermler, W.C.**, Lee, Y.S., Pitzer, K.S., Winter, N.W. Ab initio effective core potentials including relativistic effects. II. Potential energy curves for Xe₂, Xe₂⁺, and Xe₂^{*} 8-86800
- Ermler, W.C.** see Muliken, R.S. 8-90080
- Ermokhin, N.V.**, Kovalev, B.M., Kulik, P.P., Ryabyi, V.A. Temperature dependence of electrical conduction of dense cesium plasma obtained by pulse isobaric ohmic heating 8-71442
- Ermolaev, A.M.** see Berner, Kh. 8-68007
- Ermolaev, G.N.** see Kurdyumov, V.G. 8-56695
- Ermolaev, I.K.** see Leont'ev, A.I. 8-83469
- Ermolaev, O.P.** see Dobrego, V.P. 8-56106, 8-56107
- Ermolaev, V.N.** see Chernysheva, Yu.P. 8-56659
- Ermolaev, V.V.**, Topkaev, A.V., Morzhakov, A.V. Fatigue life of boring bars 8-53034
- Ermolenko, A.S.**, Rozhda, A.F. Magnetocrystal-line anisotropy of Sm_{1-x}Nd_xCo₅ alloys 8-91863
- Ermolenko, B.I.** Method of determining endurance over a wide range of load asymmetry 8-56836
- Ermolenko, V.A.** see Bugrova, A.I. 8-79475
- Ermolov, I.I.**, Ryzhov-Nikonov, V.I. Theory of the operation of piezoelectric probes in ultrasonic defectoscopes. II. Results of studies concerning the electroacoustic channel in an echo-type defectoscope 8-53156
- Ermolov, I.N.** Current trends in the development of acoustical testing methods 8-72987
- Ermolov, I.N.**, Karlov, D.F. Investigation of the frontal resolution of an echo-type flaw detector 8-53109
- Ermolov, I.N.**, Ryzhov-Nikonov, V.I. Theory of operation of piezoelectric probes in ultrasonic defectoscopes. I. Fundamental equations of the electroacoustic channel in an ultrasonic defectoscope 8-53123
- Ermolov, I.N.**, Zenkova, L.S. Analysis of the mirror-shadow method of ultrasonic flaw detection 8-53088
- Ermolov, I.N.** see Basatskaya, L.V. 8-95217
- Ermolov, I.N.** see Vopilkina, A.Kh. 8-71257, 8-72979, 8-95897
- Ermolova, M.I.** see Gus'kova, E.I. 8-56672
- Ermolovich, I.B.**, Gorbunov, V.V., Konosenko, I.D. Role of intrinsic defects and impurity atoms in the formation of local centers in cadmium sulphide single crystals irradiated with thermal neutrons and fast electrons 8-87719
- Ermolovich, I.B.**, Gorbunov, V.V., Konosenko, I.D. Intrinsic defects in cadmium sulphide irradiated with thermal neutrons 8-51599
- Ermolovich, I.B.** see Bobyl', A.V. 8-84259
- Ern, V.** see Aime, J.P. 8-76518
- Ern, V.** see Bouchriha, H. 8-87913
- Erne, F.C.** see Singh, J. 8-93910
- Ernst, C.**, Dupont, G., Rinnert, H., Lematre, J. Effect of temperature changes on the circular dichroism, absorption spectra, and light scattering of amphotericin B in aqueous and hydroalcoholic solutions 8-62807
- Ernst, D.J.**, Friedenberg, R.A., Johnson, M.B. Peculiarities of solutions to the Chew Low equation in the No crossing approximation 8-82396
- Ernst, F.J.** Generalized C-metric 8-89216
- Ernst, F.J.**, Hauser, I. Field equations and integrability conditions for special type N twisting gravitational fields 8-86203
- Ernst, F.J.** see Hauser, I. 8-62128
- Ernst, G.** see Auger, P. 8-92270
- Ernst, G.** see Blaschko, O. 8-67825
- Ernst, G.J.** The effect of radial radiation transport on the interpretation of saturation parameter measurements in laser systems 8-66797
- Ernst, H.** see Rasera, R.L. 8-76364
- Ernst, M.H.**, Cichocki, B., van Beijeren, H., Dorfman, J.R., Sharma, J. Kinetic theory of nonlinear viscous flow in two and three dimensions 8-71372
- Ernst, M.H.** see de Schepper, I.M. 8-93598
- Ernst, N.**, Bozdech, G., Block, J.H. Field dependence of critical energy deficits during the field ionization of ammonia 8-82852
- Ernst, N.**, Bozdech, G., Block, J.H. Critical energy deficits during the field ionization and proton capture of noble gases at rhodium and tungsten field emitters 8-82853
- Ernst, R.R.**, Aue, W.P., Bachmann, P., Karhan, J., Anil Kumar, Muller, L. Two-dimensional NMR spectroscopy 8-74044
- Ernst, R.R.** see Aue, W.P. 8-78724
- Ernst, R.R.** see Wokaun, A. 8-88211
- Ernst, S.**, Glinski, J., Wacinski, M. The influence of electrolytes on the acoustic properties of glycerol and hexantriol-1,2,6 8-75728
- Ernst, V.** see Satzger, W. 8-78649
- Ernst, W.**, Gandolfi, A., Schmitt, I. A statistical treatment of multiplicity distributions and multiplicity correlations at high energies 8-89682
- Ernst, W.**, Schmitt, I. The mass distribution of multi-pion systems produced in high-energy collisions 8-82250
- Ernst, W.**, Schmitt, I. On the seagull effect in semi-inclusive distributions 8-86458
- Ernst, W.G.** see Oertel, G. 8-88823
- Ero, M.I.O.** Heat and mass transfer in close proximity impinging two-dimensional laminar jets 8-94777
- Erofeev, A.V.** see Vasil'eva, R.V. 8-75283
- Erofeev, L.N.**, Vetrov, O.D., Shumm, B.A., Isaev, M.Sh., Manelis, G.B. High-resolution NMR spectrometer for solid-state research 8-58000
- Erofeeva, L.E.** see Kiperman, M.G. 8-61103
- Eroglu, A.**, Araj, S., Moyer, C.A., Rao, K.V. Electrical resistivity of chromium-gold alloys between 77 and 700K 8-64035
- Erokhin, A.A.**, Zakharenkov, Yu.A., Zorev, N.N., Sklizkov, G.V., Shikanov, A.S. Superfast diagnostics of shock waves in a laser beam 8-71535
- Erokhin, A.I.**, Morachevskii, N.V., Faizullov, F.S. Temperature dependence of the refractive index in condensed media 8-54446
- Erokhin, G.A.**, Kocherzhevskii, V.G. On solvability of some inverse diffraction problems 8-82889
- Erokhin, N.S.** see Gushchin, V.V. 8-71475
- Erokhin, S.V.**, Fainberg, V.Ya. Renormalization of the equations for particles with identical quantum numbers 8-82115
- Erokhina, E.V.** see Novikova, G.V. 8-54079
- Eron'yan, M.A.** see Fridlender, B.A. 8-71892
- Eror, N.G.**, Smyth, D.M. Nonstoichiometric disorder in single-crystalline BaTiO₃ at elevated temperatures 8-51989
- Eroschenko, E.A.** see Vanyan, L.L. 8-65518
- Eroshkin, V.I.**, Trofimov, A.S. Dependence of photographic sensitivity and the selectiveness of the physical development process on the difference in electrochemical and redox potentials of the developer 8-62243
- Eroshkin, V.I.** see Guronov, V.I. 8-58075
- Eroshko, A.A.** see Paramonov, A.N. 8-85658
- Erozolimskii, B.G.**, Mostovoi, Yu.A., Fedunin, V.P., Frank, A.I., Khakhan, O.V. False effects in investigation of triple correlation in decay of polarised neutrons and new results in search for time-parity violation 8-78180
- Erozolimskii, B.G.** see Voitsik, L.R. 8-78538
- Erriquez, O.**, Fogli-Muciaccia, M.T., Natali, S., Nuzzo, S., Halsteinslid, A., Jarlskog, C., Myklebost, K., Rognbakke, A., Skjeggstad, O., Tvedt, B., Bonetti, S., Cavalli, D., Pullia, A., Rollier, M., Bonneaud, G., Escoubes, B., Guyonnet, J.L., Huss, D., Paty, M., Racca, C., Riester, J.L., Schaeffer, M., Allasia, D., Bisi, V., Franzinetti, C., Gamba, D., Marzari-Chiesa, A., Riccati, L., Romero, A., Sacco, R., Bullock, F.W., Jones, T.W., Michette, A.G. Production of strange particles in antineutrino interactions at the CERN PS 8-82195
- Erriquez, O.**, Natali, S., Nuzzo, S., Pullia, A., Romano, F., Colley, D.C., Jones, G.T., Lowe, L., O'Neale, S., Sewell, S.J., Bertrand-Coremans, G., Mulkens, H., Sacton, J., Vander Velde-Wilquet, C., Wickens, J., Brinson, V., Petiau, P., Bingham, H.H., Cameron, W., Crennell, D.J., Guy, J.G., Kalmus, G.E., Michette, A.G., Myndel, T., Venus, W., Alitti, J., Baton, J.P., Gerbier, G., Kochowski, C., Neveu, M., Bakker, N.J., Bartley, J.H., Bullock, F.W., Davis, D.H., Jones, T.W. Positron production of muon neutrinos in BEBC filled with a neon-hydrogen mixture 8-78170
- Erriquez, O.** see Alibrán, P. 8-50026
- Ershkovich, A.I.** The comet tail magnetic field: large or small? 8-93157
- Ershler, B.V.** see Kurtsman, E.D. 8-90685
- Ershov, A.A.**, Sycheva, T.A., Zasukha, P.F. Reactional diffusion in three-layer aluminium-brass bimetal 8-56658
- Ershov, A.P.**, Dovzhenko, V.A., Solntsev, G.S. Determining electron energy distribution functions by the second derivative method 8-51356
- Ershov, A.P.** see Dovzhenko, V.A. 8-63594
- Ershov, B.D.**, Saksaganskii, G.L. Kinetic method for analyzing molecular flow. I. Basic positions of the method 8-51201
- Ershov, B.D.**, Saksaganskii, G.L. Kinetic method for analyzing molecular flow. II. Flux in elementary structures with an arbitrary interaction coefficient γ 8-55663
- Ershov, G.M.** see Samartsev, V.S. 8-71158
- Ershov, G.M.** see Vagapova, F.V. 8-67773
- Ershov, G.S.**, Kasatkin, A.A., Gavrilin, I.V. Diffusion of alloying elements in liquid iron 8-79791
- Ershov, N.N.**, Zakharov, G.M., Nikitinskaya, T.I., Nikulin, N.M., Reiterov, V.M. Roentgenoluminescence of unactivated crystals of magnesium fluoride 8-95609
- Ershov, R.E.**, Ivanenko, T.G. The relationship of magnetic properties and the condition of the carbon in gray pearlitic cast iron 8-56353
- Ershova, T.P.** see Korsunskaya, I.A. 8-52759
- Ershova, V.A.** see Grechnev, K.V. 8-53766
- Erskine, J.R.** Energy levels of ²³⁹U observed with the (d,p) reaction 8-66209
- Erskine, J.R.** see Rehm, K.E. 8-58298
- Ersory, Y.**, Kiral, E. A dynamic theory for polarizable and magnetizable magneto-electrothermoviscoelastic, electrically and thermally conductive anisotropic solids having magnetic symmetry 8-77713
- Ertel, J.P.** see Schneider, C.S. 8-81743
- Ertem, G.**, Lagaly, G. Matrix effects of solid surfaces on bimolecular films 8-84114
- Ertepinar, A.** Stability and vibrations of thick-walled tubes subjected to finite twist and external pressure 8-83286
- Ertl, G.** see Conrad, H. 8-87871
- Ertl, G.** see Doyen, G. 8-75927
- Ertl, G.** see Engel, T. 8-88656
- Ertl, G.** see Kempin, H.F. 8-89605
- Ertl, G.** see Klapper, K. 8-84704
- Ertl, M.E.** see Woodbridge, K. 8-91670
- Erukhimov, M.Sh.**, Val'kov, V.V. Spectrum of quantum spin waves of a ferromagnetic semiconductor in the field of a strong electromagnetic wave 8-91857
- Erukhimovich, I.Ya.** see Rostiashevili, V.G. 8-87629
- Erusalimskii, G.B.** see L'vovskii, V.E. 8-86782
- Ervanne, J.** see Dzhambusina, M. 8-89762
- Ervanne, J.** see Ermilova, D.I. 8-62468
- Ervin, C.P.** Theory of the Bouguer anomaly 8-61302
- Erwin, A.R.** see Corcoran, M.D. 8-70417
- Eryushev, N.N.** see Bachurin, A.F. 8-65585
- Erzan, A.**, Stell, G. Thermodynamic properties of permanent dipoles on a lattice 8-88246
- Esaev, D.G.**, Lorei, A.A., Sinita, S.P. Continuous random phase mask 8-66788
- Esaibegyan, S.V.** see Grigoryan, S.G. 8-54617
- Esaki, L.**, Chang, L.L. New semiconductor heterostructures 8-72247
- Esaki, L.** see Sai-Halasz, G.A. 8-64362
- Esaki, L.** see Sakaki, H. 8-75995
- Esat, M.T.** see Zyskind, J.L. 8-66273
- Esaulov, A.S.**, Pilipenko, A.M., Titov, Y.I. Longitudinal and transverse contributions to the threshold cross-section slope of single-pion electroproduction on a proton 8-62411

- Esayan, S.Kh.** *see* Bryzhina, M.F. 8-66928
- Esbensen, H.**, Golovchenko, J.A. Energy loss of fast channelled particles 8-55899
- Esbensen, H.**, Winther, A., Broglia, R.A., Dasso, C.H. Fluctuations due to zero-point motion of surface vibrations in deep-inelastic reactions 8-82372
- Escaig, B.** The physics of plastic behaviour of crystalline and amorphous solids 8-95104
- Escaig, B.**, Lefebvre, J.M. Thermodynamic and kinetic analysis of non elastic deformation in polymeric glasses 8-64604
- Escaig, B.** *see* Duclos, R. 8-80593
- Escamilla, H.M.** Speckle contrast from weak diffrusers with a small number of correlation areas 8-90370
- Escande, D.F.**, de Genouillac, G.V. Electron burst relaxation in a fluctuating plasma. Formal dynamical model 8-83579
- Escanyé, J.M.** *see* Agnoux, D. 8-87802
- Escartin, V.F.**, Pueyo, J.B., Espejo, J.A.C. Real time simulation of the neural paths associated with the detection of local contrasts in certain retinas 8-96046
- Eschenfelder, A.H.** The magnetic anisotropy of 111 oriented garnet bubble films 8-68326
- Escher, J.S.**, Gregory, P.E., Hyder, S.B., San-karan, R. Transferred-electron photoemission to 1.65 μm from InGaAs 8-68600
- Escher, J.S.** *see* Antypas, G.A. 8-91557
- Escher, J.S.** *see* Gregory, P.E. 8-95651
- Escherich, K.H.** *see* Kroger, W. 8-82429
- Eschrich, H.** *see* Detilleux, E. 8-66354
- Eschrich, K.O.** Heat transfer and heat production in a turbulent moving gas 8-90867
- Eschstruth, P.** *see* Quenzer, A. 8-70370
- Escoffier, A.** *see* Boeuf, A. 8-71643
- Escoubes, B.** *see* Erriquez, O. 8-82195
- Escribe, C.** *see* Challis, L.J. 8-67779
- Escudie, B.** *see* Bard, C. 8-80883
- Escudie, J.L.** *see* Colombo, E. 8-54752
- Escudie, J.L.** *see* Lombard, R.M. 8-82287
- Escudie, J.L.** *see* Tatischeff, B. 8-82345
- Eselson, B.N.**, Mikheev, V.A., Grigor'ev, V.N., Mikhlin, N.P. Quantum diffusion of He^3 impurity quasiparticles in solid He^4 8-71902
- Eser, E.**, Ogilvie, R.E., Taylor, K.A. Structural and compositional characterization of sputter-deposited WC+Co films 8-72023
- Eser, E.**, Ogilvie, R.E., Taylor, K.A. Measurement of plasma discharge characteristics for sputtering applications 8-72726
- Eser, E.**, Ogilvie, R.E., Taylor, K.A. Friction and wear results from WC+Co coatings by -dc-biased RF sputtering in a helium atmosphere 8-72918
- Eshelman, F.R.**, Smith, J.F. Single-crystal elastic constants of Al_2Cu 8-72803
- Esherick, P.**, Wynne, J.J., Armstrong, J.A. Multiphoton ionization spectroscopy of alkaline earth atoms 8-82703
- Esherick, P.**, Wynne, J.J., Armstrong, J.A. Multiphoton ionization spectroscopy of the alkaline earths 8-86973
- Eshleman, V.R.**, Haugstad, B.S. Effects of turbulence on average refraction angles in occultations by planetary atmospheres 8-61773
- Eshonov, K.K.**, Zukhuritdinov, M.A., Vakhobov, A.V., Dzuraev, T.D. The Sr-Nd and Ba-Nd phase diagrams 8-52761
- Esikova, O.B.** *see* Krinchik, G.S. 8-72489
- Esin, A.** *see* Damali, A. 8-63391
- Esin, N.N.** *see* Domashevskii, B.N. 8-53081
- Esin, O.Yu.**, Buler, P.I., Toporishchev, G.A., Semenov, N.N. Anodic dissolution of cobalt and nickel in a silicate glass melt 8-88582
- Esin, V.M.** *see* Galin, N.M. 8-94821
- Esin, V.O.**, Danilyuk, V.I., Porozkov, V.N. Investigation of the anisotropy of the surface free energy of metal crystals with a FCC structure by the method of computer simulation 8-87858
- Esina, N.K.** *see* Dragoshanskii, Yu.N. 8-60309
- Esipov, V.F.** *see* Arkhipova, V.P. 8-93426
- Eskin, S.G.** *see* Chimoskey, J.E. 8-73295
- Es'kova, N.F.**, Simkhovich, Z.I., Mizonov, V.M., Koval', V.M. The effect of heat treatment on the technical characteristics of sital coatings in the $\text{Li}_2\text{O}-\text{Na}_2\text{O}-\text{CaO}-\text{SiO}_2$ system 8-84853
- Eskreys, A.** *see* Moriyasu, K. 8-66165
- Eskreys, K.** *see* Moriyasu, K. 8-66165
- Eskrige, J.B.** *see* Davidson, D.W. 8-65011
- Esling, C.** *see* Wagner, F. 8-52849
- Esmail, E.**, Grabec, I. Application of a signal recovery technique to acoustic emission analysis 8-60965
- Esmore, L.H.** The electrodeposition of high-purity chromium 8-84724
- Esnouf, C.**, Fantozzi, G. Theoretical aspects of the Bordoni relaxation 8-63805
- Esnouf, C.** *see* Gabbay, M. 8-80577
- Esnouf, C.** *see* Seyed Reihani, S.M. 8-92278
- Espardieiller, C.** *see* Dinguirard, J.P. 8-87548
- Espe, I.** *see* Tjorn, P.O. 8-54795
- Espejo, J.A.C.** *see* Escartin, V.F. 8-96046
- Espinosa, A.F.** *see* Berrocal, J. 8-96248
- Espinosa-Muller, A.**, Meezes, F.C. Conformational and thermodynamical prediction of the 1,5-methano(10)-annulene and 1,6-methano(10)-annulene and some benzo derivatives 8-78829
- Esplaine, R.W.** The selective modulation interferometric spectrometer 8-85054
- Esposito, B.**, Felicetti, F., Marini, A., Ronga, F., Sechi-Zorn, B., Zorn, G.T., Nigro, A., Vanoli, F., Bisello, D., Nigro, M., Pescara, L., Bernabei, R., D'Angelo, S., Monacelli, P., Moricca, M., Paoluzi, L., Patteri, P., Piano-Mortari, G., Rosini, P., Sciubba, A., Sebastiani, F. Resonant $\text{K}^*(892)$ production in multihadron e^+e^- annihilation 8-66132
- Esposito, F.P.**, Newrock, R.S., Loeffler, K. Effects of voids on the thermal magnetoresistivity of metals 8-91658
- Esposito, F.P.**, Witten, L. Conserved quantities for stationary Einstein-Maxwell space-times 8-49737
- Esposti, C.D.** *see* Cazzoli, G. 8-58677
- Esposti, C.** *see* Degli see Degli Esposti, C.
- Esposito, F.** *see* Basola, C.P. 8-50730
- Esposito, F.** *see* Cocito, G. 8-83124
- Esquerre, M.**, Carballes, J.C., Audiere, J.P., Mazieres, C. Crystallisation of amorphous (bulk and thin films) $\text{Ge}_{\text{Se}_{1-x}}$ ($0 < x < 0.20$) alloys 8-55813
- Esquivel, D.M.S.** *see* Lie, S.K. 8-78622
- Essel, H.** *see* Sperr, P. 8-70562
- Essel'bach, P.B.** *see* Devyatkova, L.I. 8-64414
- Esselbach, P.B.** *see* Khokhlov, R.V. 8-66835
- Essen, L.** Relativity and time signals 8-86154
- Essene, E.J.** *see* Brown, P.E. 8-65261
- Essex, E.A.**, Love, G.B. The occurrence of ground level gravity waves in southeastern Australia as detected by microbarographs 8-73439
- Essex, E.A.** *see* Cornelius, D.W. 8-61662
- Estable-Puig, J.F.** *see* Ligato de Slobodrian, M.L. 8-77171
- Estable-Puig, R.F.** *see* De see De Estable-Puig, R.F.
- Estabrook, K.G.** *see* Wee Woo 8-51309
- Estabrook, K.G.** *see* Barnes, C. 8-51312
- Estenssoro, L.F.** *see* Bazant, Z.P. 8-67137
- Esterbrooks, D.** *see* Sketch, M.H. 8-81050
- Esterling, D.M.** Modified lattice-statics approach to dislocation calculations. I. Formalism 8-75668
- Esterling, D.M.** Equilibrium and kinetic aspects of brittle fracture 8-79271
- Esterling, D.M.**, Moriarty, J.A. Modified lattice-statics approach to dislocation calculations. II. Application 8-75669
- Esterling, R.J.** *see* Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Esterowitz, L.** *see* Krueger, M. 8-90443
- Estes, R.** *see* Horton, W., Jr. 8-83547
- Esteve, J.-M.** *see* Lemonnier, M. 8-62272
- Esteve, D.** *see* Plumier, R. 8-68168
- Estill, R.E.**, Odegard, M.E. Hawaiian Ridge seismicity from the Makapuu Ocean Bottom Seismograph 8-77190
- Estle, T.L.** *see* Setser, G.G. 8-56369
- Estoque, M.A.**, Douglas, M. Structure of the intertropical convergence zone over the GATE area 8-57283
- Estrin, E.I.** Kinetics and hysteresis of phase transformations at high pressures 8-51668
- Estrin, E.I.** *see* Serebryakov, V.G. 8-84806
- Estrup, P.J.** *see* Felter, T.E. 8-87873
- Estrup, P.J.** *see* Robertshaw, G. 8-71959
- Esumi, K.**, Meguro, K. Strength and distribution of electron donor sites on metal oxide surfaces 8-84055
- Eswar Prasad, S.R.J.** *see* Mansingh, A. 8-72467
- Etchepare, J.**, Kaplan, P., Merian, M. A model of the lattice dynamics of trigonal selenium and tellurium using long and short range interactions 8-59893
- Etchepare, J.**, Merian, M. Vibrational normal modes of SiO_2 . III. α -berlinite (AlPO_4) and its relations to Γ -A phonon dispersion curves in α -quartz 8-75750
- Etchepare, J.**, Merian, M., Kaplan, P. Vibrational normal modes of SiO_2 . II. Cristobalite and tridymite 8-51627
- Etcheto, J.** *see* Christiansen, P. 8-53774
- Etcheto, J.** *see* Harvey, C.C. 8-85803
- Etamad, S.** *see* Scott, J.C. 8-56287
- Etheridge, D.W.**, Kemp, P.H. Measurements of turbulent flow downstream of a rearward-facing step 8-59380
- Etienne, F.** *see* Braun, H. 8-58208
- Etim, E.**, Basili, C. On the path integral solutions of the master equation 8-86233
- Etin, G.I.** *see* Aref'ev, K.P. 8-84676
- Etkin, A.**, Foley, F.J., Goldman, J.H., Love, W.A., Morris, T.W., Ozaki, S., Platner, E.D., Saulys, A.C., Wheeler, C.D., Willen, E.H., Lindenbaum, S.J., Kramer, M.A., Mallik, U. Test of the Okubo-Zweig-Iizuka rule in ϕ production 8-89743
- Etkin, V.S.**, Vorsin, N.N., Kravtsov, Yu.A., Mirovskii, V.G., Nikitin, V.V., Popov, A.E., Troitskii, I.A. Observation of critical phenomena in thermal radioemission from a wavy water surface 8-61425
- Etkin, V.S.** *see* Bordonskii, G.S. 8-69353
- Etkin, V.S.** *see* Kravtsov, Yu.A. 8-81188
- Eto, T.**, Sato, A., Mori, T. Stress-oriented precipitation of G.P. zones and θ' in an Al-Cu alloy 8-52809
- Etourneau, J.** *see* Berrada, A. 8-60541
- Etourneau, J.** *see* Chevalier, B. 8-79993
- Etourneau, J.** *see* Kasaya, M. 8-91842
- Etourneau, J.** *see* Tran Minh Duc 8-84703
- Etsina, A.L.** *see* Volkova, E.A. 8-82023
- Ettenberg, M.** A new dielectric facet reflector for semiconductor lasers 8-66841
- Ettenberg, M.** *see* Burke, W.J. 8-79045
- Etters, R.D.**, Danilowicz, R., England, W. Anisotropic contributions to the ground-state properties of solid-para- H_2 8-83914
- Etters, R.D.** *see* Chandrasekharan, V. 8-71829
- Ettinger, D.G.** *see* Niemczyk, T.M. 8-86338
- Ettinger, H.**, Lakhani, A.A., Cheeke, D. Theoretical aspects of the polarisation echos of a piezoelectric powder 8-72462
- Ettinger, J.L.** *see* Nussinov, M.D. 8-85882
- Etz, E.S.**, Heinrich, K.F.J. Laser-Raman probe microanalysis of biological tissue 8-88773
- Etz, E.S.**, Rosasco, G.J. The identification of individual microparticles with a new micro-Raman spectrometer 8-68970
- Etz, E.S.** *see* Blaha, J.J. 8-69441
- Eu, B.C.**, Zaritsky, N. Isotope effects on resonance cross sections in predissociation/reassociation 8-58750
- Eu Byung Chan** *see* Byung Chan Eu
- Eubank, P.T.** *see* Sum-muk Lee 8-87764
- Eugster, H.P.** *see* I-Ming Chou 8-55984
- Eukuoka, M.** *see* Handa, T. 8-95541
- Eukutomi, M.** *see* Iwao, N. 8-53020
- Eulenberger, G.** Tetrathallium(I)-di- μ -thio-tetrathiodigermanate 8-79577
- Euler, K.-J.** *see* Altmeyer, O. 8-84234
- Eung Sang Lee** *see* Moriyoshi, Y. 8-64513
- Eury, J.L.** *see* Haase, D.G. 8-81748
- Euser, H.** *see* Hoogendoorn, C.J. 8-94693
- Eustathopoulos, N.** *see* Coudurier, L. 8-51787
- Euteneuer, H.**, Friedrich, J., Voegler, N. The charge-distribution differences of ^{209}Bi , $^{208,207,206,204}\text{Pb}$ and $^{205,203}\text{Tl}$ investigated by elastic electron scattering and muonic X-ray data 8-54681
- Euthymiou, C.** *see* Nomicos, C.D. 8-73203
- Euthymiou, P.C.** *see* Hadjicontis, B.E. 8-91692
- Euthymiou, P.C.** *see* Nomicos, C.D. 8-82084
- Euthymiou, P.C.** *see* Papaioannou, G.I. 8-68036
- Eva, C.**, Papa, L. High-frequency loading effects by the Ligurian Sea—a statistical investigation 8-61308
- Eva, V.** *see* Asakavicius, J. 8-94533
- Evangelidis, E.** Density wave-star interaction of a differentially rotating spiral system in a scalar field 8-69871
- Evangelidis, E.** Force-free fields in the vicinity of a Reissner-Nordstrom black hole 8-77572
- Evangelisti, F.**, McGroddy, J.C. Photoluminescence study of ultra-high vacuum cleaved germanium 8-52571
- Evangelisti, F.** *see* Yu, P.Y. 8-84597
- Evanoft, J.E.**, Harris, W.E. Diffusion coefficients and viscosities in glycol and glycerol solutions 8-51711
- Evans, A.** Laboratory exercises in astrometry—Hubble's law 8-65740
- Evans, A.B.** Correlation of Newtonian and relativistic cosmologies 8-65732
- Evans, A.G.** On impact damage in the elastic response regime 8-71785
- Evans, A.G.** A general approach for the statistical analysis of multifactorial fracture 8-90785
- Evans, A.G.**, Adler, W.F. Kinking as a mode of structural degradation in carbon fiber composites 8-52893
- Evans, A.G.**, Gulden, M.E., Rosenblatts, M. Impact damage in brittle materials in the elastic-plastic response regime 8-51133
- Evans, A.G.**, Heuer, A.H., Porter, D.L. The fracture toughness of ceramics 8-60771
- Evans, A.G.**, Jones, R.L. Evaluation of a fundamental approach for the statistical analysis of fracture 8-64619
- Evans, A.G.**, Tittmann, B.R., Ahlberg, L., Khuri-Yakub, B.T., Kino, G.S. Ultrasonic attenuation in ceramics 8-67772
- Evans, A.G.** *see* Kocks, U.F. 8-88497
- Evans, B.G.**, Uzunoglu, N.K., Holt, A.R. Two new approaches to the calculation of rain induced attenuation and cross polarization 8-53677
- Evans, B.G.** *see* Dilworth, I.J. 8-57239
- Evans, B.G.** *see* Holt, A.R. 8-85622
- Evans, B.J.** *see* Lu-San Pan 8-68423
- Evans, B.J.** *see* Montreuil, C. 8-68422
- Evans, B.J.** *see* Vogel, R.H. 8-68426
- Evans, C.** Wear debris analysis and condition monitoring 8-68854
- Evans, C.** *see* Lanzerotti, L.J. 8-88994

- Evans, C.A., Jr. *see* Gat, A. 8-91345
 Evans, C.A., Jr. *see* Katz, W. 8-95241
 Evans, C.A., Jr. *see* Lidow, A. 8-67830
 Evans, C.A., Jr. *see* Stimpson, B.P. 8-73102, 8-86378
 Evans, C.J. *see* Davies, A.J. 8-91173
 Evans, D. *see* Arendt, F. 8-50376
 Evans, D. *see* Emms, M.J. 8-89734
 Evans, D.A., Paddock, E.F. X-ray induced increase of mitotic crossovers in *Nicotiana tabacum* 8-61219
 Evans, D.C. *see* Boggess, A. 8-96382, 8-96383
 Evans, D.C. *see* Lane, A.L. 8-93133
 Evans, D.E., Lewis, J.T. Dilations of irreversible evolutions in algebraic quantum theory 8-65794
 Evans, D.J., Clark, L.A. A machine for cold-rolling deformed reinforcing bars for model tests 8-60924
 Evans, D.J., Streett, W.B. Transport properties of homonuclear diatomics. II. Dense fluids 8-75519
 Evans, D.L. *see* Schmitt, R.W., Jr. 8-85571
 Evans, D.S., Elliot, J.L., Peterson, D.E. Occultation astrometry of the beta Scorpii system 8-57583
 Evans, D.S., Prince, A. Thermal analysis of gold-thallium alloys containing 29.2-100 at.% thallium 8-88445
 Evans, D.S., Prince, A. Thermal analysis of Ga-In-Sn system 8-88446
 Evans, D.S. *see* Barnes, T.G. 8-53931
 Evans, D.S. *see* Lacy, C.H. 8-89202
 Evans, D.S. *see* Moffett, T.J. 8-81624
 Evans, E.J. *see* Grut, W. 8-65160
 Evans, F.E. *see* Clay, A.F. 8-85264
 Evans, G.J., Evans, M.W., Reid, C.J. A study of the intrinsic, orientational dynamics of the molecules of two molecular crystals 8-60428
 Evans, G.J. *see* Davies, A.R. 8-63651
 Evans, G.J. *see* Reid, C.J. 8-76379
 Evans, G.T. Orientational time correlation functions for the J and M diffusion models 8-73939
 Evans, G.T. Modified Fokker-Planck equations. I. Translational motion in dense fluids 8-75517
 Evans, G.T. Modified Fokker-Planck equations. II. Rotational and translational motion of non-spherical molecules 8-75518
 Evans, H.C. *see* Mak, H.-B. 8-82341
 Evans, H.T., Jr., Huebner, J.S., Konner, J.A. The crystal structure and thermal history of orthopyroxene from lunar anorthosites 15415 8-53842
 Evans, J. *see* Rosenquist, M. 8-81775
 Evans, J.C., Jr. *see* Bahcall, J.N. 8-58563
 Evans, J.F. *see* Albrecht, M.G. 8-84587
 Evans, J.H. The role of implanted gas and lateral stress in blister formation mechanisms 8-95068
 Evans, J.R., Suyehiro, K., Sacks, I.S. Mantle structure beneath the Japan Sea—a re-examination 8-81118
 Evans, J.T., White, J.R. Elastic deformation in polyethylene crystals subjected to a tensile stress distributed over a fold surface 8-76712
 Evans, J.V. A note on lunar tides in the ionosphere 8-77382
 Evans, J.V., Holt, J.M. Nighttime proton fluxes at Millstone Hill 8-93034
 Evans, J.W. *see* Lewis, S.M. 8-92665
 Evans, K., Jr. *see* Brooks, J. 8-50367
 Evans, K., Jr. *see* Stacey, W.M., Jr. 8-66418
 Evans, K.D. *see* Pye, J.P. 8-53902
 Evans, L.A., Lynch, M.F., Willett, P. Structural search codes for on-line compound registration 8-90319
 Evans, M.E. Single domain oxide particles as a source of thermoremanent magnetization 8-65271
 Evans, M.E. *see* Kanasevich, E.R. 8-92812
 Evans, M.J. *see* Kovacs, C.J. 8-53454
 Evans, M.L. *see* Bonner, B.E. 8-50173, 8-50174
 Evans, M.L. *see* Ensslin, N. 8-82444
 Evans, M.L. *see* Riley, P.J. 8-70389, 8-70534
 Evans, M.W. *see* Coffey, W.T. 8-59726
 Evans, M.W. *see* Davies, A.R. 8-63651
 Evans, M.W. *see* Evans, G.J. 8-60428
 Evans, M.W. *see* Reid, C.J. 8-76379
 Evans, N. *see* Anderson, J.L. 8-57479
 Evans, N. *see* Cooke, K.E. 8-83698
 Evans, P.J., Harris, S.M. Decoupled rotational band structure of odd Pd nuclei in a spherical quasiparticle picture 8-66193
 Evans, R., Schirmacher, W. The long wavelength limit of the liquid structure factor—a theory for the compressibility of liquid rare gases and metals 8-67633
 Evans, R.G. *see* Burton, W.M. 8-65632
 Evans, R.T. *see* Cefarelli, F.P. 8-94439
 Evans, S., Attaya, W.L. Research methods and strategies in the psychophysics of image quality 8-65024
 Evans, T.L. Red variable stars in the Magellanic Clouds. II. The field of NGC 371 in the SMC 8-53961
 Evans, T.L. Red variable stars in the Magellanic Clouds. III. Carbon stars in the field of NGC 419 (SMC) 8-53962
 Evans, T.Lloyd *see* Lloyd Evans, T.
 Evans, W.D. On the essential self-adjointness of powers of Schrodinger-type operators 8-81877
 Evans, W.D. *see* Anderson, K.A. 8-85787
 Evans, W.M. *see* Alper, B. 8-70414
 Evans, W.M. *see* Brown, R.M. 8-82231
 Evarestov, R.A., Lovchikov, V.A. Electronic structure of the U color center in a KCl crystal based on the method of an expanded unit cell 8-72109
 Evarestov, R.A., Lovchikov, V.A. Program for carrying out quantum-chemical calculations for quasi-molecules and crystals with the introduction of cyclic boundary conditions 8-86789
 Evdokimenko, V.I. *see* Karpenko, G.V. 8-92296
 Evdokimenko, V.M. *see* Kripyakevich, P.I. 8-79563
 Evdokimov, V.M., Milovanov, A.F., Strebkov, D.S. Utilization of the incident radiation in semiconductors exhibiting the bulk photovoltaic effect 8-72201
 Evdokimova, V.V., Kuzemskaya, I.G., Pavlov, S.P., Modenov, V.P. A miniature 'toroid' high-pressure cell with superhard pistons 8-49858
 Eve, M., Hensel, P.C., Malyon, D.J., Nelson, B.P., Stern, J.R., Wright, J.V., Midwinter, J.E. Transmission studies on three graded-index fibre cable links installed in operational ducts 8-50928
 Eveans, M. *see* Thomas, W. 8-70392
 Even, P. *see* Viktorovitch, P. 8-76153
 Even, U. *see* Swenunson, R.D. 8-56194
 Even, U. *see* Trotter, D.M., Jr. 8-72549
 Even, W.R., Carr, S.H. Micromechanical fracture analysis of amylose 8-68784
 Evenschor, P.D., Troost, A. Linear and non-linear lattice-strain-distributions obtained by X-rays 8-91200
 Evensen, N.M. *see* Carter, S.R. 8-53635
 Evensen, N.M. *see* O'Nions, R.K. 8-61395, 8-65238
 Evenson, K.M., Jennings, D.A., Petersen, F.R., Wells, J.S. Laser frequency measurements: a review, limitations, extension to 197 THz (1.5 μ m) 8-81952
 Evenson, P. *see* Meyer, P. 8-85792
 Evenson, W.E., Decker, D.L. Kinetic model for solid diffusion with a competing surface reaction 8-51719
 Everage, A.E., Jr., Ballman, R.L. The extensional flow capillary [rheometer] as a new method for extensional viscosity measurement 8-55704
 Everdingen, R.O. Van *see* Van Everdingen, R.O.
 Everest, J.H. *see* Pasco, I.K. 8-63210
 Everett, G.E., Tung, C.J. Determination of the anisotropy constants in Ni from measurements of magnetization perpendicular to the applied field direction 8-68219
 Everitt, K.W. Some measurements in two-dimensional turbulent wakes 8-59400
 Everitt, W.N., Gierzt, M. Inequalities and separation for Schrodinger type operators in $L_2(\mathbb{R}^n)$ 8-77680
 Evers, D., Assmann, W., Ehrenberg, J., Konrad, P., Lobner, K.E.G. Evidence for a non-statistical population of high spin states in ^{24}Mg via the $^{12}\text{C}(^{12}\text{C}, n)$ reaction 8-74385
 Evers, J., Oehlinger, G., Weiss, A. Solid solutions of ternary disilicides $\text{M}_1\text{M}'\text{Si}_2$ ($\text{M}, \text{M}' = \text{Ca}, \text{Eu}, \text{Sr}$) with the $\alpha\text{-ThSi}_2$ structure type 8-91322
 Eversheim, P.D. *see* Hinterberger, F. 8-62553
 Eversman, W. *see* Astley, R.J. 8-83140
 Eversman, W. *see* Vo, P.T. 8-59174
 Evesque, P. *see* Kliava, J. 8-84634
 Everts, J.E. *see* Grimwood, G.C. 8-91889
 Eviatar, A., Kennel, C.F., Neugebauer, M. Possible origins of time variability in Jupiter's outer magnetosphere. III. Variations in the heavy ion plasma 8-61787
 Evlampiev, A.I., Karpov, V.I., Levina, L.E. Reducing the background effects on the performance of a halogen-leak detector by means of chromatographic columns 8-70110
 Evlampieva, N.E. *see* Moshkevich, L.D. 8-85075
 Evlashev, Yu.A. *see* Braun, M.A. 8-54766
 Evneich, T.V., Shumakovskii, E.K. Calculation of the transparency characteristics of the strongly turbidized atmosphere 8-81407
 Evrard, R. *see* Leburton, J.P. 8-79998
 Evseev, I.I. *see* Novinskii, N.A. 8-77906, 8-81967
 Evseev, V.N., Ivanov, V.S., Kirpichnikov, V.Yu. Sound radiation by an infinite thin plate driven by a longitudinal force 8-50998
 Evseev, V.S. *see* Zginski, A. 8-89845
 Evseeva, L.N. *see* Tregubov, I.A. 8-80517
 Evseeva, L.V. *see* Prokof'ev, A.A. 8-90286
 Evseyenko, V.P., Mitsuk, V.E., Chernikov, V.A. The gas breakdown by laser radiation at high pressures 8-75399
 Evseyenko, V.P. *see* Goodilin, I.A. 8-75398
 Evstigneev, A.M. *see* Tyagai, V.A. 8-68479, 8-72625
 Evstigneev, V.V. *see* Boiko, V.I. 8-72967
 Evstigneeva, T.L. *see* Sandomirskii, P.A. 8-63734
 Evstrop'ev, K.K. *see* Artyushkina, N.G. 8-67862
 Evsyukov, M.F. *see* Parusov, V.V. 8-95742
 Evtkhiev, N.N., Baurin, V.D., Krebs, A.R., Pyn'ko, V.G., Ekonomov, N.A., Zamyatina, N.A. Cobalt ferrite single-crystal films for hologram recording 8-55324
 Evtkhiev, N.N. *see* Pyn'ko, V.G. 8-60319
 Evtushenko, I.N. *see* Bagaev, S.A. 8-70807
 Evtushenko, T.V. *see* Tyankin, Yu.D. 8-56642
 Evva, F. About the reaction between photographic stabilizers and colloidal silver. IV. Condition of equilibrium 8-61067
 Evva, F. On the reaction of photographic stabilizers with colloidal silver. V 8-86369
 Evwaraye, A.O. Impurity states in cobalt-doped silicon 8-76020
 Evwaraye, A.O. *see* Andersson, L.P. 8-51941
 Ewald, I., Jakobeit, W., Mayer, K.H., Wiemann, W. A study on prevention of creep and fatigue fracture of steels for turbine application 8-60837
 Ewan, G.T. *see* Mak, H.-B. 8-82341
 Ewart, T.E., Ehrenberg, J.E., Reynolds, S.A. Observations of the phase and amplitude of individual Fermat paths in a multipath environment 8-79159
 Ewart, T.E. *see* Ehrenberg, J.E. 8-83176
 Ewen, B. *see* Strobl, G.R. 8-76383
 Ewert, S. *see* Roll, U. 8-90252
 Ewig, C.S. *see* Datta, S.N. 8-74559, 8-74788
 Ewing, D.J.F. Strip yield models of creep crack incubation and growth 8-55605
 Ewing, G.E. *see* Manzanares, C. 8-92061
 Ewing, J.J. Rare-gas halide lasers 8-58993
 Ewing, J.J. Tunable UV and visible lasers 8-59029
 Ewing, J.J. *see* Haas, R.A. 8-50819
 Ewing, J.J. *see* Powell, H.T. 8-63101, 8-79010
 Ewing, R.C. *see* Taylor, M. 8-51478
 Ewy, G.A., Taren, D. Impedance to thoracic direct current discharge: a model for testing interface material [defibrillation] 8-57056
 Exarhos, G.J. *see* Greenwald, I.E. 8-56797
 Exberger, R. *see* Gower, M.C. 8-74888
 Exell, R.H.B., Huq, M.M. The statistical distribution of hourly solar radiation amounts in Thailand 8-96271
 Exner, E.L., Pickens, J.R., Gurland, J. A comparison of indentation crack resistance and fracture toughness of five WC-Co alloys 8-76739
 Exner, H.E. *see* Matsumura, G. 8-64505
 Exner, H.E. *see* Stojanov, L.G. 8-52712
 Exner, H.Eckart *see* Eckart Exner, H.
 Exner, P. *see* Havlicek, M. 8-81795
 Exton, R.J., Snow, W.L. Line shapes of (absorption coefficients) for satellites and inversion of the data to obtain interaction potentials 8-74608
 Exton, R.J., Snow, W.L., Hillard, M.E. Laser excited fluorescence in the cesium-xenon excimer and the cesium dimer 8-86909
 Ey, W. *see* Zabolitzky, J.G. 8-70428
 Eyal, Y., Gavron, A., Tseruya, I., Fraenkel, Z., Eisen, Y., Wald, S., Bass, R., Gould, G.R., Kreyling, G., Renfordt, R., Stelzer, K., Zitzmann, R., Gobbi, A., Lynen, U., Stelzer, H., Rode, I., Bock, R. Neutron emission in strongly damped collisions of ^{86}Kr on ^{166}Er at 602 MeV 8-82373
 Eyal, Y., Stelzer, H. Two dimensional position sensitive transmission parallel plate avalanche counter 8-90023
 Eyal, Y. *see* Chechik, R. 8-82371
 Eyal, Y. *see* Olmi, A. 8-82375
 Eyck, J. *see* Bronger, W. 8-83795
 Eyerly, H.W. *see* Chase, S.C., Jr. 8-57440
 Eyges, L. Fiber optic guides of noncircular cross section 8-71195
 Eyles, N. Late Wisconsinan glaciectonic structures and evidence of postglacial permafrost in north-central Newfoundland 8-61440
 Eyles, N., Rogerson, R.J. Glacier movement, ice structures and medial moraine form at a glacier confluence, Berendon Glacier, British Columbia, Canada 8-61441
 Eyles, N., Slatt, R.M. Ice-marginal sedimentary, Glaciectonic, and Morphologic features of Pleistocene drift: An example from Newfoundland 8-57233
 Eyll, C. van *see* van Eyll, C.
 Eylon, D. Prior β grains and α platelet morphology in $\alpha + \beta$ titanium alloys 8-76679
 Eylon, D. *see* Bania, P.J. 8-80639
 Eylon, D. *see* Shechtman, D. 8-84984
 Eylon, S. *see* Carmel, Y. 8-77935
 Eylon, Y. Quantization of gauge theories 8-82106

- Eymery, J.P., Raju, S.B., Moine, P. The application of Mossbauer spectroscopy in investigating iron compounds in car exhaust 8-92963
- Eymery, J.P. *see* Riviere, J.P. 8-87718
- Eynon, J.U., Kolb, W.P., Ramsay, I.A. Manufacturing low-noise HeNe lasers 8-59047
- Eynon, J.U., Kolb, W.P., Ramsay, I.A. Manufacturing low noise HeNe lasers 8-79038
- Eyraud, C. *see* Brun, M. 8-83944
- Eyre, B.L. *see* Edwards, B.C. 8-60814
- Eyre, B.L. *see* English, C.A. 8-83823
- Eyre, B.L. *see* Kumar, A. 8-52811
- Eyre, D., Osborn, T.A. A non-singular equation for the three-body scattering problem 8-62106
- Eyre, L.A., Seegobin, S. Large funnel cloud in Trinidad, West Indies 8-73498
- Eyre, T.S. The mechanisms of wear 8-72891
- Eyrich, W., Hofmann, A., Scheib, U., Schneider, S., Vogler, F., Rebel, H. (α, α') angular correlation measurements on ^{28}Si at $E_\alpha = 104$ MeV 8-54774
- Eyrich, W., Hofmann, A., Scheib, U., Schneider, S., Vogler, F., Rebel, H. The deformation of ^{26}Mg from particle-gamma angular correlations 8-78301
- Eyrich, W. *see* Draxler, W. 8-66247
- Eyrie, M. *see* Leteinturier, D. 8-94085
- Eyring, E.M. *see* Farrow, M.M. 8-54467
- Eyring, G. *see* Wernicke, R. 8-95600
- Eyring, H. Starvation kinetics (in shock waves) 8-64841
- Eyring, H. *see* Hays, T.R. 8-95954
- Eyring, H. *see* Kamaya, H. 8-76985
- Eyring, H. *see* Ma, S.M. 8-95908
- Eyring, H. *see* Youngie Oh 8-51774
- Eysel, W. *see* Hofer, H.H. 8-75870
- Eysink, B.J. *see* Alujevic, A. 8-62593
- Eyss, H.J. *see* von Eyss, H.J.
- Eyssa, Y.M., Fadilah, S.M. Optimum cost of a superconducting magnet with two square-ended solenoids 8-82009
- Eyssa, Y.M., Okasha, O. Thermodynamic optimization of thermal radiation shields for a cryogenic apparatus 8-81982
- Eytan, G., Kopeika, N.S. Spectral dependence of rise time in gas filled phototubes: implications concerning possible miniaturization of gas discharge detectors of electromagnetic radiation 8-86318
- Eytan, G., Kopeika, N.S., Kuselevsky, A.P. The effective cross section 8-87517
- Ezawa, H. *see* Nakamura, K. 8-64131
- Ezawa, Y., Kawai, E., Tanimoto, M., Senba, K. Particle ratios in electroproduction of Kaons and symmetry properties of the quark-parton model 8-93888
- Ezekiel, S. *see* Brooke Koffend, J. 8-93765
- Ezekwe, C.I., Pierce, F.J., McAllister, J.E. Measured Reynolds stress tensors in a three-dimensional turbulent boundary layer 8-94656
- Ezhov, A.A., Isaev, G.S., Nebosov, Yu.I., Chernov, Yu.A., Kravchenko, V.F. Investigation of singularities of the process of solidification of carbon and low-carbon steels 8-80532
- Ezhov, E.M. *see* Demidov, N.A. 8-77870
- Ezhov, S.N., Plyuiko, V.A. An investigation of contribution from direct processes to reactions with three particles in final channel 8-78386
- Ezhov, Yu.S. Dependence of the properties of ionic molecules on the properties of their component ions alkali-metal metaborates and hydroxides 8-86801
- Ezraty, R. *see* Arhan, M. 8-73396
- Ezz-el-Arab, M.A. A simple method to estimate mutual interaction of nearest neighbors in a compact planar array 8-50979
- Ezzo, M.M. *see* Salam, S.A. 8-76669
- Fabbi, B.P. Automated preparation and XRF analysis of major/minor elemental concentrations in geological samples 8-85268
- Fabbiano, G. *see* Gursky, H. 8-93459
- Fabbri, F.L. *see* Berger, J. 8-70525
- Fabbri, F.L. *see* Bizard, G. 8-54643
- Fabbri, R. *see* Caderni, N. 8-61947, 8-73778, 8-73779, 8-77633
- Fabbro, R. *see* Del Fabbro, R.
- Faber, E. *see* Schoell, M. 8-96236
- Faber, J., Jr., Mueller, M.H., Cooper, B.R. Neutron-diffraction study of $\text{Zr}(\text{Ca}, \text{Y})\text{O}_{2-x}$: Evidence of differing mechanisms for internal and external distortions 8-83946
- Faber, M. Moments of inertia of fissioning isomers 8-74299
- Faber, M. Malignancies in Danish thorotrast patients 8-96074
- Faber, M., Jasicek, H., Oberhammer, H. Shell corrections for the deformation energy of rotating nuclei 8-82276
- Faber, S., Schubert, R. A new electrode for use in skin conductivity measurements 8-85406
- Fabian, A.C., Lin, D.N.C., Papaloizou, J., Pringle, J.E., Whelan, J.A.J. The determination of the orbital parameters of WZ Sagittae 8-93317
- Fabian, A.C., Rees, M.J. Predictions and strategies for deep X-ray surveys 8-96567
- Fabian, A.C. *see* Cooke, B.A. 8-65607
- Fabian, H.-G. *see* Bossac, H. 8-84766
- Fabian, J. *see* Schultz, P.J. 8-80433
- Fabian, O. Collapse of cylindrical elastic tubes under combined bending and pressure loads 8-83277
- Fabian, W. *see* Arenhovel, H. 8-82210
- Fabig, H., Hildisch, L. Solution growth and some properties of GaP bulk crystals 8-92181
- Fabig, H. *see* Menniger, H. 8-83695
- Fabjan, C.W. *see* Cobb, J.H. 8-62469, 8-89749
- Fabjan, C.W. *see* Daum, H. 8-71424
- Fabre, C., Haroche, S., Goy, P. Millimeter spectroscopy in sodium Rydberg states: quantum-defect, fine-structure, and polarizability measurements 8-82672
- Fabre, C. *see* Barbarin, F. 8-75546, 8-76314
- Fabre, D. Pressure determination in a high-pressure cell for Raman spectroscopy at 4.2K 8-49850
- Fabre, E. *see* Bruneteau, J. 8-71616
- Fabre, E. *see* Garban, C. 8-59676
- Fabre, E. *see* Viktorovitch, P. 8-76153
- Fabre, F. Spin dependent recombination in a silicon n⁺p junction 8-80047
- Fabre, J.M. *see* Chasseau, D. 8-91329
- Fabre, J.M. *see* Flandrois, S. 8-64032
- Fabre, J.M. *see* Keryer, G. 8-76059
- Fabre, J.M. *see* Megret, S. 8-51912
- Fabre de la Ripelle, M. An adverse effect of the hyperspherical L_m approximation: application to ^6Li 8-74311
- Fabrice, E. *see* Colombo, E. 8-54752
- Fabris, G. Probe and method for simultaneous measurements of 'true' instantaneous temperature and three velocity components in turbulent flow 8-67290
- Fabro, R. *see* Bruneteau, J. 8-71616
- Fabry, M.E. *see* Eisenstadt, M. 8-80832
- Facchinelli, A. *see* Chiari, G. 8-63700
- Fackler, J.P., Jr. Symmetry in molecular structure-facts, fiction and fun 8-71697
- Fackler, O. *see* Barish, B.C. 8-62386, 8-89699
- Fackrell, J.E. *see* Castro, I.P. 8-59381
- Faddeev, L.D., Korepin, V.E. Quantum theory of solitons 8-70288
- Faddeev, V.A. *see* Leont'ev, A.I. 8-83469
- Faddeev, V.E. *see* Krass, M.I. 8-65522
- Faddeev, V.V. *see* Abakumov, G.A. 8-59093, 8-71131
- Fadeeva, E.I. *see* Muranov, G.A. 8-90467
- Fadeeva, N.V. *see* Gagulin, V.V. 8-76397
- Fadilah, S.M. *see* Eyssa, Y.M. 8-82009
- Fadin, V.P. *see* Beznosyuk, S.A. 8-51914
- Fadin, V.P. *see* Nazhalov, A.I. 8-75974, 8-84121
- Fadin, V.P. *see* Vasil'eva, R.P. 8-76043
- Fadley, C.S. *see* Kono, S. 8-72690
- Fadly, M., Feldmann, P., Le Gall, H., Makram, H., Guillot, M. Magneto-optical coefficients of Ho^{3+} ions induced by electric and magnetic dipole transitions in single crystal HoI_2 8-95577
- Fadly, M. *see* Guillot, M. 8-95406
- Faehl, R.J., Godfrey, B.B. Collective ion acceleration through temporal modulation of relativistic-electron-beam energy 8-50422
- Faehl, R.J., Roderick, N.F. Intensity dependence of inverse bremsstrahlung absorption in an inhomogeneous standing wave 8-67382
- Faehl, R.J. *see* Hussey, T.W. 8-83605
- Faenov, A.Ya. *see* Agizki, E.V. 8-53912
- Faenov, A.Ya. *see* Belyaev, L.M. 8-74114
- Faenov, A.Ya. *see* Boiko, V.A. 8-70781, 8-86806, 8-94938
- Faessler, A., Ploszajczak, M. Anomaly of the moment of inertia in ^{158}Er above the back-bending region 8-62496
- Faessler, A., Ploszajczak, M., Sandhya Devi, K.R. Cause of backbending in the Os region 8-70432
- Faessler, A., Ploszajczak, M., Sandhya Devi, R.K., Wakai, M. Spins, high spins, very high spins 8-54712
- Faessler, A. *see* Amos, K. 8-82300
- Faessler, A. *see* Grummer, F. 8-93956
- Faessler, A. *see* Hsi-Tseng Chen 8-54696
- Faessler, A. *see* Kosuch, N. 8-55185, 8-62273
- Faessler, A. *see* Ploszajczak, M. 8-50079, 8-70426, 8-70431
- Faessler, A. *see* Shimizu, K. 8-70575, 8-82395, 8-94030
- Faessler, A. *see* Speth, J. 8-50142
- Faessler, A. *see* Yadav, H.L. 8-62485, 8-70446
- Faessler, M. *see* Bacino, W. 8-70351
- Faessler, M. *see* Barish, B. 8-89750
- Faestermann, T. *see* Brown, B.A. 8-93936
- Faestermann, T. *see* Horn, D. 8-54792
- Faeth, G.M. *see* Liburdy, J.A. 8-90880
- Fafurin, A.V., Abramov, Yu.N. Heat transfer in a convergent channel with a permeable wall 8-63426
- Fafurin, A.V., Shangareyev, K.R. Transient turbulent boundary layer in the region of a permeable tube with injection through the wall 8-83486
- Fagaly, R.L., Bohn, R.H. The effect of heat treatment on the heat capacity of vitreous silica between 0.3 and 4.2K 8-59955
- Fagen, E.A. *see* Catalano, A. 8-64066
- Fager, R.S., Gentilecore, P.C., Abrahamson, E.W. Kinetics of cyanoborohydride reduction of bovine rhodopsin 8-64926
- Fagerstrom, P.O., Grimmeiss, H.G. TSC measurements and their correlation with photo-current techniques 8-72249
- Fagerstrom, P.O., Grimmeiss, H.G., Titzte, H. Thermal- and optical-excitation processes in GaP:Cu 8-72190
- Faggiani, R., Brown, I.D. Thallium(III) trinitrate trihydrate 8-59790
- Fagherazzi, G. *see* Raiteri, F. 8-79498
- Faghri, A. *see* Seban, R.A. 8-71343
- Fagnano, C. *see* Bertoluzza, A. 8-80330, 8-82724
- Fagot, M.G. Reconnaissance sonar for deep ocean seamount detection 8-69551
- Fagundes, H.V. Triangulation in Friedmann's cosmological model 8-86047
- Fagundes, L. *see* Suit, H.D. 8-65090
- Fahey, D.W., Scheerer, L.D., Parks, W.F. High-flux beam source of fast neutral helium 8-54507
- Fahlander, C., Hasselgren, L., Possnert, G., Thun, J.E. The quadrupole moments of the first excited 2^+ states in $^{96,100,104}\text{Ru}$ 8-78260
- Fahlenbock, K. The satellite project ISEE-B (International Sun-Earth Explorer) 8-81526
- Fahleson, U. *see* Petelski, E.F. 8-88977
- Fahleson, U. *see* Reeve, C. 8-96337
- Fahleson, U.V. *see* Mozer, F.S. 8-85808
- Fahlman, A. *see* Hagstrom, A.L. 8-52637, 8-91529
- Fahlstrom, C.R., Sinha, M.K. Surface blistering of molybdenum irradiated with 75-350-keV helium ions 8-72657
- Fahnle, M. The influence of precipitates on the law of approach to magnetic saturation in amorphous ferromagnets 8-72334
- Fahnle, M., Kronmüller, H. The influence of radiation induced atomic disorder on the superconducting properties of Nb₃Sn 8-52133
- Fahnle, M., Kronmüller, H. The influence of spatially random magnetostatic, magnetocrystalline, magnetostrictive and exchange fluctuations on the law of approach to ferromagnetic saturation of amorphous ferromagnets 8-60277
- Fahr, H.J. Change of interstellar gas parameters in stellar-wind-dominated astrospheres: solar case 8-61904
- Fahrbach, U. *see* Thum, C. 8-54012
- Fahrenbruch, A.L. *see* Aranovich, J. 8-68100
- Fahrenbruch, A.L. *see* Yin, S.-Y. 8-60196
- Fahrenholtz, S.R. *see* Bramwell, F.B. 8-89284
- Fahrner, W.R., Braunig, D., Ferretti, R., Muller, B. A rapid destruction-free determination of breakdown voltage of thin insulating layers 8-84306
- Fahy, F.J. Measurements with an intensity meter of the acoustic power of a small machine in a room 8-83188
- Fahy, F.J. A technique for measuring sound intensity with a sound level meter 8-83194
- Fai, G. *see* Bondorf, J.P. 8-78406
- Faichung Hu *see* Mehta, P.K. 8-64806
- Faidish, A.N. *see* Lisovenko, V.A. 8-56511
- Faile, S.P. *see* Dad Khattak, G. 8-72358
- Fain, A.M., Nul'man, A.Yu. Temperature field in two-layer thermal shielding acting against a pulsed flow of heat 8-59260
- Fain, B. On the theory of rate processes: integral equation for nonradiative transition rates 8-76827
- Fain, E.Ya. *see* Zarochentsev, E.V. 8-87644
- Fain, S.C., Jr. *see* Shaw, C.G. 8-95233
- Fainberg, A. *see* Jacobs, S.M. 8-58197
- Fainberg, E.B. *see* Vanyan, L.L. 8-65518
- Fainberg, J. *see* Knoll, R. 8-85796
- Fainberg, V.Ja., Pashaev, O.K. On the Fermion contribution to instantons 8-78079
- Fainberg, V.Ya., Soloviev, M.A. How can local properties be described in field theories without strict locality? 8-86401
- Fainberg, V.Ya. *see* Erokhin, S.V. 8-82115
- Fainelli, D. *see* D'Amico, A.B. 8-84313
- Fain'ron, A.S., Notkin, A.B., Utevskii, L.M. Electron diffraction pattern analysis of twinned hexagonal alpha-phase crystals in titanium alloys 8-56647
- Fainshtein, A.G., Manakov, N.L., Rapoport, L.P. Some general properties of quasi-energetic spectra of quantum systems in classical monochromatic fields 8-78981
- Fainshtein, A.G., Manakov, N.L., Rapoport, L.P. A plane rotator in an intense electromagnetic field: scattering, emission and absorption of radiation 8-78982

- Fainshtein, A.G.** *see* Manakov, N.L. 8-54596
- Fainshtein, S.M.** Generation of electromagnetic waves in plasma with a relativistic beam 8-75364
- Fainstein-Pedraza, D.**, Savino, E.J., Pedraza, A.J. Irradiation-growth of zirconium-base alloys. 18-51595
- Fair, H.D., Jr.** In vitro destruction of urinary calculi by laser-induced stress waves 8-77100
- Fair, M.**, Turner, J.E. Faculty Institute in Applied Health Physics—a program to help meet future requirements for health physics technologists 8-49581
- Fair, R.B.** Quantified conditions for emitter-misfit dislocation formation in silicon 8-91338
- Fairall, A.P.** Redshift controversy in the Virgo cluster—a suggestion from Centaurus 8-54061
- Fairall, C.** *see* Davidson, K.L. 8-85677
- Fairall, C.W.** *see* Schacher, G.E. 8-94686
- Fairbairn, S.A.** *see* Duffey, R.B. 8-59451
- Fairbank, W.M.** *see* Philo, J.S. 8-49872
- Fairchild, R.G.**, Mattern, P.L., Lengweiler, K., Levy, P.W. Thermoluminescence of LiF TLD-100: Emission-spectra measurements 8-84667
- Fairchild, R.G.**, Mattern, P.L., Lengweiler, K., Levy, P.W. Thermoluminescence of LiF TLD-100: Glow-curve kinetics 8-84668
- Fairclough, T.J.** A calculation of the effects of an externally applied stress on the equilibrium configurations of a cubic antiferromagnet 8-56365
- Fairhurst, M.C.** A hierarchically-structured model of information processing in neural networks 8-85304
- Fairless, C.M.H.** Studies on the industrial analytical utility of a direct current discharge plasma 8-76944
- Fairlie, D.B.** *see* Corrigan, E.F. 8-82099
- Fairs, S.J.M.** *see* Doherty, R.D. 8-75970
- Fairweather, W.A.** Alloy gold deposits for electronic applications 8-52695
- Faisal, F.H.M.** *see* Rahman, N.K. 8-70938
- Faisant, P.** *see* Guermazi, M. 8-67755
- Faissler, W.** *see* Conetti, S. 8-93905
- Faissner, H.**, Fasold, H.G., Frenzel, E., Hansl, T., Hoffmann, D., Maull, K., Radermacher, E., Reithler, H., de Witt, H., Baldo-Ceolin, M., Bobisut, F., Huzita, H., Loreti, M., Puglierin, G., Scotoni, I., Vascon, M. Measurement of muon-neutrino and -antineutrino scattering off electrons 8-70355
- Faitel'son, A.Sh.**, Azarkina, E.A., Smolina, T.V. Results of studies of secular variations of gravity in the Caucasus 8-53611
- Faitel'son, A.Sh.** *see* Dvulit, P.D. 8-53612
- Faitel'son, L.A.** *see* Brauer, E. 8-63405
- Faithfull, N.T.** Tungsten filaments as electrothermal atomizers in atomic absorption spectrophotometry. IV. The determination of zinc in acetone 8-86346
- Faiziev, Sh.A.** *see* Fattakhov, A.A. 8-94455
- Faiziev, Sh.A.** *see* Koltun, M.M. 8-79195
- Faiziev, Sh.A.** *see* Li, V.V. 8-94422
- Faizulaev, V.N.** *see* Konyukhov, V.K. 8-85151
- Faizullof, F.S.** *see* Erokhin, A.I. 8-54446
- Faizullof, T.F.** *see* Gorelik, V.S. 8-84588
- Fajardo, R.J.** Acoustic resonance demonstration apparatus [for teachers] 8-81774
- Fajer, J.**, Davis, M.S., Brune, D.C., Forman, A., Thornber, J.P. Optical and paramagnetic identification of a primary electron acceptor in bacterial photosynthesis 8-77004
- Fakhretidinov, I.A.**, Chalyi, A.V. Critical opalescence in binary mixtures in an external field 8-84595
- Fakhrutdinov, R.M.** *see* Asratyan, A.E. 8-62389
- Fakhry, A.A.**, Eid, M.A., Hashem, M.S. Effect of external magnetic field on the volatilization of elements in the dc arc 8-68938
- Fakioglu, S.** Susceptibility calculations on spin-doped crystals 8-76035
- Fakioglu, S.**, Erkoc, S. Magnetic and thermal properties of Nd³⁺ in scaphite-type crystals 8-91875
- Faktor, M.M.**, Stevenson, J.L. The detection of structural defects in GaAs by electrochemical etching 8-55872
- Falardeau, E.R.** *see* Weinberger, B.R. 8-88214
- Fal'chenko, V.M.** *see* Gertsriken, D.S. 8-55974
- Falchetti, R.** *see* Caprino, L. 8-57088
- Falchi, A.** Donati *see* Donati Falchi, A.
- Falciai, R.** *see* Brenci, M. 8-55475, 8-66892
- Falciai, R.** *see* Ceccacci, P.F. 8-50902
- Falciani, R.** *see* Caccin, B. 8-61837
- Falciani, R.** *see* Wegmann, H.M. 8-85813
- Falcioni, M.**, Sutura, A., Zirilli, F. Nonlinear internal waves in a stratified fluid in a closed basin 8-75159
- Falck, L.**, Lindqvist, O. X-ray refinement of the structure of cubic telluric acid 8-95022
- Falck, L.**, Lindqvist, O., Mark, W., Philippot, E., Moret, J. The crystal structure of CuTeO₄ 8-55845
- Falco, Ch.M.** *see* Shuller, I.K. 8-95398
- Falco, D.de** *see* de Falco, D.
- Falco, M.**, Pascolo, P. Problems associated with vibration insulation by means of suspended foundation. Block deformability influence 8-51108
- Falcon, C.**, Opradolce, L., Piacentini, R.D. Unpolarised and spin-change collisions between He⁺ and H at low energies 8-86943
- Falcone, G.**, Piperno, F. On the use of the Brinkman cross section for sputtering yields of argon ions on a polycrystalline copper target 8-76571
- Falcone, P.** Kuntz *see* Kuntz Falcone, P.
- Falcone, R.W.** *see* Green, W.R. 8-70798
- Falconer, D.G.** Optical restoration of fogged photographs 8-74857
- Falconer, W.E.** *see* Hebel, L.C. 8-54863
- Faldt, G.**, Hultage, I. Coulomb scattering in the eikonal approximation 8-74344
- Faldt, G.**, Osland, P. Spin effects in inelastic proton-nucleus scattering 8-89875
- Falecki, J.** Some aspects of the technology of producing selected ¹⁴C labelled compounds 8-76895
- Falenchuk, V.D.** *see* Nitsovich, B.M. 8-72084
- Faler, J.H.**, Leibovich, S. An experimental map of the internal structure of a vortex breakdown 8-55651
- Falgarone, E.**, Cesarsky, D.A., Encenaz, P.J., Lucas, R. New ionized regions in the rho Ophiuchi dark cloud 8-57617
- Falge, H.J.**, Borstel, G. Dispersion of surface phonon polaritons in semi-infinite crystals 8-71939
- Falge, H.J.** *see* Borstel, G. 8-59902, 8-72087
- Falge, H.J.** *see* Rohrer, U. 8-56480
- Falicov, L.M.** *see* Denley, D. 8-51919
- Falicov, L.M.** *see* Kelly, M.J. 8-60226
- Falin, J.L.** *see* Barlier, F. 8-69555
- Falius, H.** *see* Durand, J. 8-51501
- Falk, B.** *see* Blachnik, R. 8-91450
- Falk, H.** Calculations and measurements of the intensity of the line emission of glow discharge plasmas 8-67526
- Falk, H.**, Wu, Y. Dynamics and time-averaged behaviour of a molecular dissociation model. [Teaching] 8-61968
- Falk, M.** *see* Wojcik, M.J. 8-76445
- Falkai, B.**, Hinrichsen, G. Drawing behavior and mechanical properties of highly oriented polycarbonate fibers 8-76708
- Falke, H.** *see* Buchmann, R. 8-80163
- Falkenstein, W.** *see* Penzkofer, A. 8-82965
- Falkner, A.H.** Measuring hole positions in small components [using photocells] 8-93650
- Falkovich, A.I.** *see* Petrosyants, M.A. 8-92948
- Fall, S.M.** On the evolution of galaxy clustering and cosmological N-body simulations 8-96550
- Fallah, M.T.** Cross-sections for neutral channels in K-P interactions between 1470 and 1560 MeV CM energy 8-82237
- Fallavier, M.** *see* Thomas, J.P. 8-91357
- Fallenius, K.** On the free swirling radial jet 8-55669
- Faller, A.J.**, Caponi, E.A. Laboratory studies of wind-driven Langmuir circulations 8-85582
- Fallica, P.G.**, Riggi, F., Spitaleri, C., Sutura, M.C. On the derivation of the PWIA cross-section for quasi-free reactions 8-82324
- Faltens, A.**, Keefe, D. Quasi-static drift-tube accelerating structures for low-speed heavy ions 8-82542
- Falter, C.**, Zierau, W., Varotsos, P. On the energy of formation of defects 8-91332
- Falter, C.** *see* Varotsos, P. 8-55975
- Falter, C.** *see* Viefhues, H. 8-71797
- Falthammar, C.G.** *see* Mozer, F.S. 8-85808
- Falthammar, C.G.** *see* Shawhan, S.D. 8-57397
- Falthammar, C.-G.** Problems related to macroscopic electric fields in the magnetosphere 8-69609
- Falthammar, C.-G.**, Alfven, H., Akasofu, S.-I. The significance of magnetospheric research for progress in astrophysics 8-93051
- Famiglietti, M.** *see* Dallavalle, F. 8-70605
- Fan, C.P.** *see* Lai, R.Y.S. 8-51145
- Fan, C.Y.** *see* Hovestadt, D. 8-85790
- Fan, C.Y.** *see* Scholer, M. 8-89148
- Fan, K.C.**, Wamsley, B., Gentry, J.W. The effect of Stokes and Reynolds numbers on the collection efficiency of grid filters 8-61592
- Fan, L.T.**, Lin, S.T., Azer, N.Z. Surface renewal model of condensation heat transfer in tubes with in-line static mixers 8-75060
- Fan, L.T.** *see* Shin, S.H. 8-63859
- Fan, M.** *see* Kan, S. 8-74041
- Fan Hai-Fu**, Zheng Qi-Tai. The problem of ambiguity in Patterson analysis treated by direct method 8-67611
- Fan Tian-You**, Liang Zhen-Ya. A possible mechanism of the growth of grain boundary crack and an estimation of creep rupture time 8-83325
- Fan Wang** *see* Wang Fan
- Fanale, F.P.**, Cannon, W.A. Mars: the role of the regolith in determining atmospheric pressure and the atmosphere's response to insolation changes 8-73668
- Fanchenko, M.S.** *see* Polikarpov, M.I. 8-89710
- Fanchenko, S.D.** *see* Korobkin, V.V. 8-82064
- Fandry, C.B.** *see* Smith, N.R. 8-81181
- Fanelli, E.** *see* Poeti, G. 8-59745
- Fang, F.F.**, Fowler, A.B., Hartstein, A. On the effective mass and collision time of (100) Si surface electrons 8-64081
- Fang, H.L.-B.**, Thrash, R.J., Leroi, G.E. Observation of the low-energy ¹A₂ state of diphenylhexatriene by two-photon excitation spectroscopy 8-74715
- Fang, K.K.** Hyperspherical method applied to the quark model of nucleons 8-62352
- Fang, K.K.**, Tomusiak, E.L. (anp) 3-body model of ⁶Li using hyperspherical harmonics 8-70469
- Fang, M.T.C.**, Brannen, D. Performance prediction of gas blast circuit breakers 8-87522
- Fang, M.T.C.** *see* Shayler, P.J. 8-71581, 8-79486
- Fang Chang-Liu** *see* Lu Zao-Xun 8-61332
- Fang Li-zhi** The influence of gravitation on the vacuum state 8-65858
- Fang Li-Zhi**, Lu Tan, Luo Lian-fu, Qu Qin-Yue, Wang Zhen-ru. Abnormal neutron stars 8-85967
- Fang Li-zhi** *see* You Jun-han 8-69903
- Fang Pao** *see* Fu Te-Chi 8-78269
- Fang Wei-Chou** *see* Wei-Chou Fang
- Fang Yong-sui** *see* Jiang Zun-fu 8-74824
- Fannar, H.** *see* Jacobs, H.R. 8-94547
- Fannin, D.R.** *see* White, D.R. 8-90034
- Fano, G.** *see* Bendazzoli, G.L. 8-90090
- Fano, U.** Perspectives and prospects 8-58761
- Fano, V.** Non-homogeneity in IV-VI semiconductor thermoelectric materials 8-91713
- Fanslau, G.**, Ballani, L. Influence of trend in electromagnetic inverse interpretation 8-81103
- Fanshawe, D.G.J.** A sound field plotter for echo sounder transducers 8-59238
- Fant, B.** *see* Lonnroth, T. 8-82368, 8-89788
- Fante, R.L.** Multiple-frequency mutual coherence functions for a beam in a random medium 8-66720
- Fanter, D.L.** Method for casting epoxy tensile coupons 8-72957
- Fanti, C.**, Lari, C., Olori, M.C. Isotropy of radio sources in the B2 catalogue 8-73766
- Fanti, R.** *see* Ekers, R.D. 8-96530
- Fantom, A.E.** A simple linear feedback method for twin load calorimetric RF power meters 8-77938
- Fanton, J.C.** *see* Niez, J.J. 8-91853
- Fantozzi, G.** *see* Esnouf, C. 8-63805
- Fantozzi, G.** *see* Gabbay, M. 8-80577
- Fantozzi, G.** *see* Orange, G. 8-84926
- Fantozzi, G.** *see* Seyed Reihani, S.M. 8-92278
- Farach, H.A.** *see* Poole, C.P., Jr. 8-88166
- Faraci, G.**, Pennisi, A.R. Polarization correlation of a photon pair 8-49995
- Faradjev, F.E.**, Gasanly, N.M., Mavrin, B.N., Melnik, N.N. Raman scattering in some III-VI layer single crystals 8-76478
- Farag, H.A.** *see* Al Taweel, A.M. 8-79339
- Faraggiana, R.** *see* Aydin, C. 8-96486
- Faraone, L.** *see* Nassibian, A.G. 8-52091, 8-91772
- Farazdel, A.**, Epstein, I.R. Monte Carlo studies of positrons in matter. Temperature and electric field effects on lifetime spectra in low-temperature, high-density helium gas 8-55263
- Farber, D.B.**, Brown, B.M., Lolley, R.N. Cyclic GMP: proposed role in visual cell function 8-64997
- Farber, M.**, Srivastava, R.D. Mass spectrometric determination of the heats of formation of the silicon fluorides SiF(g), SiF₂(g) and SiF₃(g) 8-76900
- Farber, W.** Quantitative AES of stainless-steel samples with computer evaluation 8-76949
- Farberov, A.M.** *see* Mironenko, I.M. 8-78021
- Farbshtein, I.I.** *see* Ivanov, Yu.L. 8-72203
- Farcy, J.C.**, Friart, D., Pezot, J., Guyot, J.C., Beaupere, D. Smooth pulse oscillator for iodine laser 8-59057
- Fardis, M.N.**, Cornell, C.A. Containment liner seismic reliability under statistical uncertainty 8-89948
- Farello, G.E.** *see* Cumo, M. 8-94096
- Farfaletti-Casali, F.**, Rocco, P. Vacuum outer containment of a fusion power plant: implications for overall safety and tritium control 8-74498
- Fargason, R.D.**, McCann, G.D. Response properties of peripheral retinal cells within Drosophila visual mutants to monochromatic gaussian white-noise stimuli 8-69078
- Farge, Y.** *see* Egbert, W.C. 8-68255
- Farge, Y.** *see* Polack, F. 8-68957
- Farges, J.** Noncrystalline structure of clusters produced by homogeneous nucleation in a free jet 8-79760
- Farhadi, R.**, Baker, L., Jr. Heat transfer phenomenology of a hydrodynamically unstable melting system 8-90695
- Farhan, A.R.**, George, J., Ueberall, H. Regge poles in the collective model of the nuclear giant multipole resonances 8-89777

- Faria, N.V. De Castro *see* De Castro Faria, N.V.
- Farid, Z. *see* Kamel, R. 8-52848
- Faridani, N. *see* Frebel, M. 8-72795
- Farine, M., Pearson, J.M., Rouben, B. Higher-order volume-symmetry terms of the mass formula 8-89808
- Farinella, P., Paolicchi, P. The period distribution of eclipsing and spectroscopic binary systems. I 8-69829
- Farinella, P., Paolicchi, P. Conservation laws and mass distribution in the planet formation process 8-81565
- Farish, O., Ibrahim, O.E., Korasli, C. Corona stabilisation and breakdown in SF₆ and SF₆/N₂ mixtures 8-87582
- Farish, O. *see* Davidson, R.C. 8-63616, 8-67585
- Farish, O. *see* Kurimoto, A. 8-87518
- Farish, O. *see* Lynch, B.R. 8-67573
- Farkas, G. *see* Revesz, P. 8-91554
- Farkas, Gy. Multiphoton phenomena in photoelectron emission processes of metals at high laser intensities 8-60550
- Farkas, Gy. *see* Lompre, L.A. 8-80452
- Farkasch, G. The working man's AGR 8-70584
- Farley, D.T. *see* Sobral, J.H.A. 8-88980
- Farley, F.J.M., Fiorentini, G., Stocks, D.C. Influence of an axial magnetic field on the multiple scattering of particle beams 8-70712
- Farley, H. High speed waveform measurements in laser fusion research 8-78498
- Farley, P.G. *see* Hall, K.G. 8-80688
- Farley, R.A. *see* Close, D.M. 8-64941
- Farley, W.E. *see* Sidhu, G.S. 8-50234
- Farmer, D.M. Observations of long nonlinear internal waves in a lake 8-69377
- Farmer, F.T. *see* Harrison, R.M. 8-61244
- Farmer, J.G. The determination of sedimentation rates in Lake Ontario using the ²¹⁰Pb dating method 8-73408
- Farnery, B.W. *see* Combasson, J.L. 8-63796
- Farnery, M.J., Whittingham, T.A. A portable radiation-force balance for use with diagnostic ultrasonic equipment 8-69163
- Farnell, G.C., Flint, R.B., Birch, D.C. Direct observations on the distribution of silver sulphide on sensitized emulsion grains 8-62248
- Farnia, K., Beck, J.V. Numerical solution of transient heat conduction equation for heat-treatable alloys whose thermal properties change with time and temperature 8-91661
- Farnoux, B. *see* Nierlich, M. 8-91215
- Farnoux, F.C. *see* Cukier, M. 8-90134
- Farnoux, F. Combet *see* Combet Farnoux, F.
- Farnsworth, A.V., Jr., Widner, M.M., Chang, J., Leeper, R.J., Baker, L., Olsen, J.N. Particle beam targets containing preheated fuel and magnetic fields 8-58480
- Farnum, E.H., Maltrud, H.R. A minimum release, high pressure DT fill system for laser fusion targets 8-50303
- Farnum, E.H. *see* Cranfill, B. 8-58485
- Farnum, E.H. *see* Miller, J.R. 8-58487
- Farnworth, B. *see* Clayman, B.P. 8-72498
- Farquhar, G.J. *see* Harrington, R.A. 8-92876
- Farr, M.K. *see* Trevino, S.F. 8-67782
- Farr, T. *see* Campbell, W.J. 8-81173
- Farr, W., Heintze, J., Hellenbrand, K.H., Walenta, A.H. Space resolution of drift chambers operated at high gas pressure 8-78583
- Farrag, N., Waters, R.T. Effect of unipolar space charge on positive-impulse sparkover 8-87542
- Farrant, P., Meire, H.B. Ultrasonic measurement of renal inclination; its importance in measurement of renal length by radiography] 8-77092
- Farrant, S.P. *see* Jones, D.W. 8-84705
- Farrar, A., Watson, B., Adams, A.T. A simple model for radiation and scattering from wires and surfaces 8-86999
- Farrar, E., Lowe, R.M. Age-length dependence of inclined seismic zones 8-57175
- Farrar, G.R., Rayet, P. Phenomenology of the production, decay, and detection of new hadronic states associated with supersymmetry 8-70302
- Farrar, R.A., Taylor, L.G. A metallographic study of chevron cracking in submerged arc weld metals 8-56761
- Farraro, R., McLellan, R.B. Thermodynamic properties of the ϵ -Cr₂N phase 8-52783
- Farraro, R.J., McLellan, R.B. Diffusivity of oxygen and nitrogen in niobium 8-51741
- Farraro, R.J., McLellan, R.B. Elastic properties of dilute palladium-hydrogen solid solutions 8-75706
- Farrash, A.H. El *see* El Farrash, A.H.
- Farre, J. *see* Sirieix, M. 8-80058
- Farrell, D.E., Chandrasekhar, B.S. The effect of gap anisotropy on radiation-induced T_c changes in the A-15 superconductors 8-52125
- Farrell, E.J. Processing limitations of ultrasonic image reconstruction 8-73184
- Farrell, G., Donnelly, S.E. Thermal desorption and bombardment-induced release of deuterium implanted into stainless steels at low energy 8-95072
- Farrell, H.H. *see* Larsen, P.K. 8-56041
- Farrell, H.H. *see* Woodruff, D.P. 8-95659
- Farrell, J.A. *see* Matuska, W., Jr. 8-81556
- Farrell, R.A. *see* Gray, E.P. 8-55285
- Farrell, R.A. *see* Krill, J.A. 8-66724
- Farrell, W.E. *see* Agnew, D.C. 8-96218
- Farrenq, R. *see* Bailly, D. 8-58867
- Farrington, B.J., Hughes, G. A theoretical analysis applied to electromagnetic instruments used in liquid sodium 8-54857
- Farrington, G.C., Briant, J.L. Hydronium beta" alumina: a fast proton conductor 8-91480
- Farrington, G.C., Briant, J.L., Breiter, M.W., Roth, W.L. Ionic conductivity in H₃O⁺ beta alumina 8-51726
- Farrington, G.C. *see* Roth, W.L. 8-51693
- Farrow, J.B., Burton, M. Attitude control and stabilisation of passive atmospheric sounders of Spacelab 8-65483
- Farrow, J.B. *see* Burton, M. 8-65482
- Farrow, M.M., Burnham, R.K., Purdie, N., Eyring, E.M., Auzanneau, M., Olsen, S.L. Piezoelectric detection of photoacoustic signals 8-54467
- Farrow, R.L., Black, P.C., Chang, R.K. Resonant two-phonon Raman scattering in GaSb near the E₁ and E₁+Δ₁ gaps 8-60470
- Farshad, M. On incremental deformations of initially stressed media with couple stresses 8-62077
- Farshad, M. Stability of cantilever plates subjected to biaxial subtangential loading 8-90762
- Farshad, M. *see* Ahmadi, G. 8-94604
- Farzad, G.H. *see* Abedinzadeh, Z. 8-77522
- Fasana, A. *see* Abbati, I. 8-76585
- Fasel, H. *see* Bestek, H. 8-94633
- Fasel, H. *see* Booz, O. 8-94750
- Fasel, H. *see* Schefenacker, R. 8-94663
- Fasol, G., Schilling, J.S., Seeber, B. Pressure-induced phase transformation in nontrans-forming V₃Si 8-80084
- Fasold, H.G. *see* Faisner, H. 8-70355
- Fasolino, A., Parrinello, M., Tosi, M.P. Static dielectric behaviour of charged fluids near freezing 8-56417
- Fasolistella, P. *see* Benuzzi, A. 8-58349
- Fasolo, J., Fuja, R., Jung, J., Moenich, J., Norem, J., Praeg, W., Stevens, H. A neutral beam system for an ignition Tokamak 8-54973
- Fasolo, J.A. Power and gas flow models for monoenergetic neutral beam injectors 8-66398
- Fass, R., Georg, E., Wollnik, H., Schardt, D., Weiss, G., Wien, K., Hirdes, D. A time-of-flight mass spectrometer for recoil particles from α -active sources produced by a He-jet 8-86717
- Fassbender, J. *see* Wolters, J. 8-58390
- Fassbender, L.L. *see* Conn, R.W. 8-58418
- Fassbender, L.L. *see* Teofil, V.L. 8-62615
- Fassio-Canuto, L. Quantum-mechanical generalization of the Biot-Savart law 8-70997
- Fassler, D., Granget, G. Methods of quantitative processing of dynamic curves of diffuse-scattering spectroscopy 8-54470
- Fastenau, R.H.J., van Veen, A., Penning, P., Caspers, L.M. Monte Carlo simulation of the interaction of interstitial helium, selfinterstitials, and vacancies with vacancies or vacancy clusters 8-71754
- Fastenau, R.H.J. *see* Caspers, L.M. 8-51601
- Fastie, W.G. *see* Brune, W.H. 8-81482
- Fastie, W.G. *see* Henry, R.C. 8-65726, 8-93401
- Fastook, J., Vietti, M.A. A comment on the size distribution of the droplets found in cloud bases 8-73458
- Fastritskii, V.S., Fishkin, P.Sh. Some special characteristics of the operation of an electromagnetic converter forming part of an unbalanced bridge 8-85100
- Fastrup, B. *see* Bisgaard, P. 8-50525
- Fat-Halla, N. *see* Takasugi, T. 8-84898, 8-84911
- Fataimukhin, A.N. *see* Popov, Yu.A. 8-85107
- Fateeva, L.A., Kanavets, G.E. Efficiency of multilayer rectangular fins 8-63262
- Fateeva, L.N. *see* Lebedev, V.M. 8-54776
- Fatemar, R.J. *see* Watson, D.C. 8-91097
- Fatemi, M. Telluric field aspect near the water streams 8-65176
- Fatemi, M., Johnson, E., Birks, L., Gilfrich, J., Whitlock, R. X-R-D analysis of airborne asbestos preparation of calibration standards 8-69517
- Fateyev, V.A. *see* Bogomolny, E.B. 8-62342
- Fathimani, A.A., Bell, J.F.W. A new resonant thermometer for nuclear reactor applications 8-57948
- Fatouros, P. *see* Rao, G.U.V. 8-65124
- Fatouros, P.P. *see* Edwards, D.O. 8-56003
- Fatt, I. Water flow conductivity and pore diameter in extended-wear gel lens materials 8-81062
- Fattah, A. *see* Wenzl, H. 8-64461
- Fattakhov, A.A., Faiziev, Sh.A., Gaziev, U.Kh., Trukhov, V.S. Influence of heat treatment on solar energy collector optical properties 8-94455
- Fatton, J. On the electric charge density of atomic nuclei 8-86470
- Fattori, V., Pasini, G. Study of the Herschel effect in two sensitive photographic materials 8-82062
- Fau, C., Calas, J., Averous, M., Lombos, B.A. Vacancy doping by off-stoichiometry in mercury chalcogenides 8-55862
- Faubel, M., Holber, W.M., Toennies, J.P. Low background cold cathode ion source for molecular beam detection 8-54506
- Faubert Maunder, M. *see* de Faubert Maunder, M.
- Faucher, B., Krausz, A.S. Properties of consecutive energy barriers and the associated behavior in plastic flow 8-75710
- Faucher, J.A., Goddard, E.D. Diffusion and sorption phenomena in neonatal rat stratum corneum 8-77007
- Faucher, M. *see* Beaury, O. 8-52558
- Faucheron, G. *see* Gabry, A. 8-57909
- Faucherre, J. *see* Voliotis, S. 8-95032
- Faude, D., Helm, M., Weisz, W. (editor) Fusion and fast breeder reactors 8-78430
- Faujdar *see* Misra, B.N. 8-64012
- Faulkner, D.J. Fourier analysis of beat Cepheids 8-69811
- Faulkner, D.R. *see* Bookmyer, B.B. 8-73737
- Faulkner, G. *see* Forder, D. 8-74089
- Faulkner, J. *see* Anderson, D. 8-83591
- Faulkner, L.L. *see* Al Jumaily, A.M. 8-59341
- Faulkner, L.R. *see* Katz, W. 8-95241
- Faulkner, R.G., Burr, D.J. The relation between microstructure, microchemistry and properties of a sintered 5% nickel steel 8-64504
- Faulkner, T.R., Richardson, F.S. Vibronic coupling model for the intensities of f-f transitions in octahedral lanthanide (III) complexes 8-58659
- Faulkner, T.R., Richardson, F.S. Magnetic dipole and vibronically induced electric dipole intensities of the ³D₂→³F₂ transitions of Tb³⁺ in Cs₂NaTbCl₆ 8-76033
- Faulstich, M. *see* Deutschbein, O. 8-79021
- Faure, A. *see* Maze, G. 8-79175
- Faure, F. *see* Brunet, A. 8-86981
- Faure, J.L. *see* Argan, P. 8-82333
- Faure, J.L. *see* Argan, P.E. 8-70512
- Fauser, G. *see* Schlegel, W. 8-61275
- Fausett, D.W., Weber, J.H. Mass spectral pattern recognition via techniques of mathematical programming 8-92523
- Faessler, W. *see* Hartmann, J. 8-62460
- Faust, J.W., Jr. *see* Harrill, M.D. 8-72770
- Faust, M.A. *see* Parsons, W.F. 8-92439
- Faust, U. *see* Nagel, M. 8-80961
- Faust, W. *see* Geissel, H. 8-86718
- Fauvet, G., Massaux, M., Chevalier, R. Study of the crystalline form of benzonitrile at 198K 8-51524
- Fava, C. *see* Quaglia, G. 8-57069
- Favart, D. *see* Argan, P. 8-82333
- Fave, J.L. *see* Aime, J.P. 8-76518
- Fave, J.L. *see* Bouchriha, H. 8-87913
- Favella, L. *see* Balossino, N. 8-57117
- Favennec, P.N., Henry, L., L'Haridon, H. On the ion implantation of the group VI impurities into GaAs 8-55884
- Favennec, P.N. *see* Rao, E.V.K. 8-75680
- Favero, P.G. *see* Cazzoli, G. 8-58677, 8-82725
- Favier, B. *see* Besset, D. 8-62422
- Favier, J.J., Malmejac, Y. The contribution of microgravity experiments to the study of solidification mechanisms 8-88457
- Favorski, A.P. *see* Mikhailova, N.V. 8-71611
- Favorski, A.P. *see* Golovizina, V.M. 8-51147
- Favre, A. *see* Dussauge, J.P. 8-94767
- Favre, B. Noise at the approach to traffic lights: result of a simulation program 8-90597
- Favreau, O.E. Intercolor transfer of color-containing motion aftereffects: positive aftereffects 8-69100
- Favuzzi, C. *see* Anelli, E.F. 8-82585
- Favuzzi, C. *see* Cutts, D. 8-78380
- Fawcett, B.C. *see* Bromage, G.E. 8-67410
- Fawcett, E. *see* Holroyd, F.W. 8-91599
- Fawcett, E. *see* Lee, M.J.G. (editor) 8-91577
- Fawcett, T.G., Chia-Chih Ou, Potenza, J.A., Schugar, H.J. Crystal and molecular structure of the tetrameric Cd(II) complex [Cd{SC(CH₃)₂CH₂NH₂]₂CdCl₂·2H₂O 8-74787
- Fawcett, V. *see* Caville, C. 8-56487
- Fawley, W.M. *see* Scharlmann, E.T. 8-53970
- Fawzi, T.H. *see* Burke, P.E. 8-91891
- Faxvog, F.R. Instrument for sizing submicron airborne particles 8-61624
- Faxvog, F.R., Roessler, D.M. Carbon aerosol visibility vs. particle size distribution 8-88911
- Fay, D.F. *see* Stevens, J.C. 8-61295

- Fay, R.R.** Phase-locking in goldfish saccular nerve fibres accounts for frequency discrimination capacities 8-88720
- Fay, T.D., Jr.**, Wisniewski, W. The light curve of the nucleus of Comet d'Arrest 8-53877
- Fayans, S.A.** see Sapershtein, E.E. 8-89772
- Fayard, C.** see Elbaz, E. 8-54767
- Fayard, C.** see Giraud, N. 8-78210
- Fayard, M.**, Gratiot, D., Portier, R., Guymont, M. Many-beam diffraction contrast for two-dimensional defects in crystals: application to merohedral twins 8-83829
- Fayard, M.** see Condat, M. 8-75671
- Fayek, M.K.** see Bahgat, A.A. 8-76360
- Fayek, M.K.** see Eissa, N.A. 8-52390
- Fayer, M.D.** see Salcedo, J.R. 8-72079
- Fayer, M.D.** see Wieting, R.D. 8-95263
- Fayl, G.** see Tasman, H.A. 8-57955
- Fayt, A.** see Niay, P. 8-86863
- Fayzullin, I.S.** see Budnikov, V.A. 8-61402
- Fayzyo, K.P.** On the stability of the equilibrium state of a solid body floating on a liquid surface 8-67029
- Fazal-e-Aleem** see Saleem, M. 8-93884
- Fazio, D.**, Mulargia, F., Boschi, E. Thermodynamic Gruneisen's function for pure iron at the Earth's core conditions 8-61361
- Fazio, G.** see Arena, N. 8-82357
- Fazlaev, V.Kh.** see Devyatov, A.M. 8-67527
- Fazlic, R.** see Anicin, B.A. 8-78865
- Fazli Hoque, M.D.** see Bhanumathi, A. 8-72448
- Fazuzzi, C.** see Cutts, D. 8-89746
- Fazzini, T.**, Giannatiempo, A., Maurenzig, P.R. Search for a $1/2^-$ level at 1.29 MeV in ^{55}Mn 8-82360
- Fearing, H.W.** Some comments on the soft-photon approach to proton-proton bremsstrahlung 8-62452
- Fearing, H.W.** see Beveridge, J.L. 8-62446
- Fearn, R.L.** see Krausche, D. 8-94779
- Feast, M.** User guide to telescope facilities. II. South African Astronomical Observatory 8-73628
- Feast, M.W.**, Robertson, B.S.C. The kinematics of the peculiar galaxy NGC 3256 8-96537
- Feather, N.** The unsolved problem of the Po-haloes in Precambrian biotite and other old minerals 8-85556
- Feather, N.**, Vass, D.G. Possibilities for fission-neutron spectrometry using the time-of-flight method for fragment-mass selection 8-82398
- Featherston, G.** see Beier, E. 8-74290
- Fechner, W.B.**, Joss, P.C. Quark stars with 'realistic' equations of state 8-73725
- Fechtig, H.**, Grun, E., Kissel, J. Laboratory simulation 8-57510
- Fechtig, H.** see Dalmann, B.-K. 8-93112
- Fedchenya, I.I.**, Kruglik, G.S. The existence and stability of a beat regime with resonator frequency in a ring laser 8-71125
- Fedchishin, V.G.** see Bekeshko, N.A. 8-56868, 8-56869
- Fedchuk, A.P.**, Saltynskaya, T.F. A new type of switching in Al_2O_3 amorphous thin films 8-80069
- Fedders, P.A.** Moment expansions and occupancy(site) correlation functions for a one-dimensional hopping 8-55972
- Fedders, P.A.** Time-dependent correlations between a pair of distinguishable particles hopping on a uniform one-dimensional chain 8-88212
- Feddes, R.G.**, Kuo-Nan Liou Atmospheric ice and water content derived from parameterization of Nimbus 6 high-resolution infrared sounder data 8-92925
- Fedel, B.** see Cester, B. 8-61886, 8-69834
- Fedenchuk, D.I.** see Brodin, I.S. 8-71407
- Feder, B.H.** see Syed, A.M.N. 8-96083
- Feder, R.**, Pendry, J.B. Theory of secondary electron emission 8-76564
- Feder, R.** see Kirschner, J. 8-84039
- Feder, R.** see Muller, N. 8-83692
- Federbush, P.** see Brydges, D. 8-89409
- Federer, B.** Hailstone trajectories determined from crystallography, deuterium content and radar backscattering 8-61614
- Federer, B.** see Waldvogel, A. 8-92924
- Federici, L.**, Nardi, M., Ceradini, F., Conversi, M. A low-cost total absorption track detector of high energy particles 8-55107
- Federici, L.** see Conversi, M. 8-55106
- Federico, A.** see Cavallini, F. 8-54828
- Federico, C.** see Coradini, A. 8-85862
- Federman, P.**, Pittel, S. Hartree-Fock-Bogolyubov study of deformation in the Zr-Mo region 8-74302
- Federman, P.**, Pittel, S. On the use of perturbation theory to evaluate effective charges 8-78250
- Federowska, J.** see Konieczny, J. 8-81436
- Fedi, F.**, Merlo, U. Statistical data on point rainfall intensity for radio-relay design 8-53690
- Fedi, F.**, Merlo, U., Migliorini, P. Effect of rain structure on rain induced attenuation 8-53685
- Fedii, N.S.** see Lachin, V.I. 8-86305
- Fedii, V.S.** see Lachin, V.I. 8-86305
- Fedin, V.P.** see Danileko, M.V. 8-59060
- Fedingin, E.I.** see Podkin, Yu.G. 8-74023
- Fedirko, V.I.** see Urdenko, V.A. 8-85594
- Fedorchenko, A.M.** see Sinkovitch, E.L. 8-76389
- Fedorchenko, A.N.** see Levitan, L.Ya. 8-53114
- Fedorchenko, I.M.**, Burenkov, G.L., Raichenko, A.I., Khrienko, A.F., Kryachek, V.M. Electric-discharge reaction sintering of powder mixtures 8-64507
- Fedorchenko, I.M.**, Shevchuk, Yu.F., Miroshnikov, V.N., Tuznikov, A.F., Markov, V.G., Gorynin, I.V., Krasnoshechekov, M.M., Mostovskii, D.M. Some properties of iron-base materials with calcium fluoride additions for frictional units of nuclear plants 8-60845
- Fedorchenko, I.M.** see Ageeva, V.S. 8-60601
- Fedorchenko, V.P.**, Lashkarev, G.V., Obolonchik, V.A., Skripka, I.P. Electrical properties of some sesquiseleneides of rare earth elements of yttrium subgroup and scandium 8-84243
- Fedorchuk, N.M.** see Zaitsev, A.A. 8-52697
- Fedorenko, A.I.** see Kondratenko, V.V. 8-95246
- Fedorenko, A.I.** see Palatnik, L.S. 8-59815
- Fedorenko, G.M.** see Bondar, V.N. 8-57966
- Fedorenko, L.L.** see Malyutenko, V.K. 8-49899
- Fedorenko, N.M.** see Boiko, Yu.F. 8-85069
- Fedorenko, T.A.** see Dolitskii, I.N. 8-77891
- Fedorenko, V.K.** see Maksimovich, G.G. 8-56710
- Fedorenko, V.V.**, Shevkin, G.P., Nemmonov, S.A., Lyubimov, V.D., Mitrofanov, B.V. Reaction of TiC with Ni 8-52746
- Fedorenko, V.V.** see Bakmutskii, V.F. 8-70158
- Fedorikhin, V.A.** see Tarasnik, S.A. 8-67737
- Fedorin, V.P.** see Ereemeev, M.A. 8-68597
- Fedorishcheva, E.E.** see Burtsev, G.A. 8-53096
- Fedoriv, R.F.** see Drabich, P.P. 8-81441
- Fedorov, A.I.**, Sergeenko, V.P., Tarasenko, V.F. Apparatus for investigating stimulated emission from explosively formed metal vapors 8-50764
- Fedorov, B.N.** Experimental study of the effect of acoustic oscillations on heat transfer in a gas flow 8-59394
- Fedorov, D.L.** see Suslina, L.G. 8-56071
- Fedorov, E.A.** Trimming mass of weights in free-piston manometers 8-93715
- Fedorov, E.A.** see Bagdasarov, Kh.S. 8-55877
- Fedorov, F.I.**, Radyuk, A.F., Zhulego, V.G. Exact solutions for a vector meson in quantized field of a monochromatic electromagnetic plane wave 8-89638
- Fedorov, F.I.** see Bogush, A.A. 8-62076
- Fedorov, G.B.** see Zhukov, V.P. 8-67796
- Fedorov, G.M.** see Radchenko, V.V. 8-50869
- Fedorov, K.N.** see Ginsburg, A.I. 8-81192
- Fedorov, K.N.** see Ginzburg, A.N. 8-61426
- Fedorov, L.F.**, Popov, V.G. Computer simulation of transients in channels with a single- plus a two-phase heat transfer fluid 8-90969
- Fedorov, M.F.** Resonant ionization of atomic hydrogen as a source of polarized protons 8-78541
- Fedorov, M.I.** see Zaitsev, V.K. 8-72556, 8-91714
- Fedorov, M.V.** Polarization of electrons produced by resonance ionization of atoms by an intense electromagnetic field 8-50518
- Fedorov, M.V.** see Karapetyan, R.V. 8-59623
- Fedorov, M.V.** see Pashinin, P.P. 8-87438
- Fedorov, N.F.** see Aksenov, M.S. 8-75459
- Fedorov, N.F.** see Sidorov, P.M. 8-87653
- Fedorov, N.P.** see Glavanakov, I.V. 8-86748
- Fedorov, P.P.** see Sobolev, B.P. 8-84783
- Fedorov, P.P.** see Sobolev, D.F. 8-67700
- Fedorov, V.A.** see Demidov, N.A. 8-77870
- Fedorov, V.A.** see Lisitsyn, V.M. 8-83811
- Fedorov, V.B.** see Verbovetskii, A.A. 8-78967
- Fedorov, V.E.**, Kirik, S.D. Infrared spectroscopic identification of the cluster group $[\text{Mo}_6\text{X}_8]$ 8-64359
- Fedorov, V.F.** see Elaev, V.F. 8-71092
- Fedorov, V.F.** see Gorbachev, L.P. 8-94835
- Fedorov, V.I.**, Kovalenko, G.V., Kostanchuk, D.M. Boiling of fluid on a metal surface 8-59274
- Fedorov, V.K.** see Jergel, M. 8-60257
- Fedorov, V.L.** see Mezentssev, A.P. 8-70797, 8-82848
- Fedorov, V.M.** see Lagunov, V.M. 8-75430
- Fedorov, V.M.** see Postnikov, V.S. 8-64161
- Fedorov, V.N.** see Minakov, V.I. 8-56348
- Fedorov, V.N.** see Pokidyshev, V.V. 8-60650
- Fedorov, V.V.** see Khachatryan, S.V. 8-85006
- Fedorov, Yu.M.**, Leksikov, A.A. Photoinduced linear birefringence in iron borate 8-52469
- Fedorov, Yu.N.** see Anisimov, S.P. 8-88491
- Fedorov, Yu.N.** see Troshchenko, V.T. 8-64800
- Fedorova, E.O.** see Kiseleva, M.S. 8-61558
- Fedorova, M.K.** see Vinogradov, V.G. 8-60956
- Fedorova, O.V.** On the extension of the pulsating star atmosphere under the action of periodical shock waves 8-93244
- Fedorova, V.A.** see Bilyi, L.M. 8-56800
- Fedorova, V.N.**, Siverghin, Yu.M., Berlin, A.A., Selenev, Yu.V. Dynamic mechanical properties of three-dimensionally linked polymers of oligoesteracrylates 8-64577
- Fedorovich, G.V.** see Gandel'man, G.M. 8-93020
- Fedors, J.C.** see Blume, H.-J.C. 8-81416
- Fedoruk, G.G.** see Rutkovskii, I.Z. 8-80191
- Fedorus, A.G.**, Medvedev, V.K., Naumovets, A.G., Ptushinskii, Yu.G. Peculiarities of the interaction of atoms adsorbed on similar crystal faces of different transition metals 8-95237
- Fedorus, A.G.** see Vedula, Yu.S. 8-60032
- Fedorus, G.A.** see Gorbik, P.P. 8-72251
- Fedorus, G.A.** see Kantariya, R.V. 8-72199, 8-84284
- Fedoryuk, M.V.** see Mazanikov, A.A. 8-83148
- Fedoseev, S.D.** see Khizhnyak, P.E. 8-79829
- Fedoseeva, N.V.** see Bazhan, A.N. 8-60270, 8-88125
- Fedosenko, Yu.K.** A metallic cylinder in the field of a noncoaxial coil 8-53153
- Fedoseyeva, T.V.** see Polak, L.S. 8-63623, 8-63626
- Fedosov, N.I.** see Moiseev, M.B. 8-50683, 8-62997
- Fedosov, V.N.** Equilibrium configuration of ferroelectric domains near the Curie point 8-88270
- Fedosov, V.N.** see Minakov, V.I. 8-88103
- Fedoshejeva, T.S.** see Kusminski, A.S. 8-92231
- Fedotkin, I.M.** see Vyskrebtskov, V.B. 8-83230
- Fedotkin, S.N.** see Kolomiets, V.M. 8-86467
- Fedotov, A.P.**, Shabanov, V.F., Shuvalov, L.A., Shchagina, N.M. Raman spectra and the nature of phase transitions in $\text{Na}(\text{D}_2\text{H}_2)_2(\text{SeO}_3)_2$ crystals 8-80341
- Fedotov, N.S.** see Tarshis, M.A. 8-64965
- Fedotov, S.I.** see Belyaev, L.M. 8-74114
- Fedotov, V.D.**, Chernov, V.M., Khazanovich, T.N. Influence of slow molecular motions on the decay of transverse nuclear magnetisation in amorphous polymers 8-72423
- Fedotov, V.D.**, Kadievskii, G.M. Nuclear magnetic relaxation and molecular mobility in poly(ethylene terephthalate) 8-88219
- Fedotov, V.G.** see Bokhenkov, E.L. 8-51629
- Fedotov, V.K.** see Konev, D.G. 8-93655
- Fedotov, V.K.** see Petrulin, V.F. 8-92244
- Fedotov, V.P.** see Kuznetsov, V.M. 8-80181
- Fedotov, Yu.V.** see Bezobchuk, V.K. 8-88177
- Fedotova, L.N.** see Anisimov, V.I. 8-70624
- Fedro, A.J.** An exactly soluble local moment problem 8-52194
- Fedrochenko, I.M.**, Slys', I.G., Sosnovskii, L.A. Choice of method of boronizing porous stainless steel 8-60594
- Fedtschouk, A.** see Scudieri, F. 8-59737
- Fedulov, V.V.** see Filipchuk, E.V. 8-86643
- Fedunin, V.P.** see Erozkolinski, B.G. 8-78180
- Fedurkin, E.S.** see Babaev, V.S. 8-57942
- Fedyainova, N.I.** see Nazhalov, A.I. 8-75974, 8-84121
- Fedyanin, O.I.** see Berzhetskii, M.S. 8-59547
- Fedyanin, V.K.**, Jakushevich, L.V. The neutron scattering and exciton spectrum due to impurities in the molecular crystals with the resonance interaction 8-91622
- Fedyanin, V.K.** see Lindner, U. 8-87895
- Fedyanin, V.K.** see Makhan'kov, V.G. 8-84149
- Fedyanin, V.K.** see Moshchinskii, B.V. 8-56282
- Fedyk, Ya.D.** see Demkiv, O.T. 8-77025
- Fedyshin, M.I.** see Dutchak, Ya.I. 8-59752
- Fedyshin, Ya.I.** see Dutchak, Ya.I. 8-59752
- Fedyushin, E.E.** see Dergai, A.M. 8-58357
- Fee, D.C.** see Gotzmann, O. 8-68840
- Fee, D.C.** see Johnson, C.E. 8-74437
- Feeney, R.K.**, Sayle, W.E., II, Divine, T.F. Absolute experimental cross sections for the electron-impact ionization of Rb^+ ions 8-82849
- Feenstra, S.J.** see Pfeiffer, B. 8-78323
- Feenstra, S.J.** see van Klinken, J. 8-58531
- Fehler, A.** see Janos, S. 8-95281
- Fehler, J.** see Taborsky, L. 8-60748, 8-64629
- Fehler, M.** see Aki, K. 8-73338
- Fehrenbach, C.**, Andriat, Y. Fast variations of the H_α line profile in the star T Tauri 8-61859
- Fehrenbach, C.**, Burnage, R. Radial velocities, measured by correlation from objective prism plates in a stellar field at galactic latitude $b'' = -30^\circ$ 8-89173
- Fehrenbach, C.**, Duflot, M. Remarks on the catalogue of LMC supergiants published by Stock et al. (1976) 8-53941
- Fehrenbach, C.**, Duflot, M., Acker, A. Emission objects in the Large Magellanic Cloud 8-69875
- Fehrenbach, G.W.**, Gruntz, K.J., Ulbrich, R.G. Subpicosecond light pulses from a synchronously mode-locked dye laser with composite gain and absorber medium 8-79046

- Fehrenbach, P.J.**, Feraday, M.A., Cotnam, K.D., Morel, P.A. Irradiation behaviour of U-Si-Al with peripheral voidage 8-54835
- Fehsenfeld, F.C.**, Dotan, I., Albritton, D.L., Howard, C.J., Ferguson, E.E. Stratospheric positive ion chemistry of formaldehyde and methanol 8-57251
- Fehsenfeld, F.C.** see Davidson, J.G. 8-56879
- Fehsenfeld, F.C.** see Dotan, I. 8-76829, 8-76850
- Fehsenfeld, F.C.** see Lindinger, W. 8-60985
- Feibelman, P.J.**, McGuire, E.J. Valence-band Auger line shapes for Si surfaces: Simplified theory and corrected numerical results 8-52602
- Feibelman, P.J.**, McGuire, E.J., Pandey, K.C. Theory of Auger line shapes in chemisorption of Cl on Si (111) 8-56202
- Feibelman, W.A.** Nuclear brightness profiles of the X-ray globular cluster M15 compared to M3, M5 and M13 8-69848
- Feibelman, W.A.** see Brown, L.W. 8-54003
- Feierabend, S.**, Weber, H.G. Magnetoreflexion of S-excitons in cubic ZnSe 8-60426
- Feigel'man, M.V.** Two-dimensional quantum crystal with zero vacancies-He³ on graphite 8-60001
- Feigelson, E.**, Dexter, L., Liller, W. The optical variability of the X-ray binary AM Herculis 8-53952
- Feigelson, R.S.** see De Mattei, R.C. 8-64486
- Feigelson, R.S.** see De Mattel, R.C. 8-88433
- Feigelson, R.S.** see von Bardeleben, H.J. 8-64260
- Feigin, A.M.** The particle trapping influence on stimulated scattering of electromagnetic waves in plasma 8-75358
- Feigin, A.M.** see Litvak, A.G. 8-75333
- Feigin, L.A.** see Gonchar, N.A. 8-76987
- Feigin, L.A.** see Rol'bin, Yu.A. 8-79500
- Feigin, V.A.** Longitudinal dynamic susceptibility of the Heisenberg ferromagnet 8-64181
- Feijen, J.** see Van Der Scheer, A. 8-85359
- Feil, D.** Diffraction physics 8-71623
- Feil, D.** Experimental problems [electron density studies] 8-71630
- Feinberg, F.L.** Hamiltonian formulation of non-Abelian gauge fields and nonrelativistic bound states 8-70280
- Feinberg, F.L.** see Davis, S. 8-89621
- Feinberg, G.** Lorentz invariance of tachyon theories 8-54581
- Feinberg, J.**, Davis, S.P. Lifetime measurement in the α system (C³ Δ_3 -X² Δ_3) of TiO 8-55202
- Feinberg, M.**, Horn, F.J.M. Chemical mechanism structure and the coincidence of the stoichiometric and kinetic subspaces 8-56877
- Feingold, A.** see Gupta, K.G. 8-53064
- Feingold, A.** see Soliman, H.M. 8-94724
- Feinleib, M.**, Rutherford, S. A photoconductor for charge transfer electrophotography 8-65989
- Feinn, D.**, Ortoleva, P., Scaif, W., Schmidt, S., Wolff, M. Spontaneous pattern formation in precipitating systems 8-80792
- Feiock, F.D.** Wave propagation in optical systems with large apertures 8-66746
- Feissel, M.** see Debarbat, S. 8-89115
- Feist, J.H.**, Kolos, J., Ott, W., Speth, E. Injector design for Wendelstein VII A 8-54965
- Feist, J.-H.** A computer program for parameter studies of a neutral injection beam line 8-66390
- Feist, J.-H.** Investigation of titanium getter pumps for a neutral injection beam line 8-74491
- Feistel, R.**, Ebeling, W. Deterministic and stochastic theory of sustained oscillations in autocatalytic reaction systems 8-95922
- Feit, Z.** see Perakh, M. 8-75962
- Feitl, E.** see Hubeny, H. 8-75596
- Feitos da Costa, M.D.G.** see Muehe, D. 8-81144
- Fejer, A.A.** see Saxena, L.S. 8-75164
- Fejer, J.A.**, Cragin, B.L., Shown, R.L. Theory of a parametric instability excited by two pump waves 8-59572
- Fejer, J.A.**, Rinnert, K., Woodman, R. Detection of stimulated Brillouin scattering by the Jicamarca radar 8-77412
- Fejer, J.A.** see Cragin, B.L. 8-57381
- Fekete, G.T.**, Riva, C.E. Laser Doppler measurements of blood velocity in human retinal vessels 8-69174
- Fekel, F.C.** see Scarfe, C.D. 8-73736
- Fekeshgazi, I.V.** see Borsh, V.V. 8-64059
- Fekete, D.** see Margalit, S. 8-88026
- Fekete, D.** see Pepper, D.M. 8-71044, 8-74946
- Fekete, D.** see Yariv, A. 8-63039
- Fel'd, N.S.**, Dolin, P.I., Davydov, R.M., Vanag, V.K., Kuprin, S.P., Roldugin, N.M., Blyumenfel'd, L.A. Pulse radiolytic investigation of the dynamic characteristics of conformational nonequilibrium states of hemoglobin and its complexes 8-58877
- Felbeck, D.K.** Fractographic analysis of shear fracture of a forged steel axle spindle 8-68821
- Felber, F.S.** Laser acceleration of reactor-fuel pellets 8-86687
- Feld, M.S.** see Ducloy, M. 8-54472, 8-86976
- Fel'd, S.Ya.** see Fel'd, Ya.N. 8-86989
- Fel'd, Ya.N.**, Fel'd, S.Ya. The method of variation of constants applied to the excitation of a sphere by electric and magnetic currents 8-86989
- Fel'dberg, S.M.** see Kuznetsov, E.N. 8-49819
- Fel'dbush, V.I.** see Kotlyar, P.E. 8-90472
- Felder, R.D.** see Hudomalj-Gabitzsch, J. 8-70385
- Felder, R.D.** see Mutchler, G.S. 8-70387
- Felder, R.M.** Estimation of gas transport coefficients from differential permeation, integral permeation and sorption rate data 8-67868
- Felder, W.**, Fontijn, A. HIFFR kinetics studies of Sn/N₂O, a highly efficient chemiluminescent reaction 8-88636
- Felder, W.** see Fontijn, A. 8-63107
- Felderhof, B.U.** On the derivation of the fluctuation-dissipation theorem 8-49764
- Felderhof, B.U.** Diffusion of interacting Brownian particles 8-54304
- Felderhof, B.U.**, Jones, R.B. Faxen theorems for spherically symmetric polymers in solution 8-94342
- Felderhof, B.U.** see Kern, W. 8-51207
- Felderhof, B.U.** see Reuland, P. 8-94343
- Felderhof, B.U.** see Schmitz, R. 8-71307
- Fel'dgandler, E.G.**, Tolmacheva, G.A., Savkina, L.Ya. Structural transformations in maraging stainless steel 03Kh12K12D2 8-84867
- Feldkamp, L.A.**, Davis, L.C. Atoms, ions and solids: the M_{2,3} excitation spectra 8-91653
- Feldkamp, L.A.** see Davis, L.C. 8-78656
- Feldman, A.** Ultralinear bistable electro-optic polarization modulator 8-83077
- Feldman, A.**, Waxler, R.M., Horowitz, D. Photoelastic constants of germanium 8-68474
- Feldman, A.S.**, Katz, D. Effects of stimulus duration and stimulus off time on the auditory and acoustic reflex thresholds 8-73164
- Feldman, B.J.**, Chou, H.-h., Wong, K.G. Density and binding energy of electron-hole droplets in uniformly stressed germanium 8-60062
- Feldman, B.J.** see Babcock, R.V. 8-50815
- Feldman, B.J.** see Bergmann, E.E. 8-87097
- Feldman, B.J.** see Fisher, R.A. 8-58019
- Feldman, B.J.** see Lyman, J.L. 8-66615
- Feldman, C.**, Blum, N.A., Charles, H.K., Jr., Satkiewicz, F.G. Evaporated polycrystalline silicon films for photovoltaic applications—grain size effects 8-72034
- Feldman, C.L.**, Brauner, R.A., Daugherty, C., Paraskos, J.A., Haffajee, C. On-line computer analysis of echocardiograms 8-80941
- Feldman, C.L.**, Jones, D.R., Singer, P.J., Harland, M., Hildner, F. An algorithm for automatic selection of end diastolic and end systolic cine frames 8-88757
- Feldman, C.L.** see Klein, M.D. 8-81017
- Feldman, D.W.**, Liu, C.S., Pack, J.L., Weaver, L.A. Long-lived sealed-off lead vapor lasers 8-50808
- Feldman, D.W.**, Liu, C.S., Pack, J.L., Weaver, L.A. Long-lived lead-vapor lasers 8-79037
- Feldman, E.E.** see Koenig, J.F. 8-86595
- Fel'dman, E.I.**, Glazkov, A.Ya., Pashkova, T.V., Kondratyuk, A.M., Pilyushenko, V.L. Problem of determining inherent austenitic grain size of carbon and low-alloy steels 8-85071
- Fel'dman, E.P.** see Bass, F.G. 8-88047
- Feldman, G.**, Fulton, T. The puzzle of the singlet states of charmonium: a possible resolution 8-74225
- Feldman, G.J.** see Feller, J.M. 8-66136
- Feldman, G.J.** see Heile, F.B. 8-74238
- Feldman, G.J.** see Himel, T. 8-78157
- Feldman, G.J.** see Jaros, J.A. 8-50042
- Feldman, G.J.** see Osborne, L.S. 8-66267
- Feldman, G.J.** see Peruzzi, I. 8-74252
- Feldman, G.J.** see Scharre, D.L. 8-89723
- Feldman, G.J.** see Tanenbaum, W. 8-66113
- Feldman, G.J.** see Vuillemin, V. 8-93876
- Feldman, I.G.** see Baru, S.E. 8-62282
- Fel'dman, I.G.** see Vazina, A.A. 8-65155
- Feldman, L.C.** Review of ion scattering methods for surface structure deformation 8-71907
- Fel'dman, L.S.** see Zapunnyi, A.I. 8-72974, 8-76816
- Feldman, P.A.** see Higgs, L.A. 8-81701
- Feldman, P.D.** Auroral excitation of optical emissions of atomic and molecular oxygen 8-88964
- Feldman, P.D.** see Benesch, W. 8-66549
- Feldman, P.D.** see Brune, W.H. 8-81482
- Feldman, P.D.** see Henry, R.C. 8-65726, 8-93401
- Feldman, U.**, Doschek, G.A. The electron density at 10⁵K in different regions of the solar atmosphere derived from an intersystem line of O IV 8-53903
- Feldman, U.**, Doschek, G.A. Emission-line spectra of two active regions on the solar limb: 1175-1940 Å 8-96446
- Feldman, U.** see Cohen, L. 8-89139
- Feldman, U.** see Doschek, G.A. 8-85922
- Feldman, W.C.**, Asbridge, J.R., Bame, S.J., Gosling, J.T. Long-term variations of selected solar wind properties: Imp 6, 7, and 8 results 8-77452
- Feldman, W.C.** see Gosling, J.T. 8-77447, 8-89494
- Feldman, W.C.** see Schwenn, R. 8-57419
- Feldman, Y.D.**, Goncharov, V.A., Zuev, Y.F., Valitov, V.M. Time domain treatment of TDS data for the lumped-capacitance method [for dielectric response function] 8-95539
- Feldmann, H.** see Voshage, H. 8-65473
- Feldmann, P.** see Fadly, M. 8-95577
- Feldmann, P.** see Guillot, M. 8-95406
- Feldner, E.**, Orlamunder, R. Laser losses in Y₃Al₅O₁₂ crystals 8-66849
- Feldon, S.E.**, Andrews, B.W., Pollen, D.A. Periodic complex cells in cortical area 19 of the cat 8-56974
- Feldon, S.E.** see Pollen, D.A. 8-69057
- Fel'dshchey, YA.I.** see Rezhnev, B.V. 8-73583
- Feldtkeller, E.** see Treitinger, L. 8-84214
- Feldtman, R.W.**, Andrassy, R.J., Stoner, D.L., Buckley, C.J., Norman, W.L. A variable-speed pump head control for autotransfusion 8-57121
- Felenbok, P.** see Freire, R. 8-85939
- Fel'genkhauer, U.** see Borodin, M.O. 8-65884
- Felice, F.** de see de Felice, F.
- Felice, M.** de see de Felice, M.
- Felicitetti, F.** see Esposito, B. 8-66132
- Felici, N.**, Lacroix, J.C. Electroconvection in insulating liquids with special reference to uni- and bipolar injection. A review of the research work at the CNRS Laboratory for Electrostatics, Grenoble 1969-1976 8-87405
- Felippa, C.A.** Iterative procedures for improving penalty function solutions of algebraic systems 8-57770
- Felix, F.W.**, Graneli, B., Muller, M. Thermal stability of neutron-induced damage in potassium chloride single crystals 8-79634
- Felix, L.G.** see Smith, W.B. 8-88658
- Felix, M.M.P.**, Munier, B., Reboul, J.P., Linhn, N.T. MIS capacitors on PbTe for 5 micron infrared detection 8-52101
- Felkel, H.L.**, Jr., Pardue, H.L. Simultaneous multielement determination by atomic emission with an echelle spectrometer interfaced to image dissector and silicon vidicon tubes 8-61081
- Fell, B.** see Salge, J. 8-63601
- Fellah, M.** see Hammam, T.F. 8-57816
- Feller, C.-H.** Multichannel precision temperature measuring device with linearization for Pt 100-resistance thermometers 8-77914
- Feller, J.M.**, Litke, A.M., Madaras, R.J., Ronan, M.T., Barbaro-Galtieri, A., Dorfan, J.M., Ely, R., Feldman, G.J., Fong, A., Gobbi, B., Hanson, G., Jaros, J.A., Kwan, B.P., Lecomte, P., Luke, D., Martin, J.F., Miller, D.H., Parker, S.I., Perl, M.L., Peruzzi, I., Piccolo, M., Pun, T.P., Rapidis, P.A., Ross, R.R., Scharre, D.L., Trippe, T.G., Vuillemin, V., Yount, D.E. Inclusive electron production in multiprong events produced by e⁺e⁻ annihilation 8-66136
- Feller, J.M.** see Jaros, J.A. 8-50042
- Feller, J.M.** see Scharre, D.L. 8-89723
- Feller, J.M.** see Vuillemin, V. 8-93876
- Feller, S.A.** see Jellison, G.E., Jr. 8-94999
- Feller-Kniepmeier, M.** see Salje, G. 8-60658
- Fellers, J.F.**, Yu-Der Lee, Zdrachala, R.J. Morphologies and tensile properties of triblock poly(m-phenylene isophthalamide-b-ethylene oxide) and poly(m-phenylene isophthalamide-b-dimethyl siloxane) 8-91263
- Felli, M.**, Harten, R.H., Habing, H.J., Israel, F.P. A high resolution search for small scale structure in Sharpless H II regions at 4.995 GHz. The catalogue 8-61755
- Felli, M.**, Tofani, G., Harten, R.H., Panagia, N. The thermal radio emission from the S 155 Nebula and the Cepheus OB 3 association 8-96514
- Felli, M.** see Donati Falchi, A. 8-53910
- Fellner, P.**, Chrenkova-Paucirova, M. Calculation of the phase diagram of the ternary system diopside-akermanite-leucite 8-80529
- Fellows, C.J.**, Shaw, F. A laboratory investigation of glass to mould heat transfer during pressing 8-80500
- Fellows, R.L.** see Wild, J.F. 8-75645
- Fellstrom, B.**, Nordgren, L., Antoni, L. A mini-computer system for display and rate analysis in vectorcardiography 8-92738
- Felner, I.**, Nowik, I. Magnetism and hyperfine interactions in EuM₂Ge₂ and GdM₂Ge₂ (M=Mn, Fe, Co, Ni, Cu) 8-76228
- Felner, I.**, Nowik, I. Crystal structure magnetic properties and hyperfine interactions in RFe₄Al₃ (R=rare earth) systems 8-87648
- Felner, I.** see Bauminger, E.R. 8-52407
- Felner, I.** see Ben-Dor, L. 8-51507
- Felner, I.** see Bloch, J.M. 8-84481
- Felner, I.** see Dokter, H.D. 8-52348

- Felps, W.S., Wittel, K., McGlynn, S.P. Molecular Rydberg transitions. Cis-dibromoethylene 8-78718
- Felps, W.S. see Scott, J.D. 8-66561, 8-66573
- Felsch, K.O., Felsch, K.O. Turbulence measurements in 3-dimensional turbulent boundary layers and comparison with shear stress hypotheses 8-94664
- Felsch, K.O. see Felsch, K.O. 8-94664
- Felsen, L.B. Review of techniques for propagation in slab and fiber waveguides 8-87160
- Felsen, L.B. see Bertoni, H.L. 8-90356
- Felsen, L.B. see Choudhary, S. 8-55484, 8-66941
- Felsen, L.B. see Santana, C. 8-79039, 8-82991
- Felsentregger, T.L., Marsh, J.G., Williamson, R.G. Tidal perturbations on the satellite 1967-92A 8-61307
- Felske, D., Dettmann, R. Theoretical interpretation of the nighttime behaviour of total electron density in the ionosphere 8-69570
- Felske, J.D., Tien, C.L. The use of the Milne-Eddington absorption coefficient for radiative heat transfer in combustion systems 8-90680
- Felst, R. see Brandelik, R. 8-62416
- Felsteiner, J. see Opher, R. 8-62222
- Felstzynski, T. see Dzikowski, A. 8-88929
- Felter, T.E., Estrup, P.J. Adsorption of carbon monoxide on the molybdenum (100) surface 8-87873
- Felthausen, H.E. see Bame, S.J. 8-85788, 8-85800
- Felton, R.H. see Cheung, L.D. 8-58698
- Felty'n, I.A. see Bekeris, Yu.Ya. 8-80082
- Felty'n, I.A. see Bochans, P.Ya. 8-52095
- Feltz, K.A., Jr. see McNamara, D.H. 8-73720
- Fel'zenbaum, A.I. see Aksenov, A.V. 8-61427
- Femino, S. see Arena, N. 8-82357
- Femmine, P. Delle see Delle Femmine, P.
- Fenby, D.V., Chand, A. Thermodynamic study of deuterium exchange in water-methanol systems 8-94328
- Fender, B.E.F. see Knorr, K. 8-79970
- Fender, D.H. see Kavanagh, R.N. 8-92613
- Feng, D.H. see Gilmore, R. 8-66237
- Feng, H.C. see Banerji, S.K. 8-52978
- Feng, H.C. see Briant, C.L. 8-76735
- Feng, H.C. see Ucisik, A.H. 8-52863
- Feng, H.C., Jr. see Ogura, T. 8-84761
- Feng, M., Windhorn, T.H., Tashima, M.M., Stillman, G.E. Liquid-phase epitaxial growth of lattice-matched InGaAsP on (100)-InP for the 1.15-1.31- μ m spectral region 8-64483
- Feng Da Hsuan see Da Hsuan Feng
- Feng Ke-An Two examples of non-equilibrium phase transition-optical parametric oscillation and laser 8-83030
- Feng Ke-An, Cai Jun-Dao, Pu Fu-Cho Fredholm integral equation of the second kind in antenna theory 8-66708
- Feng Ke-An see Gan Zi-Zhao 8-90236
- Fenic, C. The interaction of the laser radiation with the active amplifying medium 8-59011
- Fenin, V.V. see Arsenov, P.A. 8-64408
- Fenlon, F.H. On the maximum achievable conversion efficiency of a parametric acoustic array 8-71242
- Fenlon, F.H., Wilson, G.L. Control of the directional response of acoustic transducer array elements on curved surfaces by modification of the diffracted field 8-66973
- Fenn, J.B. see El-Hang Lee 8-76927
- Fenn, J.B. see Lee, N. 8-89585
- Fennel, W., Lass, H.U. On the problem of explicit scale-dependent eddy diffusion coefficients 8-67191
- Fennell, J.F. see Croley, D.R., Jr. 8-89005
- Fennell, J.F. see Mizera, P.F. 8-73587
- Fenner, D.N. Analogues relating the plane and bending problems for a bi-material elastic composite 8-87265
- Fenner, J., Mootz, D. The crystal structure of gold telluride iodide AuTeI 8-51504
- Fenselau, C. see Subba Rao, S.C. 8-70929
- Fensham, P.J. see Scott, C.C. 8-57712
- Fenske, G., Das, S.K., Kaminsky, M., Miley, G.H. Depth distribution of bubbles in $^4\text{He}^+$ -ion irradiated nickel and the mechanism of blister formation 8-95088
- Fenske, G. see Das, S.K. 8-95067
- Fenske, R.F. see Bursten, B.E. 8-62721
- Fenske, R.F. see Jensen, J.R. 8-82606, 8-90082
- Fent, J. see Corden, M.J. 8-62470
- Fenton, A.G. see Duldig, M.L. 8-69913
- Fenton, K.B. see Duldig, M.L. 8-69913
- Fenton, M.M. see Babcock, E.A. 8-65347
- Fenyes, T., Uray, I. Small cyclotrons and their applications. I 8-74517
- Fenyes, T. see Uray, I. 8-70656
- Fenzke, D. see Dohler, H. 8-84486
- Fenzl, H.J. see Boning, K. 8-75758
- Fenzl, H.J. see Werner, K. 8-95062
- Feofilaktov, V.A. see Konev, Yu.B. 8-71124
- Feoktistova, N.N. see Belyaev, L.M. 8-52445
- Feoktistov, A.I. see Svitashv, K.K. 8-62219
- Feoktistov, V.A. Electric strength and electrical conductivity of a volume discharge in the presence of external ionization 8-91180
- Feoktistova, O.P. Dynamic error of a gyrostabilizer with a nonlinear suspension bearing characteristic 8-75063
- Feraday, M.A. see Fehrenbach, P.J. 8-54835
- Ferch, R.L. see Banerjee, S. 8-94528
- Ferdous, N. see Barker, F.C. 8-89789
- Ferenci, D. see Youtz, E. 8-81738
- Ferenczi, G., Kiss, J., Somogyi, M. Remarks on space-charge spectroscopy; an analysis on the temperature dependence of the junction capacitance 8-91758
- Ferey, G., de Pape, R., Boucher, B. Magnetic structure of the antiferromagnetic fluoride MnCrF_5 8-52211
- Ferguson, A.I. see Wagstaff, C.E. 8-66850
- Ferguson, A.K. see Le Maitre, R.W. 8-57325
- Ferguson, C.R., Keck, J.C. Hot-wire pyrometry 8-65936
- Ferguson, D.C. Deriving pulsar sub-pulse widths from equivalent widths of integrated profiles 8-65640
- Ferguson, E.E. see Davidson, J.A. 8-56879
- Ferguson, E.E. see Dotan, I. 8-76829
- Ferguson, E.E. see Fehsenfeld, F.C. 8-57251
- Ferguson, G.D. Large size, lightweight scanning mirror 8-66891
- Ferguson, J. see McKay, G.R. 8-72760
- Ferguson, J.A. see Booker, H.G. 8-85764
- Ferguson, J.B., Morris, H.H. Single-mode collapse in 6328-Å He-Ne lasers 8-94404
- Ferguson, J.L., Liming, F.G. Model of the solar system 8-86095
- Ferguson, J.M. Particle-vibrator model for intermediate structure in neutron scattering from ^{56}Fe 8-70535
- Ferguson, P., Wallis, R.F., Belakhovsky, M., Jadot, J.P., Tomkinson, J. Surface plasma waves in silver and gold 8-88015
- Ferguson, P.E. On the experimental determination of a ferromagnetic surface layer in antiferromagnetic chromium 8-68356
- Ferguson, R.L. see Mustafa, M.G. 8-82401
- Ferguson, R.L. see Plasil, F. 8-54797
- Ferguson, T. see Bacino, W. 8-70351
- Ferguson, W., Saffman, P., Yuen, H. A model equation to study the effects of nonlinearity, surface tension and viscosity in water waves 8-83421
- Ferguson, W.E., Jr. see Yuen, H.C. 8-81874
- Fergusson, A., Rogers, R.R. Joint statistics of rain attenuation on terrestrial and Earth-space propagation paths 8-73490
- Ferla, G. see Baldi, L. 8-83961
- Ferla, G. see Cerofolini, G.F. 8-72044
- Ferland, G.J., Shields, G.A. Fine-structure lines and the 10 micron excess of Nova Cygni 1975 8-93269
- Fernald, F.G. see Goldman, A. 8-61493
- Fernandes, R. Lateral support structure for constant tension D-shaped coils in Tokamak fusion devices 8-55013
- Fernandez, B., Gaarde, C., Larsen, J.S., Pontopidan, S., Videback, F. Fusion cross sections for the $^{16}\text{O}+^{16}\text{O}$ reaction 8-94043
- Fernandez, B. see Badawy, I. 8-66291
- Fernandez, E. see Cooper, A.M. 8-62465
- Fernandez, F., Nalda, J.C. On the isobaric analogue between lighter nuclei 8-78389
- Fernandez, J., Tello, M.J., Arriandiaga, M.A. Basic structural types and polymorphisms in ABC_3 compounds 8-79583
- Fernandez, J. see Arriandiaga, M.A. 8-75804
- Fernandez, J.A. Mass removed by the outer planets in the early solar system 8-53841
- Fernandez, J.C., Reinisch, G. Generation of very-high-velocity satellite-features through stimulated Raman scattering of 22.2 GHz H_2O maser-lines in compact H II plasma regions. One-dimensional model 8-73746
- Fernandez, J.C., Reinisch, G., Bondeson, A., Weiland, J. Collapse of a Korteweg de Vries soliton into a weak noise shelf 8-57792
- Fernandez, J.C. see Reinisch, G. 8-86192, 8-93537
- Fernandez, J.-C., Reinisch, G. Collapse of a Volterra soliton into a weak monotone shock wave 8-49673
- Fernandez, L., Foussats, A., Laura, R., Lewis, J., Zandron, O. Massless spin two field, covariant quantization in a general covariant gauge: the free field case 8-66027
- Fernandez, L. see Talia, J.E. 8-95860
- Fernandez Valverde, S., Duplatre, G., Mad-dock, A.G. Exchange between normal lattice occupants 8-92470
- Fernandez-Escartin, V., Moreno-Diaz, R. A spatio-temporal model of cat's retinal cells 8-92621
- Fernandez-Pacheco, A., Grifols, J.A., Schmidt, I.A. Some consequences of a scale-breaking model in electron and neutrino deep inelastic scattering 8-66122
- Fernandez-Pello, A.C. see Santoro, R.J. 8-59529
- Ferng, M. see Tou, J.T. 8-73280
- Fernholz, H.H., Vagt, J.-D. Measurements in an axisymmetric turbulent boundary layer with weak and strong three-dimensional disturbances 8-90857
- Fernsler, R.F. see Greig, J.R. 8-71568
- Feroe, J.A. Local existence of the nerve impulse 8-96045
- Ferorelli, R. see Anelli, E.F. 8-82585
- Ferraioli, F., Ruggeri, T., Virgopia, N. Problems on gravitational collapse of interstellar gas clouds. II. Caustic and critical times for a one-dimensional hydrodynamic model 8-93367
- Ferran, G., Leite de Andrade, S. Structural damage in sheet metal forming 8-64614
- Ferrand, B., Moriceau, H., Challeton, D., Daval, J. Properties of 2 μm bubbles garnet films 8-91910
- Ferrand, D.J. see Julia, Y.H. 8-54362
- Ferrando, A., Chaloupka, V., Losty, M., Montanet, L., Paul, E., Zieminski, A. A critical discussion of a prism plot analysis of the four-body reaction $\pi^+p \rightarrow \pi^+\pi^+\pi^-\pi^+$ at 3.93 GeV/c 8-54650
- Ferrando, A. see Nacasch, R. 8-54646
- Ferrante, A.J. see Partridge, P. 8-77286
- Ferrante, G., Lo Cascio, L. An alternative approach for the determination of the parameters in semi-empirical model potentials 8-50476
- Ferrante, J., Smith, J.R. Self-consistent electronic densities and adhesive energies at metallic interfaces 8-72005
- Ferrante, J.J. see Heinrich, J.P. 8-50391
- Ferrante, J.J. see Quay, R. 8-50390
- Ferrante, M.J. see Cubicciotti, D. 8-91432
- Ferrara, G.C. see d'Amore, F. 8-69387
- Ferrara, G.C. see Panichi, C. 8-69312
- Ferrara, M. see Catalano, I.M. 8-84608
- Ferrara, S., Girardello, L., Sciuto, S. An infinite set of conservation laws of the supersymmetric sine-Gordon theory 8-62313
- Ferrara, S., Grisar, M.T., Van Nieuwenhuizen, P. Poincare and conformal supergravity models with closed algebras 8-74198
- Ferrara, S., van Nieuwenhuizen, P. The auxiliary fields of supergravity 8-49743
- Ferrara, S., van Nieuwenhuizen, P. Tensor calculus for supergravity 8-70037
- Ferrari, A., Le Ralle, J.-C., Ropars, A. Statistic analysis of operation of pressurized water reactors 8-58374
- Ferrari, A. see Scudieri, F. 8-59737
- Ferrari, A.J., Nelson, D.L., Sjogren, W.L., Phillips, R.J. The isostatic state of the lunar Apennines and regional surroundings 8-77503
- Ferrari, A.J. see Bills, B.G. 8-85880
- Ferrari, G., Porteseil, J.L., Vergne, R. Thermally activated motion of a 180° Bloch wall in a Fe-Si single crystal 8-95457
- Ferrari, G. see Cecchetti, A. 8-91888
- Ferrari, G. see Cumo, M. 8-94096
- Ferrari, J.M. see Rado, G.T. 8-68346
- Ferrari, L. On the velocity distribution function of light ions in heavy gases in an electric field 8-83526
- Ferrari, L. The Maxwell model in kinetic theory of weakly ionized gases in electrostatic fields: ion velocity distribution and moments 8-94879
- Ferrario, A. see Bianchi, A. 8-66865
- Ferrario, B. see Rosai, L. 8-70627
- Ferrario, C. see Carotta, M.C. 8-54307
- Ferraro, M. Absorption measures and orientation of absorption momenta in the biological structures: a theoretical approach 8-53326
- Ferrato, J.P. see Neubert, M.E. 8-51409
- Ferray, M. see Sayer, B. 8-66486
- Ferraz, A., Grou, P.J., March, N.H. Model results for π electrons in polyenes 8-55128
- Ferre, J., Regis, M. Optical determination of the Cu-Mn-exchange interaction in $\text{K}_2\text{Cu}_{1-x}\text{Mn}_x\text{F}_6$ 8-72551
- Ferreira, C.M., Delcroix, J.L. Theory of the low cathode arc 8-67452
- Ferreira, G.P. see Lopes, J.S. 8-66646
- Ferreira, L.G., Leite, J.R. General formulation of the variational cellular method for molecules and crystals 8-94192
- Ferreira, L.G. see Guimaraes, P.S. 8-87941
- Ferreira, P.L. see Bollini, C.G. 8-66062
- Ferreira, R. see Gomes, M.A.F. 8-80783
- Ferreira, R.C. see de Melo, L.C. 8-82628
- Ferreira da Silva, A. see Chao, K.A. 8-91691
- Ferrell, R.A. see Dohm, V. 8-91498
- Ferrer, M.I. see Bonner, R.E. 8-57086
- Ferrer, M.T. see Cruz Martinez, A. 8-61164
- Ferrer, R., Harris, R., Zobin, D., Zuckermann, M.J. High field magnetization and magneto-resistance of amorphous alloys containing rare earth atoms 8-72136
- Ferrer, R., Zuckermann, M.J. Antiferromagnetism in amorphous alloys containing rare-earth atoms. I. The molecular field approximation 8-80142
- Ferrero, J.L. see Bilwes, B. 8-78341
- Ferretti, C. see Caviglia, G. 8-86207
- Ferretti, R. see Fahrner, W.R. 8-84306
- Ferri, D. see Ciavatta, L. 8-53240
- Ferrier, A. see Baud, J. 8-88575
- Ferrier, H. see Corcoran, J. 8-71135
- Ferrier, R.P. see Chapman, J.N. 8-84448

- Ferrier, R.P. *see* Clark, W.R.K. 8-87596
- Ferris, C.D., Ambardar, A. A simple ultrasonic transducer for measuring shear-wave velocities [appl. to bone] 8-83201
- Ferris, C.D. *see* Ambardar, A. 8-55487
- Ferris, S. *see* Bachmann, K.J. 8-68618
- Ferris, S.D. *see* Schmidt, P.H. 8-93783
- Ferro, L.J., Spicer, L.D. Determination of the spectrum of recoil energies for chlorine atoms generated by the $^{37}\text{Cl}(\text{n},\gamma)^{38}\text{Cl}$ nuclear process 8-86531
- Ferro, R. *see* Delfino, S. 8-60653
- Ferro, R. *see* Rambaldi, G. 8-76630
- Ferro, R. *see* Rossi, D. 8-51469, 8-59782
- Ferro-Luzzi, M. *see* Alston-Garnjost, M. 8-66152
- Ferro-Luzzi, M. *see* Alston-Garnjost, M. 8-82235
- Ferro-Milone, A. *see* Allia, P. 8-91917
- Ferro-Milone, A. *see* Candelio, C. 8-95419
- Ferron, G., Quintard, M. Evidence of an internal friction phase transformation peak in niobium-hydrogen alloys 8-52881
- Ferron, G., Quintard, M., Mazot, P. The α peak in cold-worked and hydrogen-loaded niobium 8-92307
- Ferron, J. *see* Baragiola, R.A. 8-80446
- Ferron, J.R. *see* Singh, A.N. 8-83464
- Ferroni, F. *see* Amaldi, E. 8-78222
- Ferroni, R. *see* Trosti, R. 8-60222
- Ferry, D.K. Warm electrons in degenerate quasi-two-dimensional semiconductors 8-60222
- Ferry, D.K. Scattering by polar-optical phonons in a quasi-two-dimensional semiconductor 8-72237
- Ferry, D.K. *see* Das, P. 8-60223
- Ferry, D.K. *see* Kee, R.W. 8-95375
- Ferry, J.D. Viscoelastic properties of dilute polymer solutions 8-94626
- Fersels, L. *see* Callens, A. 8-83874
- Fert, A. *see* Hamzic, A. 8-76053
- Fert, A. *see* Levy, P.M. 8-68015
- Fert, A.R., Bertrand, D., Leotin, J., Ousset, J.C., Magarino, J., Tuchendler, J. Excitation of two spin deviations by far infrared absorption in Fe_2 8-80339
- Fertig, J., Rose, H. Image of a sulfur atom: fact or artifact? 8-70229
- Fertig, W.A. *see* Johnston, D.C. 8-60240
- Fertin, G. *see* Boutier, A. 8-71405
- Fertman, V.E. *see* Berkovsky, B.M. 8-94846
- Ferwerda, H.A. *see* van Toorn, P. 8-78047
- Feschotte, P. *see* Bagnoud, P. 8-52770
- Fesefeldt, H., Ochs, W., Stodolsky, L. The energy profile of a proton jet 8-50018
- Fesefeldt, H. *see* Blobel, V. 8-58213
- Fesefeldt, H. *see* Idschok, U. 8-93908
- Fesen, R.A. *see* Kirshner, R.P. 8-93375
- Fesenko, A.I., Menchev, Yu.P., Borisyuk, V.S. Automatic equipment with digital output for determining thermodynamic enthalpy and mean specific heat of materials 8-57951
- Fesenko, B.I. The intragalactic factor and the apparent distribution of external objects 8-96552
- Fesenko, E.G. *see* Dergunova, N.V. 8-95041
- Fesenko, E.G. *see* Dudkevich, V.P. 8-72478
- Fesenko, E.G. *see* Kuleshov, V.V. 8-56430
- Fesenko, E.G. *see* Raevskii, I.P. 8-92029
- Fesenko, E.G. *see* Shilkina, L.A. 8-72768
- Fesenko, E.G. *see* Surowiak, Z. 8-64326, 8-64339
- Feshchenko, Z.P. *see* Kiselevskii, L.I. 8-75475
- Fesler, R., Brohet, C.R., Derwael-Barchy, C. Digital recording of electrocardiograms by a mobile cart equipped with microprocessor and DC 300 cartridge recorder 8-85427
- Fesler, R. *see* Brohet, C.R. 8-85437
- Fessenden, R.W. *see* Shimamori, H. 8-59536
- Fessenden, T.J. *see* Lauer, E.J. 8-83544
- Fessenko, B.I. The zodiacal light and the apparent magnitudes of galaxies 8-93389
- Fesun, A.V., Melik-Gaikazyan, I.Ya., Belova, N.S. Defect formation in the cation sublattice of KBr whisker crystals at the effective temperature. [Thermoluminescence and ionic conductivity measurements] 8-84666
- Fetecau, C. On the thermodynamics of some linear flows of simple fluids with memory 8-90812
- Fetisov, E.P., Khmelinin, A.B. Two-component Fermi liquid with electron-hole pairing 8-51905
- Fetisov, I.K. *see* Duvidzon, V.M. 8-75471
- Fetisov, I.K. *see* Tyuryukanov, P.M. 8-75472
- Fetisov, N.I. *see* Lovchikova, G.N. 8-54764
- Fetisov, Y.K. *see* Tyuryukanov, P.M. 8-75473
- Fetiveau, Y. *see* Briot, R. 8-76412
- Fetscher, W. *see* Poth, H. 8-70979
- Fetter, A.L. Nonplanar textures of ^3He -A in a slab 8-51777
- Fetter, A.L. Hydrodynamic stability of ^3He -A 8-67881
- Fetterman, H.R., Tannenwald, P.E., Clifton, B.J., Parker, C.D., Fitzgerald, W.D., Erickson, N.R. Far-IR heterodyne radiometric measurements with quasioptical Schottky diode mixers 8-77958
- Feuchtwang, T.E. The golden rule formalism in electron tunneling. Can it be justified? 8-90259
- Feuchtwang, T.E., Cutler, P.H., Nagy, D. A review of the theoretical and experimental analyses of electron spin polarisation in ferromagnetic transition metals. II. New theoretical results for the analysis of ESP in field emission, photoemission, and tunnelling 8-76592
- Feuchtwang, T.E., Cutler, P.H., Schmit, J. A review of the theoretical and experimental analyses of electron spin polarisation in ferromagnetic transition metals. I. Field emission, photoemission, magneto-optic Kerr effect and tunnelling 8-76591
- Feuerbacher, B., Fitton, B., Willis, R.F. Introduction [to photoemission and the electronic properties of surfaces] 8-95663
- Feuerbacher, B. *see* Willis, R.F. 8-95670
- Feuerbacher, B., Fitton, B., Willis, R.F. (editor) Photoemission and the electronic properties of surfaces 8-95662
- Feuerbaum, H.P., Otto, J. Beam chopper for subnanosecond pulses in scanning electron microscopy 8-58096
- Feuillade, C., Baker, J.G. Foreign-gas line-width-broadening measurements in formaldehyde 8-74744
- Fevrier, A., Peninou, J.J. Losses in a coil where the multifilamentary composite is subjected to simultaneous orthogonal and parallel induction variations 8-62637
- Few, A.A. *see* Burke, H.K. 8-85637
- Few, A.A. *see* Weber, M.E. 8-61577
- Fewell, M.P. *see* Spear, R.H. 8-70559
- Fey, H.-J., Lubitz, W., Zimmermann, H., Plato, M., Mobius, K., Biehl, R. ^{13}C - and proton-ENDOR studies of ^{13}C -labelled organic radicals 8-55190
- Feygin, V.M. *see* Tulinov, V.F. 8-69575
- Feynman, R.P. *see* Field, R.D. 8-58168
- Ffowcs Williams, J.E., Kempton, A.J. The noise from the large-scale structure of a jet 8-94792
- Ffowcs Williams, J.E. *see* Dowling, A.P. 8-79313
- Fi Chuang *see* Chuang Fi
- Fiala, J., Pelant, I., Sladky, P., Vacek, K. Optical, acoustical and acousto-optical properties of silver chloride single crystals 8-76417
- Fiala, J., Zverina, O., Cadek, J. Surface energy of metals measured by zero-creep technique at extremely low oxygen partial pressures 8-63926
- Fialkov, A.S., Mikhailova, V.A., Polyakova, N.V., Gurvits, E.D., Bondarenko, N.V., Shashkova, T.N., Savost'yanova, N.A. Effect of boron on the development of the structure of high-modulus carbon fibers 8-68715
- Fialkov, Yu.N. *see* Titov, V.V. 8-91243
- Fiander, D. *see* Bloess, D. 8-82552
- Fibich, M. Relaxation of remanent magnetisation in a model spin glass 8-91873
- Fibich, M., Dvay-Aharon, H. Transition temperature and critical concentration of random binary alloys 8-52266
- Fibich, M., Riess, I., Ron, A. Thermodynamic properties of spin glasses 8-52280
- Fibich, M. *see* Bersman, R. 8-76475
- Fibich, M. *see* Riess, I. 8-52281
- Ficalora, P.J. *see* Pecora, L.M. 8-72285
- Ficalora, P.J. *see* Sieradzki, K. 8-80642, 8-84985
- Ficara, P.L., Graziani, U., Maraniello, G., Rocca, U.V. Thermal conductance of the pellet-clad gap of fuel rods: experimental results and analytical correlations 8-70606
- Ficarra, V. *see* Cosentino, P. 8-65191
- Ficcandenti, G. *see* Laura, P.A. 8-83294
- Fiche, C. *see* Blachot, J. 8-50134
- Fichtel, C.E., Simpson, G.A., Thompson, D.J. Diffuse gamma radiation 8-65725
- Fichtner, K. A new deduction of a complete list of OD-groupoid families for OD-structures consisting of equivalent layers 8-59776
- Fichtner, N., Becker, K., Bashir, M. Catalogue and classification of technical safety standards, rules and regulations for nuclear power reactors and nuclear fuel cycle facilities 8-58384
- Fichtner-Schmittler, H. Some remarks on the correction of interplanar spacings from Guinier powder photographs 8-63636
- Fick, D. *see* Caplar, R. 8-78262
- Fick, D. *see* Dreves, W. 8-89904
- Fick, S.E., Harvey Palmer, C. Three-dimensional real-time measurements of ultrasonic waves in transparent solids 8-90613
- Fickett, F.R. *see* Ho, J.C. 8-83966
- Ficocelli, E. *see* Capitelli, M. 8-63542
- Fiddy, M.A. *see* Ross, G. 8-50701
- Fide Kahn *see* Malmin, R.E. 8-78410
- Fidecaro, G. Polarised proton beams produced by hyperon decay: summary of discussions 8-58517
- Fidecaro, G., Fidecaro, M., Nurushev, S., Poyer, Ch., Solovianov, V., Steuer, M., Vascotto, A., Gasparini, F., Posocco, M., Voci, C., Birsà, R., Bardamante, F., Giogri, M., Lanceri, L., Penzo, A., Piemontese, L., Schiavon, P., Villari, A., Bartl, W., Fruhwirth, R., Gottfried, C., Leder, G., Majerotto, W., Neuhofer, G., Pernicka, M., Regler, M., Stradner, H. Evidence for spin effects in pp elastic scattering at 150 GeV/c 8-66157
- Fidecaro, M. *see* Fidecaro, G. 8-66157
- Fidell, S. Nationwide urban noise survey 8-90586
- Fidel'man, V.R., Zhuravlev, V.A. Computer simulation of elementary acts of self-diffusion along edge dislocations in metals with FCC and BCC lattices 8-87810
- Fidler, P. *see* Brauer, E. 8-63405
- Fidone, I., Gomberoff, L. Fast-slow mode conversion near the ion-ion hybrid resonance 8-91102
- Fidone, I., Granata, G., Ramponi, G. Wave absorption near the electron cyclotron frequency 8-55723
- Fiebig, H.R., Stingl, M., Timm, W. Momentum-projection methods in nucleus-nucleus scattering. I. The one-channel problem 8-78403
- Fiebig, M., Mitra, N.K. Similarity considerations for nonequilibrium nozzle flows 8-90959
- Fiedeldey, H. *see* Allen, L.J. 8-93950
- Fiedler, F. *see* Straka, J. 8-61489, 8-61490
- Fiedler, H., Korschelt, D., Mensing, P. On transport mechanism and structure of scalar field in a heated plane shear layer 8-94668
- Fiedler, H. *see* Oster, D. 8-90848
- Fiedler, M.-L., Stadelmaier, H.H., Snipes, E.B. The ternary system cobalt-gallium-boron 8-92241
- Fieguth, T. *see* Alam, M.S. 8-66167
- Field, B.F. A fast response low frequency voltmeter 8-89503
- Field, D.W. Comment on 'On the observation of forbidden Bragg maxima for white tin' 8-63639
- Field, D.W. Anharmonicity in X-ray diffraction intensities in white tin 8-71626
- Field, E.C., Jr. *see* Bostick, F.X. 8-93008
- Field, J.C. *see* Morency, D.G. 8-79871
- Field, J.E. *see* Hagan, J.T. 8-71295
- Field, R. *see* Sager, P. 8-54977
- Field, R.C. *see* Ballam, J. 8-82247
- Field, R.D., Feynman, R.P. A parametrization of the properties of quark jets 8-58168
- Field, R.W. *see* Brooke Koffend, J. 8-93765
- Field, R.W. *see* Gottscho, R.A. 8-70857, 8-74567
- Field, R.W. *see* Herman, I.P. 8-55188
- Field, R.W. *see* Koffend, J.B. 8-90413
- Fiedlen, E.M. *see* Millar, B.C. 8-85344
- Fiedler, H., Thies, H.J. Some observations in a large two dimensional shear layer 8-90851
- Fiedler, H. (editor) Structure and Mechanisms of Turbulence 8-94647
- Fielding, H.W., Anderson, R.E., Kunz, P.D., Lind, D.A., Zafiratos, C.D., Alford, W.P. A study of the (^3He , n) reaction on isotopes of tin 8-89890
- Fielding, P.J., Haas, F.A. Stability of an anisotropic high- β Tokamak to ballooning modes 8-91143
- Fielding, S.J., McCracken, G.M., Stott, P.E. Recycling in gettered and diverted discharges in DIIE Tokamak 8-94132
- Fields, C.A. *see* Kitching, J.E. 8-74383
- Fields, T.H. *see* Singer, R. 8-54659
- Fiennup, J.R. Reconstruction of an object from the modulus of its Fourier transform 8-74852
- Fiennup, J.R., Colburn, W.S., Chang, B.J., Leonard, C.D. Compact real-time matched-filter optical processor 8-74869
- Fiesenko, E.G. *see* Surowiak, Z. 8-91437
- Fietz, W.A. Conductors for Tokamak toroidal field coils 8-62632
- Fietz, W.A. *see* Zeitlin, B.A. 8-62631
- Fieuw, G., Bultynck, H. Organization of the emergency plan in the event of a major accident at the Nuclear Energy Research Centre, Mol 8-53527
- Fieviet, F. *see* Mollard, P. 8-52315
- Fifield, L.K. *see* Balamuth, D.P. 8-50132
- Fifield, L.K. *see* Watt, F. 8-55076
- Figiel, J. *see* Bosetti, P.C. 8-70357
- Figiel, J. *see* Schmitz, P. 8-62467
- Figiel, T., Kwapien, S., Pelczynski, A. Sharp estimates for the constants of local unconditional structure of Minkowski spaces 8-89299
- Figini, M. Maranzana *see* Maranzana Figini, M.
- Figliola, R.S., Mueller, T.J. Fluid stresses in the vicinity of disk, ball, and tilting disk, prosthetic heart valves from in-vitro measurements 8-81078
- Figuera, A.S. *see* Calvi, G. 8-86538

- Fijnaut, H.M.**, Joosten, J.G.H. Relaxation of the squeezing mode in free liquid films, measured by laser light scattering 8-87354
- Fijnaut, H.M.** *see* Sche, S. 8-87416
- Fikhsman, V.D.** *see* Volkov, V.Z. 8-59442
- Fikineshi, A.A.** *see* Semak, D.G. 8-87998
- Fikiotis, J.G.** *see* Kanellopoulos, J.D. 8-90548
- Fikiotis, J.G.** *see* Uzunoglu, N.K. 8-62972
- Fiks, V.B.** Forces produced by conductivity electrons in metals located in external fields 8-79987
- Fiksef, G.I.** *see* Dudnikov, V.G. 8-71503
- Filatov, A.I.** *see* Pravotorov, V.V. 8-74509
- Filatov, V.G.** *see* Mudretsova, E.A. 8-53756, 8-53757
- Filatov, V.I.** *see* Shteinberg, M.M. 8-52854
- Filatova, N.A.** *see* Salikhov, A.G. 8-53758
- Filby, R.H.**, Carpenter, B.S. Application of nuclear techniques to the characterization of trace elements in petroleum and coal conversion products 8-85744
- Fil'chenko, M.L.** *see* Gertsenshtein, M.E. 8-81893
- File, J.** *see* Brown, G.M. 8-54945
- Filetti, P.L.** *see* Bini, M. 8-72339
- Filev, V.M.** Cholesteric liquid crystals in a magnetic field near a phase transition to smectic A 8-59754
- Filev, V.M.** Optical method of determining critical indices of isotropic liquid-nematic phase transitions 8-63847
- Filevich, A.** *see* Behar, M. 8-50088, 8-70707
- Filges, D.** A contribution analysing reactor physics experiments with the aid of spline-functions 8-66339
- Filho, A.** Paduan *see* Paduan Filho, A.
- Filimonov, S.A.** Ultrasonic testing of ferrites 8-53084
- Filimonov, S.A.** *see* Vinogradov, N.V. 8-60954
- Filimonov, S.S.**, Khrustalev, B.A., Mazilin, I.M. Radiative and molecular heat transfer in high-vacuum systems 8-94574
- Filimonova, V.M.** *see* Ustinov, E.A. 8-96414
- Filin, N.V.** *see* Yarkho, S.A. 8-75190
- Filin, V.A.** *see* Shchukin, V.K. 8-63484
- Filina, E.V.** *see* Buzhinskii, I.M. 8-90522
- Filinov, V.S.** *see* Biberman, L.M. 8-83558
- Filip, H.** *see* Kim, K.C. 8-66541
- Filipchenko, A.S.**, Bolshakov, L.P., Naurizbaev, A. The Moss-Burstein effect in n-type Indium Arsenide crystals doped with different donor impurities 8-64389
- Filipchenko, A.S.**, Bolshakov, L.P., Naurizbaev, A. Absorption in indium antimonide and arsenide crystals doped with various admixtures 8-95596
- Filipchenko, A.S.**, Bolshakov, L.P., Naurizbaev, A., Braginskaya, A.G., Popkov, A.N. Moss-Burstein effect in n-type gallium antimonide crystals 8-88335
- Filipchenko, A.S.**, Kurenkeev, T.B., Bolshakov, L.P., Chaikina, E.I. Photoluminescence of heavily doped n-type gallium antimonide 8-84644
- Filipchuk, E.V.**, Potapenko, P.T., Kryukov, A.P., Trofimov, A.P., Dunaev, V.G., Kuznetsov, N.A., Fedulov, V.V. Experimental investigation of algorithms for the direct digital control of the neutron field in an IRT-2000 reactor 8-86643
- Filipchuk, E.V.**, Potapenko, P.T., Kucherenko, A.A., Krylov, V.M. Equipment minimization for the analog simulation of the neutron field of a nuclear reactor 8-74416
- Filipchuk, E.V.** *see* Emel'yanov, I.Ya. 8-82475
- Filipchuk, T.S.** *see* Karamzin, Yu.N. 8-57789
- Filipchuk, V.Ye.** *see* Dyban, Ye.P. 8-83480
- Filipenko, A.A.** *see* Isakov, Yu.A. 8-63270
- Filipenko, A.A.** *see* Kharchenko, E.F. 8-68751
- Filipensky, J.**, Kucera, J. Diffusion of Al-27 in an Al-10wt.% Ga alloy by NMR technique 8-87813
- Filipich, C.**, Laura, P.A.A., Gianetti, C.E., Luissoni, L.E. Vibrations of rectangular, stepped thickness plates with edges elastically restrained against rotation 8-90740
- Filipich, C.P.**, Reyes, J.A., Rossi, R.E. Free vibrations of rectangular plates elastically restrained against rotation and translation simultaneously at the four edges 8-59330
- Filipo, D.** *see* De Filipo, D.
- Filipov, P.G.** *see* Benderskii, V.A. 8-76512
- Filipov, V.N.** *see* Ryabov, A.N. 8-55638
- Filipovich, I.V.** *see* Okhotsimskii, D.E. 8-69639
- Filipovich, V.N.**, Yuritsyn, N.S., Stepanov, E.N. The effect of annealing on the action of absorbed water on the internal friction of sodium silicate glasses 8-88487
- Filipovskii, A.V.** *see* Maksimovich, G.G. 8-56710
- Filipowicz, W.** *see* Siwkiewicz, Z. 8-64500
- Filipp, N.D.** Scattering of radio waves by small anisotropic inhomogeneities of the ionosphere, oriented along the magnetic field of the Earth 8-53771
- Filippakis, S.E.** *see* Calamitout, M. 8-83650
- Filippas, T.A.** *see* Cobb, J.H. 8-62469, 8-89749
- Filippelli, A.R.** *see* Anderson, C.J. 8-77997
- Filippenko, L.G.** Nonadiabatic shock waves in a continuous medium 8-75170
- Filippi, P.** Layer potentials for two dimensional mechanical waves. III. Acoustic phenomena and bending vibrations in their plates 8-59336
- Filippi, P.** Layer potentials for two-dimensional mechanical vibrations; acoustic phenomena and the flexural vibration of thin plates. II 8-59337
- Filippi, P.J.T.** *see* Alavi, H. 8-90575
- Filippini, G.**, Gramaccioli, C.M., Simonetta, M., Suffritti, G.B. Use of anisotropic atom-atom potential functions in lattice-dynamical calculations for solid nitrogen 8-71811
- Filippo, C.L.** *see* De Filippo, C.L.
- Filippo, S.D.** *see* De Filippo, S.
- Filippov, E.M.** On a possibility of the use of neutron methods in determining chlorinity of ocean water 8-65422
- Filippov, E.M.** On the applicability of neutron-activation method to studies of current velocity of sea water 8-77358
- Filippov, E.M.** On the applicability of gamma-radiation of radiative capture of neutrons to the determination of chlorinity of sea water under natural conditions 8-77360
- Filippov, E.M.**, Lamanova, I.A., Doronin, I.F. Potentialities of use of radioisotope beta-emitters to determine sea water density 8-65423
- Filippov, I.G.** On the theory of diffraction of linear viscoelastic waves 8-65787
- Filippov, L.P.** A method for calculating heat capacity and thermal conductivity of liquids 8-67834
- Filippov, L.P.**, Blagonravov, L.A., Alekseev, V.A. Specific heat of liquid caesium at temperatures up to 1700K under pressure 8-51696
- Filippov, L.P.**, El'darov, F.G. Specific heat of rhenium at high temperatures 8-67835
- Filippov, N.V.** *see* Ananin, S.I. 8-59645
- Filippov, P.G.** *see* Benderskii, V.A. 8-52562
- Filippov, S.S.** On the inversion of the atomic level population densities in low temperature alkali plasma 8-71461
- Filippov, V.A.** *see* Gavril'yev, A.I. 8-69626
- Filippov, V.L.**, Makarov, A.S. Attenuation of radiation by atmospheric aerosol in absorption bands of moistened particles 8-65384
- Filippov, V.L.** *see* Alekseev, V.V. 8-61587
- Filippov, V.L.** *see* Makarov, A.S. 8-61556
- Filippov, V.L.** *see* Volgin, V.M. 8-69448
- Filippov, V.S.** *see* Indenbom, M.V. 8-94363
- Filippov, Yu.N.** Experimental investigation of heat transfer in the evaporator of a water heat pipe 8-83216
- Filippov, Y.V.** *see* Gebalov, V.I. 8-63629
- Filippova, N.A.** *see* Rekant, N.B. 8-89522
- Filippova, V.V.** *see* Dzhanbusinova, M. 8-89762
- Filippova, V.V.** *see* Ermilova, D.I. 8-62468
- Filippovich, A.N.** *see* Mel'nikov, I.V. 8-95892
- Filkilev, S.** *see* Mosanov, O. 8-56186
- Fil'kova, E.M.** *see* Mil'shtein, R.S. 8-57062
- Fillard, J.P.**, de Murcia, M., Alchalaby, K. Time-resolving high-intensity laser-light detectors: a possible new photoconductive device 8-77982
- Fillard, J.P.** *see* Castagne, M. 8-54347
- Fillard, J.P.** *see* de Murcia, M. 8-60157, 8-80395
- Fillard, J.P.** *see* Manificier, J.C. 8-79989
- Fillaux, F.** *see* de Loze, C. 8-90330
- Filler, R.L.** *see* Vig, J.R. 8-60858
- Fillingier, L.** Spectrophotometric colorimetry in case of 0° illumination/diffuse observation measuring geometry 8-93750
- Fillion, G.** *see* Collob, A. 8-52222
- Fillion, G.** *see* Wolfers, P. 8-68170
- Filipov, A.T.** Quark spectroscopy and Cabibbo angle 8-62351
- Filipov, P.I.** Multipulse high-voltage supply for filmless spark chambers 8-78565
- Fillius, W.** *see* Ip, W.-H. 8-77442
- Fillmore, J.A.**, Karp, A.H., Mook, D.E. Kirchhoff's laws of spectral analysis: A set of computer laboratory exercises 8-73790
- Fillo, J.** *see* Powell, J.R. 8-74479
- Fillo, J.** *see* Wen-Shi Yu 8-58454
- Fillo, J.** *see* Yu, W.S. 8-62653
- Fillo, J.A.**, Powell, J.R. Fusion blankets for catalyzed D-D and D-He³ reactors 8-74480
- Fillo, J.A.**, Powell, J.R. Coupled conduction-turbulent convection in a circular tube 8-94691
- Fillo, J.A.**, Powell, J.R., Benenati, R., Makowitz, H. Aluminum blanket/shield design for a high field ignition test reactor 8-54899
- Fillo, J.A.**, Powell, J.R., Benenati, R., Makowitz, H. Minimum-activity aluminum blanket design for TFTR upgrade 8-58460
- Fillo, J.-A.** First wall fusion blanket temperature variation-slab geometry 8-78495
- Fillon, R.H.**, Follinsbee, R.A., Palmer, R. Deep shelf and slope terraces off northern Labrador 8-62525
- Filo, A.J.** *see* Yates, S.W. 8-89817
- Filonenko, E.G.** *see* Gryaznova, T.A. 8-67438
- Filonenko, V.A.**, Rumbeshta, N.N., Ruchkin, V.V., Fortes, V.B. Results of experimental investigations of the inhomogeneity transfer velocity by the method of bipoisson sounding of the atmosphere 8-77297
- Filonov, A.N.** *see* Belinicher, V.I. 8-60153
- Filonov, V.S.** *see* Efimov, I.A. 8-66338
- Filosof, I.** *see* Calvelli, G. 8-74380
- Filscher, G.** External crystal adjustment for Lang topography 8-59719
- Filscher, G.** Investigations of the strain field of partially film-coated single-crystal plates by means of X-ray topography 8-83653
- Filseth, S.V.**, Zacharias, H., Danon, J., Wallenstein, R., Welge, K.H. Laser excited fluorescence of CH in a low pressure flame 8-90199
- Fil'shtinskii, L.A.** Dynamical problem of the theory of elasticity for a region with curvilinear cuts (longitudinal shear strain) 8-81842
- Filter, E.**, Steinborn, E.O. Extremely compact formulas for molecular two-center one-electron integrals and Coulomb integrals over Slater-type atomic orbitals 8-82608
- Filyukov, A.A.** *see* Derzjiev, V.I. 8-75393
- Fimbel, J.**, Juy, M. Differential attenuations at 13 GHz on 53 km compared to simultaneous measurements at 20.5 GHz 8-53684
- Finaev, Yu.A.** *see* Litovchenko, N.A. 8-60881
- Finashkin, V.K.**, Sokolov, O.B., Turov, E.A. Electron structure of antiferromagnetics in a magnetic field 8-60287
- Fincham, W.**, Liassides, C. The role of the Van der Pol oscillator in the control of breathing in the human 8-65073
- Fincher, C.L.** *see* Birnbaum, M. 8-66842
- Fincher, C.R., Jr.**, Peebles, D.L., Heeger, A.J., Drury, M.A., Matsumura, Y., MacDiarmid, A.G., Shirakawa, H., Ikeda, S. Anisotropic optical properties of pure and doped polyacetylene 8-92137
- Fincher, C.R., Jr.** *see* Chiang, C.K. 8-76070
- Finck, C.** *see* Amouric, M. 8-79587
- Finck, J.** *see* King, C.H. 8-54755
- Findenegg, G.H.** *see* Specovius, J. 8-51816
- Findikakis, A.N.**, Franzini, J.B., Street, R.L. Simulation of stratified turbulent flows in closed water bodies using the finite element method 8-90964
- Findlay, D.J.S.**, Owens, R.O., Leitch, M.J., Matthews, J.L., Peridier, C.A., Roberts, B.L., Sargent, C.P. The p-shell proton momentum distribution in ¹⁶O above the Fermi momentum 8-50151
- Findlay, F.D.** *see* Roney, P.L. 8-88910
- Findley, G.L.** *see* Scott, J.D. 8-66573
- Fine, A.**, Teller, P. Algebraic constraints on hidden variables 8-65797
- Fine, J.**, Gorden, R., Jr. Visual ion-beam images produced by electron and ion-beam interaction on surfaces 8-58091
- Finger, L.W.**, King, H. A revised method of operation of the single-crystal diamond cell and refinement of the structure of NaCl at 32 kbar 8-67610
- Finger, L.W.** *see* Hazen, R.M. 8-63717, 8-63718, 8-67685
- Finger, W.** Critical frequency dependence of spin correlation functions 8-56321
- Finels, G.** *see* Cerisier, P. 8-79670
- Finizio, N.J.** Harmonic solutions of Duffing's equation forced by periodic impulses 8-89325
- Finjord, J.** Ω^- non-leptonic decays 8-62399
- Finjord, J.** Remarks on the enhancement of $F^+ \rightarrow \pi^+ e^+ e^-$ 8-82164
- Fink, F.** *see* Dahne, G. 8-89575
- Fink, H.H.** *see* Kramer, G. 8-77538
- Fink, H.J.** *see* Terlecki, G. 8-82384
- Fink, J.**, Czjzek, G., Schmidt, H., Tomala, K., Obenshain, F.E. Local susceptibilities in Pd-Ni alloys by ⁶¹Ni Mossbauer spectroscopy 8-95536
- Fink, J.** *see* Molvik, A.W. 8-54917
- Fink, J.H.**, Biagi, L.A. A long-life cathode for the Berkeley-type ion source 8-66375
- Fink, J.H.** *see* Vosen, S.R. 8-66380
- Fink, L.E.** *see* Symes, C.R. 8-94665
- Fink, M.** *see* Miller, B. 8-74802, 8-74803
- Fink, P.T.**, Soh, W.K. A new approach to roll-up calculations of vortex sheets 8-71340
- Fink, R.W.** Proton-induced X-ray emission multielement analysis in biomedical, environmental, geological, and archaeological specimens 8-85272
- Fink, R.W.** *see* Papanicopolulos, C. 8-55072
- Fink, R.W.** *see* Pengra, J.G. 8-74340
- Fink, U.**, Larson, H.P., Treffers, R.R. Germane in the atmosphere of Jupiter 8-61791
- Fink, U.** *see* Treffers, R.R. 8-61790
- Fink-Finowicki, J.** *see* Krzywinski, J. 8-91884
- Finke, J.**, Lauckner, J., Wagner, T. X-radiographic investigations of vacuum-deposited Se structure. [Electrophotographic layers] 8-63957

- Finke, T.E.**, Heberling, T.G. Determination of thermal-expansion characteristics of metals using strain gauges 8-81942
- Finkel, R.C.**, Kohl, C.P., Marti, K., Martinek, B., Rancitelli, L. The cosmic ray record in the San Juan Capistrano meteorite 8-57512
- Finkel', V.A.** see Azhazha, V.M. 8-80588
- Finkel, V.A.** see Pushkarev, E.A. 8-76189
- Finkel', V.M.**, Golovin, Yu.I., Sletkov, A.A. Disintegration of a crack tip with a strong electromagnetic field 8-83339
- Finkel', V.M.**, Savel'ev, A.M., Korolev, A.P., Zaitsev, A.I. Creation of thermoelastic stresses and motion-picture recording of their interaction with a dynamic crack 8-56697
- Finkel'berg, S.A.** see Rode, V.E. 8-52312
- Finkelman, M.** see Hsieh, S.Y. 8-54925
- Finkel'shtein, A.M.** see Vigman, P.B. 8-80129
- Finkel'shtein, E.I.**, Maiorova, A.E. New autocollimators 8-71220
- Finkel'shtein, O.L.** see Polyakov, L.M. 8-56840
- Finkel'shtein, V.E.** Method of measuring emissivities of cavities in thermophysical investigations 8-74005
- Finkelstein, J.** Sum rule for kaon-nucleon scattering 8-82236
- Finkelstein, J.** see Chew, G.F. 8-62322
- Finkelstein, L.**, Watts, R.D. Mathematical models of instruments—fundamental principles 8-93641
- Finken, R.** see Wolters, J. 8-58390
- Finkenrath, H.** see Altwein, M. 8-95306
- Finkenthal, M.** see Breton, C. 8-71427
- Finkenthal, M.** see Klapisch, M. 8-79470
- Finkin, E.F.** An explanation of the wear of metals 8-60851
- Finkler, R.** The design of optical systems with extended depth of focus 8-90489
- Finlay, J.B.**, Spencer, E.A., Mount, J. Controlled voltages for electroconvulsive therapy 8-77148
- Finlay, R.W.** see Sexton, E.H. 8-54759
- Finlayson, B.A.** see Jensen, O.K. 8-90889
- Finlayson, T.R.** see Bristow, G.K. 8-95305
- Finley, J.D.** An automated visual edge match system for image quality assessment 8-62218
- Finley, J.D., III.**, Plebanski, J.F. Killing vectors in plane HH spaces 8-54104
- Finn, J.M.**, Sudan, R.N. Resonant effects on the low-frequency Vlasov stability of axisymmetric field-reversed configurations 8-83553
- Finn, T.G.**, Palumbo, L.J., Champagne, L.F. A kinetics scheme for the XeF laser 8-78999
- Finn, W.D.L.** see Varoglu, E. 8-79294, 8-90888
- Finnemore, D.K.** see Verhoeven, J.D. 8-76203
- Finney, J.L.** Long-range forces in molecular dynamics calculations on water 8-79517
- Finney, W.C.** see Davis, R.H. 8-57346
- Finnie, I.**, McFadden, D.H. On the velocity dependence of the erosion of ductile metals by solid particles at low angles of incidence 8-87311
- Finnie, I.** see Perra, M. 8-64613
- Finnigan, J.J.** see Mulhearn, P.J. 8-87421
- Finnis, M.W.** see Clement, C.F. 8-78460, 8-78463
- Finstad, T.G.** Silicide formation with nickel and platinum double layers on silicon 8-84010
- Finstad, T.G.**, Mayer, J.W., Nicolet, M.-A. The formation of NiSi from Ni₂Si studied with a platinum marker 8-78730
- Finsterholz, H.** see Klockner, H.W. 8-74664
- Finston, H.L.**, Williams, E.T., Bauman, S.E., Jacobson, S.H., Bond, A.H., Jr. Chemical analysis with a low energy particle accelerator 8-85239
- Fintz, P.** see Guillaume, G. 8-94308
- Finzi, A.**, Yahel, R. Planetary nebulae: the abundances of C, N and O, the masses of the central stars and the origin of Population II planetaries 8-85992
- Fiocchi, R.** see Bert, L.A. 8-59469
- Fionova, L.K.** see Andrejeva, A.V. 8-83826
- Fiore, R.** J-dependence of the bootstrap mass spectrum. Comparison between the S-matrix bootstrap formalism and preceding semi-classical approaches 8-86448
- Fiore, R.**, Page, R., Sertorio, L. Hadron condensation before the Hagedorn temperature 8-50016
- Fiorella, O.**, Mangia, M., Oliveri, E., Spitale, M.C. A numerical method for the solution of the neutron kinetics equations 8-58324
- Fiorella, O.** see Oliveri, E. 8-78588
- Fiorntini, G.** see Farley, F.J.M. 8-70712
- Fiori, M.** see Bartalucci, S. 8-50037
- Fiorini, E.** see Alibrán, P. 8-50026
- Fiorini, E.** see Bellotti, E. 8-62387, 8-94018
- Fiorini, P.** see Merle, J.-C. 8-88301
- Fiorito, G.**, Gasparrini, G. Photovoltaic detectors for the far infra-red: the present and future position in the frequency range 8-14 μm 8-54451
- Fiorito, G.**, Gasparrini, G., Svelto, F. Properties of Hg implanted Hg_{1-x}Cd_xTe infrared detectors 8-86330
- Fiory, A.T.** see Bieman, L.H. 8-68272
- Fiory, A.T.** see Birnbaum, H.K. 8-80269
- Fiquet-Fayard, F.** see Goursaud, S. 8-64809
- Firbas, P.**, Schmidt, E. Diffusion in Al-Au thin films [thermocompson bonds] 8-75891
- Firestone, A.** see Chadwick, G.B. 8-66175
- Firestone, R.B.**, Warner, R.A., McHarris, W.C., Kelly, W.H. Decay of ¹⁴³Gd^{m+} by positron emission and electron capture 8-50130
- Firpo, J.L.**, Albinet, G., Bois, A., Casalta, L., Baret, J.F., Dupin, J.J. A theoretical study of phase transitions in bidimensional monolayers 8-51795
- Firsh, D.**, Pickup, B.T. Interpolating functionals in relation to the transition state and transition operator methods 8-70743
- Firsov, K.N.** see Khmelev, A.V. 8-61052
- Firsov, N.T.** see Lizov, A.V. 8-81007
- Firsov, V.A.** see Makarenkov, A.G. 8-88504
- Firsov, V.G.** see Gordeev, V.A. 8-52416
- Firsova, A.G.** see Malinov, L.S. 8-88465
- Firsova, N.E.** see Borishanskii, V.M. 8-55643
- Firsova, N.E.**, Skorobogatov, G.A. Three-boson stimulated scattering 8-78115
- First, R.S.**, Beck, K., Rusam, W., Stuck, W. New developments in clinical laboratory technology 8-81037
- Firstenberg, S.**, Malmvig, H. A microcomputer-based digital titrator 8-80805
- Firth, I.** False gut string 8-75020
- Firth, I.M.** The action of the cello at the wolf tone 8-51016
- Firth, I.M.**, Sillitto, H.G. Acoustics of the Highland bagpipe chanter and reed 8-94491
- Firth, K.** Photo induced thermoplastic recording and its applications 8-63161
- Firth, W.J.**, Simmonds, L.C., Weaire, D.L., Wherrett, B.S. Theory of spin-flip laser modes. II. Higher modes and saturation effects 8-71106
- Fisch, N.J.** Confining a Tokamak plasma with RF-driven currents 8-91145
- Fisch, R.** Critical temperature for two-dimensional Ising ferromagnets with quenched bond disorder 8-56328
- Fisch, R.**, Harris, A.B. Critical behavior of random resistor networks near the percolation threshold 8-87956
- Fisch, R.**, Liciardello, D.C. Negative-U states in the gap in hydrogenated amorphous silicon 8-91606
- Fischel, D.** see Boggess, A. 8-96382
- Fischell, D.R.**, Cool, T.A. Spontaneous emission from ScF in a supersonic mixing flame 8-66817
- Fischella, P.R.** see Carson, P.L. 8-69162
- Fischer, A.** RFSP-JUL: a programme for unfolding neutron spectra from activation data 8-82570
- Fischer, A.** see Abstreiter, G. 8-76439
- Fischer, A.** see Ploog, K. 8-72031
- Fischer, A.G.** The Fiscatron fusion reactor concept 8-78492
- Fischer, B.** Vision with moving eyes 8-53397
- Fischer, B.**, Bauser, E., Sullivan, P.A., Rode, D.L. Dopant tracing of terrace growth in GaAs LPE layers 8-75948
- Fischer, B.** see Lagois, J. 8-72089
- Fischer, C.F.** Numerical solution of general Hartree-Fock equations for atoms 8-58574
- Fischer, C.F.**, Hansen, J.E. Theoretical oscillator strengths for the resonance transitions in the Zn I isoelectronic sequence 8-74616
- Fischer, C.F.**, Ridder, D. Levels of 2p³3p⁵ in Ar²⁺ 8-74574
- Fischer, C.Froese** see Froese Fischer, C.
- Fischer, E.** Forming of permanent magnet ferrite materials 8-64495
- Fischer, E.-U.** A contribution to the numerical development of spherical functions 8-61311
- Fischer, G.** Vibronic coupling activity in benzene 8-58708
- Fischer, G.**, Schnegg, P.A., Usadel, K.D. Electromagnetic response of an ocean-coast model to E-polarization induction 8-61321
- Fischer, G.** see Pfurtscheller, G. 8-61267
- Fischer, G.** see Schnell, W. 8-57310
- Fischer, H.** see Dabkiewicz, P. 8-54680
- Fischer, H.** see Percival, P.W. 8-88653
- Fischer, H.** see Roduner, E. 8-74678
- Fischer, H.B.** OnFthe tensor form of the bulk dispersion coefficient in a bounded skewed shear flow 8-73393
- Fischer, H.-W.** see Dammig, P. 8-75021
- Fischer, J.** Physical adsorption at high pressures and high temperatures: the density profile of the gas 8-67903
- Fischer, J.**, Kolar, P. High-energy status of derivative analyticity relations 8-66043
- Fischer, J.**, Okuno, H., Walenta, A.H. Spatial distribution of the avalanche in proportional counters 8-58543
- Fischer, J.E.**, Thompson, T.E. Graphite intercalation compounds 8-71711
- Fischer, J.E.** see Weinberger, B.R. 8-88214
- Fischer, K.** Convective difference schemes and Hermite interpolation 8-63268
- Fischer, K.** Mathematical models for stratified and mixed coastal waters 8-77268
- Fischer, K.**, Henning, J. Sliding-vane rotary vacuum pumps with selected accessories as a basic pump for vacuum processing 8-70145
- Fischer, K.H.** Dilute magnetic alloys with transition metals as host 8-84417
- Fischer, K.H.** see Kinzel, W. 8-56327
- Fischer, K.-H.** see Christiansen, D. 8-88599
- Fischer, K.J.** see Arons, R.R. 8-76347
- Fischer, L.** see Barkoczi, G. 8-54474
- Fischer, M.**, Perrin, B., Zarembowitch, A., Rouseau, M. Unusual non-linear elastic behaviour of some ionic crystals 8-59851
- Fischer, O.** Chevrel phases: superconducting and normal state properties 8-56267
- Fischer, O.** see Kempf, B. 8-56252
- Fischer, O.** see Moncton, D.E. 8-95401
- Fischer, O.** see Sergeant, M. 8-52119
- Fischer, P.**, Halg, W., Schlappbach, L., Yvon, K. Neutron and X-ray diffraction investigation of deuterium storage in La₂Ni₃ 8-83954
- Fischer, P.**, Nissen, K.W. Partial discharge characteristics in artificial voids in polyethylene 8-92023
- Fischer, R.** see Dobiasch, H. 8-62538
- Fischer, R.** see Engemann, D. 8-68541
- Fischer, R.** see Overhof, H. 8-76581
- Fischer, R.A.** see Lyman, J.L. 8-66615
- Fischer, S.** see Marom, G. 8-68769
- Fischer, S.F.** see Laubereau, A. 8-74665
- Fischer, S.F.** see Miklavc, A. 8-78785
- Fischer, S.F.** see Seilmeier, A. 8-94331
- Fischer, S.F.** see Venzl, G. 8-92455
- Fischer, S.K.** see Eraslan, A.H. 8-96250
- Fischer, Th.**, Hagedorn, W., Hammel, G., Hurst, W., Kern, K., Kettle, P.R., Kleinschmidt, M., Lehmann, L., Rossle, E., Schmitt, H., Sheppard, D.M. Neutron experiments at SIN 8-62669
- Fischer, T.E.**, Kelemen, S.R. Influence of the substrate structure on the bonding of chemisorbed acetylene to transition metal surfaces 8-63933
- Fischer, T.E.**, Kelemen, S.R. Intermolecular forces and kinetics of adsorption into a c(2x2) overlayer on (100) surface: H₂, C₂H₂, and C₂H₄ on Pt (100) 8-75930
- Fischer, U.** see Seydel, U. 8-75808
- Fischler, W.** see Appelquist, T. 8-86441
- Fischmeister, H.F.** see Olsson, L.R. 8-64647
- Fischuk, D.I.** see Borisov, N.D. 8-61654
- Fisenko, V.V.**, Sychikov, V.I. Effect of compressibility on the hydrodynamics of two-phase flows 8-55684
- Fishbane, P.M.**, Kotsonis, J.K. Production of large-mass diffractive states at high energies 8-82181
- Fishbane, P.M.**, Sullivan, J.D. Multiperipheral approach to photon-meson-Pomeron couplings 8-82223
- Fishbein, G.A.** see Abramzon, B.M. 8-55683
- Fishbone, L.G.** Einstein's ideas: A course on special relativity for general students 8-73791
- Fishchuk, I.I.** Low-temperature zero-phonon high-frequency conductivity in disordered systems with two-level atoms 8-91718
- Fishchuk, I.I.**, Rudko, V.N. Theory of the phononless high frequency Hall effect in disordered systems 8-87953
- Fisher, A.**, Mako, F., Shilo, J. Fast valve for gas injection into vacuum 8-74011
- Fisher, A.**, Peacock, J., Lee, E.K.C. Novel electrode adaptation for N₂ lasers 8-55379
- Fisher, A.** see Bar-Avraham, E. 8-87489
- Fisher, A.P.**, III see Wei, T. 8-52297
- Fisher, B.** Metallic and semiconducting domains in switching VO₂ single crystals 8-52041
- Fisher, B.** see Eizenberg, M. 8-52038
- Fisher, C.G.**, Barnett, W.B., Wilson, D.L. A versatile automatic sampler for flame atomic absorption 8-65974
- Fisher, C.H.**, Center, R.E. Threshold power density measurements for electron beam sustained discharge excitation of XeF and KrF 8-63078
- Fisher, C.H.**, Center, R.E. Radiative lifetime and collisional quenching kinetics for the XeF (B 1/2) state 8-94289
- Fisher, C.M.** see Borreani, G. 8-82232
- Fisher, C.M.** see Crennell, D.J. 8-82229, 8-89679
- Fisher, D.E.** Sedimentation rates of deep-sea cores determined by fission/alpha track counting 8-61392
- Fisher, D.G.** see Tarnig, M.L. 8-53287
- Fisher, D.M.** see Buzzard, R.J. 8-53054
- Fisher, E.M.R.** see Cambray, R.S. 8-82535
- Fisher, E.R.**, Lightman, A.J. CO vibrational distributions in the presence of oxygen 8-50757
- Fisher, E.R.** see Lightman, A.J. 8-58985
- Fisher, E.S.**, Kim, S.H., Linz, R.J., Turner, A.P. Effect of cyclic strains on electrical conductivity and work hardening of copper at 4.2K [for superconducting magnet] 8-91655
- Fisher, E.S.** see Katahara, K.W. 8-95103
- Fisher, G.B.**, Madey, T.E., Yates, J.T., Jr. Ultraviolet photoemission studies of formaldehyde and related molecules adsorbed on Ru(110) 8-73080

- Fisher, H.D.**, Longo, R. Creep analysis of slightly oval cylindrical shells subjected to time-dependent loading, temperature and neutron flux 8-78468
- Fisher, H.D.** see Frost, M.M. 8-69208
- Fisher, K.**, Ahner, H.F. Theorem on the representations of $SO(n)$ groups 8-86407
- Fisher, M.** see Tou, J.T. 8-73280
- Fisher, M.E.** Yang-Lee edge singularity and φ^3 field theory 8-65882
- Fisher, M.E.**, Sarbach, S. Nonuniversality of tricritical behaviour 8-93640
- Fisher, M.E.** see Lawrie, I.D. 8-68249
- Fisher, M.E.** see Sarbach, S. 8-68248
- Fisher, N.I.** see Beattie, R.D. 8-57202
- Fisher, P.W.**, Watson, J.S. Cryosorption pumping of deuterium by MS-5A at temperatures above 4.2K for fusion reactor applications 8-70626
- Fisher, P.W.**, Watson, J.S. Cryosorption pumping of 95% deuterium-5% helium on molecular sieve-5A at 4.2K 8-74499
- Fisher, R.A.**, Feldman, B.J. Fabry-Perot interferometer transients for ultrashort CO_2 laser pulse generation 8-58019
- Fisher, R.A.** see Babcock, R.V. 8-50815
- Fisher, R.A.** see Bergmann, E.E. 8-87097
- Fisher, R.L.** Multiple level lecture series—an alternative to the normal lower division physics sequence 8-61952
- Fisher, R.R.** λ 5303 Fe XIV density models of the inner solar corona 8-61843
- Fisher, S.A.**, Harrison, G.S., Pearce, D.L. Premature dryout in conventional and nuclear power station evaporators 8-94120
- Fisher, S.B.** see White, R.J. 8-64546
- Fisher, S.R.** see Giddings, J.C. 8-90327
- Fisher, S.S.** see Wilmoth, R.G. 8-56044
- Fisher, T.L.** see Naldrett, A.J. 8-88824
- Fisher, U.** Compressor and system matching in vapour compression distillation unit 8-83931
- Fishkin, P.Sh.** see Fastritskii, V.S. 8-85100
- Fishkis, M.** see Ching, W.Y. 8-71969
- Fishman, G.J.** Radiation in space and its effects on high-energy astronomy experiments—a summary 8-85780
- Fishman, G.J.**, Meegan, C.A., Watts, J.W., Jr., Derrickson, J.H. New limits on gamma-ray bursts 8-93465
- Fishman, H.M.** see Akaike, N. 8-77041
- Fishman, J.**, Crutzen, P.J. The origin of ozone in the troposphere 8-85663
- Fishman, J.** see Zimmerman, P.R. 8-88881
- Fishman, L.S.** see Gates, G.F. 8-77104
- Fishman, N.M.** see Aref'yev, K.M. 8-75192
- Fishman, N.M.** see Borishanskii, V.M. 8-75041
- Fishman, Yu.M.** see Govorkov, A.V. 8-72040
- Fishtein, B.M.**, Kem, A.Yu. Complex diffusion alloying of sintered materials 8-68650
- Fisk, H.E.** see Barish, B.C. 8-62386, 8-89699
- Fisk, H.E.** see Merritt, F.S. 8-66104
- Fisk, L.A.** see Horvath, D. 8-85790
- Fisk, L.A.** see von Rosenvinge, T.T. 8-85798
- Fisk, R.J.** see Yoh, J.K. 8-82344
- Fisk, Z.** see Schmidt, P.H. 8-93783
- Fiske, M.D.** The work of the Physics Manpower Panel 8-65735
- Fissan, H.J.**, Franzen, H., Helsper, C. Particle size distribution of combustion aerosols 8-81394
- Fistedis, S.H.** Response of breeder reactor components and systems to abnormal events 8-70611
- Fistedis, S.H.** see Bazant, Z.P. 8-50248
- Fistedis, S.H.** see Marchertas, A.H. 8-74448
- Fistedis, S.H.** see Moneim, M.T.A. 8-74449
- Fistedis, S.H.** see Wang, C.Y. 8-70615
- Fister, D.** see Kieffer, R. 8-64777
- Fistul', V.I.** see Grinshtein, P.M. 8-51681
- Fisun, O.I.** Dissociative-thermal and dissociative-vibrational instabilities in a molecular plasma 8-83561
- Fisun, O.I.** see Grigoriadi, A.K. 8-63549
- Fisun, O.I.** see Repa, I.I. 8-71574
- Fitairé, M.** see Pointu, A.M. 8-78577
- Fitch, B.**, Coulson, K.L. Polarizing radiometer measurements of skylight at South Pole Station, Antarctica 8-57320
- Fitch, P.S.H.** see Kubiak, G. 8-66584
- Fitch, V.L.** see Cester, R. 8-66145
- Fitch, W.S.** see Bookmeyer, B.B. 8-81639
- Fitchard, E.E.** see Blum, K. 8-78817
- Fitchen, D.B.** see Temkin, H. 8-80356
- Fite, W.L.** see Patterson, T.A. 8-94317
- Fitoussi, L.** General principles governing sampling and measurement techniques for monitoring radioactive effluents from nuclear facilities 8-89996
- Fitter, J.E., Jr.** see Jakus, K. 8-95870
- Fitting, H.J.**, Glaefke, H., Wild, W. Attenuation length and escape depth of excited electrons in solids 8-76593
- Fitting, H.-J.**, Glaefke, H., Wild, W. Energy and angular analysis of exoelectrons 8-92180
- Fitton, B.** see Boggess, A. 8-96382
- Fitton, B.** see Feuerbacher, B. 8-95663
- Fitton, B.** see Feuerbacher, B. (editor) 8-95662
- Fittrikh, I.** The effect of microclimate on the observations of meridian passages of stars and their accounting in photoelectric observations carried out in Dresden 8-73612
- Fitts, D.D.** see Glandt, E.D. 8-67800
- Fitts, D.D.** see Madden, W.G. 8-59727
- Fitz, D.E.** On the choice of partial wave parameter for IOS calculations of m-dependent rotationally inelastic cross sections 8-50616
- Fitz, D.E.**, Brumer, P. Long-lived intermediates in the Borne-Bunker systems 8-92464
- Fitz, E.** see Kocevar, P. 8-91697
- Fitz-Randolph, J.** see Jespersen, J. 8-57904
- Fitzer, E.** From silicon to carbon 8-56609
- Fitzer, E.**, Funk, U. Determination of thermal vibration amplitudes in graphite using integrated X-ray intensities corrected for thermal diffuse scattering 8-67780
- Fitzer, E.**, Maurer, H.-J. Spontaneous formation of diffusion barriers in aluminide coatings on nickel alloys 8-71886
- Fitzer, E.**, Nowak, W., Maurer, J. Possibilities and limits of silicon-containing deposit layers on nickel alloys 8-85025
- Fitzer, E.** see Braun, W. 8-67681
- Fitzgerald, D.H.**, Johnsen, S.W., Brady, F.P., Garrett, R., Romero, J.L., Subramanian, T.S., Ullmann, J.L., Watson, J.W., Signell, P. Neutron-proton measurements and phase shift analyses near 50 MeV 8-62424
- Fitzgerald, E.M.** see Skreiner, K.M. 8-78475
- Fitzgerald, J.D.**, Mackinnon, I.D.R. PETPAK—a computing package for the petrologist 8-57323
- Fitzgerald, J.W.** see Spitz, A.L. 8-81020
- Fitzgerald, L.T.** see Brookeman, V.A. 8-92704
- Fitzgerald, M.J.**, Jones, J.B. Adelaide and Bench Crater—members of a new subgroup of the carbonaceous chondrites 8-65573
- Fitzgerald, R.** see Arrhenius, G. 8-73623
- Fitzgerald, T.J.** see Catipovic, N.M. 8-83463
- Fitzgerald, W.D.** see Fetterman, H.R. 8-77958
- Fitzgerald, W.J.** see Grimm, H. 8-80302
- Fitzgibbon, R.** see Levinger, J.S. 8-82334
- Fitzjarrald, D.E.** Horizontal scales of motion in atmospheric free convection observed during the GATE experiment 8-85653
- Fitzmaurice, M.W.** NASA ground-based and space-based laser ranging systems 8-81527
- Fitzpatrick, B.J.** see Seymour, R.J. 8-71105
- Fitzpatrick, C.M.**, Stoddart, W.C.T. Mechanical characterization of selected adhesives and bulk materials at liquid nitrogen and room temperatures 8-64611
- Fitzpatrick, J.M.** see Shizgal, B. 8-81935
- Fivaz, R.**, Rouyet, J.P. Effective Lorentz force and Landau levels in itinerant electron ferromagnets 8-80120
- Fivozinsky, S.P.** see Szalata, Z.M. 8-50144
- Fix, G.J.**, Marin, S.P. Variational methods for underwater acoustic problems 8-90574
- Fix, J.D.** The structure and saturation of OH maser lines from long-period variable stars 8-93264
- Fixler, S.** see Condolfi, R. 8-54910
- Fixman, M.** Simulation of polymer dynamics: dynamic viscosity 8-58875
- Fixman, M.** Simulation of polymer dynamics. I. General theory 8-91210
- Fixman, M.** Simulation of polymer dynamics. II. Relaxation rates and dynamic viscosity 8-91211
- Fixman, M.** see Freire, J. 8-78843
- Fjeldlv, T.** see Richter, W. 8-59905
- Flachi, C.** see Hasselmann, K. 8-81418
- Flack, H.D.**, Vincent, M.G. Absorption-weighted mean path lengths for spheres 8-75485
- Flack, R.D., Jr.** Mach-Zehnder interferometer errors resulting from test section misalignment 8-54447
- Flack, R.D., Jr.** Shearing interferometer inaccuracies due to a misaligned test section 8-93755
- Flahaut, J.** see Carcaly, C. 8-79804
- Flahaut, J.** see Guittard, M. 8-80504
- Flahaut, J.** see Maneglier-Lacordaire, S. 8-76635
- Flaherty, J.E.**, DiPrima, R.C. Effect of a Coriolis force on the stability of plasma Poiseuille flow 8-67203
- Flaherty, J.E.**, Hoppensteadt, F.C. Frequency entrainment of a forced van der Pol oscillator 8-57794
- Flaherty, J.M.**, Powell, R.C. Laser site-selection time-resolved spectroscopy of NdP_5O_{14} 8-76524
- Flahive, P.G.**, Graham, W.R. Surface site geometry and diffusion characteristics of single Ni atoms on W(111) 8-71953
- Flahive, P.G.**, Graham, W.R. Surface site geometry and diffusion characteristics of single nickel atoms on W(111) 8-75944
- Flaks, V.Ya.** On the correlation between pitting corrosion of aluminium alloy sheets and their load-carrying capacity 8-56806
- Flamand, J.** see Depauteux, C. 8-62271
- Flamant, P.** Rate equations for dye lasers: comments on the spiking phenomenon 8-55351
- Flamant, P.** see Dujardin, G. 8-59004
- Flambaum, V.V.**, Khriplovich, I.B., Sushkov, O.P. g-factor anomalies and strongly forbidden M1 transitions in heavy atoms 8-78825
- Flambaum, V.V.** see Sushkov, O.P. 8-55132, 8-78648
- Flamig, A.** see Patz, W. 8-84720
- Flamm, D.**, Schoberl, F. Meson decays in a Bethe-Salpeter model 8-70336
- Flamm, D.L.** see Mogab, C.J. 8-72908, 8-75363
- Flammang, D.** see Coumel, Ph. 8-85435
- Flanagan, C.A.** see Roberts, M. 8-58414
- Flanagan, C.A.** see Varljen, T.C. 8-54976
- Flanagan, J.L.**, Ishizaka, K. Computer model to characterize the air volume displaced by the vibrating vocal cords 8-69111
- Flanagan, J.L.** see Ishizaka, K. 8-92654
- Flanders, B.** see Koonin, S. 8-74320
- Flanders, D.C.**, Shaver, D.C., Smith, H.I. Alignment of liquid crystals using submicrometer periodicity gratings 8-63666
- Flanders, D.C.**, Smith, H.I. Surface relief gratings of 3200-Å-period fabrication techniques and influence on thin-film growth 8-84089
- Flanders, P.J.**, Egami, T., Gyorgy, E.M., Van Uiterl, L.G. Anisotropic forced magnetostriction of TbIG 8-64251
- Flandro, G.** see Johnson, S.A. 8-51261
- Flandrois, S.**, Delhaes, P., Amiel, J., Brun, G., Torrelles, E., Fabre, J.M., Giral, L. Physical properties and phase transition of (TETTF) (TCNQ)₂: A charge transfer complex with mixed DAA stacks 8-64032
- Flandrois, S.** see Keryer, G. 8-76059
- Flannery, B.P.** Stellar evolution in double stars 8-73733
- Flannery, B.P.**, Krook, M. The sedimentation of grains in interstellar clouds 8-93349
- Flannery, D.L.** see Neff, J.A. 8-74854
- Flannery, M.R.** Three-body ion-ion recombination in mercury-halide lasers 8-63068
- Flanz, J.** see Szalata, Z.M. 8-50144
- Flasar, F.M.**, Gierasch, P.J. Turbulent convection within rapidly rotating superadiabatic fluids with horizontal temperature gradients 8-90913
- Flat, A.**, Milnes, A.G. Interpretation of scanning electron microscope measurements of minority carrier diffusion lengths in semiconductors 8-80002
- Flato, M.**, Simon, J. Non-linear equations and covariance 8-49715
- Flatscher, G.** see Friedrich, J. 8-76509
- Flatte, S.M.** Light-quark meson spectroscopy 8-78134
- Flatte, S.M.** see Bunnell, K. 8-74258
- Flatte, S.M.** see del Papa, C. 8-74264
- Flaud, J.-M.** see Camy-Peyret, C. 8-74656
- Flaugar, W.** see Brasse, F.W. 8-78194
- Flax, L.**, Dragonette, L.R., Uberall, H. Theory of elastic resonance excitation by sound scattering 8-55495
- Flax, L.**, Neubauer, W.G. Reflection of elastic waves by a cylindrical cavity in an absorptive medium 8-55582
- Flax, L.** see Davis, C.M. 8-79149
- Flax, L.** see Jarzynski, J. 8-63227
- Flechon, J.**, Kuhnast, F.A., Machizaud, F. Atomic and electronic transport in amorphous nickel-boron alloys 8-84325
- Flechon, J.**, Kuhnast, F.A., Machizaud, F., Augin, B., Defresne, A. Thermal analysis of amorphous Ni-P and Ni-B alloys 8-91253
- Fleck, A.** see Herrmann, K. 8-75103, 8-90790
- Fleck, J.A., Jr.**, Morris, J.R. Equivalent thin lens model for thermal blooming compensation 8-87108
- Fleck, J.A., Jr.**, Morris, J.R., Bliss, E.S. Small-scale self-focusing effects in a high power glass laser amplifier 8-55415
- Fleet, M.E.** Origin of olivine subgrain boundaries in mantle peridotites 8-85544
- Feig, G.J.** see Williams, V.L. 8-59167
- Fleisch, D.** The VP 450 data system—a new evaluation system for use with gamma cameras 8-92732
- Fleischer, G.**, Herbath, O., Schwind, H. Effect of constant electric fields on radical polymerisation. II. Results 8-61008
- Fleischer, R.L.**, Mogro-Campero, A. Mapping of integrated radon emanation for detection of long-distance migration of gases within the Earth: techniques and principles 8-85560
- Fleischhauer, W.** Bell's Glassfiber trial has encouraging results 8-74990
- Fleischmann, H.H.** see Lovelace, R.V. 8-67395
- Fleischmann, H.H.** see Smith, A.C., Jr. 8-49940
- Fleischmann, P.** see Rouby, D. 8-84934
- Fleischmann, R.** see Stockmeyer, R. 8-71941
- Fleisher, V.G.** see Zakharchenya, B.P. 8-88229
- Feishman, L.**, Licciardello, D.C., Anderson, P.W. Elementary excitations in the Fermi glass 8-56086
- Feissbach, T.**, Mang, H.J. Comment on various (common and uncommon) functions for the motion of a bound alpha particle 8-86515
- Feissner, G.** see Koehler, W.K. 8-80875

- Fleissner, J.G., Rakel, D.A., Venezia, F.P., Funk, J.C., Mitchell, J.W., Smith, H.A., Jr. Investigation of 84- to 99-MeV ^6Li induced reactions on rare earth targets 8-66307
- Fleissner, J. see Yuon, D.A. 8-73330
- Flem, G.L. see Le Flem, G.
- Fleming, D.G. see Jean, Y.C. 8-80774
- Fleming, D.G. see Nishida, N. 8-95538
- Fleming, D.G. see Roduner, E. 8-74678
- Fleming, D.L., Lund, R.E. Magneto-optic bubble domain spatial light modulator 8-79139
- Fleming, G.N. Some inequalities for the Trieste theory of unstable-particle decay 8-93869
- Fleming, G.R. see Robinson, G.W. 8-58051, 8-86389
- Fleming, G.R. see Sackowski, P.J. 8-82762
- Fleming, H. Regge trajectories for narrow resonances 8-82178
- Fleming, H. On self-consistent computation of spontaneously generated mass 8-86412
- Fleming, H., Frenkel, J., Lee-Nauenberg, Theorem and Coulomb scattering 8-54595
- Fleming, H., Furuya, K. On renormalization-invariant masses 8-86411
- Fleming, J.S. The manufacture and properties of two dimensional position sensitive orthogonal electrode silicon surface barrier detectors 8-50437
- Fleming, J.W. Material dispersion in lightguide glasses 8-55447
- Fleming, J.W. see Cohen, L.G. 8-71204
- Fleming, P.D., III Interpretation of interfacial phenomena using schematic density profiles 8-60012
- Fleming, P.J. Physics 8-57725
- Fleming, R.M., Polo, J.A., Jr., Coleman, R.V. Oscillatory magnetotransport in NbSe_3 and TaSe_3 8-51975
- Fleming, R.P.H. The effect of TiC additions to binary, ternary and more complex nickel base alloys 8-92305
- Fleming, R.R. see Hall, R.M. 8-73259
- Flemings, M.C. see Dunn, E.M. 8-80537
- Flemming, N.C. Holocene eustatic changes and coastal tectonics in the northeast Mediterranean: implications for models of crustal consumption 8-81201
- Flerackers, E.L.M. see Janssen, H.J. 8-81835
- Florov, G.N. Superheavy elements 8-50117
- Flessas, G.P. An analytical method for the investigation of triaxial shapes in nuclei 8-78293
- Fletcher, A.N. Laser dye stability. IV. Photodegradation relationships for bicyclic dyes in alcohol solutions 8-55349
- Fletcher, A.N., Bliss, D.E. Laser dye stability. V. Effect of chemical substituents of bicyclic dyes upon photodegradation parameters 8-71098
- Fletcher, D., Fujimura, Y., Lin, S.H. Calculation of rates of radiationless transitions in matrix-isolated CN 8-78740
- Fletcher, J. see Blevin, H.A. 8-83613, 8-87566, 8-91059
- Fletcher, J. see Nygaard, K.J. 8-63061
- Fletcher, J.M. see Batten, A.H. 8-73738
- Fletcher, J.R. see Challis, L.J. 8-67779
- Fletcher, L.S. see Przirembel, C.E.G. 8-51208
- Fletcher, L.S. see Smith, A.M. 8-88274
- Fletcher, N.R. see Cahill, T.A. 8-69350
- Fletcher, N.R. see Frawley, A.D. 8-89901
- Fletcher, N.R. see James, D.R. 8-78347
- Fletcher, S., Smith, A. The effect of the variation of potential on progressive three-dimensional nucleation and growth 8-68634
- Fletcher, S., Smith, A. Galvanostatic transients and crystallisation overvoltage 8-76867
- Fletcher, S. see Barradas, R.G. 8-51842, 8-51843, 8-68899
- Fletcher-Matrix, C. see Humenick, M.J. 8-92865
- Fleuret, J., Maitre, H. Pattern recognition by hybrid image processing 8-58942
- Fleuret, J. see Maitre, H. 8-58941
- Fleurier, C., Chapelle, J. Profile of the He I 4471 Å line at high electron densities in helium and helium-neon plasmas 8-67472
- Fleurier, C., Coulaud, G., Chapelle, J. Observation of an ion effect in the profile of the 4471-Å line of He I 8-94214
- Fléurov, V.N., Kozlov, A.N. Quantum kinetic equation for electrons in metals 8-91686
- Fléury, A., Delagrangé, H., Alexander, J.M. Statistical-model analysis of fission isomer production for ^{237}Pu and ^{239}Am 8-66326
- Fléury, A. see Bimbot, R. 8-70720
- Fléury, A. see Delagrangé, H. 8-66325
- Fléury, G. see Huvénne, J.P. 8-84582
- Fléury, G. see Huvénne, J.-P. 8-88664
- Fléury, G. see Simova, P. 8-75545
- Fléury, P.A., Lyons, K.B. Dynamic central peaks and phonon interactions near structural phase transitions 8-83903
- Fléury, P.A. see Lyons, K.B. 8-56439
- Flewitt, P.E.J. see Doss, P. 8-53051, 8-63403, 8-68853, 8-76654, 8-85023, 8-87590, 8-87685
- Flewitt, P.E.J. see Lonsdale, D. 8-56759, 8-92306
- Fliche, H.H. see Duval, C. 8-49729
- Flicker, H., Holland, R.F., Bischel, W.K., Pummer, H., Rhodes, C.K. Measurement of 16- μm emission of a two-photon-excited ammonia laser 8-71085
- Flicker, H. see Ackerhalt, J.R. 8-90161
- Flicker, H. see McDowell, R.S. 8-90162
- Flicker, W.M., Mosher, O.A. Detection of a second triplet state in thiophosgene by electron-impact spectroscopy 8-78808
- Flicker, W.M., Mosher, O.A., Kuppermann, A. Electron-impact investigation of excited singlet states in 1,3-butadiene 8-62932
- Fliedner, T.M. Organizational aspects of the handling of radiation accidents in the Federal Republic of Germany 8-53530
- Flier, J.S. Ouabain-like activity in toad skin and its implications for endogenous regulation of ion transport 8-73147
- Fliermans, C.B., Hayes, D.W., Johnson, N.D. Radon-222 in biologically produced gas from a reactor cooling pond 8-80976
- Flink, J.M., Gejl-Hansen, F., Cocks, F.H., Hildebrandt, W.H. Comments on 'Microscope cold stage for the direct observation of vacuum etching and freeze drying' [and replies] 8-54450
- Flinn, L., Downes, J.D. The electromechanical properties of piezoelectric ceramics at high drive levels 8-60395
- Flinsberg, H.J. see Waszink, J.H. 8-75415
- Flint, C.D. Luminescence spectra and relaxation processes of ReBr_6^{3-} in cubic crystals 8-68552
- Flint, C.D. see Black, A.M. 8-74658
- Flint, R.B. see Farnell, G.C. 8-62248
- Fliri, F. Comment on 'Nondeterministic theories of climatic change' by E.N. Lorenz [and reply] 8-73503
- Fliszar, S. Charge distributions and chemical effects. XVII. Valence region energies and electronegativity of atoms and charged species 8-78612
- Flocard, H., Koonin, S.E., Weiss, M.S. Three-dimensional time-dependent Hartree-Fock calculations: application to $^{16}\text{O}+^{16}\text{O}$ collisions 8-66317
- Flocard, H., Weiss, M.S. Comparison of two-dimensional and three-dimensional time-dependent Hartree-Fock for $^{40}\text{Ca}+^{40}\text{Ca}$ at $E_{\text{lab}}=278$ MeV 8-82386
- Flocard, H. see Koonin, S. 8-74320
- Flocchini, R.G. see Cahill, T.A. 8-69350
- Floch, A. Le see Le Floch, J.
- Floch, J. Le see Le Floch, J.
- Floch, M. Le see Le Floch, M.
- Flodstrom, S.A. see Bachrach, R.Z. 8-62275, 8-72225
- Flodstrom, S.A. see Hagstrom, S.B.M. 8-52634
- Flohn, H. Climate and energy: a scenario to a 21st century problem 8-57299
- Flohr, R. see Albright, J. 8-61253
- Flom, M.C. see Kratz, L.D. 8-61265
- Flood, D.J. Crystal fields and magnetic properties of ErH_3 8-68181
- Flood, T.A. see Andrews, J.T.S. 8-75603
- Floquet, N. see Berthod, L. 8-80739
- Floquet, N. see Bertrand, O. 8-95945
- Flor, H. see Neuhauser, H. 8-68723
- Floran, R.J., Phinney, W.C., Warner, J.L., Grieve, R.A.F., Simonds, C.H., Blanchard, D.P., Dence, M.R. Manicouagan impact melt, Quebec. I. Stratigraphy, petrology, and chemistry 8-81164
- Floran, R.J. see Bor-ming Jahn 8-81168
- Floran, R.J. see Grieve, R.A.F. 8-81165
- Floran, R.J. see Simonds, C.H. 8-81166
- Floranta, E.W. see Kunkel, K.E. 8-65366
- Floratos, E.G. see de Rijula, A. 8-74267
- Floreen, S. see Merrick, H.F. 8-52977
- Florek, M. see Oravec, J. 8-55094
- Florek, S. see Ross, W. 8-71089
- Floreskii, P.V. see Gendler, T.S. 8-61420
- Flores, E.Z., Gutjahr, W.A.L., Gelhar, L.W. A stochastic model of the operation of a stream-aquifer system 8-81241
- Flores, F., Tejedor, C., Martín-Rodero, A. Surface states in the (111) and (111) faces of zincblende compounds 8-80035
- Flores, F. see Djafari-Rouhani, B. 8-84278
- Flores, L.N., Hecht, D.L. Acousto-optic signal processors 8-79137
- Florescu, V., Costescu, A. Classical and nonrelativistic quantum mechanical electron bremsstrahlung spectrum in the point Coulomb field 8-65792
- Florescu, V. see Bunaci, D. 8-66245
- Florian, R., Pelz, J., Rosenberg, M., Wernhardt, R., Vargas, H. Photoacoustic detection of phase transitions 8-75810
- Floridis, T.P. Effects of the oxides of chromium and vanadium on the desulfurizing capacities of slags 8-85119
- Florinsky, F.S. see Sidorovich, A.V. 8-75571
- Florio, A. Oliva see Oliva Florio, A.
- Florov, V.K., Detsyura, K.Ya., Siukhin, A.F., Martynova, T.P. Quantitative rating of nonuniform single phase structure 8-85072
- Flory, P.J. Chemistry, macromolecules, and the needs of man 8-95907
- Flory, P.J. see Erman, B. 8-75711
- Flory, W., Neuhaus, O.W. A single, stimutable transport system in rat liver shared by certain amino acids following whole-body γ -irradiation 8-65098
- Flossmann, W., Westhof, E. The action of ionizing radiation on protein. II. Radical formation in L-tryptophan HCl 8-64940
- Flotow, H.E., Osborne, D.W. Heat capacities and thermodynamic properties of ThH_2 and $\text{ThH}_{3.75}$ to 1000K 8-91451
- Flotow, H.E. see Lyon, W.G. 8-79781
- Flotow, H.E. see Osborne, D.W. 8-92500
- Flottmann, T. see Holder, M. 8-55103
- Flouquet, J., Ribault, M., Taurian, O., Sanchez, J., Tholence, J.L. The giant moment of PdMn at very low temperature 8-88094
- Flouquet, J. see Benoit, A. 8-67999
- Flouquet, J. see Ribault, M. 8-64280
- Flower, H.M. see Ashby, J.A. 8-72896
- Flower, W.L. see Mulac, A.J. 8-89549
- Flowers, A.G. see McGeorge, J.C. 8-58262
- Flowers, E.C. see Peterson, J.T. 8-92982
- Flowers, E.G., Richardson, R.W. Transverse acoustic impedance of normal ^3He 8-51778
- Flowers, K. Friction and mechanical energy loss 8-81758
- Flowers, W.C. see Grimes, D.L. 8-81081
- Floyd, G.R. see Prince, R.H. 8-71985
- Floyd, J. see Gentle, K. 8-54984
- Floyd, J.E. Design of TEXT structural system 8-54882
- Floyd, R.W. see Au, W.W.L. 8-88721
- Fluckiger, U., Arend, H. On the preparation of pure, doped and reduced KNO_3 single crystals 8-60564
- Fluendy, M.A.D. see McCall, J.M. 8-86969
- Fluerasu, D. see Bunaci, D. 8-66245
- Flugge, G. see Alexander, G. 8-74251, 8-89766
- Flugge, G. see Berger, Ch. 8-62414, 8-89725
- Fluke, D.J. see Pollard, E.C. 8-53458, 8-69140
- Flukiger, R., Baillif, R., Walker, E. Single crystals of Chevrel-type compounds: growth, stoichiometry and electrical resistivity 8-92187
- Flume, R. A local uniqueness theorem for (anti-) self-dual solutions of SU(2) Yang-Mills equations 8-70263
- Fluri, L. see Corden, M.J. 8-62470
- Flusberg, A., Mossberg, T., Kachru, R. Observation and relaxation of the two-photon echo in Na vapor 8-83041
- Flusberg, A. see Mossberg, T. 8-50855
- Fluss, M.J., Smedskjaer, L.C., Chason, M.K., Legnini, D.G., Siegel, R.W. Measurements of the vacancy formation enthalpy in aluminum using positron annihilation spectroscopy 8-67707
- Flyagin, V.B. see Amaglobeli, N.S. 8-54652
- Flyagin, V.B. see Bairamov, A.A. 8-78422
- Flygare, W.H. see Voss, H.L. 8-50572
- Flyger, H., Heidam, N.Z. Ground level measurements of the summer tropospheric aerosol in Northern Greenland 8-85645
- Flynn, C.P. see Avci, R. 8-80070
- Flynn, D. see Williams, J.R. 8-80929
- Flynn, E.R., Burke, D.G. $^{189,192}\text{Os}(t,p)$ reaction at 15 MeV 8-50181
- Flynn, E.R., Hanson, D.L., Poore, R.V., Orbesen, S.D., Lind, D.A. Observation of the neutron pairing vibration in ^{206}Hg 8-62549
- Flynn, E.R. see Aizenberg-Selove, F. 8-66290, 8-70544
- Flynn, E.R. see Becchetti, F.D. 8-98986
- Flynn, E.R. see Lovhoiden, G. 8-78390
- Flynn, E.R. see Sercely, R.R. 8-78392
- Flynn, G.W. see West, G.A. 8-76837
- Flynn, M., Scobie, J. A flexible multi-scaler system with micro-processor control 8-90037
- Flynn, T.M. see Zimmerman, J.E. (editor) 8-93696
- Flytzanis, C. see Dulic, A. 8-66683
- Flytzanis, N., Celli, V., Crowley, S. Coherent motion of single dislocations and dislocation avalanches 8-71738
- Flytzanis, N. see Crowley, S. 8-95056
- Focardi, E. see Bini, M. 8-82314
- Focke, A.E., Westermann, F.E., Kemphaus, J., Shih, W.T., Hoch, M. Wear of superhard materials when cutting superalloys 8-64720
- Fodor, I., Sziklai, J., Kardon, B., Rao, J.R., Beckert, K., Herrmann, F., Schobert, H. $g_{9/2}$ isobaric analogue resonances in the $^{56}\text{Fe}(p,\gamma)^{57}\text{Co}$ reaction 8-82332
- Fodor, I., Sziklai, J., Kardon, B., Rama Rao, J., Beckert, K., Herrmann, F., Schobert, H. $g_{9/2}$ isobaric analogue resonances in the $^{56}\text{Fe}(p,\gamma)^{57}\text{Co}$ reaction 8-70504
- Foerster, D. On quark confinement in a condensate of non-Abelian vortices 8-70328
- Foerster, D. On condensation of extended structures 8-78141
- Foerster, F. Detection of surface defects in hot-rolled rods without scale removal 8-95890

- Foerster, F.** Inspecting tubing and other round profile parts by the magnetic leakage flux method 8-95891
- Foet, D., Jones, D.W., Beaudry, B.J., Gschneider, K.A., Jr.** Preparation of single crystals of praseodymium and neodymium 8-84709
- Fog, C.** *see* Lading, L. 8-69469
- Fogarassy, B.** *see* Kemeny, T. 8-91257
- Fogarty, T.N., Fraser, D.B., Valentine, W.J.** MOS metallisation via automatic 'S-Gun' planetary deposition system 8-72724
- Fogedby, H.C.** The Ising chain in a skew magnetic field 8-80153
- Fogel, G.R.** *see* Knapiply, G.M. 8-76929
- Fogel, N.Ya., Moshenski, A.A., Dmitrenko, I.M.** Ion implantation as a method of studying inhomogeneities in superconductors: results for indium films with embedded helium particles 8-52181
- Fogel', Ya.M.** *see* Kiyani, T.S. 8-55140
- Fogelberg, B.** *see* Greenwood, R.C. 8-89819
- Fogelman, I., Bessent, R.G., Turner, J.G., Citrin, D.L., Boyle, I.T., Grieg, W.R.** The use of whole-body retention of Tc-99m diphosphate in the diagnosis of metabolic disease 8-73208
- Fogelman, I., McKillop, J.H., Bessent, R.G., Boyle, I.T., Turner, J.G., Greig, W.R.** The role of bone scanning in osteomalacia 8-73204
- Fogel'son, R.L., Voronina, I.M., Somova, T.I.** Diffusion of palladium and platinum in gold 8-91484
- Fogli-Muciaccia, M.T.** *see* Alibrán, P. 8-50026
- Fogli-Muciaccia, M.T.** *see* Erriquez, O. 8-82195
- Foglio, M.E.** Statistical mechanics of impurity states. I. General treatment 8-51930
- Foglio, M.E.** Statistical mechanics of impurity states. II. Applications 8-64004
- Foglio, M.E.** *see* Peixoto, L.T. 8-60326
- Foglio Para, A., Terrani, M., Sandrelli, G.C.** A simple algorithm for the best fit of Gaussian peaks of nuclear detectors 8-58538
- Foh, J., Frey, R., Schneider, R., Schull, D., Schwierczinski, A., Theissen, H., Titze, O.** High resolution electron scattering facility at the Darmstadt linear accelerator (DALINAC). IV. Data processing 8-70681
- Foh, J.** *see* Schull, D. 8-70680
- Foigel', A.V.** *see* Zhabotinskii, M.E. 8-87172
- Foiles, C.L.** Magnetic susceptibility of α -phase noble metal alloys 8-68154
- Foiles, C.L.** Thermopower in some classic spin-glasses 8-79983
- Foiles, C.L.** *see* Lee, C.W. 8-68016
- Fok, M.V.** On the article by E.V. Gusev and G.G. Turverov 'The Applicability of the Alentsev-Fock method for the separation of complex spectral bands into their individual components' 8-90230
- Fok, M.V.** *see* Ushakov, Yu.V. 8-84661
- Fokanov, V.P.** *see* Baboshin, V.N. 8-50769
- Fokeev, V.F.** *see* Dinaburg, L.B. 8-57961
- Fokeev, V.F.** *see* Dinaburg, L.V. 8-57992
- Fokeeva, E.V.** *see* Akhmedov, Sh.A. 8-96265
- Fokeeva, E.V.** *see* Dianov-Klokov, V.I. 8-53700
- Fokht, A.S., Balnokin, Yu.V.** Method of investigating the relative quantum yield of photo-biological processes in light of different spectral composition with use of interference light filters 8-65154
- Fokin, A.G.** Dielectric properties of nonmatrix dielectrics 8-52425
- Fokina, G.V.** *see* Popov, A.P. 8-76975
- Fokina, N.P.** *see* Buishvili, L.L. 8-60356
- Fokkema, J.T.** Diffraction of elastic waves by the periodic rigid boundary of a semi-infinite solid 8-90768
- Fokov, G.A.** *see* Sergienko, A.S. 8-67457
- Foldeaki, M., Stefan, M.** Magnetic aftereffect of interstitial oxygen in iron 8-91903
- Foldiak, G.** *see* Said, F.I.A. 8-94146
- Foldvari, I., Voszka, R., Morlin, Z.** The properties of Li ions in NaCl single crystals. I. Vacuum ultraviolet, ionic conductivity, and X-ray diffraction studies 8-92097
- Foldvari, I.** *see* Bohun, A. 8-68534
- Foldy, L.L.** Electrostatic stability of Wigner and Wigner-Dyson lattices 8-84162
- Foldy, L.L., Lock, J.A.** Families of improved separable interactions for πN and $\pi\pi$ scattering for applications to three-body problems 8-78113
- Folea, R.** *see* Blumenfeld, M. 8-81816
- Foley, C.D.** *see* Quambury, A.O. 8-80994
- Foley, C.I.** *see* Swider, W. 8-93038
- Foley, E.** *see* Solld, J.E. 8-90471
- Foley, F.J.** *see* Etkin, A. 8-89743
- Foley, J.M., Richards, W.A.** Binocular depth mixture with non-symmetric disparities 8-56991
- Foley, R.T., Trzaskoma, P.P.** The chemical nature of the anion dependency of the corrosion of aluminum alloy 7075-T6 8-60867
- Foley, R.T.** *see* Dallek, S. 8-72917
- Folinsbee, J.T., Harrison, J.P.** Phonon reflection at a silicon- ^3He interface 8-84043
- Folinsbee, R.A.** *see* Fillon, R.H. 8-65255
- Folk, R., Iro, H., Schwabl, F.** Elastic phase transitions 8-79722
- Folkesson, B.** *see* Larsson, R. 8-50585
- Folkins, J.** *see* Griffin, J.A. 8-68484
- Folkins, J.J.** *see* Wolf, R.P. 8-75734
- Folkmann, F.** *see* Beyer, H.F. 8-66641
- Folkmann, F.** *see* Christensen, P.R. 8-54798
- Folkmann, F.** *see* Mann, R. 8-6838
- Folkmann, F.** *see* Mokler, P.H. 8-74757
- Folland, R.** *see* Charlesby, A. 8-66702
- Folle, H.-R.** *see* Herzog, P. 8-72442
- Folli, U.** *see* Bernardi, F. 8-82786
- Follstaedt, D.** *see* Narath, A. 8-68155
- Follstaedt, D.M.** *see* Myers, S.M. 8-92312
- Foltman, A.J., Meneghetti, D.** The feasibility of irradiating $^{233}\text{U}/^{232}\text{Th}$ metal fuel experiments in EBR-II 8-86610
- Foltny, S.R.** *see* Nygaard, K.J. 8-59542, 8-63061
- Fomalont, E.B., Bridle, A.H.** Extended radio sources and elliptical galaxies. II. A search for radio cores using the VLA 8-81700
- Fomalont, E.B., Bridle, A.H.** The radio source 0915+320: A 'wide-angle-tail' source in a group of galaxies 8-93441
- Fomalont, E.B.** *see* Bridle, A.H. 8-81699
- Fomalont, E.B.** *see* Pauling-Toth, I.I.K. 8-69893
- Fomenko, A.F.** *see* Kopylov, I.M. 8-87173
- Fomenko, G.D.** *see* Belyakov, L.N. 8-85045
- Fomenko, L.S.** *see* Boiko, Yu.F. 8-85069
- Fomenko, M.G.** *see* Gorunov, V.I. 8-58075
- Fomenko, V.N.** *see* Savushkin, L.N. 8-78243
- Fomichev, V.M.** *see* Leont'ev, A.I. 8-94711
- Fomichev, V.N.** *see* Devyaterikov, R.P. 8-58001
- Fomin, A.A.** Spectral density measurement for eddy-current spatial harmonics 8-53141
- Fomin, I.A.** Solution of spin dynamics equations for ^3He superfluid phases in a strong magnetic field 8-56010
- Fomin, I.A.** On the experimental value of the intrinsic angular momentum of the A-phase of superfluid helium-3 8-56013
- Fomin, I.A., Pethick, C.J., Serene, J.W.** Influence of internal fields on magnetic and electric-orientational effects on superfluid ^3He 8-51775
- Fomin, N.A.** *see* Blinov, V.V. 8-71076
- Fomin, N.G.** *see* Vorob'ev, Yu.B. 8-54469
- Fomin, P.I., Gusynin, V.P., Miransky, V.A.** Vacuum instability of massless electrodynamics and the Gell-Mann-Low eigenvalue condition for the bare coupling constant 8-89643
- Fomin, P.I.** *see* Vilenkin, A.V. 8-49681
- Fomin, S.P.** *see* Vorontsova, Ye.A. 8-57340
- Fomin, V.M., Pokatilov, E.P.** On the representation of the non-stationary density matrix of an electron-phonon system by a functional integral 8-71818
- Fomin, V.P.** Anisotropy of cosmic-rays of super-high energy in direction of galactic disc 8-57410
- Fomin, Yu.A.** *see* Kalmykov, N.N. 8-78231
- Fomin, Yu.N.** *see* Marennikov, S.I. 8-76467
- Fomina, T.Ya.** *see* Pyatkov, A.G. 8-61112
- Fomins, Ya.Ya.** *see* Madzhulis, I.Ya. 8-52458
- Fominskii, L.F., Gorozhankin, E.V.** Unit for electrically excited preionization of gas with electron-beam recuperation 8-59013
- Fominykh, M.** *see* Adam, I. 8-78261
- Fominykh, M.I.** *see* Alikov, B.A. 8-82562
- Fominykh, V.I.** *see* Alikov, B.A. 8-82562
- Fonarev, A.S.** *see* Lifshits, Yu.B. 8-87357
- Fonck, K., Konings, A.W.T.** The effect of vitamin E on cellular survival after X-irradiation of lymphoma cells 8-92677
- Fonck, R.J., Huppler, D.A., Roessler, F.L., Tracy, D.H., Daehler, M.** All-reflection Michelson interferometer: analysis and test for far IR Fourier spectroscopy 8-70205
- Fonck, R.J., Tracy, D.W., Wright, D.C., Tomkins, F.S.** Atomic diamagnetism: quasi-Landau spectrum near the ionisation threshold 8-58642
- Fonda, L., Ghirardi, G.C., Rimini, A.** Decay theory of unstable quantum systems 8-65871
- Fondere, F., Obriot, J., Marteau, Ph.** Far infrared spectra of molecular solids under high pressure at 4.2K 8-62801
- Foner, S., Frankel, R.B., Rieff, W.M., Wong, H., Long, G.J.** Magnetic properties of linear chain systems: metamagnetism of single crystal Co(pyridine)₂Cl₂ 8-72345
- Foner, S., McNiff, E.J., Jr., Oesterreicher, H., Parker, F.T., Misroch, M.** High field measurements of giant intrinsic magnetic hardness in $\text{SmCo}_{5-x}\text{Ni}_x$ and $\text{SmCo}_{5-x}\text{Cu}_x$ 8-68289
- Foner, S.** *see* Guertin, R.P. 8-56315, 8-95422
- Foner, S.N., Hudson, R.L.** Mass spectrometry of excited state molecules: Observation of highly vibrationally excited HF by ionisation potential measurement 8-58603
- Foner, S.N., Hudson, R.L.** Determination of the proton affinity of N_2 from ionization data on trans-dinitride 8-58869
- Foner, S.N., Hudson, R.L.** On the heat of formation of dinitride 8-61040
- Fong, A.** *see* Feller, J.M. 8-66136
- Fong, A.** *see* Jaros, J.A. 8-50042
- Fong, A.** *see* Scharre, D.L. 8-89723
- Fong, A.** *see* Vuillemin, V. 8-93876
- Fong, C.P.** *see* Li, C.C. 8-73242
- Fong, C.Y.** *see* Alward, J.F. 8-91612
- Fong, G.D., Kuczkowski, L., Ashe, A.J., III** The microwave spectrum, structure and nuclear quadrupole coupling constants for stibabenzene 8-70817
- Fong, J., Bauer, T.S., Igo, G.J., Pauletta, G., Ridge, R., Rolfe, R., Soukup, J., Whitten, C.A., Jr., Hoffmann, G.W., Hintz, N., Oothoudt, M., Blanpied, G., Liljestrand, R.L., Kozlowski, T.** p- ^4He elastic scattering at 788 MeV 8-94008
- Fong, J.** *see* Hoffmann, G.W. 8-62674
- Fong, P.** Critical evaluation of the statistical theory of fission 8-70508
- Fong, P.** Statistical theory of spin distribution of fission products 8-70509
- Fong, S.-W.** *see* Powers, R.P. 8-80968
- Fong Lee Kai** *see* Kai Fong Lee
- Fonroget, J.** *see* Brunol, J. 8-53489, 8-57067
- Fonseca, H.** *see* Monteiro, S.N. 8-60798
- Fonseca, M.V., Campos, J.** Lifetimes of some levels belonging to the $4p^5 5p$ and $4p^6 6p$ configurations of Kr I 8-58625
- Fonstad, C.G., Armiento, C.A.** Approximating the transient response of double-heterojunction devices 8-68078
- Fonstad, C.G.** *see* Perea, E.H. 8-84083
- Font, R.G., Yelderman, J.C., Hayward, C.T., Baldwin, E.E.** Preliminary field study of the fracture patterns associated with the Balcones Fault Zone in north central Texas 8-73337
- Fontaine, A., Lagarde, P., Raoux, D., Fontana, M.P., Maisano, G., Migliardo, P., Wanderling, F.** Extended X-ray-absorption fine-structure studies of local ordering in highly concentrated aqueous solutions of CuBr_2 8-79520
- Fontaine, A.B.** *see* Birkemeier, W.P. 8-53542
- Fontaine, B., Forestier, B.** Long pulse electron beam excited XeF laser 8-50794
- Fontaine, B., Forestier, B.** Long pulse ultraviolet laser emission in an electron beam excited low temperature supersonic flow 8-58982
- Fontaine, B., Forestier, B.** Long pulse ultraviolet laser emissions in an aerodynamically cooled electron-beam excited Ne-NF₃ mixture 8-78996
- Fontaine, B.** *see* Forestier, B. 8-58727, 8-66801
- Fontaine, D.** *see* Boissier, M. 8-80370
- Fontaine, D.** *see* de Fontaine, D.
- Fontaine, D.** *see* de Fontaine, D.
- Fontana, A.** *see* Cappi, A. 8-51113
- Fontana, A.** *see* Viliani, G. 8-56460
- Fontana, J.** *see* Tse, N.B. 8-75019
- Fontana, J.R.** *see* Coello-Vera, A.E. 8-71249
- Fontana, M.P., Maisano, G., Migliardo, P., Wanderling, F.** Raman spectroscopy and local order in aqueous solutions of strong II-I electrolytes 8-84563
- Fontana, M.P.** *see* Fontaine, A. 8-79520
- Fontana, M.P.** *see* Maisano, G. 8-75863
- Fontana, S.L., Paveri, P., Paveri Fontana, S.L.** Dielectric relaxation in yttrium- and lanthanum-doped calcium fluoride 8-72460
- Fontannaz, M., Schiff, D., Pire, B.** Diquark jets in leptoproduction and large- p_t reactions 8-82149
- Fonte, R.** *see* Calvi, G. 8-86538
- Fontex, C.** *see* Laurent, A. 8-81393
- Fonteneau, G., L'Helgoualch, H., Lucas, J.** Synthesis of new compounds LnThNbTiO_8 with fergusonite structure 8-83799
- Fontignie, D.** Geochronology of diabase pebbles of the 'val d'Illiez' conglomerates in the Thones syncline (Haute-Savoie, France) 8-92810
- Fontijn, A., Felder, W.** HTEFR studies of the kinetics of chemiluminescence emitter formation and quenching in metal atom oxidation reactions 8-63107
- Fontijn, A.** *see* Felder, W. 8-88636
- Fontijn, L.A.** Imaging conditions for electron-beam micromachining 8-82899
- Fontijn, L.A., Peugeot, R.S.** An operational 150 kV microfocus rod anode X-ray system for non-destructive testing 8-95881
- Fonton, S.** *see* de Fonton, S.
- Fonzo, D.F.** *see* Di Fonzo, D.F.
- Foo Tim Chau** *see* Karlsson, L. 8-50581
- Food, P.R.** *see* Roli, J. 8-77170
- Food, A.** *see* Beagley, B. 8-54482
- Food, R.** *see* Alldritt, M. 8-61623
- Foot, G.S.** *see* Varley, B.J. 8-93971
- Foot, J.H.** *see* Cohen, R.H. 8-55740
- Foot, V.S., Christie, R.S.** Some mechanical aspects of the multi-channel TV-Thomson scattering apparatus on the PLT machine 8-54932
- Foraisson, D., Souquet, J.L.** Electrochemical study of sodium conductive glass/sodium amalgam interface 8-76870

- Forbes, D.**, DuPuy, D.L. UVB photometry of the open clusters NGC 6604 and NGC 6704 8-53993
- Forbes, J.M.** Tidal variations in thermospheric O, O₂, N₂, Ar, He, and H 8-96334
- Forbes, J.M.**, Garrett, H.B. Seasonal-latitudinal structure of the diurnal thermospheric tide 8-77377
- Forbes, J.M.** *see* Garrett, H.B. 8-81476
- Forbes, R.G.** Negative work-function correction at a positively-charged surface 8-84281
- Forbes, R.G.** *see* Duffell, J. 8-60552
- Forbrig, B.** *see* Dittmar, G. 8-86332
- Ford, C.E.** *see* Lusk, J. 8-85703
- Ford, D.C.** *see* Brook, G.A. 8-96208
- Ford, D.C.** *see* Harmon, R.S. 8-57297, 8-73400
- Ford, F.P.** Quantitative examination of slip-dissolution and hydrogen-embrittlement theories of cracking in aluminium alloys 8-72852
- Ford, G.P.** Calculation of nuclear level densities for ⁵⁶Fe, ⁵⁹Co, ⁶⁰Ni, ⁶¹Cu, ⁶²Ni, ⁶³Cu and ⁶⁵Cu 8-50086
- Ford, G.W.** *see* Neuman, D. 8-57777
- Ford, H.C.**, Jacoby, G.H., Jenner, D.C. Planetary nebulae in Local Group galaxies. VI. An observational determination that M32 is in front of M31 8-93394
- Ford, J.** A picture book of stochasticity 8-93604
- Ford, J.** *see* Driscoll, J.N. 8-92561
- Ford, J.E.** *see* Parker, T.J. 8-79080
- Ford, J.L.C.** *see* Gross, E.E. 8-66204
- Ford, J.L.C., Jr.** *see* Thornton, S.T. 8-50070
- Ford, L.H.** The interaction of an atom with electromagnetic vacuum fluctuations in the presence of a pair of perfectly conducting plates 8-78122
- Ford, L.H.**, Parker, L. Creation of particles by singularities in asymptotically flat spacetimes 8-54260
- Ford, P.J.**, Schilling, J.S. The study of spin glasses under high pressure 8-52277
- Ford, R.**, Jenkins, D., Turchi, P., Burton, R.L. Pulsed high pressure gas generator using high explosives for imploding liners 8-54904
- Ford, R.D.** *see* Conte, D. 8-55034
- Ford, R.D.** *see* Lupton, W.H. 8-54948
- Ford, R.D.** *see* Turchi, P.J. 8-54902
- Ford, R.L.** *see* Beron, B.L. 8-66064, 8-74194
- Ford, W.K., Jr.** *see* Rubin, V.C. 8-81680
- Ford, W.T.** Optimum mixed delay spiking filters 8-77346
- Ford, W.T.** *see* Smith, J.G. 8-82190
- Ford, W.T.** *see* Wanderer, P. 8-66073
- Forde, D.**, Faulkner, G., Doncaster, C.C. A time-lapse apparatus for use with 16 mm Beaulieu cine cameras 8-74089
- Fordham, E.W.** *see* Turner, D.A. 8-65111, 8-73205
- Fordy, A.P.** Higher-spin fields in a curved space-time 8-62140
- Forest, T.W.**, Ward, C.A. Homogeneous nucleation of bubbles in solutions at pressures above the vapor pressure of the pure liquid 8-91430
- Forest T., Jr.** *de see* de Forest T., Jr.
- Forester, D.W.**, Vittoria, C., Schelleng, J., Lubitz, P. Magnetostriktion of amorphous Tb_{1-x}Fe_x thin films 8-68305
- Forester, D.W.**, Vittoria, C., Webb, D.C., Davis, K.L. Variable delay lines using magnetostrictive metallic-glass film overlays 8-63240
- Forester, J.P.** *see* Pegg, D.J. 8-78797
- Forestier, B.**, Fontaine, B. Fluorescence from e-beam excited low temperature and high pressure rare gas-NF₃ mixture 8-58727
- Forestier, B.**, Fontaine, B. Long-pulse ultraviolet laser emission in an electron-beam-excited supersonic flow 8-66801
- Forestier, B.** *see* Fontaine, B. 8-50794, 8-58982, 8-78996
- Forgacs, G.**, Zawadowski, A. Generalization of the Migdal's recursion relation. I. The harmonic rotator model in two dimensions 8-89413
- Forgacs, G.**, Zawadowski, A. Generalization of the Migdal's recursion relation. II. O(n) symmetric spin systems with n>2 8-91834
- Forgacs, P.** Correlation between isothermal and thermomechanical creep curves 8-64587
- Forgacs, P.**, Hedvig, P. Study of orientation in amorphous polymers by the creep thermomechanical method 8-75561
- Forgan, E.M.**, Gough, C.E. Ultrasonic attenuation in niobium. II. Measurements near B_{c2} 8-64167
- Forger, M.** *see* Back, A. 8-78128
- Forino, A.**, Quarenì-Vignudelli, A., Cartacci, A.M., Caporiccio, G., Contri, R., Trevisan, U., Boldetti, A., Costa, G., Perini, L., Lloyd, J., Thompson, G., Calligaris, E., Ratti, S. Study of the g-meson produced in the reaction $\pi^- p \rightarrow \omega \pi^- p$ at 11.2 GeV/c 8-78220
- Fork, R.L.** *see* Shank, C.V. 8-78741
- Forker, M.**, Soares, J.C., Krien, K., Reuschenbach, F., Freitag, K. The magnetic hyperfine field at Hg impurities in ferromagnetic Gd 8-52414
- Forker, M.** *see* Perscheid, B. 8-52413, 8-88244
- Forland, T.**, Grjothheim, K. Application of the activity concept in the physical chemistry of slags 8-53243
- Form, W.**, Gindraux, G., Mlynar, V. On the relation between twin density and size of recrystallized grains 8-52850
- Form, W.** *see* Schlaepfer, H.-W. 8-60760
- Forman, A.** *see* Fajer, J. 8-77004
- Forman, D.C.**, Richardson, P. Course development by team: some advice on how many cooks does it take to spoil the broth? 8-49580
- Forman, M.** Io may have a bright dawn terminator 8-96425
- Forman, M.A.**, Jokipii, J.R. Cosmic-ray streaming perpendicular to the mean magnetic field. II. The gyrophase distribution function 8-53778
- Forman, M.A.**, Schaeffer, O.A., Schaeffer, G.A. Meteoritic evidence for the Maunder minimum in solar activity 8-57529
- Forman, R.A.** *see* Piermarini, G.J. 8-83504
- Forman, W.** *see* Cominsky, L. 8-93460
- Forman, W.** *see* Jones, C. 8-93431
- Forman, W.** *see* Tananbaum, H. 8-93392
- Formaro, L.** *see* Visca, M. 8-85168
- Formisano, V.**, Domingo, V., Wenzel, K.-P. On the mechanism of plasma penetration and energetic electron escape across the dayside magnetopause 8-61672
- Formisano, V.** *see* Bonifazi, C. 8-85805
- Formisano, V.** *see* Greenstadt, E.W. 8-81506
- Formari, B.**, Mattei, G., Mattioli, L., Paganone, M. Raman spectra of halate ions as solid solutions in sodium chlorate and bromate lattices 8-78711
- Fornari, B.**, Pagannone, M. Experimental observation of the upper polariton branch in isotropic crystals 8-68510
- Fornari, D.J.** *see* Anderson, R.N. 8-73331
- Fornasini, M.L.**, Chabot, B., Parthe, E. The crystal structure of Sm₁₁Cd₄₅ with γ -brass and α -Mn clusters 8-75625
- Fornberg, B.**, Whitham, G.B. A numerical and theoretical study of certain nonlinear wave phenomena 8-81851
- Fornes, V.**, Chausson, J. An interpretation of the evolution with temperature of the $\nu_2 + \nu_3$ combination band in water 8-66548
- Forney, L.J.**, Ravenhall, D.G., Winn, D.S. Aerosol impactors: A study of a fluid jet impinging upon a void 8-63472
- Forney, L.J.** *see* Ravenhall, D.G. 8-57350
- Fornier, A.** *see* Vidal, B. 8-55476
- Foroughi, F.** On the peripheral nature of the nucleon-nucleon quasi-free scattering in the three-nucleon system 8-89726
- Foroughi, F.**, Pauletta, G. The coherence effect in many nucleons systems and some applications 8-89833
- Foroughi, F.** *see* Bovet, E. 8-82337
- Forouhi, A.R.**, Bloomer, I. A quantum mechanical approach to the velocity of dislocations in ice 8-91339
- Forrest, D.** *see* Brunton, G. 8-90192
- Forrest, W.J.** *see* McCarthy, J.F. 8-93354
- Forrester, A.T.**, Goebel, D.M., Crow, J.T. IBIS: A hollow-cathode multipole boundary ion source 8-74521
- Forrester, A.T.**, Perel, J., Mahoney, J. A critique of the throughput limit in mass spectrographs 8-65995
- Forrester, A.T.** *see* Goebel, D.M. 8-55729
- Forristall, G.Z.** On the statistical distribution of wave heights in a storm 8-73390
- Forsath, A.L.** *see* Horwitz, N.H. 8-53471
- Forsching, H.** *see* Chao, K.L. 8-51184
- Forsching, H.W.** Prediction of the unsteady airloads on oscillating lifting systems and bodies for aeroelastic analyses 8-71346
- Forsen, S.** *see* Lindman, B. 8-64287
- Forshey, D.R.** *see* Courtney, W.G. 8-71847
- Forsht, D.** *see* Millero, F.J. 8-73391
- Forslund, B.** A reaction cell for microscopic observations of high-temperature crystal growth experiments 8-64457
- Forsman, J.A.** *see* Grimley, R.T. 8-70944
- Forsman, W.C.** *see* Poddar, S.K. 8-83345
- Forssell, B.** Electrical stimulation of the nervous system is studied in Trondheim 8-77096
- Forst, W.** *see* Bhattacharjee, R.C. 8-60983
- Forst, W.** *see* Penner, A.P. 8-64810
- Forstat, H.**, Lam, N.T. A calorimetric study of CO₂Ni_{1-x}Cl₂·6H₂O 8-68256
- Forste, J.** The solubility of the field equations of two fluid models for a dusty gas 8-63489
- Forstel, H.**, Zielke, H. Measurements of the ¹⁸O/¹⁶O ratio of dissolved oxygen in the North Sea during FLEX 76 8-73404
- Forstel, H.** *see* Pflug, K.P. 8-85327
- Forstel, H.** *see* Schuster, K.D. 8-85326
- Forster, A.** *see* Potzel, W. 8-92004
- Forster, E.O.** *see* Wong, P.P. 8-88253
- Forster, K.-D.** *see* Bartelt, H.O. 8-74863
- Forstmann, F.** Electron states at clean surfaces 8-95325
- Forstmann, F.**, Stenschke, H. Dispersion of plasmons at the surface of a metal and at the interface between two metals 8-52053
- Forstner, U.** *see* Deurer, R. 8-65406
- Forsyth, J.B.**, Wilkinson, C., Gardner, P. The low-temperature magnetic structure of hexagonal FeGe 8-95418
- Forsyth, P.D.** *see* Palmer, D.C. 8-70450
- Forsyth, P.J.E.** *see* Bowen, A.W. 8-64693
- Forsythe, R.**, Czayka, M., Madey, R., Povlis, J. The volume adsorption capacity of activated carbon for selected trace contaminants 8-56031
- Fort, D.** *see* Jones, D.W. 8-84705
- Fort, R.C., Jr.** *see* Andrews, J.T.S. 8-75603
- Forté, E.**, van den Bergh, H. The heat of formation of the nitric oxide dimer and its UV spectrum 8-64872
- Forté, J.C.** *see* Marraco, H.G. 8-93364
- Forte, M.A.** *Di see* Di Forte, M.A.
- Fortes, V.B.** *see* Filonenko, V.A. 8-77297
- Fortet, R.**, Gualtierotti, A.F. A general theorem on absolute continuity, and its application to random perturbations of a clock 8-62150
- Forth, H.J.** *see* Frank, R. 8-50399
- Forth, H.J.** *see* Ingels, J. 8-77370
- Forti, R.** *Lo see* Lo Forti, R.
- Fortier, S.**, Gales, S. Investigation of high-spin states in ⁴⁷Ca through double-step processes in the ⁴⁸Ca(π, α)⁴⁷Ca reaction 8-89797
- Fortier, S.** *see* Schapira, J.P. 8-70505
- Fortin, X.** *see* Bourdier, A. 8-87447
- Fortini, A.** *see* Koh, J.C. 8-91008
- Fortini, P.** *see* Barakat, R. 8-66759
- Fortner, R.J.** *see* Woerlee, P.H. 8-78790
- Fortney, D.R.**, Porile, N.T. Energy dependence of the angular distribution of Sc fragments produced in the interaction of ²³⁸U with 0.8-11.5 GeV protons 8-70527
- Fortney, L.R.** *see* Lamsa, J.W. 8-54658
- Fortov, V.E.** *see* Bushman, A.V. 8-91414
- Fortov, V.E.** *see* Bushman, A.V. 8-71434
- Fortov, V.E.** *see* Gryasnov, V.K. 8-71435
- Fortuin, N.J.** *see* Garrison, J.B. 8-80937
- Fortuna, G.**, Lunardi, S., Morando, M., Signorini, C. Shell model and [collective high spin states] in [odd-A 1f_{7/2} nuclei]: ⁴⁵[⁴⁷Ti], ⁴⁷[⁴⁹V] and ⁵¹[⁵¹Mn] 8-62560
- Fortune, H.T.** Recent experimental results on m-particle-n-hole structure of light nuclei 8-50062
- Fortune, H.T.** Structure of 1⁺ states in ¹⁶N 8-50085
- Fortune, H.T.** Calculation of alpha transfer to 0⁺ levels of ⁴⁰Ca 8-62571
- Fortune, H.T.** Levels at 5.5-8.5 MeV in ¹⁶N from ¹⁴N(t, p) 8-66207
- Fortune, H.T.**, Bishop, J.N. Study of the reaction ¹⁶O(⁷Li,³He)²⁰F 8-82369
- Fortune, H.T.**, Bishop, J.N., Medsker, L.R., Wildenthal, B.H. Direct determination of [(sd)³]_{1/2} 1/2(1p⁻²)₀₁ component in ¹⁷O(g.s.) 8-78263
- Fortune, H.T.**, Cobern, M.E. Wave functions of 0⁺ states in ⁴²Ca 8-74308
- Fortune, H.T.**, Cobern, M.E., Moore, G.E. ¹⁸O(d,t)¹⁷O and the ground-state wave function of ¹⁸O 8-66287
- Fortune, H.T.**, Cobern, M.E., Mordechai, S., Moore, G.E., Lafrance, S., Middleton, R. (sd)² states in ^{14,16}C 8-54674
- Fortune, H.T.**, Courtney, W.J., Comfort, J.R., Braithwaite, W.J., Duray, J.R., Pilt, A.A. α pickup from ²⁴Mg 8-78352
- Fortune, H.T.**, Crozier, D.J., Zeidman, B., Cobern, M.E. Study of the ¹²C(³He, α)¹¹C reaction at E=36 MeV 8-78396
- Fortune, H.T.**, Kurath, D. Alpha transfer to ¹⁸O with empirical wave functions 8-82381
- Fortune, H.T.**, Medsker, L.R., Headley, S.C., Singer, K.D. Structure of ²⁴Na from ²²Ne(³He,p)²⁴Na 8-86477
- Fortune, H.T.**, Medsker, L.R., Nann, H., Wildenthal, B.H. Study of the ¹⁷O(α ,d)¹⁹F reaction 8-70548
- Fortune, H.T.**, Middleton, R., Bilaniuk, O.M. T=0 pairing vibrations in ¹⁶O 8-70422
- Fortune, H.T.**, Powers, J.R., Middleton, R., Bethge, K., Pilt, A.A. Alpha transfer to ²³Na 8-82383
- Fortune, H.T.**, Powers, J.R., Middleton, R., Nann, H., Wildenthal, B.H. ²¹Ne(³He,p)²³Na reaction [²³Na levels] 8-82284
- Fortune, H.T.** *see* Al-Jadir, M.N. 8-82361
- Fortune, H.T.** *see* Betts, R.R. 8-62554
- Fortune, H.T.** *see* Bilaniuk, O.M. 8-89891
- Fortune, H.T.** *see* Crozier, D.J. 8-50180
- Fortune, H.T.** *see* Hallock, J.N. 8-93944
- Fortune, H.T.** *see* Lafrance, S. 8-93945
- Fortune, H.T.** *see* Mateja, J.F. 8-78266
- Fortune, H.T.** *see* Moore, G.E. 8-62548
- Fortune, H.T.** *see* Mordechai, S. 8-70540, 8-70542
- Fortune, H.T.** *see* Powers, J.R. 8-50179
- Fortune, H.T.** *see* Spadafora, A. 8-66294
- Fortunsky, W.** *see* Denus, S. 8-82509

- Forward, R.L.** *see* Mallove, E.F. 8-81564
- Forwood, C.T.,** Clarebrough, L.M. On the interaction of slip dislocations with grain boundary structure 8-87686
- Fosbury, R.** *see* Boksenberg, A. 8-96540
- Fosbury, R.A.E.,** Mebold, U., Goss, W.M., Dopita, M.A. The active elliptical galaxy NGC 1052 8-65693
- Fosbury, R.A.E.** *see* Pagel, B.E.J. 8-93381
- Fosbury, R.A.E.** *see* Penston, M.V. 8-54066
- Fosdick, R.L.,** Kao, B.G. Transverse deformations associated with rectilinear shear in elastic solids 8-86162
- Fossan, D.B.** *see* Sjoreen, T.P. 8-70447
- Fossati, F.** *see* Pinelli, T. 8-50431
- Fossati-Bellani, V.** *see* DeMattia, P. 8-74864
- Fossey, M.E.** *see* Pincus, P.A. 8-66758
- Fossheim, K.,** Holt, R.M. Broadband tuning of helical resonant cavities 8-94502
- Fossheim, K.,** Kajimura, K., Kazuyaka, T.G., Melcher, R.L., Shiren, N.S. Dynamic polarization echoes in piezoelectric powders 8-52443
- Fossheim, K.** *see* Bjerkkan, L. 8-71925
- Fossheim, K.** *see* Holt, R.M. 8-63252
- Fossum, A.F.** On the structural behavior of progressively mined solution cavities in salt 8-61409
- Fossum, J.G.,** Burgess, E.L. High-efficiency p⁺-n-n⁺ back-surface-field silicon solar cells 8-84283
- Foster, B.** *see* Dionisi, C. 8-89735
- Foster, B.** *see* Gavillet, P. 8-70409
- Foster, B.** *see* Gavillet, Ph. 8-89736
- Foster, B.** *see* Jongejans, B. 8-78177
- Foster, B.** *see* Teodoro, D. 8-89767
- Foster, F.S.,** Hunt, J.W. The design and characterization of short pulse ultrasound transducers 8-87228
- Foster, G.** *see* Williamson, W., Jr. 8-74772
- Foster, J.C.,** Park, C.G., Brace, L.H., Burrows, J.R., Hoffman, J.H., Maier, E.J., Whitteker, J.H. Plasma signatures in the ionosphere and magnetosphere 8-57391
- Foster, J.L., Jr.,** Krmpotic, F., Ragland, T.V. Analysis of ¹³⁶Xe(p,p₀) on analog resonances and the structure of ¹³⁷Xe 8-66282
- Foster, K.R.,** Kritikos, H.N., Schwan, H.P. Effect of surface cooling and blood flow on the microwave heating of tissue 8-57038
- Foster, K.R.,** Wiederhold, M.L. Auditory responses in cats produced by pulsed ultrasound 8-61200
- Foster, L.M.** *see* Chandrasekhar, G.V. 8-87818
- Foster, P.J.** *see* Tan, E. 8-94578
- Fosterling, R.B.** *see* Davenport, D.A. 8-69930
- Fot, N.A.** *see* Troshchenko, V.T. 8-64800
- Fotchenkov, A.** *see* Bodnar, I.T. 8-83945
- Fote, A.A.,** Wildvank, A.H., Slade, R.A. Coefficient of friction of PTFE-impregnated porous bronze versus temperature 8-64737
- Fotheringham, R.R.** Satellites warn of ocean storms 8-69423
- Foti, A.E.,** Smith, V.H., Jr., Salahub, D.R. Explanation for the structural differences of S₂²⁺, S₂⁰ and S₂²⁻ 8-74784
- Foti, G.,** Campisano, S.U., Rimini, E., Vitali, G. Lattice location of Te in laser-annealed Te-implanted silicon 8-67725
- Foti, G.,** Csepreghi, L., Kennedy, E.F., Mayer, J.W. Dechanneling of MeV He ions by twinned regions in implanted Si crystals 8-75700
- Foti, G.,** Rimini, E., Campisano, S.U. Laser annealing of Pb-implanted silicon 8-75685
- Foti, G.** *see* Baeri, P. 8-79789
- Foti, G.** *see* Reichtin, M.D. 8-75688
- Foti, G.** *see* Vitali, G. 8-87704
- Fotiev, V.A.** *see* Smekhov, G.D. 8-87436
- Fotin, V.P.** Anomalous discharge in very long gaps 8-67568
- Fotner, G.** *see* Wilhelm, W. 8-62959
- Fou Cheng-Ming** *see* Cheng-Ming Fou
- Fou Theresa Sheau-Yun Wu** *see* Theresa Sheau-Yun Wu Fou
- Fouad Zedan, M.,** Dalton, C. Potential flow around axisymmetric bodies: direct and inverse problems 8-63412
- Fouad Zedan, M.,** Dalton, C. Incompressible irrotational axisymmetric flow about a body of revolution: The inverse problem 8-94630
- Fouassier, C.** *see* Latourrette, B. 8-80525
- Foukal, P.** Magnetic loops, downflows and convection in the solar corona 8-93175
- Fouletier, J.,** Kleitz, M. Direct determination of the electrical conductivity-nonstoichiometry relationship in ionically conducting metallic oxides 8-76079
- Fountain, D.M.** *see* de V. Klein, G. 8-65256
- Fouque, Y.,** Gaune-Escard, M., Szczepaniak, W., Bogacz, A. Synthesis, measurements by electrical conductivities and entropies of changes of state for the compound Na₂UBr₆ 8-79763
- Fouquet, F.** *see* Merlin, J. 8-76693
- Fouquet, J.** *see* de Fouquet, J.
- Fouquet, J.** *see* de Fouquet, J.
- Foucade, R.** *see* Bourgauf, M. 8-87643
- Fourcin, A.J.** *see* Simon, C. 8-57025
- Fourikis, N.** A new class of millimetre-wave telescope 8-61731
- Fourme, R.** *see* Lemonnier, M. 8-66017
- Fournelle, R.A.** *see* Mataya, M.C. 8-84983
- Fournet-Fayard, J.** Characteristics of optical propagation on an inclined path 8-96294
- Fourney, W.L.** *see* Holloway, D.C. 8-54338
- Fournier, D.,** Boccara, A.C., Badoz, J. Dichroism measurements in photoacoustic spectroscopy 8-62227
- Fournier, D.** *see* Parrot, R. 8-52566
- Fournier, G.,** Pigache, D. Model for the cathode region of a glow discharge 8-67524
- Fournier, G.** *see* Pigache, D. 8-71607
- Fournier, G.R.,** McGeoch, M.W. Kinetic model of the sustained discharge excitation of the cadmium mercury excimer 8-66804
- Fournier, G.R.** *see* McGeoch, M.W. 8-66805
- Fournier, J.,** Deson, J., Vermeil, C. Photolysis of NO trapped in a rigid matrix at 6K 8-73069
- Fournier, J.D.,** Frisch, U. d-dimensional turbulence 8-55634
- Fournier, J.-D.** *see* Pouquet, A. 8-75122
- Fournier, J.M.** *see* Almeida, S.P. 8-69261
- Fournier, J.-M.,** Tribillon, G., Vienot, J.-C. Recording of large size holograms in photographic emulsion: image reconstruction 8-78974
- Fournier, J.-M.** *see* Blaise, A. 8-84399
- Fournier, R.O.** Chemical geothermometers and mixing models for geothermal systems 8-69503
- Foussats, A.** *see* Fernandez, L. 8-66027
- Fowler, A.B.** *see* Fang, F.F. 8-64081
- Fowler, A.B.** *see* Hartstein, A. 8-60211
- Fowler, A.C.,** Larson, D.A. On the flow of polythermal glaciers. I. Model and preliminary analysis 8-85617
- Fowler, B.W.** Radiative transfer in two dimensions through fog 8-71032
- Fowler, C.M.R.** The Mid-Atlantic Ridge: structure at 45°N 8-73332
- Fowler, C.M.R.** *see* Nisbet, E.G. 8-85508
- Fowler, E.C.** *see* Alam, M.S. 8-66167
- Fowler, E.C.** *see* Cobb, J.H. 8-62469
- Fowler, E.D.** *see* Cobb, J.H. 8-89749
- Fowler, G.N.,** Weiner, R.M. Effects of classical fields in meson correlations 8-78082
- Fowler, J.B.** *see* Lind, M.A. 8-54461
- Fowler, J.D.** *see* Causey, R.A. 8-79816
- Fowler, J.L.** *see* Cookson, J.A. 8-62532
- Fowler, K.A.** *see* Lynnworth, L.C. 8-53167
- Fowler, M.** Theory of the quasi-one-dimensional electron gas with strong 'on-site' interaction 8-67966
- Fowler, M.,** Puga, M.W. Dimer gas model for tetracyanoquinodimethane (TCNQ) 8-87926
- Fowler, M.M.** *see* Otto, R.J. 8-66309, 8-74390
- Fowler, R.G.** A neglected class of magnetic field calculations 8-49607
- Fowler, R.G.** The effect of trajectory curvature on electron mobility in strong electric fields 8-83517
- Fowler, R.H.** *see* Goldston, R.J. 8-62643
- Fowler, T.K.** *see* Logan, B.G. 8-74466
- Fox, A.,** Fuchs, E.O. Mechanical properties in bending at elevated temperature of high strength copper alloy flat spring materials 8-72806
- Fox, A.G.** *see* Eaton, E.E. 8-66388
- Fox, C.H.,** Auer, G., Zetterberg, A., Cottler-Fox, M. A simple and inexpensive culture device for cell growth, quantitative microscopy and autoradiography 8-65163
- Fox, D.L.,** Scott, J.F., Bridenbaugh, P.M., Pierce, J.W. Raman scattering investigation of the monoclinic to orthorhombic phase transition in TbP₂O₄ 8-56486
- Fox, F.** Blood pressure instruments: direct systolic/diastolic measurement [safety, troubleshooting] 8-69234
- Fox, G.C.** Recent experimental results on high transverse momentum scattering from Fermilab 8-78225
- Fox, J.E.** Excitatory and inhibitory components of the eyeblink responses to startle evoking stimuli, studied in the human subject 8-77050
- Fox, J.R.** Tricritical phenomena in ternary and quaternary fluid mixtures 8-91416
- Fox, K.** 3ν₂ vibrational spectra of SF₆ and UF₆ 8-55183
- Fox, K.** *see* Cantrell, C.D. 8-74720
- Fox, L.R.** *see* Strandberg, M.W.P. 8-68123
- Fox, M.D.** Multiple crossed-beam ultrasound Doppler velocimetry 8-88730
- Fox, M.F.,** Barker, B.E., Hayon, E. Far-ultraviolet solution spectroscopy of chloride ion 8-94208
- Fox, N.,** Atkin, R.J., Cowin, S.C. On boundary conditions for polar materials 8-54186
- Fox, P.J.** *see* Burke, K. 8-96183
- Fox, P.W.** *see* Tarafdar, S.P. 8-73700
- Fox, R.F.** Hydrodynamic fluctuation theories 8-87327
- Fox, R.F.,** Barakat, R. Heat conduction in a random medium 8-54320
- Fox, R.L.** Completion of the multi-point turbulent equations using an approximation to the mean value theorem 8-67182
- Fox, R.W.,** McDonald, A.T. Introduction to fluid mechanics, second edition 8-59358
- Fox, T.F.,** Stephenson, M.I. Design and application of a range-gated ultrasonic Doppler flowmeter 8-59527
- Fox, W.W.** *see* Schwartz, J.G. 8-53556
- Foxon, C.T.,** Joyce, B.A. Surface processes controlling the growth of Ga_{0.95}In_{0.05}As and Ga_{0.95}In_{0.05}P alloy films by MBE 8-84084
- Foy, C.P.** *see* Davies, G. 8-72563
- Foy, R.** A study of the microturbulence in giants in terms of stellar evolution 8-81625
- Foy, R.** *see* Kovacs, N. 8-85982
- Foygel', A.V.** A gas-dielectric optical waveguide with an azimuthally asymmetric cross section 8-83105
- Fraas, L.,** Zanio, K. InP-on-CdS thin film heterostructures 8-72738
- Fraas, L.** *see* Zanio, K. 8-52676
- Fraas, L.M.** Basic grain-boundary effects in polycrystalline heterostructure solar cells 8-52063
- Fraass, B.A.** *see* Baer, D.R. 8-51526
- Frabel, P.** *see* Alberne, F. 8-93107
- Fracassini, M.** *see* Antonello, E. 8-81867
- Fradin, F.Y.** *see* Shenoy, G.K. 8-68112
- Fradin, F.Y.** *see* Wiley, C.L. 8-72430
- Fradkin, D.M.** Covariant electromagnetic projection operators and a covariant description of charged particle guiding centre motion 8-58145
- Fradkin, E.,** Susskind, L. Order and disorder in gauge systems and magnets 8-70072
- Fradkin, E.E.** *see* Sokolov, V.A. 8-71123
- Fradkin, E.E.** *see* Zborovskii, V.A. 8-82993
- Fradkin, E.S.,** Palchik, M.Ya. Recent developments in conformal invariant quantum field theory 8-86420
- Fradkin, E.S.,** Shteingrad, D.M. A continuous-integral method for spin lattice models 8-93615
- Fradkin, E.S.,** Vasiliev, M.A. S-matrix for the theories that admit closure of the algebra with the aid of auxiliary fields. Auxiliary fields in supergravity 8-81911
- Fradkin, E.S.,** Vilkovisky, G.A. Conformal invariance and asymptotic freedom in quantum gravity 8-86213
- Fradkov, A.B.** *see* Ginzman, V.B. 8-86688
- Fradkov, V.E.** *see* Aristov, V.Yu. 8-67721
- Fraedrich, K.** Structural and stochastic analysis of a zero-dimensional climate system 8-73501
- Fraedrich, K.** Estimating variations of the Earth's climate 8-81353
- Fraenkel, B.S.** *see* Klapisch, M. 8-79470
- Fraenkel, Z.** *see* Chechik, R. 8-82371
- Fraenkel, Z.** *see* Eyal, Y. 8-82373
- Frage, N.R.** *see* Grintsov, A.S. 8-60657
- Frahn, W.E.** Generalized Fresnel model for very heavy ion scattering. I 8-74392
- Frahn, W.E.** Generalized Fresnel model for very heavy ion scattering. II. Relation to the optical model 8-74393
- Frahn, W.E.** Generalized Fresnel model for very heavy ion scattering. III. Dynamic polarization effects 8-74394
- Frait, Z.** *see* Baszynski, J. 8-95492
- Fraites, J.L.,** Winicur, D.H. Differential elastic and quenching cross sections for Ar⁺(³P) and CO₂(X¹Σ_g⁺) 8-58773
- Frame, D.** *see* Armstrong, T.A. 8-89744
- Frampton, P.H.,** Hagiwara, T., Palmer, W.F., Pinsky, S.S. Yang-Mills vacua in Landau gauge 8-70259
- Franc, F.** Calculation of the path of a light ray through an aspheric surface generated with the aid of Fermat's principle 8-55427
- Francaviglia, M.** Applications of infinite-dimensional differential geometry to general relativity 8-93582
- Francaviglia, M.** *see* Curir, A. 8-85968
- Francavilla, T.L.,** Das, B.N., Gubser, D.U., Meussner, R.A., Sekula, S.T. Neutron irradiation and annealing studies of V₂Ga 8-52130
- Franceschetti, D.R.** *see* Macdonald, J.R. 8-52005
- Franceschi, C.,** Gotlardi, S. A linear phase detector for measuring radar interferometry 8-85855
- Franceschi, E.** *see* Bruzzone, G. 8-83793
- Francescutto, A.** *see* Ceschia, M. 8-75176
- Francey, R.J.,** Garratt, J.R. Eddy flux measurements over the ocean and related transfer coefficients [AMTEX-75] 8-81265
- Francheteau, J.** *see* Hoffert, M. 8-65259
- Francheteau, J.** *see* Le Pichon, X. 8-69320
- Franchetto, R.C.** *see* Goldsack, D.E. 8-80749
- Franchi, F.** Finite velocity heat propagation for a fluid in motion 8-83375
- Franchina, S.,** Messina, A., Persico, F. Strong spin-phonon interaction. I. Quantum mechanics of domain walls 8-51622
- Franchina, V.** *see* Caprino, L. 8-57088
- Francik, A.** *see* Duchiewicz, J. 8-93728
- Francis, A.H.** *see* Hipps, K.W. 8-88228

- Francis, C.W. *see* Delaney, M.S. 8-73266
 Francis, G.P. *see* Savilonis, B.J. 8-81079
 Francis, J.E. *see* Charles, J.A. 8-92356
 Francis, J.E., Jr., Hammons, C.E. Data acquisition system for PLT neutral beam test stand 8-62622
 Francis, M.D. *see* Potsaid, M.S. 8-61251
 Francis, M.S., Kennedy, D.A., Butler, G.A. Technique for the measurement of spatial vorticity distributions 8-67289
 Francis, P.W., Hammill, M., Kretschmar, G., Thorpe, R.S. The Cerro Galan Caldera, North-west Argentina and its tectonic setting 8-85523
 Francis, R.A. *see* Ross, T.K. 8-88564
 Francis, T.J.G. *see* Lilwall, R.C. 8-85713, 8-96157
 Francis, W.R. Scaling parameters in deep inelastic muon scattering 8-78185
 Francis, W.R. *see* Gordon, B.A. 8-82216
 Franck, J.P. Temperature hysteresis of the transition between the close-packed phases of ^4He 8-56021
 Franck, J.V., Arthur, A.A., Brusse, L.A., Low, W. An SCR series switch and impulse crowbar at the Lawrence Berkeley Laboratory for CTR neutral beam source development 8-66395
 Franco, H. *see* Goldring, R. 8-88944
 Franco, V., Nutt, W.T. Short range correlation in high energy heavy ion collisions 8-70502
 Franco, V., Varma, G.K. Collisions between composite particles are medium and high energies 8-82328
 Francois, D. The influence of hydrostatic pressure on fracture 8-60779
 Francois, P. Acoustic reference sources and the determination of the acoustic power level of plant and equipment 8-83185
 Francois, P.E. *see* Al Jarallah, M.I. 8-53478, 8-96084
 Francois, T. *see* Krenz, W. 8-54624
 Frandon, J., Brousseau, B., Pradal, F. Electronic excitations in TiO_2 rutile and TiO . Electron energy loss spectra in 3-60 eV range 8-80440
 Frandsen, A.M.A., Connor, B.V., Van Amersfoort, J., Smith, E.J. The ISEE-C vector helium magnetometer 8-85795
 Frandsen, J.B. *see* Gordon, R.A. 8-60069
 Franek, B. The extraction of quasi-two body processes from 3-body final states—programme EXTRA 8-82238
 Franek, B. *see* Cameron, W. 8-54653
 Franetkzi, M. *see* Prestele, K. 8-92719
 Franey, M.A., Bayman, B.F., Lilley, J.S., Phillips, W.R. Two-neutron-transfer reaction mechanism with heavy ions at sub-Coulomb energies 8-89900
 Franey, M.A. *see* Dehnhard, D. 8-74397
 Frangul'yan, T.S. *see* Annenkov, Yu.M. 8-76513
 Frank, A. *see* Castanos, O. 8-78285
 Frank, A.I. *see* Erozhimskii, B.G. 8-78180
 Frank, A.M. Remotely operable vacuum seals 8-50405
 Frank, B. Critical exponents in a new integral representation for the Ising ferromagnet 8-56325
 Frank, B. Spin-operator reduced relations in a new representation for the Ising ferromagnet 8-95443
 Frank, B., Mitran, O. Critical correlation-function approximations for the Ising model 8-56324
 Frank, B., Mitran, O. Test for the cumulant approximation in the critical region 8-76255
 Frank, E. On the numerical solution of certain applied problems 8-83275
 Frank, E.B. *see* Kogan, L.I. 8-53750
 Frank, F.C. Airy functions in the air: an easy way with stress problems [teaching] 8-86063
 Frank, G., Kauer, E., Kostlin, H. Transparent heat-reflecting layers based on highly doped semiconductors 8-79197
 Frank, G.M., Karnaukhov, V.N., Kolayev, V.A., Yashin, V.A. Spectral characteristics of human leucocytes fluorochromed with acridine orange 8-96024
 Frank, G.M. *see* Lednev, V.V. 8-64959
 Frank, J. Tidal disruption by a massive black hole and collisions in galactic nuclei 8-77597
 Frank, L.A., Yeager, D.M., Owens, H.D., Ackerson, K.L., English, M.R. Quadrifurcal LEPEDAS for ISEE's-1 and -2 plasma measurements 8-85801
 Frank, L.A. *see* Coroniti, F.V. 8-77436
 Frank, L.A. *see* Craven, J.D. 8-77434
 Frank, L.A. *see* Gurnett, D.A. 8-77422
 Frank, L.A. *see* Hones, E.W., Jr. 8-89012
 Frank, L.A. *see* Lui, A.T.Y. 8-96357
 Frank, R., Forth, H.J. Large cryopumps for Tokamak fusion machines and injector devices 8-50399
 Frank, R., Usselman, E. Turbomolecular pump engineering and application to fusion experimental devices 8-50400
 Frank, T. *see* Heller, M. 8-70689
 Frank, Th. Testing devices for automatic regulation of different CO_2 -concentrations in several climate cabinets 8-53069
 Frank, T.G. *see* Bohachevsky, I.O. 8-50331, 8-50341
 Frank, T.G. *see* Booth, L.A. 8-58422
 Frank, T.G. *see* Devaney, J.J. 8-50337
 Frank, T.H., Kesner, J.W., Gruen, H.M. Conformational array beam patterns and directivity indices 8-55523
 Frank, W., Goerke, K., Pietralla, M. Demonstrating Fourier transform spectroscopy for students 8-57722
 Frank, W., Kaun, K.-H., Manfrass, P. The excitation of the $1s\sigma$ and $2p\sigma$ quasimolecular radiation in Nb+Kr collisions 8-78801
 Frank, W., Schindler, R. Transmission electron microscope investigations of ion damage in face-centred cubic metals 8-87727
 Frank, W.P., Zachmann, H.G. Influence of preliminary thermal treatment on the crystallisation of polyethylene terephthalate 8-75593
 Frank-Kamenetskaya, G.E., Murav'eva, K.K., Kalinkin, N.P. Electrical properties of epitaxial heterostructures based on zinc sulphide 8-88023
 Frank-Kamenetskii, V.A. *see* Semenova, T.F. 8-79594
 Frank-Kamenetskiy, A.V. *see* Shumilov, O.I. 8-69619
 Franke, E.K. *see* Schick, T.D. 8-77123
 Franke, G. *see* Alexander, G. 8-74251, 8-89766
 Franke, G. *see* Berger, Ch. 8-62414, 8-89725
 Franke, H., Rosenberg, M. Mossbauer spectroscopy of amorphous alloys (Metglasses) 8-52400
 Franke, H., Rosenberg, M., Whall, T.E., Jones, M.R.B. Low temperature Mossbauer spectra, electron transfer and spin density distribution in substituted magnetite 8-52404
 Franke, R., Dancer, A. A study of the intracochlear pressures of a guinea-pig exposed to impulsive noise 8-85316
 Franke, V.A. *see* Prokhvatilov, E.V. 8-62317
 Frankel, D.S. *see* Manuccia, T.J. 8-54475
 Frankel, N.E. *see* Delsante, A.E. 8-71529, 8-87486, 8-89401
 Frankel, N.E. *see* Hines, D.F. 8-95196
 Frankel, R.B. *see* Foner, S. 8-72345
 Frankel, R.B. *see* Papaefthymiou, G.C. 8-73202
 Frankel, S. Basis for quasi-two-body scaling 8-50140
 Frankel, S., Frati, W., Gazzaly, M., Hoffmann, G.W., Van Dyck, O., Woloshyn, R.M. Analyzing power in inclusive proton-nucleus cross sections 8-70524
 Frankel, S.P. *see* Mysles, K.J. 8-83488
 Franken, H.W. *see* Woebeke, W. 8-76822
 Franken, P.E.C. The influence of the grain boundary on the temperature coefficient of Ti-substituted telecommunication ferrites 8-95473
 Frankenthal, R.P. Mechanisms of dendritic growth 8-56058
 Frankevich, E.L., Lesin, V.I., Pristupa, A.I. Magnetic resonance of short-lived intermediate complexes in the reaction of quenching triplet excitons by radicals 8-88230
 Frankevich, E.L., Lesin, V.I., Pristupa, A.I. Rate constants of singlet exciton fission in a tetracene crystal determined from the RYDMR spectral linewidth 8-91619
 Frankevich, E.L., Tribel, M.M., Sokolik, I.A., Pristupa, A.I. Magnetic-resonant modulation of photoconductivity of crystalline charge transfer complexes. Anthracene-tetracyanbenzene 8-64062
 Frankfurt, L.L., Strikman, M.I. On the problem of extracting the neutron structure function from ed scattering 8-62404
 Frankfurt, L.L., Strikman, M.I. New direct way of checking the nuclear core hypothesis in inclusive hadron scattering off the polarized deuteron 8-62417
 Frankfurt, L.L. *see* Strikman, M.I. 8-54809
 Frankl, D.R., Wesner, D., Krishnaswamy, S.V., Derry, G., O'Gorman, T. Selective-adsorption-induced intensity maxima in $^4\text{He}/\text{LiF}$ scattering 8-72667
 Frankl, D.R. *see* Derry, G. 8-63935
 Frankland, H.G., Sawyer, N.J. The Viking radar systems—design for space programs 8-57427
 Franklin, A. Inertia in the middle ages 8-81786
 Franklin, F.A. *see* Aksnes, K. 8-53866, 8-53868
 Franklin, F.R. *see* Jones, E.D. 8-90438
 Franklin, J. Scaling and non-scaling in a rest frame quark-parton model of the proton 8-70374
 Franklin, J.A. *see* Atkinson, R.H. 8-96313
 Franklin, J.C. *see* Bates, R.C. 8-82525
 Franklin, J.C. *see* Leitnaker, J.M. 8-52816
 Franklin, J.E. A study of stochastic processes associated with sonar detection 8-66981
 Franklin, M. *see* Daum, H. 8-71424
 Franklin, M.E.B. *see* Caldwell, D.O. 8-54635
 Franklin, M.E.B. *see* Osborne, L.S. 8-66267
 Franklin, P., Davies, B.L. Metallographic aspects of fatigue of sintered iron 8-64646
 Franklin, R.D. *see* Haas, R.A. 8-50819
 Franklin, R.D. *see* MacKnight, A.K. 8-63117
 Franklin, R.N., Edgley, P.D., Hamberger, S.M., Motley, R.W. Nonlinear behaviour of a finite amplitude electron plasma wave. IV. Decay to ion cyclotron waves 8-94910
 Franklin, U.M. *see* Unglik, H. 8-85054
 Frankowicz, M., Jedrzejek, C. On the construction of certain inverse superoperators for a Markovian Master equation 8-57864
 Frankowicz, M., Jedrzejek, C. Solution of Friedrichs model through exact Markovian master equation 8-81913
 Franks, F., Asquith, M.H., Hammond, C.C., Skaer, H.L.E., Echlin, P. Polymeric cryoprotectants in the preservation of biological ultrastructure. I. Low temperature states of aqueous solutions of hydrophilic polymers 8-65157
 Franks, F. *see* Echlin, P. 8-65158
 Franks, F. *see* Skaer, H.L.E. 8-65159
 Franks, L.A., Lutz, S., Lyons, P.B. Development of long-wavelength-emitting scintillators with improved decay time characteristics 8-58539
 Franks, N.P., Lieb, W.R. Where do general anaesthetics act? 8-77008
 Franse, J.J.M. *see* Buis, N. 8-95423
 Franson, J.D., Mitchard, G.S., Mercereau, J.E. Thermal switching times of superconducting proximity effect weak links 8-76191
 Franssen, N.V. On the acoustical transmission function in rooms 8-59204
 Fransson, K. *see* Beetz, R. 8-54806, 8-66200
 Fransson, K. *see* Lieder, R.M. 8-62476
 Fransson, K. *see* Pavlopoulos, P. 8-62443
 Fransson, K. *see* Suffert, M. 8-54642
 Franti, G.W. *see* Aaronson, H.I. 8-52815
 Frantov, G.S., Kalashnikov, N.I., Gordienko, V.I., Savin, A.P. Field of an electromagnetic dipole situated in the boundary between 2 half-spaces 8-78858
 Frantesson, A.V. *see* Grigor'yants, V.V. 8-59137
 Frantsevich, L.N., Karpinos, D.M., Tuchinskii, L.I., Sapozhnikova, A.B., Klimenko, L.N. Kinetics of infiltration of porous titanium magnesium 8-60595
 Frantsevich, V.M. *see* Zakharov, V.A. 8-57996, 8-76817
 Frantsuzova, L.P. Determination of the rate of evolution of elastic energy for a Γ -shaped crack by the method of measurement of the pliability 8-83348
 Frantz, C. *see* Casadesu, P. 8-60876
 Frantz, C. *see* Iglessis, J. 8-60667
 Franz, F.A., Volk, C. Spin relaxation in Rb-He and Rb-Ne via modification of the Rb hyperfine interaction in Van der Waals molecules 8-94201
 Franz, G., Herrmann, G. Identification of short-lived ruthenium and rhodium isotopes in fission by rapid chemical separations 8-89924
 Franz, G. *see* Salzer, R. 8-50541
 Franz, G. *see* Schadel, M. 8-78408
 Franz, H. *see* Blobel, V. 8-58213
 Franz, O.G. *see* Price, M.J. 8-61797
 Franz, W., Griessel, A., Steglich, F., Wohlleben, D. Transport properties of LaCu_2Si_2 and CeCu_2Si_2 between 1.5K and 300K 8-87963
 Franzen, D.L., Danielson, B.L., Day, G.W. A simple first positive system nitrogen laser for use in optical fiber measurements 8-59020
 Franzen, H., Serner, C. The X-ray photoelectron spectra of MnS, MnSe, and MnTe 8-80455
 Franzen, H. *see* Fissan, H.J. 8-81394
 Franzen, P. Channel flow with circular cross section and variable diameter: randomly packed large spheres model 8-63493
 Franzinetti, C. *see* Erriquez, O. 8-82195
 Franzini, J.B. *see* Findikakis, A.N. 8-90964
 Franzini, P. Nucleon-nucleon interactions at Fermilab energies 8-62457
 Franzini, P. *see* Lee-Franzini, J. 8-70513
 Franzini, P. *see* Schamberger, R.D., Jr. 8-58215
 Franzosi, A., Giarda, L., Pelosini, L., Pizzini, S. Growth of single crystal silicon rods from the vapour phase 8-64453
 Franzosi, P., Ghezzi, C., Gombia, E. Epitaxial growth of single crystal $\text{Cd}_{1-x}\text{Zn}_x\text{S}$ layers on (111) GaAs substrates using the close-spaced geometry 8-92198
 Frape, S.K. *see* Patterson, R.J. 8-57332
 Frasca, P., Harper, R.A., Katz, J.L. A new technique for studying collagen fibers and ground substance in bone with scanning electron microscopy 8-57150
 Frasca, P., Harper, R.A., Katz, J.L. Mechanical failure on the microstructural level in Haversian bone 8-77080
 Frascaria, R. *see* Beveridge, J.L. 8-62446
 Frascaria, R. *see* Tatishcheff, B. 8-82345
 Fraser, A. *see* Dick, R. 8-65502
 Fraser, B.J., Remenyi, A.G. Stability of the physicist's image 8-62030

- Fraser, C.** Theoretical investigation of Fredericksz transitions in twisted nematics with surface tilt 8-71671
- Fraser, D.B.** High-rate sputter deposition—circular magnetrons 8-72665
- Fraser, D.B.** see Blech, I.A. 8-51838
- Fraser, D.B.** see Chang, C.C. 8-76783
- Fraser, D.B.** see Fogarty, T.N. 8-72724
- Fraser, D.C.** Resistivity mapping with an airborne multicoil electromagnetic system 8-77348
- Fraser, D.C.** see Ramsden, D. 8-80967
- Fraser, D.G.,** Lawless, P.J. Palaeogeotherms: implications of disequilibrium in garnet lherzolite xenoliths 8-57179
- Fraser, G.V.** Intensities of longitudinal acoustic modes and their structural implications 8-84584
- Fraser, J.,** Khuri-Yakub, B.T., Kino, G.S. The design of efficient broadband wedge transducers 8-63253
- Fraser, J.D.** see Desilets, C.S. 8-51029
- Fraser, J.S.** see McMichael, G.E. 8-90004
- Fraser, W.B.** On the orthogonality of the axisymmetric axial eigenfunctions for an elastic circular cylinder 8-51080
- Fraser-Smith, A.C.** see Mayaud, P.N. 8-89008
- Frasinski, L.** see Lubowiecka, T. 8-90097
- Frater, R.H.** Direct transform hardware processing of rotational synthesis data. II 8-85857
- Frater, R.H.,** Skellern, D.J. Direct transform hardware processing of rotational synthesis data. I 8-85856
- Frater, R.H.** see Danziger, I.J. 8-81702
- Fraternali, M.** see Goggi, G. 8-89739, 8-89740
- Frati, W.** see Bahcall, J.N. 8-58563
- Frati, W.** see Frankel, S. 8-70524
- Fratia, M.** see Dostal, J. 8-61414
- Fratteisi, G.** see Malberg, H. 8-85727
- Fratucello, G.** see Candolfo, C. 8-95419
- Fratzsch, W.** Experiments on heat transfer in inert gas-vapor-mixtures for middle pressures 8-94589
- Fraundorf, S.** see Donau, F. 8-54701
- Frauenfelder, H.** see Hebel, L.C. 8-54863
- Frauenfelder, R.** New automatic heat flow calorimeter 8-54373
- Frauenheim, T.,** Ropke, G. Magnetic behaviour of the s-f two-band Hubbard model 8-80119
- Frawley, A.D.,** Crawley, G.M., Hollas, C.L. Fluctuations in inelastic proton scattering from ^{58}Ni in the energy range 17.1 to 20.6 MeV 8-58286
- Frawley, A.D.,** Mateja, J.F., Roy, A., Fletcher, N.R. Resonances in $^{11}\text{B}+^{12}\text{C}$ elastic scattering 8-89901
- Fray, D.J.** see Clarke, J.A. 8-84719
- Fray, R.R.** Potential radiological consequences of a multiple steam generator tube rupture 8-74452
- Frazee, R.E., Jr.** see Smithgall, D.H. 8-62176
- Frazier, E.N.** Infrared radiation of the zodiacal light 8-81588
- Frazier, G.A.,** Glosser, R. Thermorefectance of palladium hydride 8-56463
- Frazier, G.F.** see Sherman, G.H. 8-79057
- Frazier, M.J.,** Bridges, J.E., Hauser, R.G. Internal body potentials and currents from ELF electric fields and household appliances [relative to pacemaker function] 8-88770
- Frazier, M.J.** see Bridges, J.E. 8-88769
- Frazzoli, F.V.,** Mancini, C., Storelli, L. Neutron radiography with Cf 252 and TV imaging techniques 8-60922
- Freasier, B.C.,** Jolly, D.L., Nordholm, S. Ergodic collision theory of intermolecular energy transfer. III. The deactivation of bromine in argon 8-82818
- Freasier, B.C.,** Jolly, D.L., Nordholm, S. Ergodic collision theory of intermolecular energy transfer. II. Quantum effects in the harmonic approximation 8-85137
- Freasier, B.C.** see Severin, E.S. 8-73917
- Frebel, M.,** Duddek, G., Graf, W., Faridani, N., Otte, B. The influence of grain boundaries on the thermal stability of lamellar microstructures 8-72795
- Frebel, M.,** Duddek, G., Predel, B. On the morphology of the directionally transformed β -Cu-In eutectoid 8-92257
- Frech, R.,** Nichols, H. Infrared reflectivity of calcite: oblique phonons 8-60440
- Frech, R.** see Nichols, H. 8-72499
- Fredberg, J.J.** A modal perspective of lung response 8-57028
- Fredberg, J.J.,** Moore, J.A. The distributed response of complex branching duct networks [lung application] 8-57027
- Fredenhagen, K.** Quantum electrodynamics with one degree of freedom for the photon field 8-54589
- Fredenslund, A.** see Grauso, L. 8-83929
- Frederer, C.A., Jr.** Solar Thermal Test Facility 8-66887
- Frederick, C.** A mechanical model for teaching quantum mechanics 8-49591
- Frederick, D.** see Ramkumar, R.L. 8-79269
- Frederick, J.E.,** Hays, P.B. Magnetic ordering of the polar airglow 8-57378
- Frederick, J.E.,** Hays, P.B., Guenther, B.W., Heath, D.F. Ozone abundances in the lower mesosphere deduced from backscattered solar radiances 8-69414
- Frederick, J.E.,** Rusch, D.W., Liu, S.C. Night-glow emissions of $\text{OH}(\text{X}^2\Pi)$: comparison of theory and measurements in the (9-3) band 8-88960
- Frederick, N.V.** see Sullivan, D.B. 8-57995
- Fredericks, W.J.** see Machida, H. 8-79813
- Frederiksen, E.** Low impedance microphone calibrator and its advantages 8-59212
- Frederiksen, V.P.,** Jacobi, O., Justesen, J. Fourier transformation of altitude observations 8-61312
- Fredking, T.H.K.** see Caspi, S. 8-91499
- Fredking, T.H.K.** see Lee, J.Y. 8-95199
- Fredlander, I.N.,** Sandler, V.S., Nikol'skaya, T.I., Savinkov, R.A., Roshchina, I.N. Investigation of the surface layer of the aluminium alloys 01420 8-80674
- Fredricks, R.W.** see Gurnett, D.A. 8-85802
- Fredricks, R.W.** see Scarf, F.L. 8-85794
- Fredrickson, D.H.** see Carroll, J. 8-89874
- Fredriksson, B.,** Rydholm, G. Mechanical and temperature contact in fuel rod and cladding 8-66341
- Fredriksson, B.B.E.** Elastic contact problems in fracture mechanics 8-67142
- Fredriksson, H.,** Nilsson, S.O. On the formation of macrosegregations in ingots 8-52793
- Fredriksson, S.** see Bergstrom, L. 8-93982
- Freed, C.** Progress in CO_2 laser stabilization 8-59031
- Freed, J.H.** Dynamic effects of pair correlation functions on spin relaxation by translational diffusion in liquids. II. Finite jumps and independent T_1 processes 8-68404
- Freed, K.F.,** Metiu, H. Mean field theory of the hydrodynamics of concentrated polymer solutions 8-67227
- Freed, K.F.,** Muthukumar, M. On the Stokes problem for a suspension of spheres at finite concentrations 8-55967
- Freed, K.F.,** Tric, C. Collision dynamics of collision induced intersystem crossing processes 8-90276
- Freed, K.F.** see Band, Y.B. 8-62860
- Freed, K.F.** see Fung, K.H. 8-60984
- Freed, K.F.** see Herman, M.F. 8-86910
- Freed, K.F.** see Kosmas, M.K. 8-70983
- Freed, K.F.** see Yeager, D.L. 8-82611
- Freedman, A.,** Behrens, R., Jr., Parr, T.P., Herm, R.R. Crossed molecular beams kinetics: SnO recoil velocity spectra from $\text{Sn} + \text{O}_2$ 8-68883
- Freedman, A.** see Parr, T.P. 8-64842
- Freedman, B.,** McLerran, L. Quark star phenomenology 8-54608
- Freedman, D.Z.** Supergravity 8-77788
- Freedman, D.Z.,** Schramm, D.N., Tubbs, D.L. The weak neutral current and its effects in stellar collapse 8-85964
- Freedman, D.Z.,** Schwarz, J.H. $N=4$ supergravity theory with local $\text{SU}(2) \times \text{SU}(2)$ invariance 8-66067
- Freedman, D.Z.,** van Nieuwenhuizen, P. Supergravity and the unification of the laws of physics 8-50001
- Freedman, P.** see Ross, M. 8-66859
- Freedman, S.J.,** Gagliardi, C.A., Othoudt, M.A., Nero, A.V., Roberston, R.G.H., Zutavern, F.J., Adelberger, E.G., McDonald, A.B. Decays of the lowest $T=2$ state in ^{44}Ti 8-78304
- Freedman, S.J.** see Robertson, R.G.H. 8-66211
- Freedy, A.,** Lyman, J., Salomonow, M. A micro-computer aided prosthesis control 8-53576
- Freeland, P.E.** see Barns, R.L. 8-72712
- Freeman, A.J.** Energy-band structure, Fermi surfaces, magnetization densities and properties of the rare earths and actinides 8-84140
- Freeman, A.J.,** Gupta, M., Myron, H.W., Rath, J., Waston-Yang, T.J. Electronically driven phonon anomalies and phase transformations 8-63834
- Freeman, A.J.,** Jarlberg, T., Watson-Yang, T.J. Re-entrant magnetism in rare-earth superconducting ternary compounds 8-52140
- Freeman, A.J.** see Desclaux, J.P. 8-60094
- Freeman, A.J.** see Gupta, M. 8-67937
- Freeman, A.J.** see Krakauer, H. 8-95322
- Freeman, A.J.** see Mallow, J.V. 8-74805
- Freeman, A.J.** see Price, D.L. 8-88412
- Freeman, A.J.** see Zunger, A. 8-51891, 8-51896, 8-56070, 8-87910
- Freeman, C.G.,** Harland, P.W., McEwan, M.J. The equilibrium $\text{H}_2\text{S} + \text{HCN} \rightleftharpoons \text{H}_2\text{CN} + \text{H}_2\text{S}$ and the relative proton affinities of HCN and H_2S 8-56885
- Freeman, C.G.,** Harland, P.W., McEwan, M.J. The equilibrium systems H_2CO^+ (HCN, HCHO), H_2CN^+ , H_3CO^+ (H_2S , HCHO), H_2S^+ and the relative proton affinities of HCHO, HCN and H_2S 8-85189
- Freeman, D.L.** Application of the coupled-cluster expansion to the correlation energy of electrons in two-dimensional and quasi-two-dimensional systems 8-72102
- Freeman, D.L.** see Dutta, N.C. 8-90065
- Freeman, F.** Applications of the perturbational molecular orbital method 8-74565
- Freeman, F.F.,** Williams, W.G. A ^{149}Sm polarizing filter for thermal neutrons 8-54502
- Freeman, G.H.C.,** Guern, Y. The behavior of the saddle-field ion source with different gases and its possible use as a source of ions for atomic spectroscopy 8-78039
- Freeman, G.H.C.,** Moore, P.J. Improved vacuum seals for magnesium fluoride windows 8-94457
- Freeman, G.R.** see Huang, S.S.-S. 8-59535, 8-91738
- Freeman, G.R.** see Ryan, T.G. 8-72220
- Freeman, H.R.** see Boggess, A. 8-96382, 8-96383
- Freeman, J.** see Smith, J.G. 8-82190
- Freeman, J.G.** A latitude-independent sundial 8-81549
- Freeman, J.H.,** Beanland, D.G., Chivers, D.J., Gard, G.A. Ion beam studies. VII. An electrostatic lens for the acceleration and deceleration of high intensity ion beams 8-89588
- Freeman, J.H.,** Beanland, D.G., Chivers, D.J., Gard, G.A. Ion beam studies. VII. An electrostatic lens for the acceleration and deceleration of high intensity ion beams 8-89595
- Freeman, J.M.** see Sofield, C.J. 8-58799
- Freeman, J.P.** see Meisels, G.G. 8-80776
- Freeman, J.R.** Building a cylinder in the topological expansion 8-62321
- Freeman, J.R.,** Jones, C.E. Cancellation of unconventional terms in the planar bootstrap 8-54619
- Freeman, J.R.** see Miller, P.A. 8-50319
- Freeman, K.C.,** Gascoigne, S.C.B. The LMC cluster Hodge 11 8-69850
- Freeman, K.C.** see Chun, M.S. 8-57598
- Freeman, K.P.** see Kuo-Nan Liou 8-57319
- Freeman, L.A.,** Howie, A., Treacy, M.M.J. Bright field and hollow cone dark field electron microscopy of palladium catalysts 8-61049
- Freeman, N.C.** see Anker, D. 8-67207
- Freeman, N.C.** see Gibbon, J.D. 8-49955
- Freeman, R.** see Morris, G.A. 8-77953
- Freeman, R.** see Niedermeyer, R. 8-90194
- Freeman, R.** see Turner, D.L. 8-78725
- Freeman, R.D.** Mass, weight, and gravitas 8-69936
- Freeman, R.D.,** Lai, C.E. Development of the optical surfaces of the kitten eye 8-64983
- Freeman, R.D.,** Wong, S., Zezula, S. Optical development of the kitten cornea 8-64984
- Freeman, R.D.** see Bonds, A.B. 8-64982
- Freeman, R.H.,** Freiburg, R.J., Garcia, H.R. Adaptive laser resonator 8-55386
- Freeman, R.M.** see Baumann, P. 8-74386
- Freeman, R.R.** see Bjorklund, G.C. 8-74624, 8-87104
- Freeout, J.L.** see Rubloff, G.W. 8-84064
- Freeout, J.L.** see Woodall, J.M. 8-95368
- Freer, R.,** Hauptman, Z. An experimental study of magnetite-titanomagnetite interdiffusion 8-55991
- Freese, C.E.** see Bowie, O.L. 8-94620
- Freese, R.P.,** Teegarden, K.J. Faraday effect optical isolation at 10.6 μm using the chalcogenide spinels 8-50816
- Freeth, S.J.** Tectonic activity in West Africa and the Gulf of Guinea since Jurassic times—an explanation based on membrane tectonics 8-65248
- Freiberg, A.M.,** Treshchalov, A.B., Sil'd, O.I. Polarisation of luminescence and processes of reorientation of NO_2^- centers in CsBr and CsI crystals 8-76529
- Freiberg, G.N.** see Leiman, V.G. 8-70220
- Freiberg, J.** Diffusion-coupled oxidation of atmospheric sulphur dioxide 8-65371
- Freiberg, L.** see Bochans, P.Ya. 8-52095
- Freiberger, W.,** Grenander, U. Surface patterns in theoretical geography 8-57156
- Freiburg, R.J.** see Freeman, R.H. 8-55386
- Freidberg, J.P.,** Pearlstein, L.D. Rotational instabilities in a theta pinch 8-71522
- Freidberg, J.P.** see D'Ippolito, D.A. 8-91141
- Freidberg, J.P.** see Pearlstein, L.D. 8-71523
- Freidman, E.,** Gal, A., Mandelzweig, V.B. Can pions be strongly bound in nuclei? 8-90325
- Freidman, H.W.** see Delichatsios, M.M. 8-59096
- Freidmann, H.,** Wilson-Gordon, A.D. Effect of two-photon saturation on ordinary Raman scattering 8-82738
- Freier, G.D.** A 10-year study of thunderstorm electric fields 8-57253
- Freier, P.** see Ormes, J. 8-57409
- Freik, D.M.,** Avgustinov, V.L., Grushin, A.I., Solonichnyi, Ya.V., Shperun, V.M., Maslyak, N.T. Production of films on $\text{A}^{\text{IV}}\text{B}^{\text{VI}}$ compounds in quasicooled volume 8-95702
- Freik, D.M.,** Papenko, I.M., Solonichnyi, Ya.V., Mel'nikuk, I.V. Properties of epitaxial layers in the system $\text{Sn}_{1-x}\text{Pb}_x\text{Te}$ 8-64147

- Freiman, S.W., Mecholsky, J.J. Effect of temperature and environment on crack propagation in graphite 8-56794
- Freiman, S.W. *see* Becher, P.F. 8-75720
- Freiman, Yu.A. *see* Brodyanskii, A.P. 8-87762
- Freimanis, J.F. *see* Bleidies, J.J. 8-62942
- Freindl, L. *see* Budzanowski, A. 8-66289
- Freire, J., Fixman, M. Polymer chain moments and related problems 8-78843
- Freire, R., Praderie, F., Czarny, J., Felenbok, P. High resolution profiles in A-type stars. II. Vega Ca II H and K lines observed at the Meudon Solar Tower 8-85939
- Freiseleben, H. *see* Christensen, P.R. 8-54798
- Freisinger, J., Lenz, B., Walther, R.J. The skin-effect in an RF-discharge plasma with and without an external magnetic field 8-67543
- Freisinger, J., Loeb, H.W., Reineck, S. Experimental determination of the stable working region of a 15 cm-diameter RF-ion source 'RIT 15' 8-75381
- Freisinger, J., Reineck, S., Loeb, H.W. Determination of the stable working conditions of a 15-cm-diameter RF-ion source 8-86388
- Freitag, K. *see* Forker, M. 8-52414
- Freitag, K. *see* Herzog, P. 8-72442
- Freitas, J.E. *see* Beierwaltes, W.H. 8-65118
- Freitas, J.E. *see* Thrall, J.H. 8-85371
- Freitas, L.C. *see* De Freitas, L.C.
- Freitas de Carvalho, H., Chanda, R., Brandao d'Oliveira, A. The 'square-root' potential and the charmonium 8-82182
- Freitas Murao, R.R. *see* de Freitas Murao, R.R.
- Freivert, S.I. *see* Boldyreva, T.A. 8-82033
- Freiwald, W. *see* Fuchs, V.J. 8-63740
- Frejaces, C., Gelee, M., Massignon, D., Plurien, P. Development of uranium isotope separation processes in France 8-66361
- Frekers, D. *see* Langanke, K. 8-74382
- Freller, H. *see* Bernus, F.V. 8-72042
- Fremd, V.M. *see* Turdumatoev, B.M. 8-61585
- Fremlin, J.H. *see* Bell, C.M.J. 8-61247
- Fremond, M., Friaa, A. Limit analysis. Comparison of static and kinematic approaches 8-86156
- Fremond, M. *see* Daignieres, M. 8-88809
- Fremond, M. *see* Delbecq, J.M. 8-63334
- Fremont, G. *see* Borer, K. 8-77950
- French, D.K. *see* Brindle, C. 8-77604
- French, H. *see* Baltay, C. 8-70354
- French, H. *see* Cnops, A.M. 8-78167
- French, H. *see* Kaleikar, M. 8-89700
- French, H.T. *see* Bell, J. 8-54625, 8-93872, 8-93873
- French, J.B., Mello, P.A., Pandey, A. Statistical properties of many-particle spectra. II. Two-point correlations and fluctuations 8-86216
- French, J.W. *see* Varljen, T.C. 8-50359
- French, P.M. Measurements of bundle end flux peaking effects in 37-element CANDU PHW fuel 8-58385
- French, P.M., Kroon, J.C., Shields, R.B. Responses of platinum, vanadium and cobalt self-powered flux detectors near simulated booster rods in a ZED-2 mockup of a Bruce reactor core 8-58391
- French, R.G., Goguen, J.D., Duthie, J.G. Martian occultation of ϵ Gem as observed from the C.E. Kenneth Mees Observatory 8-53853
- French, S. A Bayesian three-stage model in crystallography 8-91192
- French, S., Wilson, K. On the treatment of negative intensity observations 8-75486
- French, W.G. *see* Cohen, L.G. 8-71204
- French, W.G. *see* Ramaswamy, V. 8-71203, 8-94430
- French, W.G. *see* Tasker, G.W. 8-71199
- Frene, J. *see* Bonneau, D. 8-94866
- Freney, J.R., Denmead, O.T., Simpson, J.R. Soil as a source or sink for atmospheric nitrous oxide 8-61419
- Frenkel, A. On the possible connections between quantum mechanics and gravitation 8-54235
- Frenkel, D. *see* Van Der Peijl, G.J.Q. 8-74702
- Frenkel, H., Rhoades, J.D. Effects of dispersion and swelling on soil hydraulic conductivity 8-53668
- Frenkel, J. *see* Fleming, H. 8-54595
- Frenkel, L.I. *see* Pankov, B.V. 8-60911
- Frenkel, S. Structure and properties of highly oriented polymer fibers 8-75563
- Frenkel, S.Ya. *see* Elyashevich, G.K. 8-51445
- Frenkel, S.Ya. *see* Platonov, M.P. 8-51802
- Frenkiel, F.N. *see* Emrich, R.J. 8-89290
- Frenne, D. *see* De Frenne, D.
- Frenslay, W.R. Theoretical study of the orientation dependence of heterojunction energy band lineups 8-95344
- Frenzel, C.A. *see* Stencil, J.M. 8-81991
- Frenzel, E. *see* Faissner, H. 8-70355
- Frese, K.W., Jr. *see* Kennedy, J.H. 8-76089, 8-76886
- Fresenius, W. On the history of microchemistry 8-81785
- Fresl, M. *see* Eremias, B. 8-80675
- Fresneau, A. Astrometric accuracy of Palomar Schmidt plates 8-57455
- Fretter, W.B. *see* Burnett, T.H. 8-89853, 8-89854
- Freudenhammer, A. Numerical calculations of a spin glass in a FCC lattice with RKKY interaction 8-52275
- Freudenhammer, A. On the RKKY interaction in spin glass systems 8-52290
- Freudenreich, K. *see* Perneg, J. 8-50047
- Freudenreich, W. *see* Brinkmann, D. 8-83949
- Freund, A.K. Instrumentation for white beam X-ray diffraction and possible applications 8-62279
- Freund, H.G. *see* Box, H.C. 8-88646
- Freund, H.P., Lee, L.C., Wu, C.S. Spontaneous emission near the electron plasma frequency in a plasma with a runaway electron tail 8-75275
- Freund, H.P., Wu, C.S., Lee, L.C., Dillenburg, D. Spontaneous synchrotron emission from a plasma with an energetic runaway electron tail 8-91075
- Freund, H.P. *see* Wu, C.S. 8-83542
- Freund, L.B. *see* Adeli, H. 8-63385
- Freund, P.F., Spear, K.E. Assessment of the thermodynamic properties of vanadium silicides utilizing ternary phase equilibria 8-91449
- Freund, P.G.O. Magnetically extended gauge theories 8-62306
- Freund, P.G.O. *see* Back, A. 8-78128
- Freund, R.S., Miller, T.A., Jost, R.S., Lombardi, M. Singlet-triplet anticrossings between the doubly excited 3^1K state and the $g(3d)^2\Sigma^+$ state of H_2 8-50598
- Freund, S.M., Lyman, J.L. Multiple-photon isotope separation in MoF_6 8-58858
- Freund, S.M. *see* Leary, K.M. 8-53225
- Freund, S.M. *see* Maier, W.B., II 8-95937
- Freund, S.M. *see* Sweger, D.M. 8-69526
- Freundlich, W. *see* Quarton, M. 8-63725
- Frevel, L.K. Error analysis of 29 powder data for cubic or uniaxial phases 8-67615
- Frey, A. *see* Guntherodt, G. 8-60464, 8-92080
- Frey, A. *see* Thum, C. 8-54012
- Frey, F., Atten, P. Solid spacer influence on the liquid motion induced by unipolar injection 8-87406
- Frey, F. *see* Adlhart, W. 8-54514
- Frey, F.A. Ultramafic inclusions from San Carlos, Arizona: petrologic and geochemical data bearing on their petrogenesis 8-65301
- Frey, H. Controlled nuclear fusion, a challenge on the engineer. II. Systems for the fuel feed and the fuel removal, the plasma heating, and the vacuum generation 8-50298
- Frey, H. Controlled nuclear fusion, a challenge to the engineer. III. The wall problem in fusion reactors 8-54879
- Frey, H. *see* Anderle, F. 8-50268
- Frey, H. *see* Schirmer, G. 8-83843
- Frey, H.E. *see* Raaphorst, G.P. 8-69146
- Frey, J. *see* Kratzer, S. 8-79997
- Frey, M.L., Lonnee, J.E., Shannette, G.W. Elastic constants of niobium-zirconium, hafnium, and tungsten alloys 8-84879
- Frey, P., Breyer, F., Holop, H. High resolution photodetachment from the rubidium negative ion around the $Rb(5p_{1/2})$ threshold 8-90132
- Frey, P. *see* Breyer, F. 8-55151
- Frey, R., Friebe, A., Graf, H.D., Grundey, T., Kuhner, G., Mettner, W., Meuer, D., Richter, A., Schrieder, G., Schwierczinski, A., Spamer, E., Titze, O., Knuifer, W. High resolution inelastic electron scattering and the excitation of magnetic dipole and quadrupole states in nuclei 8-50154
- Frey, R. *see* Foh, J. 8-70681
- Frey, R. *see* Knuifer, W. 8-86521
- Frey, R. *see* Walcher, T. 8-70679
- Freyer, H.D. Seasonal trends of NH_4^+ and NO_3^- nitrogen isotope composition in rain collected at Jülich, Germany 8-57284
- Freyer, H.D. Preliminary ^{15}N studies on atmospheric nitrogenous trace gases 8-73470
- Freyer, R., Hinz, W., Telle, W. Discharge process on thermoplastic layers by fast heating 8-49920
- Freyhardt, H.C. Radiation-induced flux pinning in type II superconductors 8-80106
- Freyhardt, H.C., Graeger, V. Flux pinning in heavy ion irradiated type II superconductors 8-52167
- Freyman, R., Meuleman, J.-J. Classical infrared absorption spectra of alumina between 4000 and 40 cm^{-1} : comparison with data from inelastic electronic tunnel spectroscopy 8-68489
- Freyruth, P. A comparative study of the signal-to-noise ratio for hot-film and hot-wire anemometers 8-94861
- Freyruth, P., Allahdadi, F. Structural elements in the final period 8-94653
- Freyrik, H.S., Roach, D.R., Deis, D.W., Hirzel, D.G. Nickel-chromium strain gages for cryogenic stress analysis of superconducting structures in high magnetic fields 8-54947
- Freyrik, H.S., Jr., Dittbenner, G.R. Measuring small internal pressures along a tube during steady flow 8-51260
- Freyre, F., Wang, W.C. Leaky SAW and guided light Bragg interaction in $LiNbO_3$ 8-72484
- Freystatter, S., Dresden, L. The influence of obliquely dipping discontinuities on the use of Rayleigh channel waves for the in-seam seismic reflection method 8-69471
- Freytag, C. Investigations on the structure of the low-level jet 8-69422
- Freytag, C. Statistical properties of energy dissipation 8-81267
- Freytag, D.R. *see* Ballam, J. 8-82247
- Freze, R., Chevalier, J.-L. A Clausius equation of state modified to represent the liquid state 8-91412
- Friaa, A. *see* Daignieres, M. 8-88809
- Friaa, A. *see* Fremond, M. 8-86156
- Friar, J.L., Gibson, B.F. Nonlocal contributions to the p - ω mixing charge-symmetry-breaking force 8-70458
- Friar, J.L., Gibson, B.F. Charge asymmetry in 3He - 3H and the neutron-proton mass difference 8-70464
- Friart, D. *see* Farcy, J.C. 8-59057
- Friberg, J., Dormoy, A. Performance prediction of curved diffusers 8-94818
- Friberg, S. Lyotropic liquid crystals 8-51416
- Friberg, S., Solans, C. Emulsification and the HLB temperature [hydrophilic lipophile balance temperature] 8-95961
- Fric, V., Slesar, M. Laws of banding structure formation in low-carbon steels 8-83776
- Frick, K. *see* Lehmann, H.W. 8-92191
- Frick, K.E. An idea for the automatic evaluation of ECG signals by means of analogue circuits 8-92717
- Frick, U. *see* Phinney, D. 8-73374
- Fricke, B. *see* Cheng, K.T. 8-55262
- Fricke, B. *see* Kolb, D. 8-50211
- Fricke, B. *see* Lutz, H.O. 8-78793
- Fricke, G. *see* Wohlfahrt, H.D. 8-54679
- Fricke, J. *see* Borst, W.L. 8-58797
- Fricke, J. *see* Nowak, G. 8-74614
- Fricke, K.H. *see* Trinks, H. 8-96336
- Fricke, U. *see* Roeder, H. 8-92485
- Fricke, W.G. *see* Nordmark, G.E. 8-92415
- Fridberg, A.E. *see* Erolov, V.A. 8-95915
- Friddeh, R.J. *see* Bader, S.D. 8-71987
- Fridh, C. *see* Asbrink, L. 8-92452
- Fridkin, V.M., Pakkas, P.R., Kallavus, U., Tamm, E.A. Sensitized photolysis on semiconductors and the structure of the latent image 8-89574
- Fridkin, V.M., Popov, B.N. The anomalous photovoltaic effect and photoconductivity in ferroelectrics 8-52449
- Fridkin, V.M., Popov, B.N., Ionov, P.V. Thermal and spectral-variations in the photovoltaic current in ferroelectrics 8-91719
- Fridkin, V.M., Popov, B.N., Kuznetsov, V.A., Barsukova, M.L. The photoconductivity and photovoltaic effect in $PbTiO_3$ 8-95309
- Fridkin, V.M., Popov, B.N., Verkhovskaya, K.A. The photovoltaic and photorefractive effects in KDP-type ferroelectrics 8-72187
- Fridkin, V.M. *see* Berg, W.F. 8-84246
- Fridkin, V.M. *see* Chanussot, G. 8-64371
- Fridland, K.Yu. *see* Krylov, V.A. 8-84614
- Fridlander, B.A., Neshpor, V.S., Eron'yan, M.A., Petrov, A.V. Thermal diffusivity of zirconium nitride in the region of homogeneity 8-71892
- Fridlander, B.A., Zaitsev, G.P., Neshpor, V.S., Ordan'yan, S.S. Thermal conductivity and diffusivity of solid solutions of hafnium and tantalum monocarbides at high temperatures 8-91491
- Fridlyander, I.N. *see* Kushner, L.B. 8-84873
- Fridman, A. *see* Braun, H. 8-58208
- Fridman, A. *see* Eisenberg, Y. 8-54657
- Fridman, A.M. On the criterion of the interacting galaxies numerical models applicability 8-93421
- Fridman, A.M. On ring structures in spiral galaxies 8-93423
- Fridman, A.S. *see* Potupa, A.S. 8-89763
- Fridman, L.A., Tabachnik, V.P., Chernova, G.S. Magnetizing large ferromagnetic parts with the use of applied electromagnets 8-72999
- Fridman, L.A. *see* Grigor'ev, P.A. 8-53103
- Fridman, L.A. *see* Tabachnik, V.P. 8-60943
- Fridman, M.L. *see* Lyubeshkina, E.G. 8-68668
- Fridman, V.E. *see* Lerner, A.M. 8-90565
- Fridman, V.M. *see* Kobrin, M.M. 8-95391, 8-93194
- Fridman, V.S. *see* Il'ina, V.P. 8-84986
- Fridman, Yu.B., Shchurov, A.F. Determining dynamic shear modulus of polymers 8-60916
- Fridovich, B. *see* Baldacci, A. 8-58692
- Fridovich, B. *see* Smith, G.R. 8-81976
- Friebe, A. *see* Frey, R. 8-50154
- Friebe, A. *see* Knuifer, W. 8-86521
- Friebele, E.J., Gingerich, M.E., Sigel, G.H., Jr. Effect of ionizing radiation on the optical attenuation in doped silica and plastic fibre-optic waveguides 8-63170

- Friberg, Ya.** Eddy-current-induced pumping effect of a longitudinal current in a corrugated tube 8-75216
- Fried, H.M.** Eikonal mechanisms at high energy 8-82256
- Fried, I., Metzler, J.** SOR vs. conjugate gradients in a finite element discretization 8-83206
- Fried, I., Metzler, J.A.** Conjugate gradient solution of a finite element elastic problem with high Poisson ratio 8-90707
- Fried, J.** Meeting safety standards in the laboratory 8-77879
- Fried, J.W.** Doppler shifts in the zodiacal light spectrum 8-85904
- Fried, Th.** see Emmoth, B. 8-95624
- Frieda, D., Spiegler, P., Kearly, F., Greenfield, M., Stern, R.** Development of Bragg diffraction imaging for medical use 8-53462
- Friedberg, C.E.** see Tanenbaum, W. 8-66113
- Friedberg, E.C.** see Ehmann, U.K. 8-53331
- Friedberg, H., Kral, W.A.** Glass fiber cables and measurement methods 8-50922
- Friedberg, H., Kral, W.A.** Wireless time signals and wireless clocks: receiving of time signals for private and industrial use 8-89445
- Friedberg, R.** see Coffey, B. 8-58619
- Friedberg, S.A.** see Karnezos, M. 8-68257, 8-80143
- Friedel, J.** On the cohesion of covalent structures of elements in condensed phases. I. Cohesion of σ and π bonds in a simple Hückel approximation 8-59778
- Friedel, J.** On the cohesion of covalent structures of elements in condensed phases. II. Corrections to a simple Hückel approximation due to Coulomb interactions between valence electrons 8-59779
- Friedemann, C., Gurtler, J., Pfau, W.** A search for extremely red stars on the Palomar Observatory Sky Survey. II. Examination for light variability 8-57563
- Friedemann, C.** see Dorschner, J. 8-57614
- Frieden, B.R., Wells, D.C.** Restoring the maximum entropy. III. Poisson sources and backgrounds 8-66769
- Friedenberg, R.A.** see Ernst, D.J. 8-82396
- Friederich, A., Kaplan, D., Sol, N., Wallis, R.H.** EPR studies of the phase transitions in β -phase vanadium bronzes $\text{Na}_x\text{V}_2\text{O}_5$ 8-95514
- Friedland, A.B.** A hydrodynamic model of aqueous flow in the posterior chamber of the eye 8-69122
- Friedland, E.** see Alberts, H.W. 8-94015
- Friedland, K.J., Marikhin, V.A., Myasnikova, L.P., Vettegren, V.I.** Supermolecular structure and mechanical stress distribution among the chemical bonds in polymers 8-75562
- Friedlander, F.** see Jory, H.R. 8-62611
- Friedlander, G.** see Bahcall, J.N. 8-58563
- Friedlander, S.K.** A review of the dynamics of sulfate containing aerosols 8-96286
- Friedlander, S.K.** see Davidson, C.I. 8-73441
- Friedli, P.** see Bertoli, M. 8-88749
- Friedli, P.** see Mesqui, F. 8-92754
- Friedman, A., Jensen, R.** Convexity of the free boundary in the Stefan problem and in the dam problem 8-83356
- Friedman, A.** see Caffarelli, L.A. 8-95130
- Friedman, A.M.** see Ahmad, I. 8-78268
- Friedman, A.M.** see Griffin, H.C. 8-78314
- Friedman, D.L.** see Kerridge, J.F. 8-65515
- Friedman, E.** see Batty, C.J. 8-50074
- Friedman, E.** see Moalem, A. 8-50068
- Friedman, G.M.** see Levy, Y. 8-53661
- Friedman, H.** see Cruddace, R.G. 8-65692
- Friedman, H.** see Snyder, W.A. 8-54013
- Friedman, H.A.** see Toth, L.M. 8-76456
- Friedman, H.L.** see Dale, W.D.T. 8-65861
- Friedman, J.I.** see Cutts, D. 8-78380, 8-89746
- Friedman, J.L.** Generic instability of rotating relativistic stars 8-93567
- Friedman, J.L., Mayer, S., Parker, L.** Angular momentum and Dirac charge quantisation in curved spacetime 8-70045
- Friedman, J.L., Schutz, B.F.** Secular instability of rotating Newtonian stars 8-53922
- Friedman, J.M., Rousseau, D.L.** Simultaneous observation of coherent and incoherent resonant re-emission in the condensed phase 8-60429
- Friedman, M.** see Siambis, J.G. 8-82541
- Friedman, M.H., Tanner, J.T.** A computer language for reducing activation analysis data 8-85241
- Friedman, R.B., Kaye, M.G., Richards, W.** Effect of vertical disparity upon stereoscopic depth 8-56994
- Friedman, R.M.** see Declerck-Grimee, R.I. 8-85196
- Friedman, S., Jerde, L., Carr, W., Seidl, M.** Reflex discharge in cusp and uniform magnetic fields 8-67456
- Friedman, W., Seka, W., Soures, J.** On the generation of temporally shaped laser pulses for inertial confinement 8-50831
- Friedman, Z.** Ising model with a transverse field in two dimensions: Phase diagram and critical properties from a real-space renormalization group 8-52295
- Friedmann, A.** see Quach, H.T. 8-95526
- Friedmann, H., Hernegger, F.** A method for continuous measurement of radon in water of springs for earthquake prediction 8-88924
- Friedmann, H., Wilson-Gordon, A.D.** Coherent transition excitation and superposition of adiabatic states 8-78734
- Friedrich, D.M.** Gaussian optics: a program for the SR-52 8-79056
- Friedrich, H., Strehlow, R., Ozerov, Yu.V.** Optical method for the determination of the modulation depth of wavelength modulation spectrometers 8-89551
- Friedrich, H.B.** see Liu, B. 8-90091
- Friedrich, J., Flatscher, G., Dorr, F.** Influence of excess energy on the low temperature fluorescence from inhomogeneously broadened lines in anthracene 8-76509
- Friedrich, J.** see Euteneuer, H. 8-54681
- Friedrich, K.** Analysis of crack propagation in isotactic polypropylene with different morphology 8-76749
- Friedrich, K.** Morphological aspects of crack growth in crystalline polypropylene 8-76761
- Friedrich, K., Infuhr, E., Weicht, U.** Fast power excursions in pebble-bed reactors—methods and results 8-50241
- Friedrich, L.** see Bechtold, V. 8-55065
- Friedt, J.M., Sanchez, J.P.** Origin of the magnetic hyperfine field transferred at iodine in ferromagnetic CrI_3 8-92000
- Friedt, J.M.** see Dunlap, B.D. 8-67990
- Friedt, J.M.** see Potzel, W. 8-83902
- Friedt, J.M.** see Shenoy, G.K. 8-80262
- Friehe, C.A.** see Antonia, R.A. 8-69357
- Friehe, C.A.** see Schmitt, K.F. 8-69489
- Frieman, E.A.** see Rewoldt, G. 8-91094
- Friend, R.H., Jerome, D., Schleich, D.M., Molinie, P.** Pressure enhancement of charge density wave formation in VSe_2 ; the role of Coulomb correlations 8-87927
- Friend, R.H., Miljak, M., Jerome, D., Decker, D.L., Debray, D.** Linear temperature dependence of the constant volume resistivity of Tf-TCNQ 8-51977
- Friend, R.H.** see Miljak, M. 8-84201
- Friend, R.H.** see Mogensen, B. 8-84200
- Friend, R.H.** see Zuppiroli, L. 8-56136
- Fries, E., Audouard, A., Brethau, T.** Substructure formation during Cu_2O single crystal creep 8-95785
- Fries, J.A., Cater, E.D.** Vaporisation thermodynamics and dissociation energy of gadolinium monosulphide: systematics of vaporisation of the rare earth monosulphides 8-67822
- Fries, R.** see Brandelik, R. 8-62416
- Fries, R.J.** see Lowe, A.T. 8-60860, 8-88431
- Friesel, D.L.** see Roos, P.G. 8-62535
- Friesem, A.A.** see Glaser, I. 8-78978
- Friesem, A.A.** see Peri, D. 8-94378
- Friesen, A.A., Levy, U.** Parallel image transmission by a single optical fiber 8-71216
- Frieser, R.G., Goldsmith, C.C.** Devitrification studies of Corning 7757 seal glass 8-79532
- Friesinger, G.** see Arendt, F. 8-50376
- Friever, A.M.** see Sokolova, T.P. 8-57932
- Frieze, W.E.** see Yam, M.H. 8-95616
- Frigerio, A.** Quantum dynamical semigroups and approach to equilibrium 8-49710
- Frigerio, G.** see Baldi, L. 8-83961
- Friichtenicht, J.F.** see Tang, S.P. 8-76847
- Frikkee, E.** Spin waves in the partly disordered B2 structure of Fe_3Al 8-64201
- Friman, B.L.** Ring diagrams, Landau parameters, pion condensation and the binding energy of nuclear matter 8-74321
- Frimodig, G.** see Dunlop, G.L. 8-52812
- Frind, E.O.** see Pinder, G.F. 8-93018
- Fripit, J.J.** see Cruz, M.I. 8-95226
- Fripit, J.J.** see Declerck-Grimee, R.I. 8-85196
- Frisby, J.P.** see Mayhew, J.E.W. 8-69103, 8-96051
- Frisch, B.** Adsorption on metallic surfaces 8-51828
- Frisch, H.** see Bell, T.L. 8-65495
- Frisch, H.L.** Diffusion in inhomogeneous films and membranes 8-76914
- Frisch, H.L.** see Schonhorn, H. 8-74986
- Frisch, U.** Fully developed turbulence, intermittency and magnetic fields 8-89059
- Frisch, U.** see Bell, T.L. 8-65495
- Frisch, U.** see Fournier, J.D. 8-55634
- Frischkorn, C.G.B.** see Conrad, H.M. 8-79752
- Frisillo, A.L., Hadley, C.F.** Digital recording of ultrasonic signals [petroleum prospecting] 8-73552
- Frisk, G.V.** Intensity statistics for long-range acoustic propagation in the ocean 8-90569
- Frit, B.** see Laval, J.-P. 8-51477
- Frit, B.** see Papiernik, R. 8-67689
- Frit, B.** see Pressigout, R. 8-51518
- Fritsberg, V.Ya., Zvirgzde, Yu.V.** Changes in the structure of a BaTiO_3 crystal due to the cubic-tetragonal phase transition 8-60407
- Fritsberg, V.Ya.** see Krumin, A.E. 8-92046
- Fritsch, G.** see Paez, R. 8-68358
- Fritsche, H.-G.** Approximate solutions of SW X α method for clusters. I. Approximate potential, muffin-tin potential and inner states 8-82874
- Fritsche, L.** see Glocker, R. 8-80087
- Fritsche, M.** see Donnerhacke, K.-H. 8-83010
- Fritscher, U., Kappler, F., Rusch, D.** Tritium production measurement in a lithium metal sphere with new techniques in neutron source strength determination 8-74470
- Fritscher, U.** see Bachmann, H. 8-62604
- Fritscher, U.** see Bartel, W. 8-89695
- Fritz, G.** see Cruddace, R.G. 8-65692
- Fritz, G.** see Snyder, W.A. 8-54013
- Fritz, I.J.** Ultrasonic, dilatometric, and dielectric study of uniaxial-stress effects in a barium-calcium titanate ceramic 8-52454
- Fritz, I.J.** Elastic properties of a lithia-alumina-silica glass-ceramic at high pressure 8-83863
- Fritz, I.J., Isaacs, T.J., Gottlieb, M., Morosin, B.** Structure and soft mode behavior of two chalcogenide crystals 8-91327
- Fritz, K.J., Polascik, M.A., Potts, A.M.** Computer assisted diagnosis for ophthalmology 8-92739
- Fritz, O.G., Jr.** see Palmer, G. 8-49826
- Fritz, T.A., Spjeldvik, W.N.** Observations of energetic radiation belt helium ions at the geomagnetic equator during quiet conditions 8-88999
- Fritz, T.A.** see Spjeldvik, W.N. 8-77427
- Fritz, T.A.** see Williams, D.J. 8-85811
- Fritze, K., Lange, M., Richter, G.-M., Stoll, D.** Photometry of galaxies in the field of galaxy cluster Abell 1781 8-77609
- Fritze, P.** see Bosetti, P.C. 8-70357
- Fritzsche, H., Streng, K.-H.** Quarkonium decay into heavy quark flavours 8-82146
- Fritzsche, C.** see Heitman, H. 8-52324
- Fritzsche, C.R., Rothemund, W.** The investigation of radiation damage by electron beam absorption measurements 8-75696
- Fritzsche, C.R.** see Rothemund, W. 8-91363
- Fritzsche, H., Gaczi, P.J., Kastner, M.** The effect of electronegativity difference on the defect chemistry in lone pair semiconductors 8-72063
- Fritzsche, H., Kastner, M.** The effect of charged additives on the carrier concentrations in lone-pair semiconductors 8-67984
- Fritzsche, H.** see Kastner, M. 8-51935
- Fritzsche, H.** see Tanielian, M. 8-88048
- Fritzson, A.** see Carr, S. 8-74042
- Frizzell, L.A.** see Goss, S.A. 8-61213
- Frketich, G.** see Moeck, E.O. 8-58389
- Frodsham, D.G.** see Wyatt, C.L. 8-81460
- Froeschle, C.** Connectance of dynamical systems with increasing number of degrees of freedom 8-81831
- Froese Fischer, C.** A general multi-configuration Hartree-Fock program 8-50471
- Froese Fischer, C.** The $4s^2S-4p^2P$ transition of the Al sequence 8-78651
- Frogel, J.A.** see Cohen, J.G. 8-57595
- Frogrner, B., Rao, H.S.** Control of nuclear power plants 8-70609
- Frohlich, A.** Solution of an apparent inconsistency in the concept of mean free path 8-63525
- Frohlich, F.** see Berg, K.-J. 8-85232
- Frohlich, F.** see Polak, K. 8-52478
- Frohlich, H., Kley, E.-B., Zach, H.-G.** Stabilization of low temperatures by the application of a superconducting thermometer 8-86250
- Frohlich, H.** see Duck, P. 8-82385
- Frohlich, H.-E., Tiersch, H.** Search for optical identifications in the 5C4 radio survey 8-73767
- Frohlich, J., Israel, R., Lieb, E.H., Simon, B.** Phase transitions and reflection positivity. I. General theory and long range lattice models 8-89398
- Frohlich, J., Lieb, E.H.** Phase transitions in anisotropic lattice spin systems 8-73930
- Frohlich, J., Yong Moon Park** Correlation inequalities and the thermodynamic limit for classical and quantum continuous systems 8-57848
- Frohlich, J.** see Bellissard, J. 8-58109
- Frohlich, J.** see Driessler, W. 8-54522
- Frohlich, J.** see Streit, L. 8-70391
- Frohn, A.** see Braun, D. 8-94888
- Froidevaux, C., Souriau, M.** Thermo-mechanical models of lithosphere and asthenosphere: can a change in plate velocity induce magmatic activity? 8-65231
- Froidevaux, C.** see Yuen, D.A. 8-73330
- Froimson, I.M.** see Kurbatov, L.N. 8-56173
- Frois, B.** see Bellicard, J.B. 8-54669
- Frois, B.** see Roy, R. 8-62429
- Frois, B.** see Slobodrian, R.J. 8-89888
- Froishteter, G.B., Vinogradov, G.V.** The loss of laminar flow stability in non-isothermal flow of plastic disperse systems through circular pipes 8-79342
- Froishteter, G.B.** see Vinogradov, G.V. 8-87320

- Froitzheim, H.**, Hagstrum, H.D. Electronic orbitals of Se bonded to Ni (100) 8-72224
- Froix, M.**, Pochan, J. The effect of cooling rate and magnetic field on the NMR relaxation and thermal behaviour of [N-(p-methoxybenzylidene)-p-n-butylaniline] (MBBA) 8-76336
- Frol', V.V.** see Il'in, A.V. 8-96190
- Frolkina, I.T.** see Galyamov, B.Sh. 8-59803
- Frolkov, Yu.A.** see Puchkovskaya, G.A. 8-87919
- Frolov, B.A.** see Khmelev, A.V. 8-61052
- Frolov, B.N.** Fridman's problem in the quadratic theory of gravitation 8-65847
- Frolov, E.A.** see Yarytsyna, I.A. 8-74524
- Frolov, G.I.** see Zhigalov, V.S. 8-75951
- Frolov, G.V.** see Prokuntsev, A.F. 8-76820
- Frolov, I.V.**, Shvarts, A.S. Contribution of instants to the correlation functions of the Heisenberg ferromagnet 8-95412
- Frolov, V.A.**, Minkin, V.M., Fridberg, A.E., Frolova, I.B., Gur'yanov, A.V. Investigation into reduction of disperse ferric oxides by gases heated in electrical arc discharge 8-95915
- Frolov, V.P.** Massive vector fields and black holes 8-96499
- Frolov, V.P.**, Gitman, D.M. Density matrix in quantum electrodynamics, equivalence principle and Hawking effect 8-66060
- Frolov, V.P.** see Gitman, D.M. 8-89644
- Frolov, V.P.** see Volovich, I.M. 8-57846
- Frolova, I.B.** see Frolov, V.A. 8-95915
- Frolova, T.M.** see Savitskii, E.M. 8-56618, 8-64162
- Fromage, F.** see Voliotis, S. 8-95032
- Fromageau, R.**, Pastol, J.L., Revel, G. Recrystallization of magnesium deformed at low temperatures 8-72790
- Froman, N.** Phase-integral formulas for level densities, normalisation factors, and quantal expectation values, not involving wave functions 8-54222
- Froman, N.** On the calculation of the probability density at the origin of an s-state 8-57812
- Froman, N.**, Froman, P.O. On the application of the generalized quantal Bohr-Sommerfeld quantization condition to single-well potentials with very steep walls 8-86180
- Froman, N.**, Froman, P.O. On phase-integral quantization conditions for bound states in one-dimensional smooth single-well potentials 8-86181
- Froman, P.O.** see Froman, N. 8-86180, 8-86181
- Froment, G.F.** see Lerou, J.J. 8-83467
- Froment, M.** see Ambard, J. 8-87894
- Fromm, E.**, Mayer, O. Interaction of oxygen and nitrogen with clean transition metal surfaces 8-64889
- Fromm, E.** see Goto, S. 8-76055
- Fromm, E.** see Mathuni, J. 8-83995
- Fromm, H.** see Baumann, P. 8-82289
- Fromme, J.**, Goldberg, M.A. Numerical solution of a class of integral equations arising in two-dimensional aerodynamics 8-62086
- Frommeyer, G.** Anomalous properties of composite materials with fibre and layer structures caused by internal phase boundaries 8-72754
- Fronczek, R.C.** see Stavroudis, O.N. 8-66773
- Frontov, V.N.** see Braginskii, V.B. 8-77866
- Frood, D.G.** see Suzuki, A. 8-95297
- Frosch, R.** see Perneg, J. 8-50047
- Frosini, R.** On the deleterious consequences of unpredictability of residual long-term effects on interocular comparison of EOG responses 8-53392
- Frosini, V.**, Magagnini, P.L., Newman, B.A. The crystalline character of atactic poly(p-biphenyl acrylate) and poly(p-cyclohexylphenyl acrylate) in their dynamic mechanical response 8-56686
- Frossati, G.**, Hebral, B., Schumacher, G., Thou-louze, D. Double mixing chamber system on dilution refrigerator 8-81978
- Frost, D.C.**, Hengrasme, S., Mitchell, K.A.R., Shepherd, F.R., Watson, P.R. The structure of the clean (110) surface of rhodium 8-87853
- Frost, D.C.** see Banna, M.S. 8-74699
- Frost, D.C.** see Colbourne, D. 8-66600, 8-86911
- Frost, D.C.** see Hitchcock, A.P. 8-62934
- Frost, D.C.** see Martin, R.L. 8-70800
- Frost, D.C.** see Streater, R.W. 8-56028
- Frost, G.** see Barber, D.P. 8-78189
- Frost, H.M.**, Stewart, H.F. Lorentz force hydrophones at megahertz frequencies 8-59243
- Frost, J.C.** see Richardson, R.M. 8-94973
- Frost, J.K.** see Ruch, R.R. 8-85740
- Frost, K.J.** see Crannell, C.J. 8-93174
- Frost, K.J.** see Dennis, B.R. 8-93473
- Frost, K.J.** see Matzler, C. 8-93176
- Frost, M.M.**, Fisher, H.D., Nudelman, S., Roehrig, H. A digital video acquisition system for extraction of subvisual information in diagnostic medical imaging [radiography] 8-69208
- Frost, M.M.** see Roehrig, H. 8-69209
- Frost, M.M.** see Seeley, G.W. 8-73234
- Frost, N.E.**, Sharples, J.K. The prediction of the fatigue behaviour of cylinders subjected to a repeated internal fluid pressure 8-55595
- Frost, R.L.** see James, D.W. 8-56476, 8-76448
- Frost, R.S.**, Barker, R.E., Chen, R.Y.S. Influence of pressure and chemical structure on the thermal conductivity of vitreous poly(alkyl methacrylates). II. Relation to free volume 8-84013
- Frost, R.T.** see Wouch, G. 8-72753
- Frota-Mattos, L.A.** Analytic continuation of the Fourier Series on connected compact Lie groups 8-93511
- Frota-Pessoa, S.**, Blackburn, J.A., Schwartz, B.B. Space and time variations of the order parameter and other relevant quantities within a short superconducting weak link 8-91823
- Frova, A.** see Merle, J.-C. 8-88301
- Frova, A.** see Staehli, J.-L. 8-60516
- Fruczek, M.** see Bagrowski, J. 8-51331
- Fruczek, M.** see Kaliski, S. 8-83425
- Frueh, F.X.** see Shepherd, D.C. 8-64992
- Fruehan, R.J.** Desulfurization of liquid steel containing aluminium or silicon with lime 8-80742
- Frueholz, R.P.**, Rianda, R., Kuppermann, A. Doublet-quartet transitions in nitric oxide by low-energy variable-angle electron scattering 8-62933
- Fruh, R.**, Brunner, P., Bobleter, O. Automatic TLD-readers-comparison of three commercially available instruments 8-50408
- Fruhmoegen, P.** see Reidenbach, H.-D. 8-80945
- Fruhwith, R.** see Fidecaro, G. 8-66157
- Fruin, J.H.** see Palumbo, G.G.C. 8-69890
- Frumkes, T.E.** see Barris, M.C. 8-69074
- Frumkis, L.S.** see Lomovitskii, A.V. 8-56863
- Frush, C.L.** see Baynton, H.W. 8-61594
- Fruwert, J.** see Salzer, R. 8-50541
- Fry, B.W.**, Whitford, G.M., Pashley, D.H. A method of increasing the amount of ^{18}F at the laboratory by recovery during transport from the reactor 8-78821
- Fry, D.N.** see Mathis, M.V. 8-94063
- Fry, E.** see Thompson, R. 8-58010
- Fry, F.J.**, Barger, J.E. Acoustical properties of the human skull 8-69159
- Fry, F.J.**, Erdmann, W.A., Johnson, L.K., Baird, A.I. Ultrasonic toxicity study 8-69135
- Fry, J.R.** see Michaelidou, C. 8-93904
- Fry, J.R.** see Rohringer, H. 8-74277
- Fry, W.F.** see Cline, D. 8-82201
- Fryback, D.G.** see Thornbury, J.R. 8-73229
- Fryer, F.E.**, Goldberg, O. Kohler illumination using [quartz-halogen lamp and] fiber optics 8-58027
- Fryer, J.R.** Molecular images of the hydrocarbon $\text{C}_{22}\text{H}_{12}$ - Anthanthrene 8-79600
- Fryt, E.M.** Application of the Rosenberg kinetic method for determination of the parabolic rate constants for metal oxidation 8-64774
- Fu, C.M.**, Wu, K.T., Pin Ho, Burns, R. The kinetics of Ga atom desorption from oxidized tungsten 8-75939
- Fu, K.S.**, Whinston, A. (editor) Pattern recognition: theory and application 8-64927
- Fu, L.S.** The torsion of a cracked hollow elastic solid 8-51134
- Fu, S.E.**, Lee, J.S. A video system for measuring the blood flow velocity in microvessels 8-53543
- Fu, W.B.** Oblique refraction of an ionisation front 8-54025
- Fu De-Hui** see Hu Kai-Sheng 8-82018
- Fu King-Sun** see King-Sun Fu
- Fu Qi-Jun**, Li Xiao-Cong, Liu Yu-Ying An analysis of the data of the total solar flux observations at 3.2 cm obtained in the Peking Observatory during the years 1965-1975 8-69763
- Fu Su** see Calvert, J.G. 8-96257
- Fu Sui Liu** see Liu Fu Sui
- Fu Te-Chi**, Fang Pao The fine structure of ^{208}Pb 1^+ states 8-78269
- Fu-Cheng Lin** see Lin Fu-Cheng
- Fu-chia Yang** see Yang Fu-chia
- Fu-Cho Pu** see Pu Fu-Cho
- Fu-Li Li** see Li Fu-Li
- Fu-Shiong Lin**, Starke, E.A., Jr. Low cycle corrosion fatigue of an Al-Zn-Mg-(Zr) alloy 8-64788
- Fu-xiang He** see He Fu-xiang
- Fu-zhen Cheng** see Cheng Fu-zhen
- Fubini, B.**, Gatta, G.D., Venturello, G. Energetics of adsorption in the alumina-water system. Microcalorimetric study on the influence of adsorption temperature on surface processes 8-60028
- Fuchi, H.**, Hoshino, K., Kuramata, S., Niu, K., Niwa, K., Tasaka, S., Yanagisawa, Y., Ushida, N., Maeda, Y. Analysis of 303 GeV/c proton-nucleus interactions tagged by high-energy γ -rays with emulsion chambers 8-70521
- Fuchs, E.O.** see Fox, A. 8-72806
- Fuchs, H.** see Gahler, K. 8-94118
- Fuchs, H.V.** On the application of acoustic 'mirror', 'telescope' and 'polar correlation' techniques to jet noise source location 8-83169
- Fuchs, H.V.**, Armstrong, R.R. Turbulent surface coherence and Helmholtz number as aerodynamic noise parameters 8-94675
- Fuchs, H.V.** see Arndt, R.E.A. 8-59193
- Fuchs, P.** see Bokemeyer, H. 8-54793
- Fuchs, R.** Optical properties of small particle composites 8-56445
- Fuchs, V.J.**, Freiwald, W., Hartl, H. Determination of the crystal structure of tetrabutylammonium hexatungstate 8-63740
- Fuchs, W.**, Brombach, J.D., Trosch, W., II. Charging effect in electron-irradiated ice [in biological sample microanalysis] 8-57141
- Fuchs, W.**, Lindemann, B., Brombach, J.D., Trosch, W. Instrumentation and specimen preparation for electron beam X-ray microanalysis of frozen hydrated bulk specimens 8-57142
- Fucke, W.** see Seydel, U. 8-75531
- Fuechsel, C.F.** see Bogges, A. 8-96382
- Fueki, K.** see Kevan, L. 8-72544
- Fueki, K.** see Kimura, T. 8-68976
- Fueno, T.** see Takatsuka, K. 8-82617, 8-90073
- Fueno, T.** see Yamaguchi, K. 8-66476, 8-92447
- Fuentes, M.**, Gil Sevillano, J., Urcola, J.J., Zubillaga, J.C. Efficiency of directional transformation on the oriented growth of eutectoid alloys 8-76642
- Fues, W.** see Brandelik, R. 8-62416
- Fuess, H.** see Bonnet, M. 8-52215
- Fuge, R.**, Langenbrunner, H. Bubble noise at magnetic flowmeters 8-91038
- Fuggle, J.C.**, Umbach, E., Menzel, D., Wandelt, K., Brundle, C.R. Adsorbate line shapes and multiple lines in XPS; comparison of theory and experiment 8-84702
- Fuggle, J.C.** see Menzel, D. 8-62175
- Fuggle, J.C.** see Steiner, P. 8-60535
- Fugol, I.Ya.** Excitons in rare-gas crystals 8-51898
- Fugol', I.Ya.** see Poltoratskii, Yu.B. 8-88347
- Fuhlrott, H.** see Neumann, P. 8-64703
- Fuhr, J.R.**, Miller, B.J., Martin, G.A. Bibliography on atomic transition probabilities 1914-October 1977 8-74598
- Fuhr, J.R.** see Younger, S.M. 8-74601
- Fuhrman, M.** see Brecher, A. 8-65565
- Fuhs, A.E.**, Hannah, B.W., King, W.L., Jr. Comment on 'Extensions of dual-plate holography interferometry' 8-63512
- Fuhs, W.**, Holzhauser, U., Richter, F.W., Sturm, R., Mantl, S. Annihilation of positrons in electron-irradiated silicon crystals 8-87713
- Fuia, H.** see Bogdan, D. 8-82316
- Fuja, R.** see Fasolo, J. 8-54973
- Fuja, R.** see Wang, S.-T. 8-62634
- Fuja, R.E.** see Brooks, J.N. 8-54955
- Fuja, R.E.** see Kustom, R.L. 8-55031
- Fujara, F.** see Winnacker, A. 8-91994
- Fujibayashi, K.** see Asaeda, T. 8-50723
- Fujigaki, M.**, Kojima, S. A new relativistic mechanics for two-particle system 8-66055
- Fujihashi, C.**, Egashira, T., Nagashima, H. Analyses of three dimensional scattering patterns on dielectric slab waveguide with refractive index irregularity 8-87158
- Fujii, A.** see Fujii, Y. 8-51628
- Fujii, E.** see Iida, K. 8-64684
- Fujii, H.**, Lit, J.W.Y. Surface roughness measurement using dichromatic speckle pattern: an experimental study 8-89428
- Fujii, H.** see Arai, I. 8-74347
- Fujii, H.** see Baba, K. 8-93987
- Fujii, H.** see Furuyama, S. 8-84051
- Fujii, H.** see Okamoto, T. 8-68216
- Fujii, H.** see Yagasaki, K. 8-76244
- Fujii, H.** see Yoshino, K. 8-60533
- Fujii, K.** see Abe, Y. 8-58167
- Fujii, K.** see Honda, K. 8-62398
- Fujii, K.** see Nakata, H. 8-84565
- Fujii, K.** see Ogasahara, Y. 8-69133
- Fujii, K.** see Sonoda, H. 8-81950
- Fujii, K.** see Takeuchi, S. 8-51605
- Fujii, K.** see Ushijima, K. 8-92226, 8-92227
- Fujii, M.** see Doi, K. 8-90031
- Fujii, M.** see Nishimura, J. 8-61933
- Fujii, M.** see Yamagami, T. 8-61644
- Fujii, M.** see Yamakawa, H. 8-55266
- Fujii, S.**, Uemura, Y. Theory of the spin depolarisation rate of $\mu^+\text{SR}$ in pure Fe 8-80271
- Fujii, T.**, Honda, H. Laminar filmwise condensation on a vertical single fluted plate 8-94552
- Fujii, T.**, Ohba, Y. Effect of fine precipitates on the recrystallization textures of Mo single crystals rolled in the (111)[112] orientation 8-88480
- Fujii, T.**, Suzuki, S., Komatsu, S. The influence of molecular conformation on electronic relaxation processes. The excitation-wavelength dependence of the radiative and nonradiative rates of biphenyl 8-78736
- Fujii, T.** see Hiayamizu, S. 8-84328
- Fujii, T.** see Iwata, S. 8-88150
- Fujii, T.** see Kamae, T. 8-82215

- Fujii, T. *see* Miki, M. 8-92315
 Fujii, T. *see* Tanaka, T. 8-72841
 Fujii, T. *see* Tsunashima, S. 8-95490
 Fujii, Y., Hoshino, S., Sakuma, T. Incoherent neutron scattering study of proton motions in solid HCl 8-75600
 Fujii, Y., Masamura, T. Detection of atmospheric pollutants by quantitative analytical spectroscopy using a continuously scanned tunable dye laser 8-81362
 Fujii, Y., Sakudo, T. Optical and dielectric studies on SrTiO₃ and KTaO₃ 8-76429
 Fujii, Y., Sakuma, T., Nakahara, J., Hoshino, S., Kobayashi, K., Fujii, A. Neutron scattering study of phonon dispersion relations along [110] in TiCl₃ 8-51628
 Fujii, Y. *see* Hayashi, H. 8-83087
 Fujii, Y. *see* Hill, K.O. 8-63171
 Fujii, Y. *see* Hoshino, S. 8-83792
 Fujii, Y. *see* Kawasaki, B.S. 8-50851, 8-79130
 Fujii, Y. *see* Kikuta, S. 8-83654, 8-91202
 Fujii, Y. *see* Kobayashi, I. 8-90506
 Fujii, Y. *see* Sakudo, T. 8-76395
 Fujii, Y. *see* Shimomura, O. 8-87647
 Fujii-E, Y. *see* Fukuzawa, Y. 8-89934
 Fujikawa, K. Electron-type neutral heavy lepton and the W-boson mass 8-66100
 Fujikawa, K. On a superfield theoretical treatment of the Higgs-Kibble mechanism 8-89616
 Fujikawa, S., Akamatsu, T. Experimental investigations of cavitation bubble collapse by a water shock tube 8-67231
 Fujikawa, S., Nei, T. A technique for observing the three-dimensional structure of erythrocytes with a cryo-scanning electron microscope 8-92765
 Fujiki, H., Kitamura, N. Evaporation deposition using a liquid He cooled cryopumping panel 8-56581
 Fujiki, M. *see* Ochi, Y. 8-64624
 Fujimaki, N. *see* Konishi, E. 8-49993
 Fujimitsu, T. *see* Shimizu, S. 8-64685
 Fujimori, A., Fukutani, H., Kuwabara, G. Magnetic circular dichroism at E₁ edges in semiconductors 8-92051
 Fujimori, A., Fukutani, H., Kuwabara, G. Magnetic circular dichroism of the phonon-assisted exciton transitions in GaP 8-92053
 Fujimoto, F. *see* Uchida, Y. 8-83660
 Fujimoto, H., Osamura, Y., Minato, T. Orbital interaction and chemical bonds. Exchange repulsion and rehybridization in chemical reactions 8-85142
 Fujimoto, H. *see* Yukawa, T. 8-95486
 Fujimoto, K. *see* Jotaki, T. 8-63479
 Fujimoto, M.-K. *see* Hirakawa, H. 8-73730
 Fujimoto, S. *see* Shimizu, H. 8-84533
 Fujimoto, S. *see* Yasuda, N. 8-55941
 Fujimoto, T. *see* Kawashima, S. 8-92303
 Fujimoto, T. *see* Lam, L.K. 8-66638
 Fujimoto, T. *see* Murakami, A. 8-92339
 Fujimura, I. *see* Ikeda, T. 8-76432
 Fujimura, K. *see* Iwase, M. 8-75851
 Fujimura, T., Hayakawa, N., Kuriyama, I. Trapping regions for allyl radicals in irradiated polyethylene 8-91957
 Fujimura, T. *see* Asaoka, T. 8-78440
 Fujimura, T. *see* Ono, K. 8-59972
 Fujimura, T. *see* Yoshihara, A. 8-52517, 8-89562
 Fujimura, T. *see* Yoshizawa, M. 8-89481
 Fujimura, Y. *see* Araki, H. 8-92260
 Fujimura, Y. *see* Fletcher, D. 8-78740
 Fujimura, Y. *see* Ma, S.M. 8-95908
 Fujinaga, K. *see* Kudo, K. 8-76954
 Fujinaga, T. *see* Itoh, N. 8-56455
 Fujinaga, Y. The structure of oxygen-adsorbed copper surfaces expressed as an 'oxygen pressure-temperature diagram' 8-79884
 Fujino, M. Comparison between measured and calculated Doppler factors for gold and silver 8-54811
 Fujino, M. *see* Taira, S. 8-84977, 8-84978, 8-84979
 Fujino, S. *see* Hirai, T. 8-83238
 Fujino, Y. *see* Kondo, M. 8-83089
 Fujino, Y. *see* Kumabe, I. 8-58272
 Fujino, Y. *see* Takahashi, J. 8-67708
 Fujio, M., Igarashi, J.-I., Nakamura, T. Roton dragging librins in the ordered solid hydrogen 8-67886
 Fujioka, H. *see* Hosokawa, T. 8-65996, 8-89606
 Fujioka, J. *see* Kita, K. 8-52963
 Fujioka, M. *see* Shinohara, T. 8-72441
 Fujioka, R. *see* Abe, S. 8-63527
 Fujioka, T. *see* Obara, M. 8-79013
 Fujioka, T. *see* Oodate, H. 8-74704
 Fujisaka, H., Yamada, T. Trajectory instability and strange attractors in a discrete model exhibiting chaotic behavior 8-71318
 Fujisaki, H. Comments on the fermion Reggeization without parity doubling 8-54622
 Fujisaki, H. Comments on boson trajectories in reggeon field theory 8-89634
 Fujisaki, H., Sugito, M. Analysis and perception of two-mora word accent types in the Kinki dialect 8-92659
 Fujisaki, H., Tsukahara, K. On the angular dependence of high-energy p-p elastic scattering 8-82243
 Fujisaki, H. *see* Sato, Y. 8-92660
 Fujisaki, M. *see* Baba, K. 8-93987
 Fujisawa, A., Koyama, T., Nishida, O. Blood gas analysis by medical mass spectrometer 8-61273
 Fujisawa, N. *see* Gomay, Y. 8-51316, 8-59690
 Fujisawa, N. *see* Odajima, K. 8-67312
 Fujisawa, T. *see* Soga, F. 8-54775
 Fujishiro, I. High pressure experiments and metals 8-71790
 Fujishita, H. *see* Onodera, A. 8-92035
 Fujita, F.E. *see* Sohmura, T. 8-92002
 Fujita, H., Banjaya, N., Iba, K., Matoba, M., Nakai, S., Yamanaka, C. Laser pumping by PFN power source 8-74928
 Fujita, H., Inoue, M., Phillips, W. Optical properties of cobalt-doped lithium niobate 8-64383
 Fujita, H., Kouno, T., Noguchi, Y., Ueguri, S. Breakdown voltages of gaseous N₂ and air from normal to cryogenic temperatures 8-59692
 Fujita, H., Miyazaki, S. Luders deformation in polycrystalline iron 8-84893
 Fujita, H., Nishimura, H., Iba, K., Matoba, M., Nakai, S., Yamanaka, C., Yokota, T., Horiguchi, M. Development of high power large aperture E-beam controlled CO₂ laser amplifier 8-66846
 Fujita, H., Taki, N., Norisuye, T., Sotobayashi, H. First-order excluded-volume effect on the intrinsic viscosity of nondraining polymer coils 8-55968
 Fujita, H. *see* Imazu, S. 8-83634
 Fujita, H. *see* Kawamura, Y. 8-63129
 Fujita, H. *see* Miyazaki, S. 8-84945
 Fujita, H. *see* Morita, Y. 8-91107
 Fujita, H. *see* Nakai, S. 8-59603
 Fujita, H. *see* Taba, T. 8-52886
 Fujita, H. *see* Yamanaka, C. 8-50300
 Fujita, J. *see* Kadota, K. 8-63590
 Fujita, J. *see* Matsuura, K. 8-55754
 Fujita, J. *see* Toi, K. 8-71527
 Fujita, K. Pre-Cenozoic tectonic evolution of northeast Siberia 8-81132
 Fujita, K., Yanagihara, K., Kawazu, J., Kayama, I. Synthesis of hydrated alumina gel by the homogeneous precipitation method using NaAlO₂ as starting material and its phase change by heating 8-68937
 Fujita, K., Yoshida, A. Surface durability of steel rollers. In the cases of case-hardened and of nitrided rollers 8-84959
 Fujita, M., Ohno, N., Nakamura, K. Piezoreflectance of TiCl₃ and TiBr₃ at liquid helium temperature 8-64347
 Fujita, M. *see* Awaka, J. 8-85670
 Fujita, M. *see* Shinozuka, T. 8-85669
 Fujita, S., Ozaki, H., Shiosaki, T., Kawabata, A. Preparation of PbS_{1-x}Se_x thin films by co-evaporation method 8-64477
 Fujita, S., Ozaki, H., Shiosaki, T., Kawabata, A. Preparation of PbS_{1-x}Se_x thin films by co-evaporation method 8-80470
 Fujita, S. *see* Okajima, S. 8-85393
 Fujita, S. *see* Prasad, M. 8-64083, 8-64086
 Fujita, T., Mizuta, A., Tsuda, O. Unstable fracture criteria under large plastic deformation 8-67143
 Fujita, T., Ohmi, T., Tsuneto, T. Vortex ring without singular cores in superfluid ³He-A 8-67880
 Fujita, T., Sadayasu, T., Tsuchida, E., Nakahara, I. Stress concentration due to a hemispherical pit at a free surface of a thick plate under all-around tension 8-83243
 Fujita, T. *see* Ohnuma, T. 8-91119
 Fujita, T. *see* Shizuma, K. 8-55131
 Fujita, T. *see* Wada, K. 8-71813
 Fujita, T.T., Caracena, F. An analysis of three weather-related aircraft accidents 8-53693
 Fujita, Y. A general method for the calculation of particle trajectories in the fields having a straight main path 8-90352
 Fujita, Y., Fukai, Y. Deviation from Matthiessen's rule at high temperatures: Cu, Ag and Ge in Al 8-64025
 Fujita, Y., Tsuji, T. The ¹²C/¹³C ratio in carbon stars 8-73710
 Fujita, Y. *see* Ikegami, H. 8-50065, 8-54731
 Fujita, Y. *see* Kitajima, K. 8-71760
 Fujiwaka, S. *see* Tsuji, K. 8-51976
 Fujiwara, A. *see* Abe, M. 8-56702
 Fujiwara, H. *see* Minejima, Y. 8-93746
 Fujiwara, K., Kanayama, K., Ohtani, M., Ogata, H. Quantitative analysis of impurities by Auger electron spectroscopy. B, P and As in Si and P in SiO₂ 8-91356
 Fujiwara, K., Makita, Y. Reverberant sound absorption coefficient of a plane space absorber 8-55519
 Fujiwara, K., Makita, Y. Theoretical study on a method of estimation of the reverberant sound absorption coefficient of plane porous material under any mounting conditions 8-79168
 Fujiwara, K., Makita, Y. Experimental study on a method of estimation of the reverberant sound absorption coefficient of plane porous material under any mounting conditions 8-83145
 Fujiwara, K. *see* Makita, Y. 8-55482
 Fujiwara, K. *see* Ogata, H. 8-51744
 Fujiwara, M., Sakon, T., Sunamoto, D. Effect of stress hold time on high temperature low-cycle fatigue fracture mode for notched 18 Cr-8 Ni-Mo stainless steel specimens 8-52952
 Fujiwara, M. *see* Ikegami, H. 8-50065, 8-54731
 Fujiwara, N. *see* Fukunaga, K. 8-54771
 Fujiwara, N. *see* Tanaka, S. 8-89883
 Fujiwara, S. Fourier transform of noise as a criterion of perturbation 8-65948
 Fujiwara, S. Behaviors of glass fiber reinforced plastics under compressive load 8-92301
 Fujiwara, S., Hada, H. A 'photocurrent-inversion effect' of sintered AgBr microcrystals at room temperature 8-62246
 Fujiwara, T. Magnetic excitations in diluted ferromagnets. II. Localisation and wavefunctions 8-60275
 Fujiwara, T., Fuse, M., Tanabe, Y. Density of states in amorphous metals 8-51868
 Fujiwara, Y. *see* Fukao, M. 8-87504
 Fujiyama, T. *see* Kato, T. 8-84564
 Fukada, E., Furukawa, T. Piezoelectric properties of polymer ceramics mixtures 8-64323
 Fukada, E. *see* Ando, Y. 8-64929
 Fukagawa, K. *see* Sometani, T. 8-63575
 Fukai, I. *see* Yamagata, S. 8-71255
 Fukai, Y. *see* Fujita, Y. 8-64025
 Fukami, N. *see* Toyota, E. 8-54905
 Fukami, T., Tsuchiya, H. Preparation of stoichiometric KTa_{1-x}Nb_xO₃ films by RF sputtering 8-88426
 Fukamichi, K., Kikuchi, M., Arakawa, S., Masumoto, T., Jagielinski, T., Arai, K.I., Tsuya, N. Magneto-volume effect in invar-type amorphous Fe-B alloys 8-91922
 Fukamichi, K. *see* Kikuchi, M. 8-76291
 Fukano, T., Kodama, Y., Takamatsu, Y. Noise generated by low pressure axial flow fans. III. Effects of rotational frequency, blade thickness and outer blade profile 8-59195
 Fukano, T. *see* Sekoguchi, K. 8-87376, 8-87377
 Fukao, M., Fujiwara, Y., Zushi, H., Nishihara, H., Suemitsu, H., Terumichi, Y. A small tokamak NOVA II 8-87504
 Fukata, M. A suggestion for a radio emergency warning system and its problems—in relation to warning system development in parallel with earthquake prediction system development 8-85497
 Fukatsu, M. *see* Shimizu, I. 8-89063
 Fukaya, K., Ino, S., Ogawa, S. Orientation and structure of palladium particles formed by evaporation on alkali halide crystals 8-84108
 Fukaya, R. Declination observations of circumpolar stars with the meridian circle 8-89044
 Fukaya, R. *see* Yasuda, H. 8-69660
 Fukazawa, K. *see* Toda, M. 8-51014
 Fukazawa, S. *see* Ito, K. 8-91025
 Fuks, M.I. *see* Nechaev, V.E. 8-78037
 Fuks, M.Ya., Palatnik, L.S., Cheremskoi, P.G., Toptygin, A.L. Influence of isothermal and thermal cyclic treatments on the porosity of condensed magnesium films 8-87884
 Fuks, R.L. *see* Bukrinskii, A.M. 8-66358
 Fukuchi, M. *see* Okabe, T. 8-80137
 Fukuda, A. *see* Muta, K. 8-56461
 Fukuda, A. *see* Takezoe, H. 8-75812
 Fukuda, K., Iwamoto, K. Diffusion behavior of fission product in pyrolytic silicon carbide 8-79814
 Fukuda, K., Kobori, T. Two-phase flow instability in parallel channels 8-94810
 Fukuda, K. *see* Matsuura, Y. 8-63585
 Fukuda, K. *see* Yokomizo, O. 8-54814
 Fukuda, M. Radial profile of DC toroidal current driven by RF travelling field 8-75270
 Fukuda, M. A heat flux measurement in freezing soils 8-88835
 Fukuda, M., Yahagi, H. Development of a soil moisture meter 8-88935
 Fukuda, M. *see* Kinoshita, S. 8-88834, 8-92860
 Fukuda, R. *see* Aoyama, H. 8-89659
 Fukuda, S., Kuroda, H., Shiosaki, T., Kawabata, A. Au-clad amorphous Se optical waveguides and a photoelastic modulator for the 10.6 μm radiation 8-66956
 Fukuda, S. *see* Kitagawa, H. 8-76726
 Fukuda, S. *see* Miyamoto, H. 8-67148
 Fukuda, T. Broken chiral SU(4)×SU(4) 8-74176
 Fukuda, T. Broken isospin symmetry in chiral SU(4)⊗SU(4) and D⁺-D⁰ mass difference 8-89691
 Fukuda, T., Uematsu, Y. Nonlinear optical materials—KNbO₃—and application to YAG/Nd SHG 8-74954
 Fukuda, T. *see* Tanaka, M. 8-93930
 Fukuda, T. *see* Yamagata, T. 8-66190

- Fukuda, Y.**, Elam, W.T., Park, R.L. Nitrogen, oxygen, and carbon monoxide chemisorption on polycrystalline titanium surfaces 8-71971
- Fukuda, Y.** *see* Cohen, P.I. 8-92148
- Fukuda, Y.** *see* Elam, W.T. 8-72647
- Fukudome, R.** *see* Kikuta, S. 8-49948
- Fukugita, M.**, Konishi, K., Hansson, T.H. Pseudobaryons 8-58219
- Fukugita, M.** *see* Chan Hong-Mo 8-74212
- Fukugita, M.** *see* Hong-Mo, C. 8-82158
- Fukuhara, M.**, Nagai, H., Mitani, H. Preparation of ultra-fine TiN powder by the vapor phase reaction in a nitrogen plasma jet 8-72757
- Fukuhara, M.** *see* Mitani, H. 8-72750
- Fukui, H.**, Sanyoshi, A., Miura, K. Finite perturbation calculations of the nuclear spin-spin coupling constant for the hydrogen fluoride molecule 8-78616
- Fukui, H.** *see* Sekoguchi, K. 8-83462
- Fukui, K.** *see* Tachibana, A. 8-60087
- Fukui, K.** *see* Young, P.S. 8-54756
- Fukui, M.**, Stegeman, G.I. Theory of non phase-matched second harmonic generation of surface plasmons 8-72101
- Fukui, M.** *see* Hayashi, K. 8-95193
- Fukui, T.** *see* Kikuchi, K. 8-80131
- Fukui, T.** *see* Sugi, M. 8-88045
- Fukui, Y.**, Iguchi, T., Kaifu, N., Chikada, Y., Morimoto, M., Nagane, K., Miyazawa, K., Miyaji, T. HCN emission in the Sagittarius A molecular cloud 8-73750
- Fukui, Y.** *see* Deguchi, S. 8-73626
- Fukukawa, Y.** *see* Ito, T. 8-52665
- Fukuma, M.**, Noda, J., Iwasaki, H. Optical properties in titanium-diffused LiNbO₃ strip waveguides 8-74985
- Fukuma, M.** *see* Mikami, O. 8-66951
- Fukuma, M.** *see* Noda, J. 8-66905, 8-74973
- Fukumura, M.** *see* Tsunoda, T. 8-79858, 8-79859
- Fukumura, T.** *see* Ohtuki, N. 8-57099
- Fukunaga, H.** *see* Narita, K. 8-95421
- Fukunaga, K.**, Ohsawa, T., Fujiwara, N., Tanaka, S., Okihana, A., Yanabu, T. Excited states of ⁴He observed in the ⁶Li+d reaction 8-54771
- Fukunaga, K.** *see* Tanaka, S. 8-89883
- Fukunaka, Y.**, Toguri, J.M. The vaporization kinetics of Ni₃S₂ 8-51658
- Fukunishi, K.** Noise source estimation of boiling water reactor power fluctuation by autoregression 8-78476
- Fukunishi, K.**, Izumi, M., Kato, K., Kobayashi, S., Doi, T. Noise analysis experience of a BWR power plant 8-94105
- Fukunishi, S.** *see* Noda, J. 8-74965
- Fukuoka, H.**, Toda, H. Preliminary experiment on acoustoelasticity for stress analysis 8-64790
- Fukuoka, J.** *see* Sasaki, M. 8-87983
- Fukusako, S.** *see* Seki, N. 8-67195, 8-67196, 8-71392
- Fukusako, T.** *see* Ohnaka, I. 8-52719, 8-94515
- Fukushige, Y.** *see* Shimada, K. 8-68929
- Fukushima, A.A.** *see* Engler, E.M. 8-91680
- Fukushima, K.**, Miyake, S. A self-organizing neural network with a function of associative memory: feedback-type cogniton 8-56962
- Fukushima, M.**, Horikawa, N., Kajikawa, R., Kobayakawa, H., Mori, K., Nakanishi, T., Pak, C.O., Suzuki, S., Matsuda, T., Tokuda, N., Daigo, M., Ohshima, T. Measurement of polarized target asymmetry on $\gamma p \rightarrow n^0 p$ below 1 GeV 8-62409
- Fukushima, M.** *see* Nakaoka, A. 8-85609
- Fukushima, M.** *see* Takagi, S. 8-82520, 8-92703
- Fukushima, S.**, Utsunomiya, S., Soma, T. Extraction of contour of stomach from radiograms 8-53482
- Fukushima, Y.**, Kamimura, M. The resonating group method for 3-cluster systems based on the use of generator coordinate kernels: application to the 3 α structure of ¹²C and the 3 α reaction in stellar evolution 8-50108
- Fukushima, Y.** *see* Ideshita, T. 8-68318
- Fukutani, H.** *see* Fujimori, A. 8-92051, 8-92053
- Fukutani, H.** *see* Tanaka, M. 8-84606
- Fukutome, H.**, Tsuji, M., Nishimura, Y. Emission spectra of hydrogen sulfide and sulfur dioxide by Ar⁺ ion impact 8-50622
- Fukutome, H.** *see* Takahashi, M. 8-90056
- Fukuyama, H.** Two-dimensional electron systems 8-51771
- Fukuyama, H.** CDW instability of electron gas in a strong magnetic field 8-79950
- Fukuyama, H.**, Kuramoto, Y., Platzman, P.M. Coulomb interaction effects on cyclotron resonance in 2D systems 8-60073
- Fukuyama, H.**, Platzman, P.M., Anderson, P.W. The two-dimensional electron gas in a strong magnetic field 8-60005
- Fukuyama, H.** *see* Suzumura, Y. 8-51911
- Fukuyama, H.** *see* Yoshioka, D. 8-76009
- Fukuzaki, H.** *see* Kato, Y. 8-84569
- Fukuzawa, F.** *see* Itoh, A. 8-58793
- Fukuzawa, T.**, Tanimizu, S. Fluorescence decay characteristics of Tb³⁺-activated phosphates under H₂-VUV laser excitation 8-60510
- Fukuzawa, Y.**, Fujii-E, Y. Performance characteristics of potassium heat pipe loaded with argon 8-89934
- Fukuzumi, T.** *see* Saito, K. 8-56876, 8-85113
- Fulachier, L.**, Arzuoumanian, E., Dumas, R. Experimental investigations of a turbulent field from temperature fluctuations 8-94667
- Fulachier, L.** *see* Beguier, C. 8-94666
- Fulachier, L.** *see* Dekeyser, I. 8-51156
- Fulbright, H.W.** *see* Bennett, C.L. 8-78258
- Fulcher, L.P.** *see* Rafelski, J. 8-49987
- Fulda, F.** *see* Quenzer, A. 8-70370
- Fulde, P.** Selected crystal-field effects in rare-earth systems 8-67987
- Fulde, P.** *see* Becker, K.W. 8-67988
- Fulde, P.** *see* Nickel, H. 8-88085
- Fulde, P.** *see* Thalmeier, P. 8-52476
- Fulinski, A.** One-dimensional model with a fluid-solid-type phase transition 8-63838
- Fulinski, A.** On the construction of different forms of exact and asymptotic master equations 8-65859
- Fulkerson, C.R.** *see* Leader, J.C. 8-50846
- Fulkerson, D.E.**, Cooper, L.K. A self-contained IC for automatic focusing of cameras 8-82069
- Fulkerson, D.E.** *see* Cooper, L.K. 8-54480
- Fullagar, P.D.** *see* Rogers, J.J.W. 8-65305
- Fullard, K.** *see* Whittle, H.R. 8-62624
- Fullarton, G.K.** *see* Tomlin, D.H. 8-86089
- Fuller, A.O.**, Hargraves, R.B. Some consequences of a liquid water saturated regolith in early Martian history 8-65538
- Fuller, C.R.**, Bies, D.A. Propagation of sound in a curved bend containing a curved axial partition 8-55486
- Fuller, E.R., Jr.**, Thomson, R. Nonlinear lattice theory of fracture 8-67138
- Fuller, M.** *see* Cisowski, S.M. 8-85538
- Fuller, M.** *see* Hoffman, K.A. 8-65182
- Fuller, P.** *see* Entwistle, K.M. 8-60690
- Fuller, R.E.** *see* Hales, J.W. 8-86586
- Fuller, S.D.** *see* Ohtsuki, M. 8-76989
- Fuller-Brown, W., Jr.** Domains, micromagnetics, and beyond: Reminiscences and assessments 8-68288
- Fulmer, C.B.** *see* Ball, J.B. 8-66306
- Fulmer, C.B.** *see* Satchell, G.R. 8-58295
- Fulop, G.F.**, Chun-Sing O, Stroke, H.H. Method for accumulating high-resolution optical spectra by repetitive photoelectric scanning 8-54456
- Fulop, I.** *see* Geleji, F. 8-76709
- Fulton, A.B.**, Rushton, W.A.H. Rod ERG of the mudpuppy: effect of dim red backgrounds 8-69062
- Fulton, A.B.**, Rushton, W.A.H. The human rod ERG: correlation with psychophysical responses in light and dark adaptation 8-69063
- Fulton, C.T.** Two-point boundary value problems with eigenvalue parameter contained in the boundary conditions 8-73830
- Fulton, R.J.**, Smith, G.W. Late Pleistocene stratigraphy of south-central British Columbia 8-92804
- Fulton, R.L.** Long and short range correlations in the Brownian motion of charged particles 8-62155
- Fulton, R.L.** Dipole correlations in conducting media 8-62969
- Fulton, T.** *see* Chung, V.K. 8-89642
- Fulton, T.** *see* Feldman, G. 8-74225
- Fultz, B.**, Morris, J.W., Jr. Multichannel scaling with an eight bit microcomputer 8-82595
- Fumelli, M.**, Raimbault, P. Experimental and theoretical results of an electrostatic energy recovery system for neutral beam injectors 8-66400
- Fumelli, M.** *see* Becherer, R. 8-54915
- Funabashi, K.**, Hamill, W.H. A random-walk model for spectral relaxation of trapped electrons in alcohols 8-60493
- Funada, I.** *see* Yorizane, M. 8-83927
- Funada, S.** *see* Sumita, M. 8-95780
- Funada, T.** *see* Sunamoto, D. 8-68808
- Funahashi, A.** *see* Kasai, S. 8-55737, 8-87492
- Funahashi, A.** *see* Nagashima, A. 8-75417
- Funahashi, A.** *see* Sugie, T. 8-63584
- Funahashi, A.** *see* Takeuchi, H. 8-51341
- Funahashi, S.** *see* Hiramatsu, S. 8-90046
- Funato, Y.** *see* Nagao, S. 8-55009
- Funawatahi, Y.** *see* Tanasawa, I. 8-94559
- Funck, Th.** *see* Eggers, F. 8-87213
- Fundeman, M.O.** *see* Kuz'min, G.I. 8-89952
- Funfschilling, J.**, von Burg, K., Zschokke-Granacher, I. Singlet exciton fission in anthracene at different temperatures 8-52540
- Fung, A.** *see* Hasselmann, K. 8-81418
- Fung, A.K.** *see* Parashar, S.K. 8-77266
- Fung, B.M.** *see* McCaughy, T.W. 8-84491
- Fung, K.H.**, Freed, K.F. Franck-Condon theory of reactive scattering 8-60984
- Fung, K.K.**, Steeds, J.W. On the relationship between string integrals and the appearance of CB and BC zone axis patterns 8-83681
- Fung, K.-Y.** *see* Seebass, R. 8-71359
- Fung, W.-Y.P.** *see* Edwards, D.M. 8-95427
- Fung, Y.-C.** *see* Matsuzaki, Y. 8-59490
- Fung, Y.T.**, Chan, Y.W., Wan, W.Y. Eigenvalues of the anharmonic oscillator 8-49698
- Funk, E.G.** *see* Fleissner, J.G. 8-66307
- Funk, U.** *see* Fitzer, E. 8-67780
- Funk, W.**, Kloss, H.-G. Determination of partial pressures in halogen metal vapor discharges from the maxima distance of self reversed spectral lines 8-67476
- Funke, H.** Possible detection of gravitational waves using correlation techniques 8-89393
- Funke, K.** AgI-type solid electrolytes 8-63877
- Funke, K.** *see* Kalus, J. 8-83999
- Funke, L.** *see* Dubbers, F. 8-78312
- Funke, L.** *see* Winter, G. 8-62552
- Funke, W.**, Haagen, H. Empirical or scientific approach to evaluate the corrosion protective performance of organic coatings 8-64764
- Funnell, J.** *see* Robert, W. 8-65036
- Funsten, H.O.**, Kossler, W.J., Lieb, B.J., Lind, V.G., Plendl, H.S., Stronach, C.E. Nuclear γ -rays produced by 200 MeV (π^+ , π^-) charge exchange in Cr and Ni 8-89912
- Funtikov, V.A.** *see* Baidakov, L.A. 8-88328
- Funtov, N.M.** *see* Krylov, K.I. 8-53122
- Funtova, I.I.** Some problems in the method and technique of dielectrography 8-57046
- Furaev, V.S.** *see* Ornatiskii, A.P. 8-83397
- Furdyna, J.K.** *see* Chen, K.K. 8-72183
- Furdyna, J.K.** *see* Sansonetti, J.E. 8-56175
- Furic, K.** *see* Colombo, L. 8-64356
- Furic, M.** *see* Bassalleck, B. 8-66322
- Furillo, F.T.**, Purushothaman, S., Tien, J.K. Further discussion on 'Understanding the Larson-Miller parameter' 8-76743
- Furkert, R.J.** *see* Smidt, R.E. 8-85557
- Furlani, C.** *see* Andreocci, M.V. 8-82781, 8-82782
- Furlong, K.P.**, Chapman, D.S. Roll cell mantle convection under the Pacific plate 8-73345
- Furlong, R.B.** *see* Ronca, L.B. 8-65523
- Furman, D.**, Griffiths, R.B. Global phase diagram for a Van der Waals model of a binary mixture 8-59928
- Furman, E.G.** *see* Vasil'ev, V.V. 8-82546
- Furman, M.A.** *see* Brower, R.C. 8-62338
- Furman, M.A.** *see* Chanowitz, M.S. 8-93838
- Furman, M.V.** *see* Roitburd, I.A. 8-76814
- Furman, R.Wm.** Time series analysis of daily maximum temperatures on a mountain slope 8-73457
- Furman, V.V.** *see* Savitskii, V.G. 8-60143
- Furmanska, B.** *see* Babecki, J. 8-62524
- Furmanski, W.** Large-P, jet production in QCD 8-86439
- Furieux, R.C.** *see* Thompson, G.E. 8-68843, 8-92390
- Furniss, I.**, Jennings, R.E., King, K.J. Observations of the far infrared spectrum of Jupiter 8-85891
- Furnrohr, P.** *see* Epperson, J.E. 8-91303
- Furosawa, T.** *see* Kishimoto, H. 8-62662
- Furrer, P.** *see* Hausch, G. 8-52824
- Fursa, A.D.** *see* Peresypkin, V.K. 8-54763
- Fursaev, A.V.**, Tartakovskii, V.K., Pasichnyi, A.A. On the effect of the structure of nuclei with filled 1p-shell on electron excitation of the low-lying levels 8-58265
- Furson, P.S.** *see* Ardran, G.M. 8-61259
- Fursey, G.N.** *see* Aksenov, M.S. 8-75459
- Fursey, G.N.** *see* Vorontsov-Veliaminov, P.N. 8-71533
- Fursov, G.L.** *see* Vishnyakov, V.A. 8-70655
- Fursov, N.D.** *see* Ivlev, A.I. 8-89421
- Furst, E.** *see* Hirth, W. 8-81572
- Furst, H.** Principle of digital linearization with microprocessors 8-77961
- Furst, M.** *see* Goldstein, J.L. 8-57014, 8-57015
- Furstenau, N.** A method for the study of correlated events in time-of-flight mass-spectrometry and its application to fission-fragment induced desorption 8-58089
- Furtak, T.E.**, Kliever, K.L. Low-energy photoemission from single-crystal silver faces 8-60548
- Furuhashi, A.** *see* An, S. 8-88742
- Furuhata, K.** *see* Takezoe, H. 8-75812
- Furuhata, Y.** Assessment and control of optical defects in strontium barium niobate 8-76595
- Furui, S.** Charged pion electroproduction on light nuclei near the threshold 8-66266
- Furui, S.**, Toyoda, A., Tsuchida, T. Nonleptonic hyperon decays and likelihood chiral structure of hadrons. II. The octet dominance and the Lee-Sugawara relation 8-74253
- Furuichi, S.** Nucleon-nucleon problem at intermediate energies 8-62428
- Furukawa, H.** Free energy of quenched binary alloys and the time evolution of their structure function 8-55937
- Furukawa, H.** Time evolution of quenched binary alloy at low temperatures 8-68670
- Furukawa, K.**, Take, K., Tsukamoto, C., Yoshizaki, O. After-polymerization of ϵ -caprolactam under reduced pressure 8-95929

- Furukawa, K.**, Yoshizaki, O. Dependence of the characteristics of polycaprolactam at equilibrium state on the polymerization conditions in closed system 8-95928
- Furukawa, K.** *see* Nakao, Y. 8-78490
- Furukawa, K.** *see* Ohno, H. 8-63660, 8-63661, 8-94961
- Furukawa, K.** *see* Okada, K. 8-83717
- Furukawa, T.** *see* Fukada, E. 8-64323
- Furukawa, T.** *see* Hagiwara, S. 8-77059
- Furukawa, Y.** *see* Kobayashi, T. 8-66830
- Furukawa, Y.** *see* Takahashi, S. 8-55373
- Furukawa, T.** Psychophysics as a method of measurement of biosystems 8-53591
- Furukoshi, M.** *see* Muraño, T. 8-52686
- Furuno, K.**, Katori, K., Aoki, T., Ooi, T., Sanada, J. Sequential decay in the $^{12}\text{C}+^{16}\text{O} \rightarrow ^{12}\text{C}+^{12}\text{C}+\alpha$ reaction 8-50189
- Furuno, K.** *see* Katori, K. 8-58299
- Furuse, T.**, Suzuki, T., Matsumoto, S., Nishida, K., Nannichi, Y. Insulating carbon coating on (AlGa)As DH laser facets 8-87049
- Furuse, T.** *see* Sakamoto, Y. 8-64565
- Furuta, H.**, Oguro, S., Kudo, T. Optical fiber connector 8-63177
- Furuta, H.** *see* Yamashita, M. 8-68900
- Furuta, O.** *see* Yamada, M. 8-57358
- Furuta, T.**, Kawasaki, S., Hashimoto, M., Otomo, T. Oxygen embrittlement for zircaloy cladding 8-89947
- Furuta, T.**, Tsujimoto, S., Toshiya, M., Okazaki, M., Toei, R. Concentration distribution of particles in solid-liquid two-phase flow through vertical pipe 8-87382
- Furutani, H.**, Horiuchi, H., Tamagaki, R. Structure of the second 0^+ state of ^4He 8-93947
- Furuya, K.**, Ishikawa, S., Suematsu, Y. An optimum refractive index profile of broadband multimode optical fibers 8-66932
- Furuya, K.**, Suematsu, Y. Random bend losses in single-mode optical-fiber cables: power-spectrum estimation from spectral losses 8-87143
- Furuya, K.**, Suematsu, Y., Hong, T. Reduction of resonancelike peak in direct modulation due to carrier diffusion in injection laser 8-74905
- Furuya, K.**, Suematsu, Y., Tokiwa, H. Coupling length due to random bending in multimode optical fibres 8-63195
- Furuya, K.** *see* Fleming, H. 8-86411
- Furuya, K.** *see* Ishikawa, S. 8-63183
- Furuya, K.** *see* Tokiwa, H. 8-66933
- Furuya, T.**, Nishi, H., Inada, T., Sakurai, T. Channelled-ion implantation of group-III and group-V ions into silicon 8-75682
- Furuya, T.** *see* Nishi, H. 8-51569, 8-51571
- Furuya, Y.** Variational principle in ablation of elastic solid 8-90698
- Furuya, Y.**, Nakamura, I., Yamada, H. On the characteristics of the two-dimensional diffusers with suction through parallel porous side walls 8-83492
- Furuyama, S.**, Fujii, H., Kawamura, M., Morimoto, T. Physiosorption of nitric oxide, carbon monoxide, nitrogen, and oxygen by magnesium oxide powder 8-84051
- Furuyama, S.**, Morimoto, T., Hirasawa, R. Heat of dissociation of nitric oxide adsorbed on magnesium oxide determined by the electron spin resonance technique 8-82755
- Furzer, I.A.** Modelling of mass transfer in plate columns with dual flow 8-51219
- Furzikov, N.P.** *see* Ambartzumian, R.V. 8-90245
- Fusaro, R.L.** Effect of atmosphere and temperature on wear, friction, and transfer of polyimide films 8-85003
- Fuschich, V.I.**, Nikitin, A.G. On the invariance groups of relativistic equations for the spinning particles interacting with external fields 8-49962
- Fusco, D.** On an asymptotic solution of Maxwell's equations in ferromagnetic media 8-78860
- Fusco-Femiano, R.**, Matteucci, F., Preite-Martinez, A. Numerical model for the evolution of a supernova remnant 8-93383
- Fuse, M.** *see* Fujiwara, T. 8-51868
- Fuselier, C.R.** *see* Gillis, N.S. 8-75946
- Fusfeld, R.D.** Instrument for quantitative analysis of the electromyogram 8-81041
- Fushchich, V.I.**, Onufrichuk, S.P. On groups of invariance for a certain class of countable systems of first-order partial differential equations 8-49635
- Fushimi, F.C.** *see* Seabaugh, P.W. 8-82445
- Fuss, I.**, McCarthy, I.E., Noble, C.J., Weigold, E. Factorized distorted-wave approximation for the $(e,2e)$ reaction on atoms: coplanar symmetric 8-55246
- Fuss, W.** *see* Kompa, K.L. 8-62865
- Fussganger, K.**, Matt, H.J. The state of the art in optical fibre communication. I 8-90512
- Fustero, F.X.**, Lapedra, R. Equivalence of the two formalisms of predictive relativistic mechanics 8-69982
- Futagami, K.** *see* Kitajima, K. 8-71760
- Futagami, M.**, Hamazaki, M. Influence of nitrogen heat-treatment on silicon surfaces 8-85016
- Futai, K.**, Nasu, S. Microstructures of sintered Li_2O pellets 8-72749
- Futamat, H.** *see* Suda, F. 8-92039
- Futami, Y.**, Toki, H., Weise, W. Role of the effective nucleon mass for pion condensation in nuclear matter 8-74323
- Futrell, J.H.** *see* Vestal, M.L. 8-66659, 8-66660
- Fuwa, K.** *see* Yamazaki, S. 8-69519
- Fuyuki, S.**, Hyakutake, N., Hayakawa, S. Thermally stimulated current of CdTe doped with Zn 8-56420
- Fuyuki, S.** *see* Hayakawa, S. 8-95230
- Fyfe, C.A.** *see* Boyd, R.K. 8-75601
- Fyfe, D.**, Montgomery, D. Statistical formulation of one-dimensional electron fluid turbulence 8-49751
- Fykin, L.E.** *see* Sarin, V.A. 8-67698
- Fymat, A.L.** High-resolution spectropolarimetry: a new atmospheric remote sensor 8-57469
- Fymat, A.L.** Analytical inversions in remote sensing of particle size distributions. I. Multispectral extinctions in the anomalous diffraction approximation 8-73508
- Fymat, A.L.** Analytical inversions in remote sensing of particle size distributions. II. Angular and spectral scattering in diffraction approximations 8-73509
- Fyson, J.R.**, Levenson, G.I.P. Development by aminophenols. III. Kinetic comparison with 1-phenyl-3-pyrazolidone 8-64825
- G., E.Bernal *see* Bernal G., E.
- Gaal, I.** *see* Kele, A. 8-92212
- Gaalema, S.D.** *see* Carpenter, D.G. 8-53792
- Gaarde, C.** *see* Fernandez, B. 8-94043
- Gaarenstroom, P.D.**, English, J.C., Perone, S.P., Bixler, J.W. Computer-controlled interference correction for ion-selective electrode measurements in a flowing system 8-92527
- Gaballah, I.**, El Raghy, S., Gleitzer, C. Oxidation kinetics of fayalite and growth of hematite whiskers 8-84113
- Gabarczyk, J.**, Sterzynski, T. Influence of processing parameters on the thermal properties and crystal structure of PTFE 8-63679
- Gabathuler, K.** *see* Pedroni, E. 8-66321
- Gabathuler, K.** *see* Preadom, B.M. 8-70571
- Gabay, M.**, Garel, T. Renormalization along the chemical sequence of a single polymer chain 8-50669
- Gabay, S.** *see* Tenenbaum, J. 8-66806, 8-82955
- Gabbay, M.**, Esnouf, C., Fantozzi, G. Recovery of internal friction in MgO single crystal plastically deformed at room temperature 8-80577
- Gabbe, D.** *see* Griffin, J.A. 8-68484
- Gabbe, D.** *see* Weber, M.J. 8-72542
- Gabbi, P.** *see* Ascoli, R. 8-62095
- Gabe, D.R.** *see* Walsh, F.C. 8-88436
- Gabe, E.J.** *see* Le Page, Y. 8-75494
- Gabe, E.J.** *see* Wang, Y. 8-75626
- Gabe, E.J.** *see* Yu Wang 8-63709, 8-63710
- Gabel, M.B.K.**, Bethke, J.J. Coatings for fretting prevention 8-64721
- Gabelica, Z.** Reexamination of the infrared spectra of complex thiosulfates of the type $\text{Na}_2(\text{M}^{\text{II}}(\text{NH}_3)_4)(\text{M}'\text{S}_2\text{O}_3)_2 \cdot \text{L}$ ($\text{M}^{\text{II}}=\text{Cu}, \text{Ni}; \text{M}'=\text{Cu}, \text{Ag}; \text{L}=\text{H}_2\text{O}, \text{NH}_3$) 8-52477
- Gabelica, Z.** The 20°C isotherms of the ternary systems $\text{MgS}_2\text{O}_3\text{-M}_2\text{S}_2\text{O}_3$ ($\text{M}'=\text{Na}, \text{K}, \text{NH}_4$) H_2O and study of double salts 8-52506
- Gabelova, N.A.** *see* Sharf, V.G. 8-68979
- Gaber, B.P.**, Yager, P., Peticolas, W.L. Deuterated phospholipids as nonperturbing components for Raman studies of biomembranes 8-53330
- Gaberscek, S.** *see* Kolar, D. 8-83794
- Gabetta, G.** *see* Pellegrini, G. 8-72771
- Gabibov, S.A.** *see* Aravov, G.T. 8-77465
- Gabillard, R.** *see* Cauterman, M. 8-57365
- Gabillard, R.** *see* Dubus, J.P. 8-96306
- Gabioud, B.** *see* Alder, J.C. 8-62576
- Gabla, L.** *see* Brozdowska-Warczak, B. 8-72612
- Gabor, T.** *see* Dierrsen, G.H. 8-64449
- Gaboriaud, R.J.**, Boisson, M. Plasticity of yttrium sesquioxide (Y_2O_3) by microhardness testing 8-56713
- Gaboriaud, R.J.**, Denanot, M.F., Boisson, M., Grille, J. Study of dislocations by electron microscopy of monocrystalline yttrium oxide (Y_2O_3) plastically deformed 8-51545
- Gabovich, A.M.**, Il'chenko, L.G., Pashitskii, E.A., Romanov, Yu.A. Charge screening and Friedel oscillations of the electron density of metals with Fermi surfaces of various shape 8-79951
- Gabovich, A.M.**, Pashitskii, E.A., Shpigel', A.S. Exceeding the paramagnetic limit in superconductors with a dielectric gap in the Fermi surface 8-95402
- Gabovich, M.D.**, Goncharov, A.A., Protosenko, I.M., Kharitonov, S.V. Dynamics of the ion beam in a plasma system with current 8-75377
- Gabovich, M.D.**, Kovalenko, V.P., Metallov, O.A., Nazarenko, O.K., Pats'ora, S.K. Effect of self-electric and magnetic fields in a gas-neutralized self-focused electron beam 8-50692
- Gabre, A.S.** *see* El Nagar, N.M. 8-91174
- Gabriel, A.**, Dauvergne, F., Rosenbaum, G. Linear, circular and two dimensional position sensitive detectors 8-62281
- Gabriel, A.H.** The upper chromosphere and corona. Observations and interpretation 8-81604
- Gabriel, G.J.**, Buckhart, J.A. Potential damage to DC superconducting magnets due to high frequency electromagnetic waves 8-50371
- Gabriel, K.R.**, Neumann, J. A note of explanation on the 1961-67 Israeli rainfall stimulation experiment 8-92926
- Gabriel, M.** Unsuspected variations in solar activity 8-73695
- Gabriel, T.A.**, Bishop, B.L. Calculated hadronic transmission through iron absorbers 8-90041
- Gabriel, T.A.** *see* Alsmiller, R.G., Jr. 8-94144
- Gabriel, T.A.** *see* Barnes, J.M. 8-82512
- Gabriel, W.** *see* Ackermann, H. 8-66126
- Gabriel, W.** *see* Berger, Ch. 8-62412
- Gabrielli, C.**, Ksouri, M., Wiart, R. Electrocrystallization noise: a phenomenological model 8-51845
- Gabrielli, C.** *see* Blanc, G. 8-67916
- Gabrielli, I.** *see* Calvelli, G. 8-74380
- Gabrielyan, A.G.** *see* Akhmedov, Sh.A. 8-96265
- Gabrielyan, K.T.** *see* Chukhovskii, F.N. 8-79492
- Gabrielyan, R.G.**, Kocharyan, L.A., Mkrtchyan, A.R. Mossbauer spectroscopic study of ultrasonic anharmonicity 8-52411
- Gabry, A.**, Faucheron, G., Dubouis, B., Petit, P. Distant comparison of stable frequency standards by means of the transmission of a beat note between the carrier of a TV broadcast signal and a frequency synthesized from the frequency standards 8-57909
- Gabrys, H.** The application of the interference microscopy for the refractive index determination of the cell wall and cytoplasm in plant cells 8-57151
- Gabuda, S.P.**, Zemskov, S.V., Mit'kin, V.N., Obmoin, B.I. Crystal-chemical characteristics of gold(III) fluorides from ^{19}F NMR data 8-87645
- Gabuda, S.P.** *see* Varnek, V.A. 8-88236
- Gac, K.**, Gacek, A., Kaliski, S., Sarzynski, A. Kinetics of compression-induced fusion chain reaction 8-50297
- Gacek, A.** *see* Gac, K. 8-50297
- Gachechiladze, R.G.**, Khantadze, A.G. Disturbances in the ionospheric F region produced by internal gravity waves 8-73565
- Gachechiladze, R.G.** *see* Khantadze, A.G. 8-73564
- Gachkovsky, V.F.** On 'the red shift' in the spectra of chlorophyll in plant leaves 8-61144
- Gachkovsky, V.F.**, Shajdurova, N.K., Virnik, R.B. Migration of excitation energy in cellulose-PAN copolymer 8-64401
- Gacon, J.C.**, Grenet, G., Souillat, J.C., Kibler, M. Experimental and calculated energy levels of $\text{Sm}^{2+}:\text{BaClF}$ 8-84631
- Gacs, I.**, Dombi, S. Automatic sample preparation of ^{35}S labelled organic compounds for liquid scintillation counting 8-70688
- Gaczi, P.J.** *see* Fritzsche, H. 8-72063
- Gaczynski, M.** *see* Bartkowiak, J. 8-85346
- Gadermann, E.** *see* Brandelik, R. 8-62416
- Gadian, A.M.** A tephigram for Mars 8-73671
- Gadioli, E.**, Erba, E.G., Moroni, A. Pion induced fission 8-94042
- Gadioli, E.**, Gadioli Erba, E., Tagliaferri, G. Reply to 'comments on alternate formulations for preequilibrium decay' 8-78354
- Gadioli, E.**, Gadioli-Erba, E., Tagliaferri, G. Volume integral of particle-particle collision probability in nuclear matter 8-70477
- Gadioli, E.** *see* Hogan, J.J. 8-74356, 8-93958
- Gadioli Erba, E.** *see* Gadioli, E. 8-78354
- Gadioli Erba, E.** *see* Hogan, J.J. 8-93958
- Gadioli-Erba, E.** *see* Gadioli, E. 8-70477
- Gadiyak, G.V.** Calculation of a semivacancy and a pair of semivacancies in silicon by the CNDO/2 method 8-51537
- Gadjeva, T.** *see* Amov, B.G. 8-81115
- Gado, J.** Modification of the resonance treatment in multigroup neutron slowing-down codes 8-82412
- Gado, J.**, Zsoldos, J. The pin-cell burnup code BETTY 8-89946
- Gadomski, A.** *see* Blenski, T. 8-50238

- Gadre, S.R.**, Narasimhan, P.T. Empirical correlation between energy and Compton profile in isoelectronic series 8-78758
- Gadsden, M.** The sizes of particles in noctilucent clouds: implications for mesospheric water vapor 8-57248
- Gadzhiev, A.M.** see Vazina, A.A. 8-65155
- Gadzhiev, A.Z.**, Kirillov, S.A., Martovitskii, V.I., Yangieva, N.S. The effect of temperature on parameters of IR absorption bands of dipole molecules in solutions 8-90228
- Gadzhieva, S.I.** see Azimov, S.A. 8-54655
- Gadzhieva, S.I.** see Boos, E.G. 8-62530
- Gadzuk, J.W.** Many-body effects in photoemission 8-95667
- Gadzuk, J.W.** see Wacławski, B.J. 8-80457
- Gaebler, W.**, Jacobi, K., Ranke, W. The structure and electronic properties of thin palladium films on zinc oxide studied by AES and UPS 8-76168
- Gaedeke, R.** see Pilchowski, K. 8-64828
- Gaemers, K.J.F.**, Gounaris, G.J. Bremsstrahlung production of Higgs bosons in e^+e^- collisions 8-86449
- Gaertner, R.** Solution of elastic contact problems with friction using suitable nodal parameters 8-63401
- Gaerttner, M.R.** see Jaklevic, R.C. 8-90251
- Gaeta, A.A.** see Gasparini, F.M. 8-51782
- Gaeta, F.S.**, Mita, D.G. Non-isothermal mass transport in porous media 8-76916
- Gaevskaya, L.A.** see Paderno, V.N. 8-60880
- Gaffey, J.D., Jr.** see Wu, C.S. 8-83542
- Gaffey, M.J.**, McCord, T.B. Mining the asteroids 8-61786
- Gaffey, M.J.**, McCord, T.B. Asteroid surface materials: mineralogical characterizations from reflectance spectra 8-69736
- Gaffney, B.J.** see Chen, S.-C. 8-69004
- Gaft, M.L.** see Gorobets, B.S. 8-84654
- Gafurov, A.M.** see Sobirov, O.Yu. 8-90530
- Gagarin, A.P.**, Glebov, L.B., Dokuchaev, V.G. Darkening of silicate glass on exposure to radiation emitted by an erosion laser plasma 8-52598
- Gagarin, A.P.**, Ivanova, I.N., Libenson, M.N., Pudkov, S.D. Reflection properties of a metal in intense light 8-52596
- Gagarin, S.G.** see Abronin, I.A. 8-82638
- Gage, G.** see Edwards, B.C. 8-60814
- Gagern, Ch.von** see von Gagnern, Ch.
- Gaggeler, H.** see Schadel, M. 8-78408
- Gagliardelli, P.** see De Luca, F. 8-60160
- Gagliardi, C.A.** see Freedman, S.J. 8-78304
- Gagliardi, R.**, Vilnrotter, V. Optimal focal plane processing for scattering optical fields 8-78935
- Gagne, J.M.**, Mongeau, B., Leblanc, B., Saint-Dizier, J.P., Pianarosa, P., Bertrand, L. Production of uranium vapour by cathodic pulverisation in a hollow cathode: relative efficiencies of the gases Ne, Ar, Kr, and concentration of the $^2\text{L}^0$ state 8-86967
- Gagne, R.J.** see Shoucri, M.M. 8-75362
- Gagne, R.R.J.** see Shoucri, M.M. 8-67310, 8-71469, 8-87443, 8-91181
- Gagnepain, J.** see Broche, P. 8-57388
- Gagnon, W.L.**, Rupert, P.R., Berkbiger, L., Carder, B.M., Gritton, D.G., Holloway, R.W., Howland, M.M., Whitham, K. A 25 megajoule energy storage and delivery system for the Shiva laser 8-55015
- Gagnon, W.L.**, Rupert, P.R., Berkbiger, L., Carder, B.M., Gritton, D.G., Holloway, R.W., Howland, M.M., Whitham, K. A 25 megajoule energy storage and delivery system for the Shiva laser 8-59038
- Gagnon, W.L.** see Bradley, L.P. 8-66854
- Gagnon, W.L.** see Rupert, P.R. 8-54935
- Gago, J.** see Corden, M.J. 8-62470
- Gagosian, R.B.** see Hammer, P.M. 8-88847
- Gagosz, R.M.** see Erf, R.K. 8-60977
- Gagov, V.** see Dimitrov, G. 8-67387
- Gagua, A.V.**, Malenkov, G.G., Timofeev, V.P. Hydrogen bond contribution to the isotropic hyperfine splitting constant of a nitroxide free radical 8-74799
- Gagulin, V.V.**, Fadeeva, N.V., Belous, A.G., Titov, A.V., Soloviev, S.P., Venetsev, Yu.N., Mitrofanov, K.P., Plotnikova, M.V. New siegette-magnets with hexagonal barium titanate structure 8-76397
- Gahde, J.** see Richter, K. 8-84992
- Gahler, K.**, Fuchs, H. Safety of nuclear power stations. III. Structural protection measures 8-94118
- Gahn, G.**, Sandqvist, A. Information project Universum 8-86048
- Gahr, K.-H.** Zum see Zum Gahr, K.-H.
- Gahr, K.H.** Zum see Zum Gahr, K.H.
- Gai, A.P.** see Semenov, N.N. 8-84758
- Gai, M.** see Jachinski, C.M. 8-66310
- Gai, S.L.** A note on the low speed flow up a step 8-79303
- Gaibar-Puertas, C.** A new idea on residual gravimetric anomalies linked with geological outcrops. Application of the gravimeter net method of Woollard and Malahoff in Spain 8-88781
- Gaididei, Yu.B.**, Loktev, V.M. Critical behaviour of the exciton relaxation constants in magnetic crystals 8-84442
- Gaiduchenko, A.K.**, Zhorniyak, A.F., Krivenko, A.N., Radomysel'skii, I.D., Sakalova, N.P. Stabilization of structure and properties in iron-graphite and iron-copper-graphite parts sintered in the Brovary powder metallurgy factory furnace with control of the carbon potential of protective atmosphere 8-60614
- Gaiduchenko, A.K.** see Syrovat'skii, E.F. 8-60597
- Gaiduchenya, V.F.**, Madyanov, S.A., Apaev, B.A., Kirillov, Yu.V., Sokolov, L.D. The resistance to small plastic deformation by high carbon chromium steel 8-56698
- Gaidukov, Yu.P.**, Danilova, N.P., Shcherbina-Samoilova, M.B. Hardness and electrical properties of bismuth whiskers 8-51874
- Gaidukov, Yu.P.**, Golyamina, E.M. Quantum oscillations of the magnetoresistance in thin antimony plates 8-60145
- Gaigalas, A.K.** see Castaneda, C.M. 8-86545
- Gailis, A.K.**, Kolesnikov, V.A., Silinsh, E.A. Laser-induced nonlinear optical effects of higher-order harmonic generation in molecular crystals 8-55412
- Gailis, A.K.**, Kolesnikov, V.A., Silinsh, E.A. Photogeneration and charge carrier transport phenomena in tetracene and pentacene thin layers 8-56181
- Gailitis, M.** The angular dependence of electron scattering by excited hydrogen atoms 8-50638
- Gaillard, J.**, Gloux, P. ENDOR study of Cr^{5+} in the antiferroelectric $\text{NH}_4\text{H}_2\text{AsO}_4$ 8-88224
- Gaillard, J.M.** The neutral kaon system 8-78173
- Gaillard, J.M.**, Gaillard, M.K. Non-leptonic interactions 8-78163
- Gaillard, J.M.**, Gaillard, M.K., Vannucci, F. Semi-leptonic interactions 8-78162
- Gaillard, M.J.**, Gemmell, D.S., Goldring, G., Levine, I., Pietsch, W.J., Poizat, J.C., Ratkowski, A.J., Remillieux, J., Vager, Z., Zabransky, B.J. Experimental determination of the structure of H_3^+ 8-74752
- Gaillard, M.J.**, Poizat, J.C., Remillieux, J. Observation of MeV dissociative H_3^+ ions emerging from very thin foils 8-70920
- Gaillard, M.K.** The Higgs particle 8-74200
- Gaillard, M.K.** see Baulieu, L. 8-82226
- Gaillard, M.K.** see Buras, A.J. 8-54598
- Gaillard, M.K.** see de Rujula, A. 8-74267
- Gaillard, M.K.** see Ellis, J. 8-50003
- Gaillard, M.K.** see Gaillard, J.M. 8-78162, 8-78163
- Gaillard, M.K.**, Nikolic, M. (editor) Weak interactions 8-78160
- Gaillard, M.L.** see Beguin-Renier, F. 8-78650
- Gaillard, M.L.** see Dufay, M. 8-86975
- Gaillard, P.J.** see Nijweide, P.J. 8-65089
- Gaillard, Y.** see Buendia, M. 8-62564
- Gaillard-Cusin, F.** see Marteau, C. 8-85148, 8-85149
- Gailloud, M.** see Jayet, B. 8-74270, 8-74271
- Gaily, T.D.** see Billen, K.T. 8-78787
- Gainer, J.L.**, Ludlow, J.C. Synthetic and biological membranes: Common phenomena 8-77030
- Gaines, E.E.** see Imhof, W.L. 8-93040
- Gaines, G.L., Jr.** The thermodynamic equation of state for insoluble monolayers. I. Uncharged films 8-85195
- Gaines, J.R.**, Mukherjee, A., Yan-Chi Shi Single-crystal NMR spectra of solid H_2 containing very low ortho- H_2 concentrations 8-79855
- Gaines, J.R.**, Shi, Y.C., Constable, J.H. Relaxation of ortho- H_2 molecules in solid para- H_2 8-52374
- Gaines, J.R.** see Constable, J.H. 8-56394
- Gaines, J.R.** see Mukherjee, A. 8-56384
- Gainutdinov, I.S.** see Markov, Yu.N. 8-83096
- Gainutdinova, R.D.** see Karimov, K.A. 8-96333
- Gairaud, H.**, Jacquot, G., Aubertin, F., Beuzart, P. The Jan Mayen Ridge synthesis of geological knowledge and new data 8-96184
- Gaisanyuk, A.V.**, Kugel, K.I., Petrov, V.A., Sokolov, V.V. Resistivity of the ZrC-C system: An example of percolation behaviour 8-84269
- Gaisenk, V.A.**, Zkolnerevich, I.I., Sarzhevskii, A.M. The role of diffusion rotation of molecules during absorption from excited states 8-74641
- Gaisin, F.M.** see Bedret'dinov, Z.M. 8-51370
- Gaisin, N.K.**, Khusainov, Kh.Z. Rotational motion of the molecules in liquid acetone 8-88209
- Gaisin, N.K.** see Arkhipov, V.P. 8-58002
- Gaiskii, V.A.**, Kalinina, E.I. On quantification of random hydrophysical processes 8-77359
- Gaiskii, V.A.**, Kalinina, E.I., Paevskii, A.V. Efficiency of the application of the code delta-modulation for compression of standard hydrophysical information 8-65432
- Gait, P.D.**, Berry, R.S. Anomalous emission from atomic lines of sodium and rubidium in shock-heated salt vapors 8-63089
- Gaitandzhiev, I.M.** see Mateev, V.P. 8-88552
- Gaitandzhiev, L.Z.** see Zakhariev, V.I. 8-81272
- Gajdidei, Ju.B.**, Loktev, V.M. On the theory of elementary excitations of alpha-oxygen 8-76317
- Gajewski, H.**, Wallis, G., Kacharias, K. Ion-acoustic densiton emission during Langmuir soliton formation 8-75328
- Gajewski, H.** see Carl, P. 8-71455
- Gajewski, M.** Viscoelastic properties of unsaturated elastomers crosslinked with sulphur and alkylsilanes in the presence of active silica 8-79231
- Gajewski, W.** see Badelek, B. 8-90011
- Gakel', V.R.**, Kostromin, A.S. Miniature electromagnet cooled by liquid nitrogen 8-74036
- Gal, A.**, Soper, J.M., Dalitz, R.H. A shell-model analysis of A binding energies for the p-shell hypernuclei. III. Further analysis and predictions 8-78300
- Gal, A.** see Dalitz, R.H. 8-62501
- Gal, A.** see Epstein, G.N. 8-70572
- Gal, A.** see Freidman, E. 8-90325
- Gal, J.** see Jove, J. 8-88231
- Gal, M.** Temperature-modulated photoluminescence of GaP:N 8-88355
- Gal, M.** Determination of optical absorption of indirect $\text{GaAs}_{1-x}\text{P}_x$ from photoluminescence measurement 8-92134
- Gal, M.** Temperature-modulated photoluminescence induced by photoexcitation in semiconductors 8-95605
- Gal, S.** A stochastic search game 8-77689
- Gal-Ezer, J.** see Abramovici, F. 8-92784
- Galach'ev, N.G.** see Ignat'ev, P.P. 8-69625
- Galagovets, I.V.** see Salo, L.A. 8-72572
- Galaike, V.P.**, Glushchuk, N.I., Shumeiko, V.S. Oscillations of electric charge density in superconductors with magnetic impurities 8-56255
- Galakhov, F.Ya.**, Aver'yanov, V.I., Vavilova, V.T., Areshev, M.P. The metastable liquid-phase separation region in the $\text{MgO-Al}_2\text{O}_3\text{-SiO}_2$ system 8-88451
- Galakhov, F.Ya.** see Alekseeva, Z.D. 8-88450
- Galakhova, O.P.** see Rozhdstvenskaya, T.B. 8-93734
- Galaktionov, A.D.** see Shtin, A.P. 8-67653
- Galaly, I.** see El Naschie, M.S. 8-83273
- Galani, N.** see Homentcovschi, D. 8-55758
- Galan, P.**, Hrabovcova, A., Nikodemova, D., Hermanska, J., Kralik, M., Spurny, F., Turek, K., Prouza, Z., Singer, J., Trousil, J., Solnicka, H. Czechoslovak intercomparison of neutron dosimetry methods for accidental exposures 8-57075
- Galan, P.** see Prouza, Z. 8-62664
- Galanin, M.D.**, Chizhikova, Z.A. Determination of the intensity of two-photon-excited luminescence as a method of determination of the duration of picosecond laser pulses 8-71134
- Galanov, E.K.**, Potikhonov, G.N. Magneto-optic dichroism due to free carriers in semiconductors 8-56462
- Galanov, Yu.I.** see Annenkov, Yu.M. 8-76513
- Galanski, V.L.**, Troyan, P.Ye., Yankelevich, Yu.B. On the nature of the electrical forming of a thin-film cold cathode 8-76160
- Galant, E.I.**, Gorovaya, B.S., Demskaya, E.L., Kondrat'ev, Yu.N., Golubovskaya, M.P., Przhnevskii, A.K., Prokhorova, T.I., Tolstoi, M.I. The spectroscopic and luminescent properties of high-silica glasses containing neodymium 8-88364
- Galant, R.I.** see Arbutov, V.I. 8-68558
- Galassini, S.** see Rizzo, A. 8-72158
- Galatry, L.** see Boulet, C. 8-90222
- Galaup, J.P.**, Megel, J., Trommsdorff, H.P. Electric and magnetic field spectra of the $T_1 \leftarrow S_0$ transition in crystalline 1,4-naphthoquinone 8-88322
- Galazka, R.R.** see Jaczynski, M. 8-76093
- Galbraith, H.W.** $\text{SU}(2s+1) \times \xi$ and spin statistical weights for tetrahedral XY_4 , trigonal bipyramidal XY_5 , and octahedral XY_6 8-50463
- Galbraith, H.W.** Single-photon transition moments in excited states of spherical-top molecules 8-94291
- Galbraith, H.W.**, Ackerhalt, J.R. Calculation of the temperature dependence of the multiphoton absorption spectrum of SF_6 8-86927
- Galbraith, H.W.**, Ackerhalt, J.R. Comparison of multiple-photon excitation models 8-94297
- Galbraith, H.W.** see Ackerhalt, J.R. 8-86845, 8-90161
- Galbraith, H.W.** see McDowell, R.S. 8-70837, 8-90162
- Gal'chinskii, L.P.** see Koshkin, V.M. 8-78559, 8-86743
- Gal'chuk, A.V.** see Basargin, Yu.G. 8-66439
- Galdos, J.** see Berrocal, J. 8-96248
- Gale, J.G.** see Williams, T.P. 8-61181

- Gale, M.T., Kane, J., Knop, K.** ZOD images: embossable surface-relief structures for color and black-and-white reproduction 8-65990
- Gale, S.J., Heine, V., Pettifor, D.G., Roy, D.M., de Valleria, A.M.B.G.** Temperature dependence of the lattice vibrations in BCC iron 8-95124
- Galechian, G.A., Grigorian, Y.I., Petrosian, S.I.** The perturbation of the gas discharge by the longitudinal turbulent flow: hydrodynamic contraction 8-67510
- Galeczki, G., Hirsch, A.A.** Gamma phase dispersions in Fe-Ni alloys below the critical concentration 8-52399
- Galeczki, G., Hirsch, A.A.** Hyperfine fields and spin densities in magnetite below 20K 8-52405
- Galeener, F.L.** Raman studies of the tetrahedral glasses SiO₂ and GeO₂ 8-71823
- Galeener, F.L., Sen, P.N.** Theory for the first-order vibrational spectra of disordered solids 8-51635
- Galeev, A.A.** Stationary magnetic field line reconnection in a tearing-unstable plasma slab 8-83545
- Galeev, A.A., Coroniti, F.V.** Explosive tearing mode reconnection in the magnetospheric tail 8-88992
- Galejs, A., Kuyatt, C.E.** Focusing and dispersing properties of astigmatic crossed-field energy analyzer 8-74832
- Galeotti, P.** see Castagnoli, C. 8-77567
- Galerkin, L.I., Domanov, M.M.** Changes in radioactivity and salinity with advection of water masses 8-77275
- Galerne, Y.** Optical tilt angle measurements at a second order A to C phase transition 8-95141
- Galerne, Y.** Simple mean field model at a smectic A to C phase transition 8-95142
- Galershtein, D.M.** see Tamarin, A.I. 8-59476
- Gales, S., Crawley, G.M., Weber, D., Zwieglin-ski, B.** Observation of the T₂=45°, components of deep hole states in ²⁰⁷Pb via the (³He,α) reaction at 70 MeV 8-82362
- Gales, S.** see Fortier, S. 8-89797
- Gales, S.** see Heyde, K. 8-78343
- Gales, S.** see Schapira, J.P. 8-70505
- Galeski, A.** see Kapur, S. 8-76757
- Galeskii, F., Yunovich, A.E., Herrmann, K.H., Kostial, H., Rechenberg, I., Schafer, P.** Stimulated emission, absorption spectra, and recombination in epitaxial PbTe 8-80409
- Galetti, D., de Toledo Piza, A.F.R.** Numerical treatment of the Griffin-Hill-Wheeler equation 8-50105
- Galewski, J.M.** see Copigneaux, P. 8-55659
- Galgani, L.** see Carotta, M.C. 8-54307
- Galgani, L.** see Giorgilli, A. 8-89047
- Galich, G.A.** see Anokhov, S.P. 8-66851
- Galich, N.E.** Two-dimensional problem for a nematic liquid crystal in a constant electric (magnetic) field 8-79530
- Galich, N.E.** Determination of two-dimensional dielectric constant in an isotropic dielectric 8-80276
- Galiev, A.L.** see Rykalin, N.N. 8-59632
- Galiev, A.L.** see Uglov, A.A. 8-94925
- Galiev, Sh.U.** Model of cavitating fluid 8-55668
- Galiev, Sh.U.** A method of the deformable coordinates in the problem of fluid interaction with obstacles 8-65776
- Galiev, Sh.U.** see Pisarenko, G.S. 8-65777
- Galigne, J.L.** see Durand, J. 8-51501
- Galimardanov, M.M.** see Nazmeev, Yu.G. 8-59485
- Galimzyanov, R.M., Isaev, V.P., Musakhanov, M.M.** On the role of spin-isospin effects in the π^0 He scattering in the domain of the $\Delta(1236)$ resonance 8-78423
- Galin, J., Guereau, D., Babinet, R.** Some aspects of light particle emission accompanying collisions between heavy ions 8-50191
- Galin, M.B.** The twelve-component model of the general circulation of the atmosphere 8-96263
- Galin, N.M., Esin, V.M.** Calculation of heat transfer to a turbulent flow in circular and annular pipes with consideration of the temperature dependence of the thermophysical properties of the coolant 8-94821
- Gallitseyskiy, B.M., Ryzhov, Yu.A.** Heat transfer in turbulent gas flows in the case of high-frequency pressure fluctuations 8-83487
- Gallitskaya, I.I.** see Andrikanis, L.I. 8-74106
- Galljautdinov, M.F.** see Khaibullin, I.B. 8-67732
- Galljee, F.W.B.M.** see van der Molen, S.B. 8-94529
- Galk'evich, E.P.** see Neodostup, V.I. 8-67297
- Galkin, A.A., Boboshko, V.S.** Commutation of solids under hydrostatic pressure 8-52702
- Galkin, A.A., Chernyi, Yu.F., Mikhailenko, G.P., Gontarevskaya, N.S., Ognetova, Zh.N.** Treatment of hard-alloy powder compacts under high hydrostatic pressure 8-56596
- Galkin, A.A., Dulin, M.A., Zaitsev, V.I., Lyafar, E.I., Tokii, V.V.** Dislocation mobility in crystals at high hydrostatic pressure 8-55869
- Galkin, A.A., Grinberg, O.Ya., Dubinskii, A.A., Kabbid, N.N., Krymov, V.N., Kurochkin, V.I., Lebedev, Ya.S., Oranskii, L.F., Shuvalov, V.F.** EPR spectrometer in 2-mm range for chemical research 8-86311
- Galkin, A.A., Grinev, G.G., Kurochkin, V.I., Nemchenko, E.D.** 2-mm-band resonant radio flux detector for low-temperature investigations 8-53115
- Galkin, A.A., Kozhukhar, A.Yu., Lumin, S.N., Tsintsadze, G.A.** Study of ESR spectra at low temperatures and high pressures 8-52339
- Galkin, A.A., Tsybmal, L.T., Butenko, T.F., Cherkasov, A.N., Grishin, A.M.** Alternating-sign Hall effect and dopplerson spectrum in tungsten 8-79981
- Galkin, A.A., Zavadskii, E.A., Smirnov, V.M., Val'kov, V.I.** Effect of magnetic field on the P-T diagrams of the magnetically ordered transition-metal alloys 8-52246
- Galkin, A.I.** see Aref'ev, K.M. 8-79403
- Galkin, G.N.** see Epifanov, M.S. 8-84657
- Galkin, O.G.** see Korolev, M.V. 8-59221
- Galkin, O.G.** see Shnyrev, P.D. 8-73003
- Galkina, E.G.** see Val'kov, V.I. 8-88143
- Galkina, T.S.** Close binary systems of early spectral type as the counterparts of X-ray sources. I. The spectroscopic observations of X Persei=2U 0352+30 8-65655
- Galkowski, A., Kaliski, S., Swierczynski, R.** Profiled explosion-induced compression of uranium 8-50296
- Gall, G.** see Marffy, F. 8-59755
- Gall, H.Le.** see Le Gall, H.
- Gall, L.N.** Extraction of ions from the source in a mass spectrometer 8-70226
- Gallagher, A.** see Lam, L.K. 8-66581
- Gallagher, A.** see Rothwell, H.L. 8-82957
- Gallagher, A.** see Van Brunt, R.J. 8-58831
- Gallagher, A.** see West, W.P. 8-66497, 8-66596
- Gallagher, A.C.** see Chen, S.T. 8-55244
- Gallagher, A.C.** see Lam, L.K. 8-66638
- Gallagher, A.C.** see Shuker, R. 8-63088
- Gallagher, D.A., Klein, M.V.** Raman spectra from the internal vibrations of NH₄⁺ ions in NH₄AgI₃ 8-72497
- Gallagher, D.A.** see Crawford, R.K. 8-84580
- Gallagher, J.J.** see Smith, W.M. 8-81060
- Gallagher, J.P.** see Grandt, A.F. 8-68859
- Gallagher, J.S.** Possible optical evidence for ram-pressure-sweeping in the Hydra I cluster of galaxies 8-93429
- Gallagher, J.S.** see Haar, L. 8-93636
- Gallagher, J.S.** see Moldover, M.R. 8-67819
- Gallagher, R.H.** see Mang, H.A. 8-89315
- Gallagher, T.F., Cooke, W.E., Edelstein, S.A.** Collisional angular momentum mixing of f states of Na 8-58780
- Gallagher, T.F.** see Cooke, W.E. 8-58856
- Gallagher, T.F.** see Edelstein, S.A. 8-63097
- Gallagher, T.J.** see Bodegom, E. 8-91248
- Gallaher, T.N.** see Leung, K.N. 8-55080
- Gallan, C.G., Jr., Dashen, R., Gross, D.J.** Toward a theory of the strong interactions 8-70332
- Gallardo, F.S., Puigcerver, M., Alonso, S.** The energy budget of the western Mediterranean: a preliminary assessment 8-88846
- Gallas, J.A.C., Grieneisen, H.P., Chakraborty, B.P.** Band strengths factors with asymptotic expansion for Morse-Pekeris oscillators 8-78755
- Gallavotti, G.** see Benfatto, G. 8-49952
- Gallego-Lluesma, E.** see Verbe, J.L. 8-56478
- Galles, C.D.** Commutators for integer spin fields in the Landau gauge 8-93807
- Gallet, G.** see Amzallag, C. 8-68776
- Galley, W.C.** see Milton, J.G. 8-76514
- Galli, G.** see Davies, J.E. 8-68638
- Galli, M.** see Attolini, M.R. 8-85777
- Galligan, J.M., Garosshen, T.** On the nucleation of the martensite transformation 8-80547
- Galligan, J.M.** see Young-Won Kim 8-51586
- Galligani, I.** see Doti, D. 8-57116
- Gallimore, R.** see Elselder, A. 8-64681
- Gallinar, J.-P.** On the optical conductivity in a strongly attractive Hubbard model chain 8-79915
- Gallinaro, G., Roba, G., Tatarek, R.** Molecular beam detection by fast superconducting bolometers 8-86383
- Gallinger, Yu.L.** see Pantiyev, Yu.M. 8-69178
- Gallio, M.** see Bonazzola, G.C. 8-74402
- Gallmann, A.** see Coffin, J.P. 8-66311
- Gallmann, A.** see Oeschler, H. 8-82382
- Gallmann, A.** see Wilkinson, D.H. 8-82318
- Gallo, M., Winkler, J.** Microprocessors in balances: Real time and step computation in string balances 8-57936
- Gallone, S.** A Gaussian-type quadrature formula and its applications to boundary and interface problems in neutron transport theory 8-86565
- Gallot, J.** see Sarrau, J.-M. 8-86389
- Galloway, D.J.** Axisymmetric convection with a magnetic field 8-89165
- Galloway, D.J.** The origin of running penumbral waves 8-93188
- Galloway, D.J., Proctor, M.R.E., Weiss, N.O.** Magnetic flux ropes and convection 8-71399
- Galloway, J.N., Likens, G.E.** The collection of precipitation for chemical analysis 8-57368
- Galloway, K.F., Mayo, S.** Radiation dose at the silicon-sapphire interface due to electron-beam aluminization 8-68089
- Galloway, N.B., Dalton, L.R.** Approximate methods for the fast computation of EPR and ST-EPR spectra. I. A perturbation approach 8-62212
- Galloway, N.B., Dalton, L.R.** Approximate methods for the fast computation of EPR and ST-EPR spectra. III. Extension of the perturbation approximation to conditions of overmodulation 8-82754
- Galloway, T.R.** Tritium handling in the Mirror Fusion Hybrid Reactor 8-62617
- Galloway, W.J.** An assessment of the relative importance of sources of urban noise 8-51001
- Galloy, C., Lorquet, J.C.** Excited states of gaseous ions. VI. Potential energy surfaces of CH₃⁺ 8-58602
- Galloy, C.** see Hansoul, J.P. 8-70871
- Gallup, G.A.** see Vance, R.L. 8-82663
- Galobardes, M.** see Newton, M.G. 8-67703
- Galonsky, A.** see Djaloies, A. 8-94020
- Galos, H.C.** see Holmstrom, R.P. 8-79893
- Galoshina, E.V.** see Volkenshtein, N.V. 8-80138
- Galoyan, V.R., Zenkin, G.M., Petrov, A.P.** Investigation of the torsional movements of the human eyes. III. Rapid phase of torsion 8-69045
- Gal'perin, A.G.** see Brodov, Yu.M. 8-51044
- Galperin, F.M.** Atomic magnetic moments of Fe, Co, Ni and hyperfine fields at impurities in ferromagnetic iron 8-52244
- Gal'perin, V.M.** see Shepurev, E.I. 8-90466
- Gal'perin, Yu.I., Crasniar, J., Lisakov, Yu.V., Nikolaenko, L.M., Sinityn, V.M., Sauvaud, J.-A., Khalipov, V.L.** The diffuse auroral zone. I. A model for the equatorial boundary of the diffuse surge zone of auroral electrons in the evening and midnight sectors 8-69610
- Galperin, Yu.I., Gladyshev, V.A., Jorjio, N.V., Kovrazhkin, R.A., Sinityn, V.M., Cambou, F., Sauvaud, J.-A., Crasniar, J.** Adiabatic acceleration induced by convection in the plasma sheet 8-88997
- Gal'perin, Yu.M., Kozub, V.I.** Creation of normal domains in superconductors by acoustic methods 8-60248
- Gal'perina, A.N.** Equivalent-circuit analysis of complex ultrasonic vibratory systems [appl. to surgical instrument] 8-50997
- Galperin, A.D., Kliot-Dashinskaya, I.M., Staselko, D.I., Churaev, A.L.** Structure of images of coherently illuminated objects with observation through a moving random mask 8-82922
- Galster, W.** see Duck, P. 8-82385
- Galstyan, D.A.** see Batusov, Yu.A. 8-89855
- Galtsov, D.V., Petukhov, V.I.** Gravitational cyclotron instability: New mechanism for cosmic radio emission 8-65724
- Galtsov, D.V.** see Sokolov, A.A. 8-96501
- Galumyan, P.I., Markaryan, R.Kh.** Efficiency of a neutron scintillation detector at energies up to 220 MeV 8-78568
- Galun, B.V.** Thyristor generator with automatic regulation of current pulse amplitude for pumping semiconductor lasers 8-79024
- Galun, B.V., Kudryavtseva, I.V., Shevkunova, T.P.** Compact pulse generator for pumping semiconductor lasers 8-74919
- Galun, B.V., Mitsenko, I.D., Govorukhin, V.I.** Thyristor generator of nanosecond current pulses [semiconductor laser pumping] 8-79025
- Galunov, N.Z., Grudskaya, L.E., Rogozhin, A.A., Tsirlin, Yu.A., Shamovskii, L.M.** New concepts of the mechanism of scintillation excitation in NaI(Tl) 8-92126
- Galunov, V.I.** Acoustic aspects of speech production 8-96056
- Galuz, A.I.** see Rubtsov, V.N. 8-87115
- Galvao, R.M.O.** β -Dependence of the particle and energy confinement times in the low collisionality regime in toroidal systems 8-75409
- Galvao, R.M.O., Sakanaka, P.H., Shigueoka, H.** Influence of toroidal effects on the stability of the internal kink mode 8-91144
- Galvao, R.M.O.** see Marotta, A. 8-87508
- Galvele, J.R., Lumsden, J.B., Staehle, R.W.** Effect of molybdenum on the pitting potential of high purity 18% Cr ferritic stainless steels 8-95852
- Galvez, V.** Sanchez see Sanchez Galvez, V.
- Galy, J.** see Gleizes, A. 8-63722
- Galy, J.** see Legros, J.-P. 8-95023
- Galy, J.** see Millet, P. 8-78653

- Galyamov, B.Sh.**, Emel'yanov, S.M., Roginskaya, Yu.E., Venetsev, Yu.N. Metal-nonmetal transition in $\text{Ru}_{1-x}\text{Ti}_x\text{O}_2$ solid solutions 8-91735
- Galyamov, B.Sh.**, Mitrofanov, K.P., Plotnikova, M.V., Frolkina, I.T., Roginskaya, Yu.E., Venetsev, Yu.N. Defect structure of and magnetic transition in FeSb_2O_4 solid solutions 8-59803
- Galybin, N.N.** *see* Andreeva, I.B. 8-94473
- Gama, A.A.S.** *da see* da Gama, A.A.S.
- Gamali, E.G.** *see* Afonov'ev, Yu.V. 8-83593
- Gamali, E.G.** *see* Basov, N.G. 8-79451
- Gamaly, E.** A survey in the progress in laser thermonuclear fusion 8-74500
- Gamba, D.** *see* Erriquez, O. 8-82195
- Gambardella, G.** *see* Braccini, C. 8-57045
- Gambashidze, N.N.** *see* Kutateladze, K.S. 8-63678
- Gambill, W.R.** *see* Kim, J. 8-67018
- Gambini, R.** Lorentz covariance and quantum electromagnetism in any gauge 8-54594
- Gambini, R.**, Restuccia, A. Initial-value problem and the Dirac-bracket relations in null gravodynamics 8-77781
- Gambino, M.**, Bros, J.-P., Desre, P. Localisation of a eutectic point of a ternary mixture from the knowledge of the thermodynamic functions of related binary mixtures. Examples of applications 8-79742
- Gambino, R.J.**, Cuomo, J.J. Selective resputtering-induced anisotropy in amorphous films 8-72376
- Gambino, R.J.** *see* Cuomo, J.J. 8-60574, 8-72663
- Gambino, R.J.** *see* DeLuca, J.C. 8-91911
- Gambino, R.J.** *see* Harper, J.M.E. 8-95641
- Gambino, R.J.** *see* McGuire, T.R. 8-68234, 8-95488
- Gambke, T.**, Elschner, B. EPR of Gd^{3+} impurities in a host with interconfiguration fluctuations 8-56377
- Gamble, F.R.**, Thompson, A.H. Superconductivity in layer compounds intercalated with paramagnetic molecules 8-91803
- Gamble, R.C.** *see* Chan, S.I. 8-64938
- Gamble, R.M.** A generalized design procedure for estimating total fatigue life in the low cycle range for notched components 8-63388
- Gamble, T.D.** *see* Goubau, W.M. 8-81104
- Gamble, W.L.** *see* Wilkinson, E.L. 8-59118
- Gambling, W.A.**, Matsumura, H. Propagation characteristics of curved optical fibers 8-66934
- Gambling, W.A.**, Matsumura, H., Ragdale, C.M. Wave propagation in the single-mode fibre with dip in the refractive index 8-63194
- Gambling, W.A.**, Matsumura, H., Ragdale, C.M. Joint loss in single-mode fibres 8-74980
- Gambling, W.A.**, Matsumura, H., Ragdale, C.M. Zero-mode dispersion in single-mode fibres 8-87141
- Gambling, W.A.**, Matsumura, H., Ragdale, C.M., Sammut, R.A. Measurement of radiation loss in curved single-mode fibres 8-74984
- Gambling, W.A.**, Payne, D.N. Optical fibre systems 8-63196
- Gamer, G.** *see* Berthold, R. 8-65403
- Gammage, R.B.**, Cheka, J.S., Gesell, T.F. A passive environmental ^{222}Rn monitor based on the exoelectron dosimeter 8-82523
- Gammel, G.**, Nation, J.A., Read, M.E. Technique for the measurement of the amplitude and phase velocity of a slow space charge wave on a relativistic electron beam 8-54508
- Gammel, J.** *see* Bessis, D. 8-62427
- Gammel, P.M.** Ultrasonic pulser needs no step-up transformer 8-79182
- Gamo, H.**, Jagannathan, N., Majumdar, A.K. Comparison of corner-cube reflector and a plane mirror in folded-path and direct transmission through atmospheric turbulence 8-85697
- Gamo, H.** *see* Sato, H. 8-55333
- Gamo, K.**, Takai, M., Yagita, H., Takada, N., Masuda, K., Namba, S., Mizobuchi, A. Implantation temperature for III-V compound semiconductors 8-75683
- Gamo, K.** *see* Murakami, K. 8-68377
- Gampert, B.** Laminar flow round a circular cylinder at low Reynolds numbers 8-94641
- Gampp, W.**, Genz, H. Tensor meson dominance and the new particles 8-66112
- Gan, T.H.**, Peel, J.B., Willett, G.D. Photoelectron spectra of the Gauche and trans conformers of 1,2-dibromoethane 8-50574
- Gan Zi-Zhao**, Yang Guo-Zhen, Feng Ke-An, Huang Xi-Yi A theory of multiphoton dissociation of molecules in an intensive IR laser field 8-90236
- Ganaha, T.**, Kerr, H.W. Asymmetrical solidification structures and fluid flow in GTA welds of 7004 aluminum alloy sheets 8-84794
- Ganapathy, R.** Neutron activation cross-section of zirconium-94 8-76951
- Ganapol'skii, E.M.**, Makovetskii, D.N. Phaser production of transverse phonons by impurity centres of bivalent nickel in corundum 8-91390
- Ganas, P.S.** Optical oscillator strengths for argon 8-86816
- Gandel'man, G.M.**, Ivanov, V.V., Medvedev, Yu.A., Stepanov, B.M., Fedorovich, G.V. Experimental verification of radiation from Compton electron currents [atmospheric nuclear explosions] 8-93020
- Gandel'man, G.M.** *see* Voropinin, A.I. 8-72103
- Gandhi, C.**, Taplin, D.M.R., Ashby, M.F. An experimental fracture-mechanism map for thoria dispersion-strengthened nickel 8-60823
- Gandini, A.** Higher order time-dependent generalized perturbation theory 8-58333
- Gandini, A.** Implicit and explicit higher order perturbation methods for nuclear reactor analysis 8-78444
- Gandolfi, A.** *see* Ernst, W. 8-89682
- Gandon, J.**, Joud, J.C., Desre, P. Sputtering and Auger electron spectroscopy analysis of thin gold films in silicon 8-76959
- Ganeshundaram, P.C.** The P-structure C-structure grammar (PCG) in the contrastive study of two or more languages 8-69959
- Gangadharan, S.**, Yegnasubramanian, S. Elemental characterisation through instrumental neutron activation 8-73116
- Gangal, A.D.**, Vengurlekar, A.S. t dependence of the slope parameter in high-energy pp scattering and unitarity bounds 8-93907
- Gangas, N.-H.J.** *see* Sigalas, I. 8-61328
- Gangnus, A.A.** *see* Vermisheva, L.Yu. 8-61350
- Gangopadhyay, D.K.** Study on forward scattering of meteor bursts 8-89132
- Gangrskii, Yu.P.** α , β and γ -transitions accompanied by changes in nuclear shape 8-89820
- Gangulee, A.**, Kobliksa, R.J. Magnetic properties of amorphous Co-Gd-Mo-Ar thin films 8-80182
- Gangulee, A.**, Taylor, R.C. Mean field analysis of the magnetic properties of vapor deposited amorphous Fe-Gd thin films 8-64236
- Gangulee, A.** *see* Kobliksa, R.J. 8-91881
- Gangulee, A.** *see* Miller, R.J. 8-71889
- Gangulee, A.** *see* Taylor, R.C. 8-68312
- Ganguli, B.N.** *see* Narayan, R. 8-67117
- Ganguli, S.N.** *see* Cooper, A.M. 8-62465, 8-78205
- Ganguli, S.N.** *see* Hamatsu, R. 8-66141
- Ganguli, S.N.** *see* Nacasch, R. 8-54646
- Ganguly, A.K.**, Davis, K.L., Webb, D.C. Magnetoelastic surface waves on the (110) plane of highly magnetostriuctive cubic crystals 8-52327
- Ganguly, A.K.** *see* David, M. 8-64418
- Ganguly, A.K.** *see* Padmanabhan, P.K. 8-86962
- Ganguly, R.I.**, Dhindaw, B.K. Effect of alloying elements on the stress corrosion failure of Al-Zn-Mg-Cu alloys, studied by regression analysis technique 8-80669
- Ganguly, S.** *see* Oran, E.S. 8-77414
- Ganguly, S.** *see* Rishbeth, H. 8-85760
- Gangwer, T.E.** Surface photochemistry and photodesorption 8-64863
- Gani, M.S.J.**, McPherson, R. Crystallisation of mullite from $\text{Al}_2\text{O}_3\text{-SiO}_2$ glasses 8-60639
- Ganiev, R.F.**, Lakiza, V.D. Nonlinear resonance effect of vibrational mixing in the gravitational field of forces 8-90811
- Ganiev, Yu.A.** *see* Lyubimova, E.A. 8-92817
- Ganiev, Yu.A.** *see* Rastorguev, Yu.L. 8-77903, 8-81965
- Ganin, V.A.** *see* Starostin, N.V. 8-67995
- Ganivet, M.** *see* Arnal, T. 8-66362
- Ganjel, J.D.**, Leta, D.P., Morrison, G.H. Quantitative ion probe measurement using matrix ion species ratios 8-61070
- Gankina, E.S.** *see* Skvortsov, A.M. 8-51824
- Ganley, J.T.** *see* Leland, W.T. 8-55382
- Gann, V.V.**, Zhukov, A.I. Motion of dislocations in ferromagnets 8-87670
- Gannaway, J.N.**, Sheppard, C.J.R. Second-harmonic imaging in the scanning optical microscope 8-82029
- Gannaway, J.N.**, Wilson, T. Examination of grain boundaries in polycrystalline solar cells using a scanning optical microscope 8-79618
- Ganne, M.**, Marchand, R., Verbaere, A., Tournoux, M. The tantalates $\text{M}_{3-x}\text{Ta}_{1+x/5}\text{O}_{30}$ and the bronze type hexagonal phase TiTa_3O_9 8-52741
- Ganong, G.P.** *see* Kullgren, T.E. 8-90796
- Ganoulis, J.** *see* Durin, M. 8-92670
- Gans, P.** Raman spectroscopic studies of non-aqueous solutions 8-72514
- Ganschow, O.** *see* Benninghoven, A. 8-72919, 8-84685
- Ganschow, O.** *see* Wiedmann, L. 8-53293
- Ganssauge, E.** *see* Berger, Ch. 8-62412
- Gantois, M.** *see* Iglessis, J. 8-60667
- Gantsevich, S.V.** *see* Akatov, L.L. 8-64375
- Gantzel, P.K.** *see* Villagrana, R.E. 8-84846
- Ganz, S.** The reabsorption in anthracene crystals in the temperature range $4 < T < 300\text{K}$ 8-68561
- Ganzerli-Valentini, M.T.**, Maxia, V., Meloni, S., Queirazza, G., Smedile, E. Variability of trace metals in bed sediments of the Po River: implications for sampling 8-69389
- Ganzorig, D.**, Korgulski, T., Kuznetsov, V.D., Polikanov, S.M., Hansen, P.G., Johansson, T., Jonson, B., Konijn, J., Tibell, G., Westgaard, L. Fission of muonic ^{232}Th and ^{238}U 8-86557
- Ganzorig, Dz.**, Krogulski, T., Kuznetsov, V.D., Polikanov, S.M., Hansen, P.G., Johansson, T., Jonson, B., Konijn, J., Tibell, G., Westgaard, L. Themuon capture rate in ^{222}Th and ^{238}U studied in the fission mode 8-89827
- Gao Chung Shou** Mass splittings of mesons and baryons in colour space 8-78146
- Gao Chung-Shou** What is the nature of the newly discovered heavy particle $Y(9.5)$ 8-86443
- Gao Jie Zhang Yu-Zhen**, Chen Yong-Kui, Ling Zeng-Bo Fabrication of Josephson tunnel junctions and studies on its four-terminal resistance 8-68116
- Gao Lun** Further discussion on the equation and its solutions for the bound states of mesons 8-78150
- Gao Mei-Juan** *see* Chen Jin-Chuan 8-82121
- Gao Mei-Juan** *see* Chen Jin-Quan 8-49631, 8-66049
- Gao Xue-Kui** *see* Zhang Shu-yi 8-50965
- Gao Yuan-yi** *see* Chang Jing-ye 8-78247
- Gao Zhi** 'Flow-stretching' of pulses in pulsed CO_2 lasers—a study of high pressure, fast speed flow, pulse excited and quasi continuous output CO_2 lasers 8-90435
- Gapeev, A.K.** *see* Bol'shakov, A.S. 8-88142
- Gaponenko, A.T.** *see* Nikitinskii, V.A. 8-79405
- Gaponov, S.V.**, Luskin, B.M., Nesterov, B.A., Salashchenko, N.N. Morphological features and structure of films condensed from a laser plasma 8-67926
- Gaponov, V.A.**, Vlasov, S.N., Eremina, I.V., Piskunova, L.V. Self-focusing of wave beams with elliptic polarization 8-63156
- Gapotchenko, A.G.** *see* Vinokurova, L.I. 8-95252
- Gapparov, N.** *see* Kaipov, E. 8-84615
- Gar Lam Yip** *see* Miyagi, M. 8-83118
- Gara, A.D.** *see* Joseph, B.W. 8-74845
- Garagulya, B.A.** *see* Troyanovskii, B.N. 8-87360
- Garanderie, H.** Payen de la *see* Payen de la Garanderie, H.
- Garanin, V.P.** *see* Ukhlinov, G.A. 8-80079
- Garanina, T.** *see* Ermilova, D.I. 8-62468
- Garapov, E.F.**, Inikhov, A.G., Kucheryavenko, E.P., Lomakin, S.S., Panfilov, G.G., Petrov, V.I., Khmizov, V.V., Yaritsyna, I.A. Creation of a working standard of thermal neutron flux density based on the F-1 reactor 8-82410
- Garashchenko, P.A.** Materials for compound optical polarization models for stress measurement 8-87313
- Garas'ko, G.I.**, Klepikov, N.P. Justification of partial-wave expansions of relativistic many-particle amplitudes 8-70312
- Garas'ko, G.I.** *see* Klepikov, N.P. 8-89636
- Garay, O.** *see* Balzano, Q. 8-57039, 8-69222
- Garban, C.**, Fabre, E., Stenz, C., Popovics, C., Virmont, J., Amirano, F. Spectral analysis of backreflected light and harmonic generation in a CO_2 laser-target interaction experiment 8-59676
- Garbarino, P.L.** *see* Howard, J.K. 8-71888
- Garbassi, F.** *see* Benedek, G. 8-79867, 8-79868
- Garbassi, F.** *see* Burriesci, N. 8-52307
- Garber, A.R.** *see* Wright, W.F. 8-90190
- Garber, H.J.** Fuel handling system for TNS 8-58441
- Garber, H.J.**, Watson, J.S. Tritium systems preliminary design for TNS 8-50363
- Garber, H.J.** *see* Chapin, D.L. 8-54992, 8-58416
- Garber, L.G.** *see* Likhtsinder, M.Ya. 8-70156
- Garber, R.I.**, Kharitonova, Zh.F., Belikodnaya, O.A., Azhazha, V.M., V'yugov, P.N. Decomposition of the solid solution of yttrium in zirconium 8-92267
- Garber, S.R.** *see* Johnson, C.I. 8-85322
- Garber, W.D.**, Reeh, H. Nontranslationally covariant currents and symmetries of the S matrix 8-58133
- Garbincius, P.H.** *see* Cutts, D. 8-78380, 8-89746
- Garbutt, P.** *see* Cosgrove, D.O. 8-69165
- Garchakov, V.S.**, Nazarenko, I.P., Panevin, I.G., Rychkov, B.A. Theoretical investigation of near anode layer of gas discharge 8-71497
- Garcia, A.**, Maya, M. First-order radiative corrections to asymmetry coefficients in neutron decay 8-58254
- Garcia, A.** *see* Bilwes, B. 8-78341
- Garcia, B.** *see* Palik, E.D. 8-71161
- Garcia, H.R.** *see* Freeman, R.H. 8-55386
- Garcia, L.**, Vazquez, L. Time-dependent solutions of a classical nonlinear scalar field 8-81865
- Garcia, M.** *see* Sirieix, M. 8-80058
- Garcia, M.P.** Ambient contamination produced by radioactive gases 8-81540

- Garcia, N.**, Cabrera, N. New method for solving the scattering of waves from a periodic hard surface: Solutions and numerical comparisons with the various formalisms 8-81876
- Garcia, N.** *see* Goodman, F.O. 8-92161
- Garcia, N.** *see* Lopez, C. 8-89355
- Garcia Azcarate, A.** Absorptive corrections to the inclusive spectrum of $p+p \rightarrow n+X$ in the triple-Regge region 8-78230
- Garcia Bermudez, G.** *see* Behar, M. 8-50088, 8-70707
- Garcilazo, H.** The effect of short-range correlations in the second order pion-carbon optical potential 8-74407
- Garcon, J.A.** *see* Cooper, A.M. 8-78205
- Garcon, M.** *see* Couvert, P. 8-78383
- Garcon, M.** *see* Tatischeff, B. 8-82345
- Gard, G.A.** *see* Freeman, J.H. 8-89588, 8-89595
- Garda, A.P.** *see* Tkachenko, Yu.G. 8-60877
- Gardes, D.** *see* Bimbot, R. 8-58527, 8-70720, 8-82567
- Gardiner, B.O.C.** *see* Echlin, P. 8-65158
- Gardiner, C.F.**, Chang, L.L.Y. Phase relations in the systems $Cr_2O_3-WO_3$ and $Fe_2O_3-WO_3$ 8-92249
- Gardiner, D.J.** Raman spectrometry 8-85218
- Gardiner, D.J.**, Haji, A.H., Straughan, B.P. Solvation of $Hg(CN)_2$, $Hg(NO_3)_2$ and $Hg(CNS)_2$ by liquid ammonia: a Raman spectroscopic study 8-90172
- Gardiner, P.S.** Some characteristics of negative point-plane corona 8-71567
- Gardiner, P.S.**, Craggs, J.D. Mass spectrometry of negative ions in Trichel corona 8-87537
- Gardiner, R.B.** *see* Pedrazzini, G.J. 8-86944
- Gardiner, W.C., Jr.**, Levine, R.D. Thermochemical properties of atoms and molecules in specific quantum states 8-68911
- Gardiner, W.C., Jr.** *see* Mallard, W.G. 8-90166
- Gardiner, W.C., Jr.** *see* Olson, D.B. 8-86856
- Gardner, C.G.**, Matzhanin, G.A., Lankford, J. Influence of stress and plastic deformation on the Bauhaus effect in silicon-iron 8-52313
- Gardner, C.S.**, Ransom, P.L. Coherence effects on the phase accuracy of an optical Fourier processor 8-90377
- Gardner, C.S.** *see* Rowlett, J.R. 8-88955
- Gardner, F.F.**, Whiteoak, J.B. Observations of the J=1-0 transition of CS at 49 GHz in southern molecular clouds 8-65674
- Gardner, F.F.**, Whiteoak, J.B. The velocities of 6 cm recombination line emission originating near the galactic nucleus 8-69885
- Gardner, F.F.**, Whiteoak, J.B., Winniewisser, G. Observations of the J=13-12 transition of HC_3N at 14.7 GHz 8-73745
- Gardner, F.F.** *see* Batchelor, R.A. 8-69863
- Gardner, F.F.** *see* Whiteoak, J.B. 8-54024, 8-69862, 8-77592
- Gardner, G.C.** *see* Kubic, J. 8-51218
- Gardner, J.W.**, Addison, J.V., Schecter, R.S. A constitutive equation for a viscoelastic interface 8-84028
- Gardner, K.** *see* Corney, A. 8-71146, 8-82693
- Gardner, P.** *see* Forsyth, J.B. 8-95418
- Gardner, R.H.** *see* Garten, C.T., Jr. 8-85392
- Gardner, R.K.**, Cocke, C.L., Saylor, T.K., Curnutte, B. Lifetimes of some L-X-ray emitting levels in silicon, sulfur, and chlorine 8-66493
- Gardner, R.N.** Controlled growth of α -Fe single crystal whiskers 8-60554
- Gardner, R.N.**, Wilsdorf, H.G.F. Plastic deformation in the neck of α -Fe single crystals leading to fracture 8-64655
- Gardner, R.P.**, Wielopolski, L., Verghese, K. Mathematical techniques for quantitative elemental analysis by energy dispersive X-ray fluorescence 8-85243
- Gardner, W.L.**, Herz, A.H. The pH-dependence of cyanine adsorption to AgBr 8-62254
- Gardner, W.L.**, Kim, J., Menon, M.M., Schilling, G. The ORNL 150 keV neutral beam test facility 8-62660
- Gardner, W.L.**, Kim, J., Menon, M.M., Wheaton, J.H. Ion beamlet steering by aperture displacement for a tetrode accelerating structure 8-82075
- Gardner, W.L.** *see* Dagenhart, W.K. 8-54967
- Gardner, W.L.** *see* Wheaton, J.H. 8-87005
- Gardon, R.** Variation of densities and refractive indices in tempered glass 8-64564
- Gardy, E.M.** *see* Campbell, P. 8-68966
- Gareev, F.A.** *see* Bang, E. 8-89844
- Garel, T.** *see* Gabay, M. 8-50669
- Garelick, D.** *see* Oliver, W.P. 8-89857
- Garfagnini, R.** *see* Mach, R. 8-74403
- Garfinkel, A.F.** *see* Alexander, G. 8-74251, 8-89766
- Garfinkel, A.F.** *see* Berger, Ch. 8-62414, 8-89725
- Garfinkel, A.F.** *see* Derrick, M. 8-82197
- Garg, D.P.** *see* Wilson, J.F. 8-63348
- Garg, O.P.** *see* Majumdar, N.C. 8-81273
- Garg, R.**, Gupta, K.C. Slow leaky waves 8-78863
- Garg, R.K.**, Pradhan, M.M. Far-infrared characteristics of multi-element interference filters using different grids 8-90507
- Garg, S.C.**, Vijayakumar, P.N., Singh, L., Tyagi, T.R., Somayajulu, Y.V. Early results of ATS-6 radio beacon experiment at New Delhi 8-69592
- Garg, S.C.** *see* Singh, L. 8-69599
- Garg, S.C.** *see* Somayajulu, Y.V. 8-69600
- Garg, S.K.**, Pritchett, J.W. Two-phase flow in geopressed geothermal wells 8-81223
- Garg, S.K.** *see* Brownell, D.H., Jr. 8-61379
- Garg, S.K.** *see* Ripmeester, J.A. 8-91969
- Garg, S.P.** *see* Ackermann, R.J. 8-76638
- Garg, U.** *see* Sjoreen, T.P. 8-70447
- Garg, V.K.** On the stability of axial flow in an annulus 8-83363
- Garg, V.K.**, Puri, D.S., Verma, M.P. On the second- and third-order elastic constants of ZnS structure solids 8-63799
- Garg, V.K.** *see* Garg, R. 8-56407
- Garg, V.K.** *see* Scorzelli, R.B. 8-56408
- Garga, I.L.** *see* Shimon, L.L. 8-82847
- Gargatsev, I.O.**, Batymurzaev, A.S., Isaev, I.Dzh., Guseinov, B.A. Procedure for measurement of large dielectric losses 8-54394
- Gari, M.** p-p Reactions in Sun ($p+p \rightarrow D+e^++\nu$ and $p+p \rightarrow e^+D+\nu$ 8-93195
- Gari, M.**, Sommer, B. Low-energy theorems and the forward proton production in $D(\gamma,p)n$ 8-70510
- Garibin, E.A.**, Borisov, B.A., Mel'nikova, I.G., Petrovskii, G.T., Khristich, E.E. Possible causes of the increased light absorption of fluorophosphate glass, produced in melt vessels made of high-temperature pyrocarbon 8-71167
- Garibotti, C.R.**, Grinstein, F.F. Summation of partial wave expansions in the scattering by long range potentials. I 8-49707
- Garibotti, C.R.**, Grinstein, F.F. A summation procedure for expansions in orthogonal polynomials 8-81805
- Garifo, L.** *see* Malvezzi, A.M. 8-54513
- Garifullina, R.L.** Hyperfine structure of the ESR spectra of heteropairs with a strong exchange coupling 8-72395
- Garistov, V.P.** *see* Antonov, A.N. 8-54738
- Garito, A.F.** *see* Megert, S. 8-51912
- Garkusha, V.I.**, Stasenko, A.L. Volume nonisothermicity of particles in nonsingle-phase flows 8-71390
- Garkusha, V.I.** *see* Lyashko, I.I. 8-54153
- Garland, C.W.**, Chiu-Nan Lai Ultrasonic investigation of critical phenomena in the binary system triethylamine-water 8-91382
- Garland, C.W.**, Gorodetsky, G., Zahradnik, C. High-pressure ultrasonic investigation of the order-disorder transition in ND_4Cl 8-71851
- Garland, C.W.** *see* Gorodetsky, G. 8-76254
- Garland, J.C.** *see* Sampsell, J.B. 8-60108, 8-60109
- Garland, P.B.** A spectrophotometer and fluorimeter [undergraduate teaching] 8-73816
- Garlea, I.**, Miron, C., Ilie, P., Popa, F. Measurement of density distribution of fission traces by the tracer's method in dielectrics 8-90033
- Garlea, I.**, Miron, C., Lupu, M., Ilie, P., Thurzo, A., Stanica, N., Popa, F. Measuring of a few integral data in the $\Sigma\Sigma$ neutron field 8-70537
- Garlick, A.R.** Radiative overinstability in accretion: cocoon stars 8-85932
- Garlick, G.F.J.**, Nwokedi, R.E. Anti-Stokes effects for Nd^{3+} ions in solids 8-80405
- Garlick, G.F.J.**, Nwokedi, R.E., Braid, P. A two photon anti-Stokes effect in holmium and holmium-ytterbium doped phosphors excited by $2\mu m$ radiation 8-50852
- Garmany, C.D.** *see* Bohannan, B. 8-89197
- Garmire, E.**, Allen, S.D., Marburger, J., Verber, C.M. Multimode integrated optical bistable switch 8-79145
- Garmire, G.** *see* Cash, W. 8-93228
- Garncarek, S.** *see* Janas, M. 8-52775
- Garner, C.M.**, Lindau, I., Su, C.Y., Pianetta, P., Spicer, W.E. Bonding states of oxygen on silicon 8-92170
- Garner, C.M.**, Shen, Y.D., Su, C.Y., Pearson, G.L., Spicer, W.E. Auger profiling studies of LPE $n-AlGa_{1-x}As-n-GaAs$ heterojunctions and the absence of rectification 8-95349
- Garner, C.M.** *see* Chye, P.W. 8-60203
- Garner, C.M.** *see* Lindau, I. 8-95358
- Garner, C.M.** *see* Spicer, W.E. 8-53254
- Garner, D.** *see* Molvik, A.W. 8-54917
- Garner, D.M.** *see* Jean, Y.C. 8-80774
- Garner, D.P.** *see* Seymour, R.B. 8-76859
- Garner, F.A.** *see* Brager, H.R. 8-51590
- Garner, J.B.**, Crump, K.S., Stephenson, J.L. Transient behaviour of the single loop solute cycling model of the renal medulla 8-73167
- Garner, R.G.**, Raithby, G.D. Laminar flow between a circular tube and a cylindrical eccentric capsule 8-79377
- Garnett Williams, J.** *see* Azimi-Garakani, D. 8-62584
- Garnier, J.L.** *see* Gazanhes, C. 8-59181
- Garnir, H.P.**, Baudinet-Robinet, Y., Dumont, P.D. Study of S VII in the vacuum ultraviolet 8-62756
- Garnir, H.P.** *see* Dumont, P.D. 8-66488, 8-70919
- Garno, J.P.** Simple high vacuum evaporation system with low-temperature substrate 8-84716
- Garofalo, D.**, Wobber, F.J. Monitoring coastal development pressure: examples of the application of remote sensing technique. I 8-78013
- Garofano, T.** *see* Casalini, G. 8-76021
- Garosshen, T.** *see* Galligan, J.M. 8-80547
- Garot, C.** *see* Boiziau, C. 8-95642
- Garpman, S.**, Randrup, J. Statistical test for pseudo-random number generators 8-86125
- Garpman, S.I.A.** *see* De, J.N. 8-62568, 8-89834, 8-89894
- Garrabos, Y.** *see* Beysens, D. 8-56494
- Garrard, L.A.** *see* Van, T.K. 8-61220
- Garrard, T.L.** *see* Althouse, W.E. 8-85797
- Garratt, J.R.** Transfer characteristics for a heterogeneous surface of large aerodynamic roughness 8-73487
- Garratt, J.R.** *see* Francey, R.J. 8-81265
- Garreau, M.**, Thevenin, J. Study by SEM of the lithium in electrochemical behaviour in propylene carbonate 8-56899
- Garrelick, J.M.**, Chayes, L. Comment on the contribution of cross-modal terms to the local response of structures to random pressure fields 8-63234
- Garreta, D.** *see* Couvert, P. 8-78383
- Garrett, B.C.**, Miller, W.H. Quantum mechanical reactive scattering via exchange kernels: application to the collinear $H+H_2$ reaction 8-68880
- Garrett, B.J.** *see* Kinney, R.A. 8-73520
- Garrett, C.** *see* Loder, J.W. 8-73387
- Garrett, C.** *see* Varley, B.J. 8-93971
- Garrett, D.A.**, Berger, H. The technological development of neutron radiography 8-60887
- Garrett, D.N.** *see* Rockwell, D.A. 8-59068
- Garrett, H.B.**, Forbes, J.M. Tidal structure of the thermosphere at equinox 8-81476
- Garrett, H.B.** *see* Forbes, J.M. 8-77377
- Garrett, H.L.**, Traylor, P.A. Simple oblique transmitted light techniques for photomicrography and photomicrography 8-58026
- Garrett, J.A.**, Poole, A. Electronic dual timer for a teletherapy machine 8-85358
- Garrett, J.D.** *see* Ellegaard, C. 8-94005
- Garrett, J.D.** *see* Hallock, J.N. 8-93944
- Garrett, P.M.** An overview of low-level radioactive waste management 8-94117
- Garrett, R.** *see* Brock, J.E. 8-62544
- Garrett, R.** *see* Fitzgerald, D.H. 8-62424
- Garrett, R.F.** *see* Macdonald, R.J. 8-72672
- Garrett, S.**, Adams, S., Putterman, S., Rudnick, I. Resonant nonlinear mode conversion in He II 8-79831
- Garrett, W.D.** The impact of organic material on cloud and fog processes 8-73467
- Garrett, W.R.**, Payne, M.G. Applications of models for cell survival: the fixation time picture 8-65087
- Garrido, L.**, Lurie, D., San Miguel, M. Stochastic quantization and path integral formulation of Fokker-Planck equation 8-86228
- Garrison, A.K.** *see* DuVarney, R.C. 8-76295
- Garrison, B.J.**, Winograd, N., Harrison, D.E., Jr. Formation of small metal clusters by ion bombardment of single crystal surfaces 8-92157
- Garrison, B.J.** *see* Green, S. 8-89237
- Garrison, B.J.** *see* Harrison, D.E., Jr. 8-88396
- Garrison, B.J.** *see* Winograd, N. 8-95643
- Garrison, E.G.**, McGimsey, C.R., III, Zinke, O.H. Alpha-recoil tracks in archaeological ceramic dating 8-70237
- Garrison, J.B.**, Weiss, J.L., Lowell Maughan, W., Tuck, O.M., Guier, W.H., Fortuin, N.J. Quantifying regional wall motion and thickening in two-dimensional echocardiography with a computer-aided contouring system 8-80937
- Garrison, J.D.** A vacuum solar thermal collector with optimal concentration 8-50892
- Garrison, L.M., Jr.** Observational studies of the Herbig Ae/Be stars. III. Spectrophotometry 8-93258
- Garritz, A.** *see* Keller, J. 8-95405
- Garscadden, A.** *see* Darrah, R.C. 8-71410
- Garsevanishvili, V.R.** *see* Abdivaliev, A. 8-58290
- Garsevanishvili, V.R.** *see* Abesalashvili, L.N. 8-82227
- Garshin, P.A.** *see* Smirnov, R.E. 8-75206
- Garsia, A.** General applicability of several checks on V-A theory of neutron decay 8-58255
- Garside, B.K.**, Reid, J., Shewchun, J., Ballik, E.A. Prototype instrument for high sensitivity pollution detection using tunable diode lasers 8-57373

- Garside, B.K.** *see* Reid, J. 8-61607, 8-73523
- Garside, B.K.** *see* Taylor, R.S. 8-71127
- Garside, J.,** Larson, M.A. Direct observation of secondary nuclei production 8-68613
- Garstang, R.H.,** Robb, W.D., Rountree, S.P. Electron collisional excitation cross sections for Fe III and Fe VI and iron abundances in gaseous nebulae 8-53806
- Garten, C.T., Jr.,** Dahlman, R.C. Plutonium in biota from an east Tennessee floodplain forest 8-85394
- Garten, C.T., Jr.,** Gardner, R.H., Dahlman, R.C. A compartment model of plutonium dynamics in a deciduous forest ecosystem 8-85392
- Garten, C.T., Jr.** *see* Hoffman, F.O. 8-94148
- Gartia, R.K.,** Acharya, B.S. On the production of Z_1 centres 8-75663
- Gartia, R.K.,** Acharya, B.S., Ratnam, V.V. Effect of re-irradiation on Z_1 centres 8-75664
- Gartner, G.,** Klempt, E. A direct determination of the proton-electron mass ratio 8-70093
- Gartner, H.,** Auer, W. The effect of nickel clusters on the specific electrical resistivity of paramagnetic copper-nickel alloys 8-95293
- Garton, A.,** Stepaniak, R.F., Carlsson, D.J., Wiles, D.M. Some effects of melt-induced orientation on drawing of polypropylene monofilaments 8-84922
- Garton, A.,** Sturgeon, P.Z., Carlsson, D.J., Wiles, D.M. Plasma etching of polypropylene films and fibres 8-95871
- Garton, G.,** Walker, P.J. Crystal growth of some rare earth trifluorides 8-52660
- Gartsman, K.G.,** Dedegkaev, T.T. Micro X-ray-spectral investigations of the influence of methods for obtaining the solid solution $\text{Bi}_{0.52}\text{Sb}_{1.48}\text{Te}_3$ on its inhomogeneity 8-52698
- Gartsman, K.G.,** Dedegkaev, T.T., Barash, A.S., Parparov, E.Z., Golt'sman, B.M. Local X-ray-spectral analysis of the inhomogeneity of thermoelectric material $\text{Bi}_2\text{Te}_{3-x}\text{Se}_x$ 8-51576
- Garvey, E.T.** *see* Rinehart, R.E. 8-57360
- Garvey, J.** *see* Corden, M.J. 8-58207, 8-58209, 8-62470, 8-66164, 8-74283
- Garvey, R.M.,** Hellwig, H., Jarvis, S., Jr., Wine-land, D.J. Two-frequency separated oscillating fields technique for atomic and molecular beam interrogation 8-89596
- Garvey, R.M.** *see* Allan, D.W. 8-57912
- Garvie, R.C.** Stabilization of the tetragonal structure in zirconia microcrystals 8-51670
- Garvin, D.** *see* Hampson, R.F., Jr. 8-77312
- Garwin, E.L.** *see* Prescott, C.Y. 8-89719
- Garwood, A.E.** *see* Inwood, B.C. 8-72913
- Garwood, S.J.** Slow stable crack growth in structural steel 8-84965
- Garwood, S.J.,** Turner, C.E. The use of the J integral to measure the resistance of mild steel to slow stable crack growth 8-68809
- Gary, M.,** McAfee, R., Jr., Wolf, C.L. (editor) Glossary of geology 8-88833
- Gary, S.P.** Electrostatic heat flux instabilities 8-79420
- Gary, S.P.** Ion-acoustic-like instabilities in the solar wind 8-89032
- Gary, S.P.,** Sanderson, J.J. Density gradient drift instabilities: Oblique propagation at zero beta 8-71470
- Gary, S.P.** *see* Lemons, D.S. 8-77430
- Gary-Bobo, E.** *see* Buisseret, P. 8-53396
- Garza, T.,** Lomnitz, C., Ruiz De Velasco, C. An interactive epicenter location procedure for the RESMAC seismic array. 1 8-65395
- Garzanov, E.** *see* Guinn, V.P. 8-85242
- Garzaroli, F.,** Manzel, R., Peehs, M., Stehle, H. Observations and hypothesis on pellet-clad interaction failures 8-58351
- Gas, P.,** Bernardini, J. Silver and tin bulk diffusion in Ag-Sn alloys 8-75864
- Gasanalizade, A.G.** On the east-west asymmetry of the central residual intensities and other parameters of Fraunhofer lines 8-53916
- Gasany, N.M.,** Yavador, B.M., Tagirov, V.I., Vinogradov, E.A. Infrared and Raman spectra of layer InSe single crystals 8-92070
- Gasany, N.M.** *see* Faradjev, F.E. 8-76478
- Gasany, N.M.** *see* Mavrin, B.N. 8-68513, 8-88313
- Gasany, N.M.** *see* Tagirov, V.I. 8-76521
- Gasarov, L.S.** *see* Deshevo, A.S. 8-56138
- Gasc, C.** *see* Petit, J. 8-64677
- Gascard, J.C.** Mediterranean deep water formation baroclinic instability and oceanic eddies 8-96229
- Gascoigne, S.C.B.** *see* Freeman, K.C. 8-69850
- Gase, R.,** Schrodell, W. Electromagnetic-mechanical model experiment for stimulated Raman effect 8-86077
- Gasnier, M.,** Curzon, A.E., Surplice, N.A. A comment on some recent results on the electrical resistivity of rare earth thin films 8-84326
- Gasnier, M.,** Schiffmacher, G., Caro, P. Electron diffraction patterns and high-resolution imaging from long-period polytypes in rare-earth trialuminides 8-83781
- Gash, P.J.S.** Tidal stresses in the Moon's crust 8-89087
- Gashimzade, F.M.,** Mekhtiev, M.A., Ismailov, T.G. The interband light scattering in semimetals and semiconductors 8-60485
- Gasilov, G.L.** *see* Lyzhin, A.V. 8-69257
- Gasiot, J.** *see* Castagne, M. 8-54347
- Gasiot, J.** *see* Manificier, J.C. 8-79989
- Gaskell, C.M.** *see* Baldwin, J.A. 8-61931
- Gaskell, R.,** Peccia, A., Sharp, R.T. Generating functions for polynomial irreducible tensors 8-49633
- Gaskell, R.** *see* Contogouris, A.P. 8-66083, 8-74292
- Gaskell, T.,** Miller, S. Shear wave modes and velocity correlation spectra in liquids 8-63654
- Gaskell, T.,** Miller, S. Longitudinal modes, transverse modes and velocity correlations in liquids. I 8-94954
- Gaskell, W.,** Illingworth, A.J., Latham, J., Moore, C.B. Airborne studies of electric fields and the charge and size of precipitation elements in thunderstorms 8-73485
- Gasoyan, M.S.** *see* Mukhamedgalieva, A.F. 8-76560
- Gaspar, R.,** Tamassy-Lentei, I. Molecular pseudopotential calculations. IV. Equilibrium geometries and dissociations of the Li_2H^+ , Na_2H^+ , K_2H^+ and Li_2Na^+ , Na_2Li^+ , Li_2K^+ , K_2Li^+ , Na_2K^+ , K_2Na^+ triatomic alkali ions 8-94329
- Gaspar, Zs.** The form of an ideally elastic bar with a space curve axis 8-51069
- Gaspard, C.L.** *see* Gaston, E.L. 8-73215
- Gaspard, J.P.** Density of electronic states of alloys: the dressed-cluster approximation 8-95249
- Gaspard, J.P.** Cohesive energy and level statistics of small transition metal clusters 8-95267
- Gasparini, F.** *see* Fidecaro, G. 8-66157
- Gasparini, F.M.,** Gaeta, A.A. Universality of the specific heat of ^3He - ^4He mixtures at the λ transition 8-51782
- Gasparoux, H.** *see* Hardouin, F. 8-95139
- Gasparrini, G.** *see* Fiorito, G. 8-54451, 8-86330
- Gasparyan, A.O.** *see* Agasyan, E.O. 8-78563
- Gasparyan, A.P.** *see* Abdaliev, A. 8-58290
- Gasparyan, O.N.,** Zakharyan, A.Z., Dekh-tyarenko, P.I. Accuracy analysis of a measuring device using a semidisk light-flux modulator 8-73648
- Gasparyan, R.A.** Mobility of hot electrons in thin piezoelectric semiconductor films 8-56247
- Gasparyan, S.S.,** Kazaryan, R.A. Discrete reception of optical signals in the atmosphere 8-73511
- Gasparyan, S.V.** *see* Tyapunina, N.A. 8-52882
- Gaspar, A.** *see* Durocher, L.L. 8-89313
- Gasparis, P.De** *see* De Gasparis, P.
- Gasquet, D.,** Nougier, J.P. Anisotropy of the differential conductivity and of the transverse diffusion coefficient in n-type silicon 8-76078
- Gass, I.G.,** Thorpe, R.S., Chapman, D.S., Pollack, H.N. Geological and geophysical parameters of mid-plate volcanism 8-65243
- Gass, V.G.** *see* Glazer, A.A. 8-60318
- Gassen, H.J.** *see* Christ, A. 8-70663
- Gasser, Th.** *see* Dumermuth, G. 8-92727
- Gasser, W.** Dynamical electrical conductivity, dielectric function, and plasma oscillations of the Hubbard model 8-64020
- Gasser, W.** On the dielectric function of the Hubbard model 8-87929
- Gasset, G.** *see* Belli-Daspert, D. 8-64154
- Gassner, M.,** Jaretzky, O., Conover, W. Comparison of convolution and pulse methods for line narrowing in protein NMR spectra 8-78729
- Gassovskii, L.N.,** Dmitrieva, A.M. Screen image divider [for eye testing] 8-57114
- Gast, R.,** Lee, J. Isolation of the in vivo emitter in bacterial bioluminescence 8-92599
- Gast, Th.,** Koppe, K. Simultaneous measurement of weight and torque in controlled atmospheres by magnetic suspension 8-65907
- Gast, Th.** *see* Schubert, B. 8-68953
- Gast, T.J.** *see* Ingber, C.R., Jr. 8-65028
- Gastaldi, L.,** Lapicciarella, A. Internal energy of AB_2X_4 crystalline compounds, electrostatic energy contribution for compounds with closed shell cations 8-75623
- Gastaldi, U.** *see* Auld, E.G. 8-90111
- Gastaud, C.** *see* Sentz, A. 8-71188
- Gastebois, J.** *see* Badawy, I. 8-66291
- Gaster, M.,** Maybrey, J.F.M. An optical instrument for measuring fluctuating velocities in highly turbulent flows 8-83500
- Gastmans, R.,** Troost, W. A Duffin-Kemmer-Petiau formulation of supersymmetry 8-93814
- Gaston, E.L.,** Gaspard, C.L., Brooks, A.C. Dynamic leg scintigraphy with an LFOV scintillation camera 8-73215
- Gasyanov, T.M.,** Katanov, A.A., Babaev, M.M. Thermoelectric power and thermomagnetic effects of hot electrons in Kane semiconductors 8-56174
- Gasyuk, O.V.** *see* Mostovoi, R.M. 8-76061
- Gaszynski, J.,** Szefer, G. Axisymmetric problem of the punch for the consolidating semi-space with mixed boundary permeability conditions 8-51087
- Gat, A.,** Gibbons, J.F., Magee, T.J., Peng, J., Williams, P., Deline, V., Evans, C.A., Jr. Use of a scanning CW Kr laser to obtain diffusion-free annealing of B-implanted silicon 8-91345
- Gata, R.** Measurement of length standards temperatures 8-77907
- Gataullin, N.G.** *see* Aleksandrov, K.A. 8-86646
- Gatehouse, B.M.,** Same, R. The crystal structure of a complex cerium(III) molybdate: $\text{Ce}_6(\text{MoO}_4)_8(\text{Mo}_2\text{O}_7)_2$ 8-67687
- Gates, G.F.,** Fishman, L.S., Segall, H.D. Scintigraphic detection of congenital intracranial vascular malformations 8-77104
- Gates, O.** *see* Warren, S. 8-53457
- Gates, R.S.** *see* Chell, G.G. 8-68765
- Gates, R.S.** *see* Horton, C.A.P. 8-76715
- Gates, S.J., Jr.** Geometry of superspace and local supersymmetry 8-77782
- Gatav, V.,** Stamatova, L., Angelova, B. Contraction time in skeletal muscles of normal children 8-61163
- Gather, B.** *see* Blachnik, R. 8-84782
- Gati, L.** *see* Ketskemeti, I. 8-68540
- Gatignol, P.** Two-timing procedure for higher-order modulations of near-linear dispersive wave trains with an application to plasma waves 8-65788
- Gatland, I.R.,** Thackston, M.G., Pope, W.M., Eisele, F.L., Ellis, H.W., McDaniel, E.W. Mobilities and interaction potentials for Cs^+ -Ar, Cs^+ -Kr, and Cs^+ -Xe 8-59537
- Gatland, K.** A thousand Cosmos satellites 8-69650
- Gatley, I.,** Harvey, P.M., Thronson, H.A., Jr. Far-infrared observations of H II regions in M33 8-61923
- Gatley, I.** *see* Beckwith, S. 8-93230
- Gatley, I.** *see* Werner, M.W. 8-81671
- Gatos, H.C.** *see* Kim, K.M. 8-52659
- Gatos, H.C.** *see* Lagowski, J. 8-68049, 8-72193, 8-87877
- Gatski, T.B.,** Lumley, J.L. Steady flow of a non-Newtonian fluid through a contraction 8-51205
- Gatski, T.B.,** Lumley, J.L. Non-Newtonian flow characteristics in a steady two-dimensional flow 8-63453
- Gatta, G.D.** *see* Fubini, B. 8-60028
- Gatteschi, D.** *see* Bertini, I. 8-80206
- Gatti, E.** *see* Bertolaccini, M. 8-57070
- Gatti, E.** *see* Dotti, D. 8-57116
- Gattinger, R.L.** *see* Jones, A.V. 8-88967
- Gatto, R.,** Paccanoni, F. Duality and exotic mesons in a broken SU_4 scheme 8-89629
- Gatto, R.,** Paccanoni, F. Stable charmed hyperfragments 8-89815
- Gatto, R.** *see* Barbieri, R. 8-54607
- Gatzke, J.** *see* Ross, W. 8-71089
- Gatzmanga, H.** State and development of gas concentration measurement in the trace domain 8-68956
- Gatzmanga, H.,** Hess, V. Dynamic behavior of analysing measurement devices with nondispersive IR operational analysers 8-88676
- Gau, J.N.** *see* Retter, J.A. 8-58781
- Gau, S.C.fiz2** *see* Chiang, C.K. 8-76070
- Gaube, H.** *see* Stieve, H. 8-69055
- Gauckler, L.J.** *see* Claussen, N. 8-92223
- Gauckler, L.J.** *see* Naik, I.K. 8-92247
- Gaudart, L.,** Renucci, P., Rivoira, R. Work functions and structures of alkaline-earth thin films 8-80040
- Gaudiani, V.A.** *see* Alderson, P.O. 8-85362
- Gaudiani, V.A.** *see* Syracuse, D.C. 8-69254
- Gaudig, W.,** Warlimont, H. The structure of short range ordered α -Cu-Al alloys and a new superlattice phase 8-52756
- Gaudin, M.** The first terms of the free-energy in Feynman's model for the λ -transition 8-71895
- Gaudreau, B.** *see* Papiernik, R. 8-67689
- Gaudry, A.** *see* Nguyen, B.C. 8-96237
- Gaudu, R.** *see* Bories, S. 8-94542
- Gaudu, R.** *see* Hoa, N.T. 8-59481
- Gauger, C.,** Gedemer, T. Quality assurance for a new capacitor fluid 8-80272
- Gaul, L.** Dynamic interaction of a foundation with the viscoelastic half-space 8-79228
- Gault, D.E.,** Greeley, R. Exploratory experiments of impact craters formed in viscous-liquid targets: analogs for Martian rampart craters? 8-65530
- Gaultier, J.** *see* Chasseau, D. 8-91329
- Gaumann, T.** *see* Nguyen Quoc Tuan 8-80769
- Gaunaord, G.C.,** Uberall, H. Theory of resonant scattering from spherical cavities in elastic and viscoelastic media 8-79150
- Gaune-Escard, M.** *see* Fouque, Y. 8-79763
- Gaune-Escard, M.** *see* Miane, J.-M. 8-60649
- Gaunt, D.S.,** Guttman, A.J. A generalised form of extended lattice-lattice scaling and its relationship to the scaled equation of state with applications to the Ising model 8-70067

- Gaunt, D.S.**, Ruskin, H. Bond percolation processes in d dimensions 8-70066
- Gaunt, D.S.** see Guttman, A.J. 8-54310
- Gaunt, D.S.** see Whittington, S.G. 8-70069
- Gaur, M.**, Ram, R. Propagation of weak MHD discontinuities in radiative magnetogasdynamics 8-63505
- Gaur, N.K.S.** Phonon thermal conductivity of heavily doped hot-pressed n-type Si-Ge alloys at high temperatures 8-91494
- Gaur, U.**, Mehta, A., Wunderlich, B. Heat capacity measurements by computer-interfaced DSC 8-65935
- Gaur, U.** see Mehta, A. 8-71837, 8-89482
- Gaur, V.K.** see Khattri, K. 8-96161
- Gauselman, V.E.** see Dudkin, K.N. 8-69046
- Gaushus, E.V.** see Bagdasaryan, Yu.V. 8-53732
- Gauss, A., Jr.** Trajectory calculations on the $H+O_2 \rightarrow OH+O$ combustion reaction 8-53201
- Gauss, W.**, Gunther, S., Haase, A.R., Kerber, M., Kessler, D., Kronenbitter, J., Kruger, H., Lutz, O., Nolle, A., Schrade, P., Schule, M., Sieglach, G.E. NMR spectra of alkali and halogen nuclei in alkali and halogen salts 8-84487
- Gaussorgues, C.** see Horsdal Pedersen, E. 8-58794
- Gauster, W.B.** Study of radiation damage in metals by positron annihilation 8-71769
- Gautam, P.** see Syal, V.K. 8-51496
- Gautam, V.P.** see Bagchi, B. 8-58184, 8-62392
- Gautesen, A.K.**, Achenbach, J.D., McMaken, H. Surface-wave rays in elastodynamic diffraction by cracks 8-79161
- Gauthé, B.** see Cukier, M. 8-90134
- Gauthier, G.**, Weissmantel, Chr. Some trends in preparing film structures by ion beam methods 8-72728
- Gauthier, A.** see Bardet, R. 8-70634
- Gauthier, D.** see Caput, C. 8-81467
- Gauthier, G.F.**, Hobbs, A.W., Lowey, S. Fast and slow myosin in developing muscle fibres 8-64961
- Gauthier, J.** see Gazet, J. 8-83939
- Gauthier, J.-P.**, Michel, P. Reflection electron diffraction on silicon carbide crystals: new developments for the study of polytypism 8-83694
- Gauthier, M.** see Bulot, J. 8-92107
- Gauthier, P.S.** see Oliver, W.P. 8-89857
- Gauthier, R.**, Babout, M., Guittard, C. Laser induced desorption studied with mirror electron microscopy 8-84067
- Gauthier, R.**, Casenave, D., Pinard, P. Preparation of silicon polycrystalline ribbons by electron bombardment 8-64474
- Gautier, C.** Some evidence of cool surface water pools associated with mesoscale downdrafts during GATE 8-69365
- Gautier, D.** see Chedin, A. 8-85894
- Gautier, F.** see Demangeat, C. 8-91639
- Gautier, F.** see Moraitis, G. 8-83900
- Gautier, F.** see Treglia, G. 8-75975
- Gautier, H.**, Maerfeld, C., Tournois, P. Acoustic memory correlator using GaAs Schottky diodes 8-66989
- Gautier, T.N.** see Treffers, R.R. 8-61790
- Gautreau, R.**, Hoffmann, B. The Schwarzschild radial coordinate as a measure of proper distance 8-70034
- Gauvin, H.** see Bimbot, R. 8-70720, 8-82567
- Gauvin, H.** see Cabot, C. 8-70563
- Gauvin, R.**, Trotignon, J.-P. A new method of test for flexural fatigue of plastics 8-53056
- Gauyacq, D.**, Horani, M. The electronic spectrum of the CS^+ molecular ion: rotational analysis and perturbation effects in the $A^2\Pi-X^2\Sigma^+$ transition 8-55193
- Gauyacq, J.P.** Diatomic molecular orbitals in atomic collisions (outer shell excitation) 8-62901
- Gauzelman, V.E.** see Glezer, V.D. 8-69068
- Gauzel'man, V.Ye.** see Dudkin, K.N. 8-64990
- Gava, E.** Spontaneous breaking of the conformal group in the Abelian Higgs model 8-49960
- Gava, E.**, Jengo, R. A four-dimensional non-linear σ -model 8-93801
- Gavai, R.V.**, Roy, D.P. Possible evidence of baryonion exchange in $\Delta(pp)$ 8-66171
- Gavaler, J.R.**, Ashkin, M., Braginski, A.I., Santhanam, A.T. The nucleation of high- T_c Nb_3Ge in the presence of impurities 8-88054
- Gavaler, J.R.** see Ashkin, M. 8-52137, 8-64172
- Gavaleshko, N.P.**, Gorley, P.N., Kavyuk, P.V., Solonchuk, L.S., Tarasyuk, I.I., Shenderovskii, V.A. Transverse and longitudinal Nernst-Ettingshausen effect in p-Te 8-76095
- Gavarri, J.-R.** Pb_3O_4 isomorphic compounds: evolution with temperature of $ZnSb_2O_4$ cell parameters 8-75642
- Gavasheli, A.Sh.** see Amaglobeli, N.S. 8-54652
- Gavazzi, G.**, Perola, G.C. A determination of the bivariate size-luminosity function of radio galaxies 8-65687
- Gavenda, J.D.**, Casteel, C.M. Anomalous propagation of ultrasound in metals by open-orbit electrons 8-51877
- Gaviglio, J.** see Dussauge, J.P. 8-94767
- Gavillet, P.**, Diaz, J., Dionisi, C., Gurtu, A., Hemingway, R.J., Losty, M.J., Marin, J.C., Mazzucato, M., Montanet, L., Pagiola, E., Blokzijl, R., Jongejans, B., Massaro, G.G.G., Voorthuis, H., Engelen, J.J., Kittel, W., Vergeest, J.S., van de Walle, R.T., Foster, B., Grossmann, P., McDowell, W.L. Backward production of a spin-parity 1^+ Kp resonance at 1.28 GeV 8-70409
- Gavillet, P.** see Baubillier, M. 8-93877
- Gavillet, P.** see Jongejans, B. 8-78177
- Gavillet, Ph.**, Dionisi, C., Gurtu, A., Hemingway, R.J., Losty, M.J., Marin, J.C., Mazzucato, M., Montanet, L., Pagiola, E., Blokzijl, R., Jongejans, B., Kluyver, J.C., Massaro, G.G.G., Engelen, J.J., Vergeest, J.S.M., Zralek, M., Foster, B., Grossmann, P., Wells, J. Backward production of the B meson in K⁻p interactions at 4.2 GeV/c 8-89736
- Gavillet, Ph.** see Dionisi, C. 8-89735
- Gavinskii, Yu.V.**, Vorozhtsov, B.I., Nemirov, Yu.V. Use of near-surface thermoelectric receivers for thermal monitoring of laminated structures 8-53107
- Gavlina, G.S.**, Zubenko, Yu.V. Adsorption of cesium on platinum 8-51822
- Gavoille, G.** see Hubsch, J. 8-68165
- Gavra, Z.** see Mintz, M.H. 8-76851
- Gavril, M.** Free-free photoabsorption of electron-atom systems 8-62770
- Gavril, M.**, van der Wiel, M. Free-free radiative transitions of electron-atom systems 8-90295
- Gavrilenko, I.S.**, Markiv, V.Ya. The isothermal sections of phase diagram for the Sc-Mn-Ga and Sc-Fe-Ga systems 8-92235
- Gavrilenko, I.S.** see Bodak, O.I. 8-84773
- Gavrilenko, I.S.** see Savitskii, E.M. 8-56618
- Gavrilenko, V.G.**, Kovner, M.S., Mart'yanov, A.I. Wave scattering by a turbulent jet 8-50992
- Gavrilenko, V.G.**, Zelekson, L.A. Sound amplification in nonuniform flow 8-83158
- Gavrilenko, V.G.** see Begishvili, G.A. 8-71017
- Gavrilenko, V.I.**, Zuev, V.A., Kalandadze, T.M., Popov, V.G. Correlation between the electrooptic and electric characteristics of epitaxial Si films 8-60453
- Gavrilentov, V.A.** Some aspects of determining the overall dimensions of a cylindrical luminous body for luminaires with paraboloid reflectors 8-63165
- Gavrilidis, C.**, Palmer, A.W. A total internal reflection modulator using small glancing light angles 8-74987
- Gavrilik, A.M.**, Shirokov, V.A. Analysis of representations of the $SU(4,1)$ group of the hadron dynamical symmetry and the masses of charmed particles 8-74237
- Gavrilin, I.V.** see Ershov, G.S. 8-79791
- Gavrilov, V.P.** see Bogorodskii, V.V. 8-53671
- Gavrilov, F.F.** see Birkle, G.V.B. 8-52542
- Gavrilov, F.F.** see Lushchik, Ch.B. 8-72574
- Gavrilov, G.M.** Change in the properties of quenched steel in magnetic field 8-52985
- Gavrilov, G.M.** see Borodovskii, Ya.A. 8-56156
- Gavrilov, G.N.**, Petukhov, V.V., Ryabinin, A.G., Ryabinin, G.N., Brublevskaya, T.V. Total hydrodynamic efficiency of an underwater electric discharge 8-51388
- Gavrilov, M.N.**, Leshtan, I.N., Kharitonov, N.I. Deformation diagram of steel subject to complex low-cycle loading 8-52908
- Gavrilov, N.M.**, Shved, G.M. Multiple-point method for identifying wave components on airlog charts 8-73526
- Gavrilov, V.A.** see Vasil'ev, V.V. 8-61736
- Gavrilov, V.N.** see Zolotoyabkov, E.V. 8-92032
- Gavrilov, V.P.** Physical-chemical properties of the intra- and extracellular media at low temperatures. Effect of non-electrolytes 8-53355
- Gavrilov, Yu.D.** see Byistrov, V.F. 8-88694
- Gavrilova, A.V.**, Kaplun, Yu.A., Pastukhova, Zh.P. Structure and properties of beryllium bronze after ageing under load 8-84932
- Gavrilova, G.S.** see Belov, N.V. 8-51520
- Gavrilova, I.V.** see Magataev, V.K. 8-72477
- Gavrilova, N.D.**, Novik, V.K., Smirnov, P.S. Influence of impurities on the dynamic specific heat of triglycine sulfate single crystals 8-91448
- Gavril'yev, A.I.**, Krivoschapkin, P.A., Kuz'min, A.I., Skripin, G.V., Filippov, V.A. Stellar-daily cosmic-ray variation 8-69626
- Gavriyluk, M.I.** see Kozlova, M.N. 8-60651
- Gavriyluk, V.D.**, Glova, A.F., Golubev, V.S., Lebedev, F.V. Investigation of the efficiency of pumping of fast-flow CO_2 lasers by an alternating-current discharge 8-50801
- Gavriyluk, V.G.** Investigation of the state of cementite in cold-worked steel by the method of nuclear gamma-resonance 8-68706
- Gavrilyuk, V.G.** see Gridnev, V.N. 8-64558, 8-84768
- Gavrin, P.P.** see Afonin, I.P. 8-54911
- Gavrish, A.M.** see Sukharevskii, B.Ya. 8-83806
- Gavroglu, K.** see Baltas, A. 8-70367
- Gavron, A.** see Eyal, Y. 8-82373
- Gavryushin, V.M.** see Gerasimov, V.P. 8-75306
- Gavyellis, R.V.** Effect of screening by conduction electrons on phase transitions in ferroelectric semiconductors 8-84537
- Gawain, T.H.**, Ball, R.E. Improved finite difference formulas for boundary value problems 8-73856
- Gawedzki, K.** Existence of three phases for a $P(\phi)$ model of quantum field 8-49951
- Gawedzki, K.** Supersymmetric-mathematics of supergeometry 8-73891
- Gawronska, E.** see Bugajski, M. 8-52583
- Gay, B.**, Assassa, G.M. Finite element solution of boundary layer equations 8-79304
- Gay, B.** see Assassa, G.M. 8-94657
- Gay, J.**, Rabbia, Y. Rapid measurement of the dimensions of an infrared detector by Fresnel diffraction 8-89435
- Gay, J.B.** see Dionisi, C. 8-89735
- Gay, J.B.** see Teodoro, D. 8-89767
- Gay, J.G.** see Smith, J.R. 8-95329
- Gay, M.**, Baker, R.D., Blissett, J.A., Bloodworth, I.J., Broome, T.A., Hart, J.C., Hughes, C.M., Lintern, A.L., Magon, V.K., Malary, M.L., Maybury, R., Farham, A.G., Payne, B.T., Sanford, T.W.L., Saxon, D.H., Walker, T.G. New results on the reaction $\pi^-p \rightarrow K^0\Lambda^0$ between 1400 and 2380 MeV/c 8-70405
- Gay, R.K.L.**, Chin, K.K., Chua, S.H., Chan, C.H., Ho, S.Y. Node reordering algorithms for water network analysis 8-85613
- Gay, R.K.L.** see Chin, K.K. 8-85614
- Gay, R.R.** see Henrich, V.E. 8-71920
- Gayer, R.A.**, Powell, D.B., Rhodes, S. Deformation against metadolerite dykes in the Caledonides of Finnmark, Norway 8-61375
- Gayet, R.** see Chemin, J.F. 8-74750
- Gayler, J.** see Brasse, F.W. 8-78194
- Gayler, R.** see Morris, J.B. 8-54852
- Gayley, R.I.** see Wang, T.C. 8-88083
- Gaylord, A.S.** see Dykstra, C.E. 8-66532
- Gaylord, T.K.** see Magnusson, R. 8-54198, 8-66911, 8-66912
- Gayther, D.B.** A measurement of the $^6Li(n,\alpha)$ cross-section 8-70516
- Gazanhes, C.**, Leandre, J., Lefebvre, J.P. Spectral structure of an ultrasound wave scattered by a random surface: application to the scattering of sound from the sea surface 8-63225
- Gazanhes, C.**, Sessarego, J.P., Garnier, J.L. Identification of modes in some conditions of sound propagation in shallow water 8-59181
- Gazaryan, K.A.** see Asatiani, T.L. 8-73598
- Gazeau, J.P.** Four Euclidean conformal group in atomic calculations: exact analytical expressions for the bound-bound two photon transition matrix elements in the H-atom 8-62776
- Gazeou, J.P.**, Dumont-Lepage, M.C. Gel'fand lattice polynomials and irreducible representations of $U(n)$ 8-49700
- Gazet, J.**, Lachenal, G., Gauthier, J. Phase transitions in anhydrous barium perchlorate 8-83939
- Gaziev, U.Kh.** see Fattakhov, A.A. 8-94455
- Gaziev, U.Kh.** see Koltun, M.M. 8-79195
- Gaziev, U.Kh.** see Li, V.V. 8-94422
- Gazit, Y.** see Zweigenbaum, S. 8-83611
- Gazquez, J.L.**, Parr, R.G. Two-parameter statistical model for atoms 8-55124
- Gazso, J.**, Hajto, J. Self-controlled laser-beam chopping effect in GeSe₂ thick films 8-60528
- Gazzaly, M.** see Frankel, S. 8-70524
- Gazzaly, M.M.** see Nasser, M.A. 8-70532
- Gazzillo, D.** see Ciccarliello, S. 8-83710
- Gazzillo, D.** see Malanotte Rizzoli, P. 8-53654
- Gazzinelli, R.** see Gonzaga, L.V. 8-91932
- Gazzoli, D.** see Cordischi, D. 8-52341
- Gburski, Z.** Force field and mean square amplitudes in PrF_3 molecule-orbital valency force field approximation 8-74627
- Ge Ming** see Chen Yi-zhi 8-95751
- Geaga, J.V.** see Nasser, M.A. 8-70532
- Geana, D.** see Landauer, O. 8-85028
- Gear, J.S.S.** see Ardran, G.M. 8-61259
- Geard, C.R.**, Povlas, S., Marino, S. Monoenergetic neutron induced effects on cell progression in broad bean roots 8-65086
- Geary, J.M.** A simple model of flare light in microdensitometers 8-58008
- Geary, J.M.**, Penney, G.W. Charge-sheath model of cathode directed streamer propagation 8-67459
- Geary, M.J.**, Haque, A.K.M.M. A spectrometer for the study of stopping power and straggling for alpha particles in liquid 8-82563
- Gebala, S.** Photo-thermal influencing of the coefficient of refraction in optical glasses 8-52465
- Geballe, T.H.** see Chin, G.Y. 8-76199
- Geballe, T.H.** see Dayem, A.H. 8-80473

- Geballe, T.H.** *see* Poon, S.J. 8-88066
- Geballe, T.R.** *see* Douma, B.S. 8-59059
- Gebalov, V.I.,** Samoylovich, V.G., Filippov, Y.V. Numerical simulation of silent discharge in oxygen 8-63629
- Gebauer, H.** *see* Buttgenbach, S. 8-55133, 8-66214
- Gebbie, D.W.** *see* Aniol, K.A. 8-78397
- Gebbie, H.A.** *see* Jones, D.T.L. 8-82722
- Gebel, C.,** Reitzer, H., Bues, M. Diffusion of macromolecular solutions in the boundary layer 8-87368
- Gebelein, R.** Is replication real? 8-66962
- Gebert, W.** *see* Cohen, I. 8-66123
- Gebhardt, E.** *see* Stapf, I. 8-51472
- Gebhardt, F.G.** *see* Dan Currie, G. 8-79138
- Gebhardt, U.,** Urnich, W. Simulation of interference in heart pacemakers 8-81069
- Gebhardt, U.** *see* Irnich, W. 8-88765
- Gebhardt, W.,** Geisel, T., Hochheimer, H.D., Spanner, E. Phase diagrams of NH_4I and NH_4Br from Raman measurements at high pressure 8-52776
- Gebhardt, W.,** Muller-Lierheim, W. The ferroelectric soft mode in $\text{Pb}_2\text{Ge}_2\text{O}_{11}$ and in the $\text{Pb}_2\text{Ge}_{3-x}\text{Si}_x\text{O}_{11}$ mixed crystal system 8-80304
- Gebhart, B.** *see* Mahajan, R.L. 8-59388
- Gebhart, B.** *see* Miller, R.M. 8-94680
- Gebhart, B.** *see* Qureshi, Z.H. 8-94696
- Gebhart, B.** *see* Shaikatullah, H. 8-91043
- Gebicki, J.M.** *see* Golian, C. 8-82092
- Gebicki, W.,** Nazarewicz, W. Far infrared reflection spectra of $\text{Mn}_x\text{Cd}_{1-x}\text{Te}$ mixed crystals 8-52497
- Gebureck, P.,** Om Pal Singh, Stegemann, D. Experimental and theoretical noise analysis investigations in Boiling Water Reactors 8-94065
- Gecim, S.,** Sealy, B.J., Stephens, K.G. Carrier removal profiles from oxygen implanted GaAs 8-56154
- Gecit, M.R.,** Erdogan, F. Frictionless contact problem for an elastic layer under axisymmetric loading 8-83341
- Gecit, M.R.,** Erdogan, F. The effect of adhesive layers on the fracture of laminated structures 8-90791
- Geckeler, S.** Dispersion in optical fibers: new aspects 8-55433
- Geckeler, V.S.** Group delay differences in optical waveguides with graded index profile 8-50906
- Gedakyan, J.A.,** Kostanyan, K.A., Unanyan, L.G. Reaction in the system $\text{ZnO-Sb}_2\text{O}_3\text{-O}_2$ 8-52699
- Gedanken, A.,** Levy, M. New instrument for circular dichroism measurements in the vacuum ultraviolet 8-49913
- Gedanken, A.** *see* Stein, I. 8-58751
- Geddes, L.A.** *see* Bourland, J.D. 8-57054
- Geddes, L.A.** *see* Tacker, W.A., Jr. 8-57052
- Geddes, M.E.** *see* Bourland, J.D. 8-57055
- Geddo, M.,** Stella, A., Soncini, G. Photoelectron-grain boundary scattering in Al films of MOS structures 8-64120
- Gedemer, T.** *see* Gauger, G. 8-80272
- Gedeonov, L.L.,** Blinov, V.A., Stepanov, A.V., Tishkov, V.P., Maksimova, A.M., Antipov, A.A. Complex of devices for sampling and measuring tritium in environmental objects 8-86699
- Gee, B.** Models as a pedagogical tool: can we learn from Maxwell? 8-86065
- Gee, C.N.P.** *see* Alper, B. 8-70414
- Gee, D.** *see* Burnett, T.H. 8-89853, 8-89854
- Gee, D.G.** Nappe displacement in the Scandinavian Caledonides 8-81143
- Gee, P.T.** *see* Machin, E.S. 8-51466
- Geer, J.** The scattering of a scalar wave by a slender body of revolution 8-81857
- Geer, M.O.** *see* Collins, W.C. 8-71174
- Geerts, J.** *see* Kivits, P. 8-60159
- Geesaman, D.F.,** Davids, C.N., Henning, W., Kovar, D.G., Rehm, K.E., Schiffer, J.P., Tabor, S.L., Prosser, F.W., Jr. Search for structure in the fusion of $^{16}\text{O}+^{40}\text{Ca}$ 8-82404
- Geesaman, D.F.** *see* Davids, C.N. 8-70436
- Geesaman, D.F.** *see* Paul, M. 8-54800
- Geesaman, D.F.** *see* Tabor, S.L. 8-78412
- Geesaman, D.F.** *see* Zeidman, B. 8-58308, 8-58309
- Geetharani, K.,** Sathyanarayana, D.N. Molecular vibrations and force field of 2-thiohydantoin and 2-thiohydantoin- d_2 8-62779
- Geffen, N.** Variational formulations for non-linear wave propagation and unsteady transonic flow 8-55660
- Geffers, H.** *see* Stauch, M. 8-80962
- Geguzin, Ya.E.,** Kontorovich, S.I., Makarovskii, N.A., Ponomareva, T.P., Schchukin, E.D. Some special features of dissociation of metallic films on solid monocrystalline support 8-51830
- Geguzin, Ya.E.,** Kudin, A.M., Paritskaya, L.N. Appearance of cracks in diffusion zones 8-76727
- Geguzin, Ya.E.,** Makarovskii, N.A., Bogdanov, V.V. Investigation of the 'nodule' mechanism of diffusion-induced disintegration of a polycrystalline thin film on a solid substrate 8-51829
- Geguzin, Ya.E.,** Matsokin, V.P., Vitars, K. Dislocation rosettes of diffusion origin 8-83820
- Gehlen, P.C.** *see* Sinclair, J.E. 8-75667
- Gehlhoff, W.** On the calculation of superhyperfine structures 8-80195
- Gehlich, U.K.** *see* de Vegt, C. 8-65709
- Gehlig, R.** *see* Salje, E. 8-79766
- Gehm, K.** *see* Schiller, S. 8-76604
- Gehrels, T.** *see* Lane, A.L. 8-93133
- Gehren, T.** On the chemical composition and age of β Vir 8-61855
- Gehringer, C.** *see* Haas, B. 8-54675
- Gehrke, R.J.** *see* Helmer, R.G. 8-90015
- Gehr, R.D.,** Hackwell, J.A. Exploring the infrared universe from Wyoming 8-85848
- Gehrz, R.D.** *see* Sneden, C. 8-93198
- Geib, K.M.** *see* Kee, R.W. 8-95375
- Geich-Gimbel, C.** *see* Bosetti, P.C. 8-70357
- Geick, R.** *see* Droste, R. 8-68537
- Geick, R.** *see* Lehner, N. 8-79772
- Geifman, I.N.** *see* Bykov, I.P. 8-88179
- Geiger, A.L.** Surface oxidation of non-oriented silicon-aluminum electrical steels during annealing 8-68838
- Geiger, D.** *see* Antonini, G. 8-87344
- Geiger, G.E.,** Mandal, S.K. Heat transfer and friction factors of high Prandtl number laminar flow through an annulus with circumferential fins 8-94730
- Geiger, J.,** Katterwe, H., Muller, H.W., Schroder, B. Phonon spectroscopy of amorphous versus crystalline material by high energy electron impact spectroscopy (HEEIS) 8-83898
- Geiger, K.W.** *see* Van Der Zwan, L. 8-93996
- Geil, P.H.** *see* Anderson, J.M. 8-91264
- Geil, P.H.** *see* Hasegawa, H. 8-51441
- Geil, W.,** Schmutge, K. The effect of radial and axial temperature gradients on the stress in crystals 8-67672
- Geilikman, B.T.,** Chechetkin, V.R. Kinetic properties of superfluid He^3 8-56006
- Geinats, G.S.** *see* Khrapkov, A.A. 8-76766
- Geipel, W.** Experiments on particle deposition in sampling lines 8-81472
- Geise, H.J.** *see* Van den Enden, L. 8-50658
- Geisel, T.** Theory of Raman scattering from mobile ions in superionic conductors 8-80352
- Geisel, T.** *see* Gebhardt, W. 8-52776
- Geiser, A.I.** *see* Domashevskii, B.N. 8-53094
- Geiser, H.** *see* Rodder, P. 8-50267
- Geisler, C.D.** *see* Javel, E. 8-61194
- Geisler, W.S.** The effects of photopigment depletion on brightness and threshold 8-56977
- Geisler, W.S.** Adaptation, afterimages and cone saturation 8-56978
- Geiss, J.** *see* Coplan, M.A. 8-85793
- Geiss, J.** *see* Shelley, E.G. 8-85810
- Geissel, H.,** Guttner, K., Knapp, G., Faust, W., Hofmann, S., Munzenberg, G. Discrimination between different ions using thin scintillator films as time-of-flight detectors 8-86718
- Geissel, H.** *see* Bimbot, R. 8-58527
- Geissler, E.,** Hecht, A.M. Dynamic light scattering from gels in a poor solvent 8-88318
- Geissler, W.** Calculation of unsteady airloads on oscillating three-dimensional wings and bodies 8-71354
- Geist, W.M.** *see* Blobel, V. 8-58213
- Geist, W.M.** *see* Bockmann, K. 8-93912
- Geist, W.M.** *see* Idschok, U. 8-93908
- Gejji, F.H.,** Holt, D.B. Azimuthal rotation in epitaxial GdSe/Ge (111) heterojunctions 8-84085
- Gejl-Hansen, F.** *see* Flink, J.M. 8-54450
- Gekelman, W.,** Vanek, V., Wong, A.Y. The characterization of a laser-produced negative-hydrogen-ion plasma 8-67409
- Gelan, J.** *see* van Bockstaele, M. 8-95599
- Gelardi, F.M.** *see* Boscaino, R. 8-60327
- Gelashvili, G.V.** *see* Barkhudarov, E.M. 8-71617
- Gelatt, C.D., Jr.,** Ehrenreich, H., Weiss, J.A. Transition-metal hydrides: Electronic structure and the heats of formation 8-51923
- Gelb, A.,** Cardillo, M.J. Classical trajectory calculations of the dissociation of hydrogen on copper. III. The effect of surface roughness 8-76925
- Gelb, A.** *see* Alper, J.S. 8-82819
- Gelb, A.** *see* Gregory, A.R. 8-73087
- Gelbin, D.** *see* Langer, G. 8-75200
- Gelbke, C.K.,** Olmer, C., Buerner, M., Hendrie, D.L., Mahoney, J., Mermaz, M.C., Scott, D.K. Energy dependence of peripheral reactions induced by heavy ions 8-74399
- Gelbke, C.K.** *see* Barrette, J. 8-58296
- Gelbke, C.K.** *see* Olmer, C. 8-82379
- Gelbwachs, J.,** Klein, C., Wessel, J. Elemental analysis at sub-parts-per trillion concentrations by SONRES 8-81465
- Gelbwachs, J.A.,** Klein, C.F., Wessel, J.E. Single-atom detection by one-photon and two-photon SONRES 8-85282
- Gel'd, P.V.,** Dovgopol, M.P., Dovgopol, S.P., Radovskii, I.Z. Magnetic susceptibility and short-range order structure of iron carbide melts 8-84382
- Gel'd, P.V.** *see* Adameski, R.A. 8-92275
- Gel'd, P.V.** *see* Alekseev, Yu.S. 8-56050
- Gel'd, P.V.** *see* Gushchin, V.S. 8-84601
- Gel'd, P.V.** *see* Kagan, G.E. 8-68681
- Geld, P.V.** *see* Mokhracheva, L.P. 8-63961
- Gel'd, P.V.** *see* Petrushevskii, M.S. 8-95729
- Gel'd, P.V.** *see* Povsher, A.A. 8-68161
- Gel'd, P.V.** *see* Sachkov, I.N. 8-60268
- Gel'd, P.V.** *see* Sozontova, G.N. 8-80512
- Geldart, D.J.W.** *see* Jena, P. 8-60093
- Geldenhuys, J.,** Wiid, D.H. RKKY interaction and conduction electron polarization 8-91859
- Gelder, P.De** *see* De Gelder, P.
- Geldner, E.** *see* Baumann, W. 8-62285
- Geldzahler, B.J.** *see* Shaffer, D.B. 8-86029
- Geldzahler, B.J.** *see* Witzel, A. 8-69894
- Gelee, M.** *see* Frejaces, C. 8-66361
- Geleji, F.,** Koczy, L., Fulop, I., Bodor, G. Properties of polypropylene fibers made from polymer homologue mixtures 8-76709
- Gelev, M.G.,** Mishev, I.T., Stoikova, B.G. Neutron spectra and doses in the experimental canals of the IRT-2000 reactor in Sofia 8-82489
- Gelfand, B.E.** *see* Voskoboinikov, I.M. 8-63807
- Gelfand, E.** *see* Whitmore, J. 8-74289
- Gelfand, I.M.** *see* Arshavskii, Yu.I. 8-96042
- Gelfand, J.** *see* Macy, W., Jr. 8-53871
- Gelfand, N.,** Dagan, S., Lissauer, D., Oren, Y., Abrams, G.S., Barnham, K.W.J., Daugeras, B.Y. Amplitude analysis of the reaction $\pi^+p \rightarrow p^0\Delta^{++}$ at 3.75 GeV/c 8-74274
- Gelfand, R.** *see* Kinney, J.A.S. 8-61173
- Gelfgat, I.M.,** Syrkin, E.S. The theory of Kapitza resistance 8-51758
- Gelfgat, I.M.,** Syrkin, E.S. Surface waves in laminar crystals 8-84041
- Gelfgat, Yu.M.,** Krumin, Yu.K., Plyusnina, L.A. A cylindrical linear induction pump with coils inclined to its longitudinal axis. II. Calculation of electrodynamic forces and experiments 8-94843
- Gelfgat, Yu.M.,** Ol'shanskii, S.V. Velocity structure of flows in nonuniform constant magnetic fields 8-75215
- Gelhar, L.W.** *see* Flores, E.Z. 8-81241
- Gelikonov, V.M.,** Zaitsev, Yu.I. Fluctuations of the radiation intensity of an He-Cd laser 8-71087
- Gelinas, L.** *see* Lajoie, J. 8-77234
- Gell, Y.,** Nakach, R. Resonance-like structure for soliton characteristics in an electron beam-plasma system 8-79429
- Gell-Mann, M.** *see* Brink, L. 8-49744, 8-65856
- Geller, A.Ya.** *see* Roitburd, I.A. 8-76814
- Geller, K.N.** *see* Da Hsuan Feng 8-82286
- Geller, M.** *see* Kakar, R.K. 8-70821
- Geller, R.** Plasma with multiply ionized species 8-75388
- Geller, R.J.,** Stein, S. Normal modes of a laterally heterogeneous body: a one-dimensional example 8-88797
- Geller, R.J.** *see* Miller, W.F. 8-85712
- Geller, S.,** Chan, L.Y.Y., Ruse, G.F. Electrical conductivity and crystal structure of piperazinium 10-silver 12-iodide.4-dimethylformamide 8-75871
- Geller, S.** *see* Chan, L.Y.Y. 8-51527
- Geller, V.M.** *see* Muller, Ya.N. 8-50754
- Geller, V.Z.** Generalization of experimental results on the thermal conductivity of Freons 21, 22, and 23 8-83513
- Geller, Yu.A.,** Sagadeeva, T.G., Tokmin, A.M. Die steels with high heat resistance and toughness 8-84989
- Gellert, M.** *see* Laursen, M.E. 8-75067
- Gellert, R.L.** *see* Erdmann, J.C. 8-66760
- Gelles, R.,** Allen, A. The essential beam expander 8-50839
- Gelles, S.H.** Microgravity studies in the liquid-phase immiscible system: aluminium-indium 8-84770
- Gelletly, W.** *see* Varley, B.J. 8-93971
- Gelmont, B.L.** Auger recombination in diamond-like narrow-gap semiconductors 8-63978
- Gel'mont, B.L.** Three-band Kane model and Auger recombination 8-87897
- Gel'mont, B.L.,** Golubev, V.G., Ivanov-Omskii, V.I. Instability of the current in $\text{Cd}_{1-x}\text{Hg}_x\text{Te}$ subjected to a magnetic field 8-87980
- Gel'mont, B.L.,** Ivanov-Omskii, V.I., Ukraintsev, E.N. The frequency dependent dielectric function of gapless semiconductors in a magnetic field 8-63994
- Gel'mont, B.L.** *see* Baranovskii, S.D. 8-84168
- Gel'mukhanov, F.Kh.** *see* Kondratenko, A.V. 8-86883, 8-86886

- Gel'perin, N.I.**, Krupnik, L.I., Memediyev, Z.N., Ainshtein, V.G. Wall-particle interaction in a vertical gas suspension flow 8-59461
- Gelsdorf, F.**, Krause, H. Electrohydrodynamical transient flow in the liquid aromatics anthracene and naphthalene 8-75895
- Gelsema, E.S.** see Landeweerd, G.H. 8-77136
- Geltman, S.** Ionisation dynamics of a model atom in an electrostatic field 8-90311
- Gelyasin, A.E.** see Vasilev, E.A. 8-64200
- Gemanov, V.A.** see Asratyan, A.E. 8-62389
- Gemert, W.J.Th.** Van see Van Gemert, W.J.Th.
- Gemmek, H.** see Caplar, R. 8-78262
- Gemmell, D.S.**, Kanter, E.P., Pietsch, W.J. Structure effects seen in the dissociation of 3.5-MeV beams of CO_2^+ and N_2O^+ in thin foils 8-50631
- Gemmell, D.S.** see Gaillard, M.J. 8-74752
- Gemmell, D.S.** see Schiffer, J.P. 8-66186
- Gemperle, A.** see Cihal, V. 8-60875
- Gemperle, A.** see Libovicky, S. 8-63769
- Gemperle, R.**, Kraus, L., Schneider, J. Magnetization reversal in amorphous $(\text{Fe}_{1-x}\text{Ni}_x)_{80}\text{P}_{10}\text{B}_{10}$ microwires 8-91885
- Gemund, H.P.** see Bostanjoglo, O. 8-84465
- Gen, M.**, Seguchi, Y., Iwatsubo, T. Reliability of a structure using chance-constrained programming 8-63338
- Gen-Hua Dai** see Dai Gen-Hua
- Genack, A.Z.**, Brewer, R.G. Optical coherent transients by laser frequency switching 8-66873
- Genack, A.Z.** see Brewer, R.G. 8-86974
- Genack, A.Z.** see Macfarlane, R.M. 8-68555
- Genand-Riondet, N.**, Imbert, P., Lericque, J.F. Improved electromagnetic velocity drive for Mossbauer experiments 8-66022
- Genant, H.K.**, Doi, K., Mall, J.C., Sickles, E.A. Critical assessment of imaging parameters and clinical relevance for magnification skeletal radiography 8-69185
- Genant, H.K.** see Sickles, E.A. 8-69187, 8-85365
- Gence, J.-N.**, Mathieu, J. Evidence, in the case of a flow in a distorting duct of restoration of turbulent energy 8-90841
- Gence, J.N.** see Bertoglio, J.-P. 8-63435
- Genchev, N.V.** see Pandev, I.N. 8-78053, 8-82558
- Genchev, Z.D.**, Vranchev, A.I. Ionization waves in low-voltage argon arc 8-87563
- Genchev, Z.D.** see Vranchev, A.I. 8-79481
- Genchev, Zh.D.**, Vranchev, A.I. Ionization instability in a plasma (kinetic theory) 8-83519
- Gendeleev, S.Sh.**, Saksonov, Yu.G. X-ray determination of the thickness of the deformed surface layer in ferrogarnet crystals 8-53119
- Gendener, A.M.** van see Van Gendener, A.M.
- Gendener, A.M.** van see Van Gendener, A.M.
- Gendener, J.L.** van see Van Gendener, J.L.
- Gendler, T.S.**, Florenskii, P.V., Kuzmin, R.N. The state of iron ions as an indicator of conditions during the formation of tektites-irgizites 8-61420
- Gendler, T.S.** see Bagin, V.I. 8-57195
- Gendreau, C.L.** see Park, J.B. 8-81072
- Gendreau, R.M.**, Jakobsen, R.J. Fourier transform infrared techniques for studying complex biological systems 8-68945
- Gendrin, R.** see Chanteur, G. 8-61678
- Gendrin, R.** see Christiansen, P. 8-53774
- Gendugov, V.M.** Stability of a gas-liquid interface behind a shock wave front slipping along the surface of a liquid film 8-55630
- Gendugov, V.M.** Heat and mass exchange in the turbulent boundary layer with combustion behind shock wave slipping along surface of film of liquid fuel 8-71401
- Genechten, J.** van see van Genechten, J.
- Genequand, P.** see Schmid, H. 8-95553
- Generalov, N.A.**, Zimakoff, V.P., Kosinkin, V.D., Raizer, Yu.P., Roytenbourg, D.I. High-power non-self-sustained discharge with ionization by repeating electrodeless pulses in closed cycle laser 8-71514
- Generalova, V.V.** see Berlyand, V.A. 8-73257
- Genet, J.**, Madaune, M. Singular perturbations for a class of nonlinear hyperbolic-hyperbolic problems 8-58111
- Genet, M.** see Krupa, J.C. 8-58540
- Genevay-Rivier, J.**, Treherne, J., Danie, J., Beraud, R., Meyer, M., Rougny, R. High-spin states in $^{104,105}\text{Cd}$ 8-62484
- Geneys, C.**, Vilminot, S. Structural study of tin (II) fluorobromide SnBr_2F_2 8-79591
- Geng, P.** see Jacobi, K. 8-94443
- Genicon, J.L.** see Cornut, B. 8-80122
- Genin, J.** see Genin, R. 8-86114
- Genin, L.G.**, Manchukha, S.P., Sviridov, V.G. Coefficient of turbulent transfer in the flow of a liquid metal in a tube in a longitudinal magnetic field 8-75220
- Genin, R.**, Brezel, P. A thermal relaxation oscillator for temperature measurements 8-73992
- Genin, R.**, Genin, J. New model of a nonlinear oscillator giving two sinusoidal signals in quadrature 8-86114
- Genio, A.D.** Del see Del Genio, A.D.
- Genis, A.**, Newell, D.E. Using the X-Y flexure watch crystal as a pressure-force transducer 8-57934
- Gennes, P.-G.** de see de Gennes, P.-G.
- Gennes, P.G.** de see de Gennes, P.G.
- Gennes, P.G.** de see De Gennes, P.G.
- Genoni, T.C.** see Proctor, W.A. 8-50419
- Genotel, D.** see Balossier, G. 8-62268
- Genouillac, G.V.** de see de Genouillac, G.V.
- Genoux-Lubain, A.**, Ardisson, G. The low energy gamma radiation which accompanies the alpha decay of ^{241}Am 8-74342
- Genov, D.T.** see Khristova, M.G. 8-82530
- Genov, D.T.** see Pandev, I.N. 8-78053
- Genova, D.T.** see Pandev, I.N. 8-82558
- Genshaft, Yu.S.**, Semenova-Tyan-Shanskaya, A.S., Naletov, A.M., Bokii, G.B. Some distinctive features of the structure and properties of synthetic polycrystalline diamonds 8-84994
- Gensho, R.** see Yanagita, S. 8-78399
- Gensini, P.M.** Analytic and unitary representation for the pion form factor at all Q^2 8-58188
- Gentchev, V.I.**, Markov, P.K., Sultanov, G.G., Todorov, P.T., Trayanov, R.K., Zayachki, V.J., Vestergombi, G., Geshkov, I.M., Krivohizhin, V.G., Kukhtin, V.V., Likhachov, M.F., Takhtamishv, G.G., Savin, I.A. Experimental study of the matrix element for $K_1^0 \rightarrow \pi^+ \pi^- \pi^0$ decay 8-78174
- Gentilcore, P.C.** see Fager, R.S. 8-64926
- Gentile, A.L.** see Pinnow, D.A. 8-74974
- Gentili, H.** see Janzen, P. 8-58348
- Gentit, F.X.** see Pernegr, J. 8-50047
- Gentile, K.**, Brower, D., Caldwell, G., Cardwell, G., Floyd, J., Harris, W., Hutchins, S., Patterson, D., Wildi, P. Design review of the TST fusion plasma research facility 8-54984
- Gentile, K.W.**, Nishida, Y., Hirase, A., Skarsgard, H.M. Comment on 'Rapid thermal transport from a turbulent skin layer to plasma core in a toroidal experiment' [Reply to the comment of K.W. Gentile] 8-59659
- Gentile, K.W.** see Richardson, R. 8-83530
- Gentner, J.O.**, Gerthsen, P., Schmidt, N.A., Send, R.E. Dielectric losses in ferroelectric ceramics produced by domain-wall motion 8-84541
- Gentry, J.**, Spurny, K., Weiss, G., Opiela, H. Measurement of collection efficiency of amosite fibers 8-81341
- Gentry, J.W.** Applications of the four-parameter distribution to electrostatic charge and particle size distribution 8-85213
- Gentry, J.W.**, Spurny, K.R. Measurements of collection efficiency of nucleopore filters for asbestos fibers 8-57351
- Gentry, J.W.** see Fan, K.C. 8-61592
- Gentry, J.W.** see Goldfarb, A.S. 8-69432, 8-81384
- Gentry, J.W.** see Hyun, Y. 8-77945
- Gentry, R.V.**, Christie, W.H., Smith, D.H., Boyle, J.W., Cristy, S.S., McLaughlin, J.F. Implications on unknown radio-activity of giant and dwarf haloes in Scandinavian rocks 8-81157
- Gentry, R.V.**, Halperin, J.H., Ketelle, B.H., O'Kelley, G.D., Stoughton, R.W., Adams, J.A.S. Reinvestigation of the α -activity of Conway granite 8-57210
- Gentry, W.R.**, Giese, C.F. Ten-microsecond pulsed molecular beam source and a fast ionization detector 8-66690
- Genty, C.**, Miller, J.J., Theobald, J.G. Spatial-temporal modulation in molecular beam spectroscopy. Phenomena in the neighbourhood of the resonance 8-90149
- Genuchten, M.Th.** Van see Van Genuchten, M.Th.
- Genuist, J.** Sideways-looking radar (SLR) using a synthetic aerial 8-69537
- Genz, H.**, Gorn, M. Producing explicit Y flavor in e^+e^- annihilation at DORIS energies 8-93890
- Genz, H.** see Gampp, W. 8-66112
- Genz, H.** see Pengra, J.G. 8-74340
- Genzel, H.** see Berger, Ch. 8-78586
- Genzel, L.**, Kuhl, J. A new version of a Michelson interferometer for Fourier transform infrared spectroscopy 8-49914
- Genzel, L.** see Perry, C.H. 8-75760
- Genzel, R.**, Downes, D., Moran, J.M., Johnston, K.J., Spencer, J.H., Walker, R.C., Hascick, A., Matveyenko, L.I., Kogan, L.R., Kostenko, V.I., Ronnang, B., Rydbeck, O.E.H., Moiseev, I.G. Structure and kinematics of H_2O sources in clusters of newly-formed OB stars 8-61901
- Genzel, R.** see Pauliny-Toth, I.I.K. 8-69902
- Genzow, D.** Anisotropy of photoconductivity in lead chalcogenides 8-52032
- Genzow, D.** On the interband absorption in lead-chalcogenides under linearly polarized light excitation 8-92089
- Geoffroy, K.A.** see Westerberg, L. 8-70484
- Geoffroy, K.A.**, Natowitz, J.B., Eggers, R., Kasi-radj, P., Nambodiri, M.N. Prompt γ -ray emission in the reactions of 120 MeV ^{20}Ne with ^{27}Al 8-74396
- Geoffroy, K.A.**, Natowitz, J.B., Eggers, R.C., Nambodiri, M.N. The prompt γ -ray de-excitation of evaporation residues of ^{39}K and ^{40}Ca 8-74395
- Georg, E.** see Fass, R. 8-86717
- George, E.B.**, Yakushin, M.I. Structure of the concentration boundary layer on models during erosion by a high-enthalpy air flow 8-67172
- Georgalas, C.G.**, Papargyropoulos, P.H. A possible pomeron building mechanism in the fragmentation region 8-89687
- Georgantopoulos, G.A.** see Pande, G.C. 8-94831
- George, A.R.** see Knight, W.D. 8-54504
- George, A.R.** see Noir, D.T. 8-63420
- George, C.**, Henin, F., Mayne, F., Prigogine, I. New quantum rules for dissipative systems 8-89611
- George, C.** see De Haan, M. 8-73876
- George, C.** see Prigogine, I. 8-49784
- George, Cl.** see Prigogine, I. 8-49748
- George, D.L.** Permissible concentration in air of xenon-127 8-61262
- George, E.P.**, Hamada, T. Quantum diffraction effects on the stopping power of plasma electrons 8-91064
- George, E.P.** see Hamada, T. 8-75257
- George, E.V.** see Krupke, W.F. 8-79027
- George, F.R.** see Hart, R.L. 8-85723
- George, F.W.**, III see Syed, A.M.N. 8-96083
- George, J.**, Vulcan, A.I. Development of a cesium beam clock for satellite application 8-57910
- George, J.** see Farhan, A.R. 8-89777
- George, J.D.** see Beatty, L.G. 8-79183
- George, J.M.** see Park, J.T. 8-66651, 8-82832
- George, K.J.**, Thomas, D.K. The Morning Cloud storm surge in the English Channel 8-88895
- George, K.P.** see Chaubey, R.C. 8-77088
- George, O.D.** A note on the stress singularity for the high frequency Reissner-Sagocci problem in a certain inhomogeneous medium 8-83239
- George, O.D.** Sudden twisting of a penny-shaped flow in a certain non-homogeneous elastic medium 8-87302
- George, P.** see Bock, C.W. 8-82636
- George, P.K.** Bubble state stability in rotating fields in garnets and under permalloy propagation patterns 8-68317
- George, S.M.** see Richardson, J.H. 8-58045
- George, T.F.** see Bellum, J.C. 8-90278
- George, T.F.** see De Vries, P.L. 8-55232
- George, T.F.** see De Vries, P.L. 8-74733
- George, T.F.** see Jian-Min Yuan 8-62863
- George, T.F.** see Lam, K.-S. 8-90275
- George, T.F.** see Slutsky, M.S. 8-79876
- George, T.F.** see Zimmerman, I.H. 8-62876
- George, V.**, Patel, S.M. Growth of single crystals of cubic zinc sulphide by double decomposition reaction in melt 8-60557
- George, V.** see Patel, S.M. 8-68614
- George, W.** see Sawyer, L.H. 8-80508
- George, W.K.**, Jr. Outline of a unified similarity theory for turbulent convection next to vertical surfaces 8-90890
- Georgelin, Y.M.** see Crampton, D. 8-61900
- Georgelin, Y.P.** see Crampton, D. 8-61900
- Georges, A.T.**, Lambropoulos, P. AC Stark splitting in doubly resonant three-photon ionization with nonmonochromatic fields 8-94220
- Georges, A.T.** see Agostini, P. 8-58632
- Georges, A.T.** see Hogan, P.B. 8-70808
- Georges, R.** see Chevalier, B. 8-79993
- Georgiou, C.**, Baker, J.G., Jones, S.R., Brier, P.N. The microwave spectrum of BrF_3 in excited vibrational states. A B_1-B_2 splitting of $k_l=3$ levels and a determination of the C rotational constant in the state $v_6(E)=1$ 8-94237
- Georgi, C.** see Schumann, B. 8-84104
- Georgi, H.** A model of soft CP violation 8-74196
- Georgi, H.** Use and misuse of the Drell-Yan formalism 8-78229
- Georgi, H.**, Politzer, H.D. Quark decay functions and heavy hadron production in QCD 8-62364
- Georgi, H.** see Ellis, R.K. 8-93848
- Georgiev, G.**, Milev, N. Two-magnon problem in linear anisotropic spin chains with an arbitrary radius of interaction 8-72320
- Georgiev, G.I.**, Markov, H.S. Localized magnons around a 'surface' impurity in a spin chain 8-84376
- Georgiev, G.M.** Polarization of unbound many-particle states in KDP-type crystals 8-84556

- Georgiev, G.M., Nickolov, J.S., Stanoev, P.K. Refractive indices of ammonium bioxalate monohydrate in the infrared region 8-52512
- Georgiev, M. *see* Nierzewski, K.D. 8-51539
- Georgiev, S.S. *see* Kirov, K.I. 8-88430, 8-95693
- Georgiev, V.K. *see* Petrov, I.N. 8-79625
- Georgieva, I.I. *see* Vateva, E.M. 8-84247
- Georgieva, I.Ya. *see* Romanova, R.R. 8-76647
- Georgieva, I.Ya. *see* Soshnikov, V.I. 8-67683
- Georgievskii, Yu.S., Pirogov, S.M., Chavro, A.I., Shukurov, A.Kh. On relation between statistical characteristics of aerosol particle size distribution and attenuation coefficients 8-53702
- Georgii, H.W. *see* Nottrodt, K.H. 8-85237
- Georgii, H.-W., Lenhard, U. Contribution to the atmospheric NH_3 budget 8-73469
- Georgii, H.-W. *see* Jaeschke, W. 8-73473
- Georgijevic, J.R., Georgijevic, V.J., Todorovic, M.S. Some effects of the magnetic field on the DC arc as a spectroscopic light source 8-7550
- Georgijevic, V.J. *see* Georgijevic, J.R. 8-87550
- Georgijevic, V.J. *see* Krstic, P.S. 8-71578
- Georgobiani, A.N., Kotlyarevskii, M.B., Lastovka, V.V., Noskov, D.A. Production of p-type ZnSe by ion implantation with arsenic 8-87700
- Georgobiani, A.N., Kotlyarevskii, M.B., Mikhailenko, V.N. Calculation of the equilibrium of defects in ZnS in contact with a gold film 8-95052
- Georgoulis, C. *see* Amblard, J. 8-87894
- Georgy, K.H. *see* Kamel, R. 8-52923, 8-64598
- Geosling, C.E., Manuccia, T.J. Enrichment of hydrogen isotopes using the low-temperature glow-discharge technique 8-66675
- Gerace, W.J. *see* Sparrow, D.A. 8-94034
- Gerald, S.A. Scientific results of 'VIKING' expeditions 8-73666
- Geranios, A. A search for the origin of very low electron temperatures 8-65477
- Geranios, A. The August 1972 cosmic ray storm. North-South anisotropies and related phenomena 8-89018
- Gerard, A. *see* Paques-Ledent, M.Th. 8-80321
- Gerard, H.M. *see* Otto, O.W. 8-71246
- Gerard, M., Govers, T.R., Marx, R. Luminescence in near-thermal charge exchange. III. $\text{CH}^{(+)}$ and $\text{CD}^{(+)}$ $\text{A} \rightarrow \text{X}$ emission from $\text{He}^+ + \text{C}_2\text{H}_2$ and $\text{He}^+ + \text{C}_2\text{D}_2$ 8-50632
- Gerard, P. *see* Deneuville, A. 8-84671
- Gerardin, C. *see* Warde, E. 8-58233
- Gerashchenko, O.A., Stas, A.G., Lukashевич, L.A., Grishchenko, T.G., Strakovskaya, R.Ya., Kovalenko, L.M. Differential calorimeter for measuring absorbed gamma-radiation dosage 8-85385
- Gerashchenko, O.A. *see* Letkii, V.M. 8-83509
- Gerashchenko, V.V., Dobrovolskii, N.D., Khon'kin, D.D. Analysis of influence of residual voltages on measurement accuracy in information-measurement systems 8-77828
- Gerashchuk, V.S., Gorobets, Yu.I. Honeycomb domain structure in magnetic films 8-56360
- Gerashimenko, A.N. On a kinematic mutuality principle in seismic prospecting by methods of reflected and refracted waves 8-69298
- Gerashimenko, A.N. On some integral representations of space-time functions in problems of seismic holography 8-85483
- Gerashimenko, A.N. Kinematic principle of binary seismic holography 8-92795
- Gerashimenko, N.N., Dobrovolskii, P.P., Kibalina, N.P., Stas, V.F. Investigation of a high-resistivity surface layer in electron irradiated silicon by Schottky barrier capacitance measurements 8-64093
- Gerashimenko, N.N., Kalinin, V.V., Stenin, S.I. Residual defects in implanted layers on silicon after high-temperature annealing 8-87695
- Gerashimenko, N.N., Kovalevskaya, T.I., Tseitlin, G.M. An investigation of hydrogen capture in SiO_2 films irradiated with ions 8-76505
- Gerashimenko, N.N. *see* Vikhrev, B.I. 8-95097
- Gerashimenko, V.A. *see* Khiminets, O.V. 8-88452
- Gerashimenko, V.I. Theory of inert gas adsorption on a metal surface 8-67911
- Gerashimenko, V.S., Turyanitsa, I.D., Khiminets, V.V., Tsitrovskii, V.V. Optical and acoustooptical properties of glasses of the system Hg-As-S-I 8-83053
- Gerashimenko, V.S. *see* Bletsan, D.I. 8-52513, 8-80414
- Gerashimenko, V.S. *see* Gurzan, M.I. 8-68514
- Gerashimenko, V.S. *see* Mitsa, V.M. 8-63159
- Gerashimenko, V.S. *see* Salo, L.A. 8-72527
- Gerashimenko, V.S. *see* Sheremet, G.P. 8-84589
- Gerashimov, A.B., Dolidze, N.D., Kasparyan, K.I., Konovalenko, B.M. Some characteristics of radiation defects in copper-doped germanium 8-55893
- Gerashimov, B.P., Elizarova, T.G., Gordienko, V.M., Sukhurov, A.P. Convective heat and mass transfer induced by a laser beam 8-93635
- Gerashimov, E.N. *see* Khatov, L.A. 8-56861, 8-93744
- Gerashimov, F.M. *see* Sergeev, V.P. 8-87174
- Gerashimov, G.N. Contraction of an electric discharge in inert gases at medium pressures 8-51379
- Gerashimov, G.N., Petrov, S.Ya. Experimental study of deactivation of the metastable $^3\text{P}_2$ state of argon in the afterflow 8-55769
- Gerashimov, G.N., Petrov, S.Ya., Sabirova, I.L. Krypton afterglow at moderate pressures 8-83640
- Gerashimov, N.T., Rosado, R., Schram, D.C. Effect of a microwave field on the cascade arc light emission 8-67599
- Gerashimov, S.N. *see* Bortnikov, A.V. 8-59643
- Gerashimov, V.A., Saprykin, A.I. Voltage on electrodes of spark-ion source of a mass spectrometer 8-74098
- Gerashimov, V.I., Biyushkin, V.N., Shopron, M.V., Ablov, A.V., Gerbeleu, N.V., Simonov, M.A., Belov, N.V. Crystal structure of complex of copper (II) with the Schiff base of o-aminobenzaldehyde and S-methyldithiocarbamate 8-95040
- Gerashimov, V.I., Zanegin, V.D., Tsvankin, D.Ya. Influence of neighboring fibrillas and shear deformations of crystals on the small-angle X-ray scattering 8-71690
- Gerashimov, V.P. Low-frequency polarized Raman spectra of some complex molecular crystals 8-84574
- Gerashimov, V.P., Shishkin, G.G., Gavryushin, V.M., Kim, V., Pertsev, A.A. Instabilities in a discharge with crossed E-H fields 8-75306
- Gerashimova, I.D., Krezhov, K.A., Neov, S.D., Sidzhimov, B.C. Neutronographic determination of the cation distribution in a nonstoichiometric Mn-Zn ferrite [neutron diffraction construction] 8-83656
- Gerashimova, N.G., Bogdanov, V.G., Nepoklobov, V.K. Two-beam recording spectrophotometer with compensated 100% line 8-74068
- Geraskina, G.P. *see* Kozlova, O.G. 8-59796
- Gerassimenko, M., Solodina, C.V., Nolte, J.T. Observational evidence of continual heating in X-ray emitting coronal loops 8-61841
- Gerassimenko, M. *see* Pye, J.P. 8-53902
- Gerassimova, I. *see* Neov, S. 8-83743
- Gerastchenko, O.A., Gristchenko, T.G., Rusakov, S.S., Sazhina, S.A. New heat-flux measuring devices for investigation of radiant heat exchange 8-94505
- Gerasyuk, A.K. *see* Starostin, N.V. 8-67995
- Gerbaux, X., Waldschmidt, J.M., Hadni, A. Application of the GETS method to preparation of thin monocrystalline films of deuterated TGS and TGSe for infrared spectroscopy 8-72742
- Gerbeleu, N.V. *see* Gerashimov, V.I. 8-95040
- Gerber, A.A., Kostyleva, N.A. Errors of four-terminal measuring circuits 8-77940
- Gerber, C. *see* Rohrer, H. 8-68245
- Gerber, D. Potential and limitations of no-contact temperature measurement by infrared rays 8-62203
- Gerber, G.B. *see* Maisin, J.R. 8-69153
- Gerber, G.E., Gray, C.P., Wildenauer, D., Khorana, H.G. Orientation of bacteriorhodopsin in Halobacterium halobium as studied by selective proteolysis 8-77010
- Gerber, J.A., Miller, D.J., Sellmyer, D.J. Magnetic ordering in amorphous Nd-Co, Gd-Co and Er-Co alloys 8-68190
- Gerber, J.A. *see* Gruzalski, G.R. 8-95432
- Gerber, J.A. *see* Tsai, T.H. 8-68184
- Gerber, J.P. *see* Eisenberg, Y. 8-54657
- Gerber, J.-P. *see* Braun, H. 8-58208
- Gerber, K.A. *see* Hammer, D.A. 8-51334
- Gerber, K.A. *see* Sethian, J.D. 8-71524, 8-91114
- Gerber, K.A. *see* Spector, D.N. 8-71543
- Gerber, R. Theory of particle capture in axial filters for high gradient magnetic separation 8-92516
- Gerber, R. *see* Birss, R.R. 8-92515
- Gerber, R.A., Hays, G.N., Hoffman, J.M., Truby, F.K., Patterson, E.L., Tisone, G.C. Energy extraction and beam quality measurements of a high energy HF laser 8-63102
- Gerber, R.B., Berkowitz, M. Rotational mode participation in long-distance vibrational energy transfer in solids 8-63815
- Gerber, R.B., Berkowitz, M., Yakhot, V. Librational relaxation of molecular impurities in host crystals 8-83887
- Gerber, R.B., Shapiro, M., Buck, U., Schleusener, J. Quantum-mechanical inversion of the differential cross section: determination of the He-Ne potential 8-70896
- Gerber, R.B., Yinnon, A.T., Murrell, J.N. Sudden decoupling approximations for atom-surface scattering 8-64437
- Gerber, R.B., Zaritsky, N.C., Minglegrin, U. Optical potential approach to the calculation of vib-rotational relaxation rates 8-62885
- Gerber, R.B. *see* Murrell, J.N. 8-92156
- Gerber, R.B. *see* Zaritsky, N.C. 8-62886
- Gerber, S.B. *see* Loomis, B.A. 8-51600
- Gerber, W.H., Schumacher, E. The dynamic Jahn-Teller effect in the electronic ground state of Li_3 . An ab initio calculation of the BO hypersurface and the lowest vibronic states of Li_3 8-94203
- Gerberich, W.W., Moody, N. Low-temperature fatigue crack propagation 8-72876
- Gerberich, W.W. *see* Aifantis, E.C. 8-51064, 8-51065, 8-63766, 8-67130
- Gerberich, W.W. *see* Pow, E.C. 8-84764
- Gerberich, W.W. *see* Stout, M.G. 8-76736
- Gerbier, G. *see* Erriquez, O. 8-78170
- Gerbshstein, Yu.M., Chernyavskaya, N.A. An investigation of the optical properties of a mixture of small-sized crystals of gallium arsenide with polyethylene 8-90468
- Gerdanian, P. *see* Tetot, R. 8-85190
- Gerdas, F. *see* Predel, B. 8-75847
- Gerdin, G.A., Southworth, F.H., Stark, R. Advanced fuel bumpy ton 8-58430
- Gerdin, G.A. *see* Milley, G.H. 8-70643
- Gerdts, R.E., Crowley, J.M., Chato, J.C. Electrohydrodynamic pumping of cable oil 8-87414
- Gerdnyukov, L.N. *see* Granet, P. 8-93913
- Gerety, E.J. *see* Williams, R.G. 8-88888
- Gergel', V.A., Suris, R.A. Investigation of surface potential fluctuations in metal-dielectric-semiconductor structures 8-80065
- Gergely, P., White, R.N. Seismic effects in secondary confinements: research needs 8-94050
- Gerhardt, D. *see* Altwein, M. 8-95306
- Gerhardt, H., Huhle, T., Neukammer, J., West, P.J. High resolution polarization spectroscopy of the 557 nm transition of Kr I 8-74602
- Gerhardt, H.C. Discrimination of intermediate sounds in a synthetic call continuum by feral green tree frogs 8-69109
- Gerhardt, U. *see* Dietz, E. 8-95652
- Gerhardt, V. *see* Brasse, F.W. 8-78194
- Gerhart, G.R., Kolb, D. Surface wave velocity measurement using reflections from laser scribed grooves 8-90614
- Gerhart, H.L. *see* Prieve, D.C. 8-64763
- Gerhold, H.R., Majerotto, W. Aspects of exclusive nucleon diffraction dissociation 8-58204
- Gerin, F. *see* Brandalise, B. 8-55120
- Gerisch, W. Catastrophe theory and materials testing 8-64797
- Gerischer, H. Electrochemistry of the excited electronic state 8-76872
- Gerischer, H. Electrolytic decomposition and photodecomposition of compound semiconductors in contact with electrolytes 8-95357
- Gerischer, H., Gobrecht, J. Instability of CdSe and CdS photoanodes in sulfide-polysulfide electrolyte 8-80755
- Gerischer, H., Kolb, D.M., Sass, J.K. The study of solid surfaces by electrochemical methods 8-80798
- Gerischer, H. *see* di Quarto, F. 8-72916
- Gerischer, H. *see* Sass, J.K. 8-95676
- Gerischer, H. *see* Spilner, M. 8-76869
- Gerisimov, V.G. *see* Belikov, E.G. 8-88610
- Gerke, Ch. *see* Alexander, G. 8-74251, 8-89766
- Gerke, Ch. *see* Berger, Ch. 8-62414, 8-89725
- Gerle, M. *see* Agnoux, D. 8-87802
- Gerlach, A.A. Acoustic transfer function of the ocean for a motional source 8-66982
- Gerlach, E., Rautenberg, M. Ionized impurity scattering in semiconductors 8-51984
- Gerlach, K. *see* Clevert, H.-D. 8-88763
- Gerlach, K. *see* Unger, V. 8-81064
- Gerlach, V.S., Reiser, R.A., Brecke, F.H. Algorithms in education 8-49578
- Gerlach, V.S. *see* Reiser, R.A. 8-49579
- Gerlic, E. *see* Duhamel, G. 8-93928
- Gerlich, D., Wolf, M. Pressure and temperature derivatives of the elastic moduli of a machineable glass ceramic 8-52873
- Gerlich, D., Wolf, M., Haussuhl, S. Pressure derivatives of the elastic moduli of strontium, barium and lead nitrate 8-95102
- Gerlich, D. *see* Gross, M. 8-79725
- Gerlich, G. *see* Emmerlich, A. 8-73928
- Gerlovic, I.Ya. Interaction of electronic states of trivalent chromium ion with odd vibrations of the surrounding crystal 8-84639
- Germain, J.-E. *see* Gonzalez-Cruz, L. 8-64884
- Germain, J.P. *see* Barbarin, F. 8-75546, 8-76314
- German, R.M. Grain growth in austenitic stainless steels 8-72787
- German, R.M. Surface area reduction kinetics during intermediate state sintering 8-76614
- German, R.M., Smugeresky, J.E. Ductility in hot isostatically pressed 250-grade maraging steel 8-52925
- German, R.M. *see* Kramer, C.M. 8-92221
- German, R.M. *see* Munir, Z.A. 8-64498
- German, R.M. *see* Smugeresky, J.E. 8-52979
- German, V.Kh., Levikov, S.P. Study of non-periodical sea-level variations of synoptical frequencies on the shelf of tidal sea 8-65320
- Germano, F.A. *see* Catlow, C.R.A. 8-80365

- Germanova, K.**, Marinova, K., Stoyanov, S. Effect of surface layers on the free exciton reflectance of ZnTe 8-76493
- Germer, R.** see Blumich, B.P. 8-93670
- Germi, P.** see Mollard, P. 8-52315
- Germinario, G.** see Anelli, E.F. 8-82585
- Germinario, G.** see Cutts, D. 8-78380, 8-89746
- Germond, J.-F.** see Perrin, C. 8-89792
- Gernhardt, J.** see Broser, E. 8-50352
- Geroch, R.** Null infinity is not a good initial-data surface 8-62127
- Gerola, H.**, Glassgold, A.E. Molecular evolution of contracting clouds: basic methods and initial results 8-85986
- Gerola, H.**, Seiden, P.E. Stochastic star formation and spiral structure of galaxies 8-93395
- Gerold, V.** see Kirchgraber, G. 8-83846
- Gerosa, M.** see Para, A.F. 8-95988
- Gerova, E.V.** see Kirov, K.I. 8-88430
- Gerrard, D.J.** Statistical methods for estimating the longevity of pacemaker batteries 8-57131
- Gerrard, J.H.** The wakes of cylindrical bluff bodies at low Reynolds number 8-83405
- Gerritsen, H.J.** see Jarasunas, K. 8-80000
- Gerritsen, L.J.** see van Otterloo, J.D. 8-52081
- Gerrity, D.P.** see Schultz, A.J. 8-59789
- Gerrmann, R.**, Mikho, V.V., Vitluk, N.V. Electroluminescence of Fluorene 8-92129
- Gerry, M.C.L.** see Kagann, R.H. 8-78684
- Gerry, M.C.L.** see Little, G.B. 8-78685
- Gershberg, R.E.** see Abramenko, A.N. 8-77622
- Gershenson, E.M.** see Aleksandrov, V.N. 8-92100
- Gershfeld, N.L.** Equilibrium studies of lecithin-cholesterol interactions. I. Stoichiometry of lecithin-cholesterol complexes in bulk systems 8-68985
- Gershfeld, N.L.** see Tajima, K. 8-68986
- Gershgoren, V.A.** Method of calibrating crude-oil hydrometers 8-73969
- Gershikov, A.G.**, Spiridonov, V.P., Butayev, B.S. Direct experimental determination of equilibrium parameters and Morse anharmonic constants of diatomic molecules by electron diffraction 8-58818
- Gershikov, A.G.** see Spiridonov, V.P. 8-70932
- Gershinskii, A.E.**, Mironova, L.V., Cherepov, E.I. On the conductivity of the Si-thermal SiO₂-electrolyte system in super-high electric fields 8-52080
- Gershkovich, A.M.** Analytical determination of the energy expenditure of man from the parameter of external respiration 8-69268
- Gershon, S.** see Nip, D. 8-90288
- Gershoy, A.** see Nyborg, W.L. 8-61214
- Gershstein, S.S.** see Baranov, D.S. 8-62390
- Gershstein, V.A.** see Pertsov, N.V. 8-53017
- Gershuni, G.Z.**, Dementev, O.N., Zhukhovitskii, E.M. Effect of thermal properties of boundaries on stability of convective flow in a vertical layer 8-55644
- Gerson, A.**, Goldstein, J.L. Evidence for a general template in central optimal processing for pitch of complex tones 8-57016
- Gerson, A.** see Goldstein, J.L. 8-57015
- Gerson, E.S.** see Gerzof, S.G. 8-65105
- Gerson, R.** see Gordon Wolman, M. 8-81229
- Gerspach, A.** see Mays, C.W. 8-96071
- Gerspach, A.** see Spiess, H. 8-96070
- Gerstein, B.C.** see Taylor, W.A. 8-87795
- Gersten, A.** Isospin nonconservation in the N-N interaction 8-62438
- Gersten, A.** see Zmora, I. 8-70247
- Gersten, J.I.** A time dependent generalisation of the multiple scattering formalism 8-86518
- Gersten, K.**, Schillawa, S. Buoyancy effects on forced-convection heat transfer in horizontal boundary layers 8-90901
- Gersten, K.** see Wehrum, A. 8-71382
- Gerstenberger, D.C.** see Butterfield, K.B. 8-66653
- Gerstenberger, D.C.** see McNeil, J.R. 8-66809
- Gerstenberger, D.C.** see Paisner, J.A. 8-55407
- Gerstenberger, D.C.** see Warner, B.E. 8-82953
- Gerstenkorn, S.** see Luc, P. 8-58060
- Gerstner, I.N.** see Khodakovskaya, R.Ya. 8-87626
- Gert, A.** see Hamzic, A. 8-91665
- Gerthsen, P.** see Gentner, J.O. 8-84541
- Gertler, A.W.**, Berg, J.O., El-Sayed, M.A. On the mechanism of photoinduced nucleation in a diffusion cloud chamber 8-80760
- Gertner, E.R.** see Rode, J.R. 8-72745
- Gertovich, T.S.** see Bobitskii, Ya.V. 8-56226
- Gerts, E.A.** see Vinnikova, E.B. 8-93135
- Gertsenshtein, M.E.**, Ingel', L.Kh., Fil'chenkov, M.L. The problem of physical singularities in general relativity theory 8-81893
- Gertsriken, D.S.**, Gurevich, M.Yu., Koval', Yu.M., Fal'chenko, V.M. Effect of deformation and phase transformations at low temperatures on atomic mobility in metals and alloys 8-55974
- Gerus, A.V.** see Proklov, V.V. 8-72207
- Gervais, A.** see Dhalenne, G. 8-92186
- Gervais, F.**, Servoin, J.L., Billard, D. Optical phonon modes and anharmonic couplings in LiTaO₃ and LiNbO₃ 8-60466
- Gervais, J.** see Martinuzzi, S. 8-76113
- Gervais, J.L.**, Neveu, A., Virasoro, M.A. Non-classical configurations in Euclidean field theory as minima of constrained systems 8-70256
- Gervais, J.L.** see De Vega, H.J. 8-78067
- Gervais, Y.** see Olivier, G. 8-55763
- Gervaise, J.** see Appel, E. 8-58513
- Gerven, L.** van see van Gerven, L.
- Gerven, L.** van see Van Gerven, L.
- Gerver, M.J.** Radial normal mode calculation of warm plasma stabilization of the drift cone mode 8-51294
- Gerward, L.** see Buras, B. 8-66019
- Gerward, L.** see Cottrell, R.M.J. 8-63641
- Gerward, L.** see Cousins, C.S.G. 8-75499
- Gerwien, U.**, Oberhauser, R. The photometric determination of cerium in cast iron, steel and heat conducting alloys after separation on a cation-exchanger 8-68955
- Gerzof, S.G.**, Robbins, A.H., Pugatch, R.D., Gerson, E.S. New applications of old radiographic techniques applied to computed tomography 8-65105
- Gesch, H.**, Eisele, I., Dorda, G. Pressure dependence of structure in the mobility of (100) silicon inversion layers 8-60216
- Gesch, H.** see Dorda, G. 8-52096
- Gesch, H.** see Englert, T. 8-60228
- Gesch, H.** see Englert, Th. 8-88041
- Geschwind, S.**, Romestain, R., Hu, P., Devlin, G., Jedju, T. The study of electron dynamics in CdS by spin flip Raman scattering (SFRS) and related coherent phenomena 8-80342
- Geschwind, S.** see Kummer, R.B. 8-52288
- Gesell, T.F.** see Gammage, R.B. 8-82523
- Gesemann, H.J.**, Gesemann, R. Analytical procedure for estimating the PbO content of lead-zirconate-titanate ceramics 8-53279
- Gesemann, R.** see Gesemann, H.J. 8-53279
- Geshkov, I.M.** see Gentchev, V.I. 8-78174
- Gesi, K.** see Izumi, M. 8-84531
- Gesland, J.Y.** see Kleeman, W. 8-76424
- Gesmundo, F.** Transient state in the selective oxidation of binary alloys with quasiparabolic kinetics: Solution for a fixed alloy-scale boundary 8-72930
- Gesmundo, F.**, Viani, F. The formation of multi-layer scales in the parabolic oxidation of pure metals. I. Relationships between the different rate constants 8-64758
- Gesmundo, F.**, Viani, F. The formation of multi-layer scales in the parabolic oxidation of pure metals. II. Temperature and pressure dependence of the different rate constants 8-64759
- Gesmundo, F.**, Viani, F. An approximate calculation of the oxygen activity profile in solid-solution scales formed during the oxidation of binary alloys 8-88577
- Gesser, H.D.**, Vaidya, O., Baldwin, W.G., Chow, A., Bock, E., McBride, D.W. The gaseous reduction and extraction of gallium from mica 8-92216
- Gessner, H.** see Zipp, P. 8-85405
- Gesztesy, F.**, Pittner, L. On the commutation relation $[A, B] = -i\hbar$ 8-65811
- Gesztesy, F.**, Pittner, L. Uncertainty relations and quadratic forms 8-81872
- Getalov, V.S.** see Agrafenin, Yu.V. 8-90523
- Gethyn Timothy, J.** see Huber, M.C.E. 8-53825
- Getselev, L.V.** see Volodin, E.Ya. 8-53779
- Getselev, V.N.**, Martynov, G.I. Circulation of metal in the liquid phase of the ingot formed by an electromagnetic field 8-84790
- Getso, O.M.** see Pasechnik, Yu.A. 8-52579
- Getsov, L.B.**, Malygin, A.F., Aksanova, T.P. Method of determining thermocyclic strength characteristics of materials for gas turbine components 8-60743
- Gettner, M.** see Conetti, S. 8-93905
- Gettner, M.** see Hartmann, J. 8-62460
- Geudon, J.-Y.**, Rieu, J. Effect of crystal orientation on the slip geometry and the pseudo-elastic behaviour in Fe₃Al alloys 8-87681
- Geus, J.W.** de see de Geus, J.W.
- Geuss, K.-P.** see Wedler, G. 8-91530
- Geyers, R.** see David, M. 8-67626
- Gevod, V.S.** see Ksenzhek, O.S. 8-69001
- Gevorgyan, L.A.** see Korkhmazyan, N.A. 8-66734
- Geweniger, C.** see Hansl, T. 8-74244, 8-89698, 8-89860
- Geweniger, C.** see Holder, M. 8-55103
- Gewirtz, H.** see Horacek, B.M. 8-81033
- Gex, J.P.** see Valat, P. 8-66867
- Gey, E.** see Kuhnelt, W. 8-82646
- Geychenko, V.V.**, Kanyuka, A.A., Ryzhkov, V.I., Smirnov, A.A. The effect of pressure on phase diagrams of ordering alloys and on some features of order-disorder transitions 8-52797
- Geyer, B.**, Gornitz, Th. Kronecker product decomposition for Poincare-like groups. II. Application to the Weyl Group 8-49632
- Geyer, Chr.** Control equipment for the prevention of operating errors and machine malfunctions in film copying 8-93772
- Geyer, E.H.**, Vogt, N. On the membership of the RR, star V 65 and the EA binary V 78 in omega Centauri (NGC 5139) 8-73743
- Geyer, R.G.**, Wait, J.R. Electromagnetic fields of a vertical magnetic dipole above a laterally inhomogeneous thin layer of conductive overburden 8-65183
- Geymayer, W.**, Grasenick, F., Hodl, Y. Stabilizing ultrathin cryo-sections by freeze-drying 8-54349
- Geymonat, G.** see Bouc, R. 8-89343
- Gezentsvei, A.N.** see Belyaev, V.S. 8-69352
- Ghaem-Maghani, V.** see May, A.D. 8-90189
- Ghafari, M.** see Gonser, U. 8-60365
- Ghaffar, A.**, Goodman, I., Peters, R.H. Polyester-polyether block copolymers. II. Thermal and mechanical properties of poly(hexamethylene terephthalate)/poly(oxytetramethylene) block copolymers 8-91260
- Ghaffar, A.**, Goodman, I., Peters, R.H., Segerman, E. Polyester-polyether block copolymers. III. Supramolecular texture in poly(hexamethylene terephthalate)/poly(oxytetramethylene) block copolymers and related homopolymers and blends 8-91261
- Ghali, N.S.** see Gobran, N.K. 8-75830
- Ghander, A.M.** The optimum design of the electrostatic electron oscillator 8-74107
- Ghander, A.M.** The yield of negative ions from the duoplasmatron plasma 8-75382
- Ghandhi, S.K.** see Bhat, R. 8-76606
- Ghandour, G.** see Curtright, T. 8-70296
- Ghanem, N.A.**, Abd El-Malek, M.M., Abou-Khalil, M.F., El-Adawy, M.M. Advances in anticorrosive and antifouling coatings 8-64746
- Ghani Awad, A.A.** Spin disorder scattering in nickel and iron 8-76063
- Gharbage, S.** Measurements of Cotton-Mouton-Voigt effects related to ESR in a resonant cavity. Application to copper acetate monohydrate study 8-89514
- Gharbi, A.** see Le Duff, Y. 8-62814
- Ghatak, A.K.**, Khular, E., Thyagarajan, K. Modes in optical waveguides formed by silver-sodium ion exchange 8-59133
- Ghatak, A.K.** see Chandra, R. 8-90498
- Ghatak, A.K.** see Gupta, B.D. 8-76996
- Ghatak, A.K.** see Kumar, A. 8-94436
- Ghatak, A.K.** see Thyagarajan, K. 8-83074
- Ghatak, A.K.** see Winkler, C. 8-87134
- Ghatak, S.K.** Approximate treatment of disordered Ising ferromagnet 8-52262
- Ghatak, S.K.** Ising model for valency transition 8-60297
- Ghatak, S.K.** see Moorjani, K. 8-68212
- Ghatikar, M.N.**, Padalia, B.D. Empirical relations and the X-ray absorption edge-shifts 8-55136
- Ghazal, A.Sh.M.** see Hassan, M.Y.M. 8-58247
- Ghazala, Y.A.**, Megahed, I.Y., Zaky, A.A. The effect of the polarity of the live electrode on the breakdown voltage of mineral oil for non-uniform fields 8-75450
- Ghazi, A.** see Ebel, A. 8-61515
- Ghedini, S.** see Baldinelli, L. 8-93318, 8-93319
- Gheifenshtein, M.**, Szwarc, H., Lopez-Delgado, R. Atom-diatomparadox in xenon: a phenomenological description 8-78766
- Ghemard, G.** see Maneglier-Lacordaire, S. 8-76635
- Gherardi, G.** see Bressers, J. 8-83841
- Gherasimov, V.I.** see Chihai, V. 8-60875
- Ghera, M.**, Zarea, S.T. Potential axisymmetrical motion through short pipes of variable cross-section 8-59489
- Ghergu, M.** see Zarea, S. 8-49669
- Ghete, P.**, Atanasiu, M., Vasaru, G. The determination of the thermal diffusion column transport coefficients 8-51274
- Ghete, P.** see Atanasiu, M. 8-58862
- Gheysari, G.** see Debeauvais, M. 8-70577
- Ghez, R.** Correlation of the interface reaction constant with elementary surface processes 8-63683
- Ghez, R.** Mass transport and surface reactions in Leveque's approximation 8-76907
- Ghez, R.** see Small, M.B. 8-56051
- Ghezzi, C.** see Franzosi, P. 8-92198
- Ghiassee, N.**, Clay, P.G., Walton, G.N. Uranium tetrahydroborate and its spectra 8-62798
- Ghika, G.**, Visinescu, M. Zeta-function regularization of the one-loop effective potential 8-70252
- Ghiorso, A.** see Baisden, P.A. 8-82282
- Ghiorso, A.** see Illige, J.D. 8-94027
- Ghiorso, A.** see Otto, R.J. 8-74390
- Ghiotti, G.** see Bocuzzi, F. 8-92063
- Ghirardi, A.** see Cantoni, V. 8-70729
- Ghirardi, G.C.** see Fonda, L. 8-65871
- Ghizoni, C.C.**, Siqueira, M.A., Vargas, H., Miranda, L.C.M. On the use of photoacoustic cell for investigating the electron-phonon interaction in semiconductors 8-68027

- Ghodgaonkar, A.M.**, Bhoraskar, V.N., Bhiday, M.R., Tiliu, A.D. Magnetomorphoc oscillations in thin films with unlike surfaces 8-56243
- Ghodgaonkar, A.M.**, Bhoraskar, V.N., Tiliu, A.D. A physical interpretation of specularly parameter 8-72282
- Ghomi, M.** see Buisson, J.P. 8-64370, 8-92073
- Ghomi, M.** see Lefrant, S. 8-52492
- Ghoniem, S.** see Chauveteau, G. 8-87330
- Ghorashi, B.** see Kastrinakis, E.G. 8-90854
- Ghoroku, K.** Transverse momentum of hadrons decaying from the jet as a moving fireball 8-74268
- Ghosal, S.K.**, Nandi, G.P., Sen, S.N. Radial distribution function for the azimuthal conductivity of an arc plasma 8-51374
- Ghosal, S.K.**, Sen, S.N. Attenuation of acoustic waves through reflections at the plasma neutral gas interfaces: weakly ionized case 8-55719
- Ghose, A.M.** see Roy, S.N. 8-70881
- Ghose, S.**, Che'ng Wan A new type of silicate double chain in agrellite, $\text{NaCa}_2\text{Si}_4\text{O}_{10}\text{F}$ 8-51514
- Ghose, S.**, Wan, C. Zektzerite, $\text{NaLiZrSi}_6\text{O}_{15}$: a silicate with six-tetrahedral-repeat double chains 8-63719
- Ghose, S.** see Liminga, R. 8-79571
- Ghosh, A.**, Basu, A.N. A unified approach to study the lattice statics and dynamics of the MgO crystal 8-59878
- Ghosh, A.**, Basu, A.N. Interatomic interactions and the lattice statics and dynamics of TiBr crystals for both CsCl and NaCl phases 8-83889
- Ghosh, A.** see Sengupta, A.K. 8-52765
- Ghosh, A.K.**, Mitra, S. On Stokes' problems for linear viscoelastic fluids 8-51142
- Ghosh, A.K.**, Mitra, S. Flows in a rotating elasto-viscous fluid induced by torsional oscillations of a plate acting for a finite time 8-67273
- Ghosh, A.K.**, Weismann, H., Gurvitch, M., Lutz, H., Kammerer, O.F., Snead, C.L., Goland, A., Strongin, M. The effects of irradiation at cryogenic temperatures and electron irradiation on T_c and the transport properties of A-15 superconductors 8-52122
- Ghosh, B.** see Das, A.N. 8-72471
- Ghosh, C.**, Varma, B.P. Secondary emission from multialkali photocathodes 8-84687
- Ghosh, C.**, Varma, B.P. Preparation and study of properties of a few alkali antimonide photocathodes 8-84693
- Ghosh, D.C.**, Roychowdhury, A., Daftari, I.K., Bhattacharjee, D.K., Roy, T. A different approach to the multiplicity problem in hadron collisions 8-58210
- Ghosh, D.C.** see Daftari, I.K. 8-58205
- Ghosh, D.C.** see Datta, R. 8-86779
- Ghosh, D.K.** see Chakraborty, A.K. 8-64535
- Ghosh, D.K.** see Chatterjee, A. 8-58667
- Ghosh, D.K.** see Eapen, K. 8-91841
- Ghosh, G.**, Sen, S., Dasgupta, D., Saha, P.K. Method of measuring loaded Q-factor of single-ended cavity resonators using reflection bridge 8-54405
- Ghosh, K.P.**, Sengupta, P., Chakravorty, J.N. On the theory of lamellar reflection grating 8-74982
- Ghosh, M.** see Basu, R. 8-55186
- Ghosh, M.K.**, Majumdar, S.R. Improved treatment of pairing correlation for fast rotating nuclei 8-78284
- Ghosh, N.C.**, Pal, A.K. Wave propagation in an infinite piezoelectric crystal under a thermal field 8-68455
- Ghosh, P.**, Lamb, F.K. Disk accretion by magnetic neutron stars 8-93294
- Ghosh, P.K.** Torsional vibration of an isotropic circular cylinder of variable rigidity, one end of which is fixed and the other end is subjected to a periodic shearing stress 8-75087
- Ghosh, P.K.**, Hegde, M.S. He I and He II excited state population densities in non-LTE helium plasmas 8-67328
- Ghosh, P.K.** see Sengupta, D. 8-95321
- Ghosh, P.N.** see Maiti, C.R. 8-71799
- Ghosh, S.** see Guha, S. 8-63995
- Ghosh, S.K.** Prediction of storm surges on the east coast of India 8-85566
- Ghosh, S.K.**, Pant, M.C., Dewan, B.N. Influence of the Arabian Sea on the Indian summer monsoon [MONEX-73] 8-81333
- Ghosh, S.K.** see Chatterjee, A. 8-62353
- Ghosh, S.N.** Infra-red spectra of some selected minerals, rocks and products 8-84567
- Ghosh, S.N.**, Paul, A.K., Thakur, A.K. Thermal decomposition of CaCO_3 and formation of $\beta\text{-Ca}_2\text{SiO}_4$ 8-68889
- Ghosh, S.N.**, Verma, R.D. Rydberg states of the PO molecule 8-90184
- Ghosh, T.B.** see Misra, N.K. 8-88588
- Ghoshal, S.N.** see Bandyopadhyay, B.K. 8-74351
- Ghovanlou, A.** see Lehman, D.R. 8-50090
- Ghozlene, H.B.**, Beaufre, P. Crystallography of PzSi films on (001) silicon 8-75955
- Ghuma, M.A.** see Rogers, J.J.W. 8-65305
- Ghumman, B.S.** see Allawadhi, K. 8-58643
- Gia, V.T.** see Skowronek, M. 8-71507
- gia Khiem Pham** see Pham gia Khiem
- Giabbai, M.** see Di Corcia, A. 8-92536
- Giacconi, R.** The HEAO-B X-ray telescope and its observing program 8-57443
- Giacconi, R.** Origin of X-ray emission from clusters [of galaxies] 8-57660
- Giacconi, R.** Extragalactic X-ray sources 8-57701
- Giacconi, R.** see Lightman, A.P. 8-93407
- Giacconi, R.** see Tananbaum, H. 8-93392
- Giachetti, R.**, Sorace, E. The rigid motion revisited: a canonical treatment for rigidly connected point systems 8-69972
- Giacobino, E.** see Biraben, F. 8-50526
- Giacomelli, G.** see Bozzoli, W. 8-93995
- Giacomelli, G.** see Carrigan, R.A., Jr. 8-66176
- Giacometti, J.A.** see Campos, M. 8-72164
- Giacomo, P.** Length metrology and iodine stabilized lasers 8-87074
- Giacomo, P.** Laser wavelength measurements, why? how? and how accurate? 8-89446
- Giacovazzo, C.** The estimation of the one-phase structure seminvariants of first rank by means of their first and second representations 8-79545
- Giakoumakis, G.E.** see Nomikos, C.D. 8-73203, 8-82084
- Giallo, F.** Del see Del Giallo, F.
- Giallorenzi, T.G.** Single-mode fiber optic networks 8-59159
- Giallorenzi, T.G.** Optical communications research and technology: fiber optics 8-87151
- Giallorenzi, T.G.** see Sheem, S.K. 8-87148
- Giam Hoang The** see Hoang The Giam
- Giamello, E.**, Theobald, F., Naccache, C., Vedrine, J.C. EPR study of bismuth molybdates supported on silica 8-64271
- Gianetti, C.E.** see Filipich, C. 8-90740
- Giannatiempo, A.** see Fazzini, T. 8-82360
- Giannini, J.** see Lim, T.K. 8-93564
- Giannovario, J.A.** see McCreight, L.R. 8-85398
- Gianturco, F.A.**, Guidotti, C. Bond dependence of dipole polarisabilities in HF and HCl molecules 8-74573
- Gianturco, F.A.** see Rahman, N.K. 8-82851
- Giaquinta, C.** see Burrafato, G. 8-50546
- Giaquinta, G.** see Burrafato, G. 8-60250, 8-76171
- Giaquinta, P.V.**, March, N.H., Tosi, M.P. Power law frequency dependent dielectric function and nonanalyticity properties 8-60387
- Giaquinta, P.V.**, Parrinello, M., Tosi, M.P. Collective dynamics of charge fluctuations in ionic conductors 8-67841
- Giarda, L.** see Franzosi, A. 8-64453
- Giardina, G.** see Arena, N. 8-82357
- Gibala, R.** see Sethi, V.K. 8-60716
- Gibala, R.** see Talia, J.E. 8-95860
- Gibart, P.** see Goldstein, L. 8-68039
- Gibas, T.** see Basinska Pampuch, S. 8-68835
- Gibb, O.**, Richards, H.J. Planning for development of groundwater and surface water resources 8-88869
- Gibson, J.D.**, Freeman, N.C., Davey, A. Three-dimensional multiple soliton-like solutions of non-linear Klein-Gordon equations 8-49955
- Gibbons, D.F.** see Van Kampen, C.L. 8-81071
- Gibbons, G.W.** Symmetry restoration in the early Universe 8-73782
- Gibbons, G.W.**, Hawking, S.W., Perry, M.J. Path integrals and the indefiniteness of the gravitational action 8-70318
- Gibbons, G.W.**, Pope, C.N. CP^2 as a gravitational instanton 8-81909
- Gibbons, G.W.** see Belinskii, V.A. 8-65857
- Gibbons, J.** Behaviour of slow Langmuir solitons 8-75293
- Gibbons, J.F.** see Gat, A. 8-91345
- Gibbons, J.F.** see Johannessen, J.S. 8-84303
- Gibbons, J.F.** see Lidow, A. 8-67830
- Gibbons, W.D.** see Taboada, J. 8-96065
- Gibbs, G.V.** see Hill, R.J. 8-95028
- Gibbs, G.V.** see Tossell, J.A. 8-55125
- Gibbs, H.M.**, Vrehen, G.H.F., Hikspoors, H.M.J. Superfluorescence in cesium: comparison with theory and application to quantum beat spectroscopy 8-86837
- Gibbs, R.**, Lewis, K.L. Laser calorimeter for the determination of the absorption coefficients of thin 10.6 μm windows 8-49838
- Gibbs, W.R.** The physics of low energy pion production 8-62442
- Gibbs, W.R.** see Young, S.K. 8-50176
- Giber, J.** see Barsony, I. 8-84308
- Giber, J.** see Deak, P. 8-72110
- Gibert, A.** see Berger, G. 8-67560
- Gibert, A.** see Bertalet, P. 8-87585, 8-91172
- Gibert, A.** see Dastarac, G. 8-87587
- Gibertini, G.**, Margotta, V. Study of the survival time of homotransplanted skin in *Triturus cristatus* carnifex Laur., following total or partial irradiation of the host 8-85335
- Gibling, M.R.** see Miall, A.D. 8-65297
- Gibson, A.** The JET project 8-89977
- Gibson, A.** Impurity behaviour in real and simulated Tokamak plasmas 8-94128
- Gibson, A.F.** High-power pulsed lasers 8-83592
- Gibson, A.G.**, Davies, G.R., Ward, I.M. Dynamic mechanical behaviour and longitudinal crystal thickness measurements on ultra-high modulus linear polyethylene: a quantitative model for the elastic modulus 8-76691
- Gibson, A.G.** see Chandler, C. 8-65808
- Gibson, A.J.** see Bhattacharyya, S.K. 8-53746
- Gibson, B.F.** see Friar, J.L. 8-70458, 8-70464
- Gibson, C.H.** Zero gradient points in turbulent mixing 8-94648
- Gibson, C.H.** see Schmitt, K.F. 8-69489
- Gibson, D.** see Amsler, C. 8-70397
- Gibson, D.** see Baker, F. 8-74014
- Gibson, D.A.** see Koreska, J. 8-57066
- Gibson, D.M.** see Richards, J.C.S. 8-61288
- Gibson, E.D.** see Verhoeven, J.D. 8-68679, 8-76203
- Gibson, F.H.** see Merritt, J.S. 8-61261
- Gibson, F.P.** see Steverding, B. 8-50603, 8-58755
- Gibson, G.** see Chapin, D.L. 8-54992, 8-58416
- Gibson, G.** see Varljen, T.C. 8-50359
- Gibson, G.A.** see Pierluissi, J.H. 8-61552
- Gibson, H.L.** Photography by infrared. Its principles and applications, 3rd edition 8-82068
- Gibson, H.W.** see Salaneck, W.R. 8-92565
- Gibson, J.F.** Some recent EPR studies on metalloproteins 8-64936
- Gibson, J.F.** see Lack, G.M. 8-64272
- Gibson, J.W.** see Palik, E.D. 8-71161, 8-95613
- Gibson, M.J.** see Rawlings, K.J. 8-84090
- Gibson, M.M.** Calculation of boundary layers with buoyancy and extra strain 8-94674
- Gibson, M.M.**, Launder, B.E. Ground effects on pressure fluctuations in the atmospheric boundary layer 8-61498
- Gibson, M.M.**, Spalding, D.B., Zinser, W. Boundary-layer calculations using the Hassid-Poreh one-equation energy model 8-51158
- Gibson, R.A.G.**, Wright, P.G. Thermodynamic relations of Pippard's type for dielectric and magnetic properties of adsorbed layers near a λ -transition 8-79881
- Gibson, R.B.**, Javan, A., Boyer, K. Sealed multiatmosphere CO_2 TEA laser: Seed-gas compatible system using unheated oxide catalyst 8-63130
- Gibson, R.K.** see Sauer, H.J., Jr. 8-90657
- Gibson, W.M.** see Kanter, E.P. 8-62531
- Gibson, W.M.** see Temmer, G.M. 8-50160
- Gidas, H.** see Greenstein, J.L. 8-85943
- Gidal, G.**, Chapman, J.W., Ely, R.P., Michael, W., Oddone, P., Scharre, D. Observation of interference between $I_1=1/2$ and $I_1=3/2$ baryon exchange amplitudes in 4 GeV/c backward inelastic scattering 8-70412
- Gidal, G.**, Michael, W., Trilling, G., Abrams, G., Barnham, K., Daugeras, B., Lissauer, D., Alexander, G., Levy, A., Oren, Y. ϕ -meson production in 3.75-GeV/c $\pi\pi^+\text{p}$ interactions 8-58201
- Gidal, G.** see Borreani, G. 8-82232
- Gidal, G.** see Scharre, D.L. 8-74275
- Gidas, B.** see Bellissard, J. 8-58109
- Gidaspow, D.** see Lyczkowski, R.W. 8-51229
- Giddings, J.C.**, Fisher, S.R., Myers, M.N. Field-flow fractionation. One-phase chromatography for macromolecules and particles 8-90327
- Giddings, J.C.**, Gwo-Chung Lin, Myer, M.N. Fractionation and size analysis of colloidal silica by flow field-flow fractionation 8-61062
- Giddings, J.R.**, Dworetzky, M.M. UV 1758+36, a hot subluminescent B star 8-53944
- Giddings, W.P.**, Baker, M.B. Sources and effects of monolayers on atmospheric water droplets 8-69412
- Gidskehaug, A.** see Storetvedt, K.M. 8-85478
- Giedenbacher, G.**, Sturm, F. Deformation zones in notched flat tensile specimens 8-64603
- Giedymyn, J.** On the origin and significance of Poincare's conventionalism 8-86109
- Gien, T.T.** Elastic scattering of electrons by hydrogen molecule in a modified Glauber theory 8-94320
- Gieraltowski, G.F.**, Hyman, L.G., Tardy, H.L. Monte Carlo study of search statistics 8-58561
- Gierasch, P.J.** see Flasar, F.M. 8-90913
- Giering, L.P.**, Hornig, A.W. Total luminescence spectroscopy: a powerful technique for mixture analysis 8-56927
- Gierisch, W.** see Afanas'ev, A.M. 8-60362
- Gierlik, E.** see Artyukh, A.G. 8-89909
- Gierszal, H.** see Mackowiak, M. 8-74038
- Gierz, M.** see Everitt, W.N. 8-77680
- Gies, H.P.F.** see Lewis, B.R. 8-90186
- Gies, M.** see Althoff, K.H. 8-66125
- Gies, R.A.** see Ballou, J.E. 8-73264
- Giese, C.F.** see Gentry, W.R. 8-66690
- Giese, P.** see Morelli, C. 8-65209

- Giese, R.H.**, Weiss, K., Zerull, R.H., Ono, T. Large fluffy particles: a possible explanation of the optical properties of interplanetary dust 8-57499
- Giese, R.H.** see Zerull, R.H. 8-58918
- Gieske, J.A.** see Reed, L.D. 8-90977
- Gieseking, F.** Note on two new southern spectroscopic binaries 8-57592
- Gieseking, F., Radeke, H.W.** Photoelectric observations of the double-mode Cepheid TU Cassiopeiae 8-77556
- Gieseking, F., Seggewiss, W.** Spectroscopic investigation of the peculiar binary V389 Cyg 8-85975
- Giesekus, H.** Particle movement in non-Newtonian fluids 8-87369
- Giesen, B., Schwarz, U., Willms, H.** Measurements of mechanical properties of glass fiber reinforced epoxy resin 8-64582
- Giesen, B.** see Belitz, H.J. 8-50382
- Giesen, B.** see Conrads, H. 8-50348
- Giesenberg, D.** see Klimmek, R. 8-69491
- Gieskes, J.** see Millero, F.J. 8-73391
- Giesse, E.A.** Volume-controlled film growth by liquid phase epitaxy 8-88432
- Giesse, E.A., Koblishka, R.J.** Submicron diameter bubble films of Lu-substituted Eu- and Sm-iron garnets on (111) and (100) oriented NdGG, SmGG and GdGG substrates 8-91909
- Giessen, B.C.** see Hayes, T.M. 8-55815
- Giessen, B.C.** see Polk, D.E. 8-64497
- Giessen, B.C.** see St. Amand, R. 8-52762
- Giessen, B.C.** see Waterstrat, R.M. 8-76632
- Giessen, J.** Van Der see Van Der Giessen, J.
- Gietzel, P.C.** see O'Mara, B.J. 8-74611
- Giffard, R.P., Stagg, J.P., Truscott, W.S., Hatton, J.** Nuclear spin-lattice relaxation in bulk and divided samples of solid ^3He at low temperatures 8-84026
- Giffard, R.P.** see Soulen, R.J., Jr. 8-62196
- Giffon, M.** see Guichon, P.A.M. 8-58257
- Gifford, L.N., Jr.** Stress intensity factors by enriched finite elements 8-90774
- Gifford, W.A.** The effect of contact angle on ring tensiometry 8-60011
- Gifkins, R.C.** Grain rearrangements during superplastic deformation 8-83828
- Gifkins, R.C.** see Langdon, T.G. 8-80594
- Gigante, G.E.** see Cesareo, R. 8-61620
- Giglio, M., Musazzi, S.** Real-time measurement of superficial distribution of vibrations and displacement by speckle interferometry 8-54336
- Gignoux, C.** see Chauvin, J. 8-89803
- Gignoux, D., Givord, F., Lemaire, R., Nguyen van Tinh, N.** Influence of nonmagnetic impurities on the ordering temperature of the rare-earth compounds RCO_2 8-84427
- Gignoux, D.** see Asmat, H. 8-84394
- Gignoux, D.** see Careiron, M. 8-52226
- Giguere, P.A., Martel, C., Turrell, S.** Hydrogen halide-water complexes in aqueous acids 8-70840
- Giguere, P.A.** see Trevino, S.F. 8-67782
- Giguere, P.T., Huebner, W.F.** A model of comet comae. I. Gas-phase chemistry in one dimension 8-93154
- Gijbels, R.** see van Hoya, E. 8-68962
- Gijink, J.** see Harkema, S. 8-67617
- Gijzeman, O.L.J.** see Albers, H. 8-91542
- Gijzeman, O.L.J.** see de Geus, J.W. 8-79708
- Gijzeman, O.L.J.** see Schouten, F.C. 8-63932
- Gil, E.** see Nacasch, R. 8-54646
- Gil, F.B.** see Lopes, J.S. 8-66646
- Gil, M.A.** see Simon, J.M. 8-59141
- Gil Sevillano, J.** see Fuentes, M. 8-76642
- Gil Shin Jung** see Jung Gil Shin
- Gilabert, A.** see Ostrowsky, D.B. 8-66955
- Gilain, C.** see Bergere, M.C. 8-66053
- Gilat, G.** see Talmi, A. 8-59890
- Gilat, G.** see Vardeny, Z. 8-59891
- Gilat, J., Katcoff, S.** Decay of ^{230}Ra and ^{230}Ac 8-54724
- Gilbert, B.** A fast, effective demonstration of the uncertainty relation 8-69953
- Gilbert, B.K.** see Swartzlander, E.E., Jr. 8-80956
- Gilbert, E.** see Caelli, T. 8-85310
- Gilbert, G.** see Wilkerson, M.S. 8-93447
- Gilbert, M., Vyvoda, J.C.** X-ray diffraction of processed poly(vinyl chloride) 8-83755
- Gilbert, P.T.** see Wren, A.G. 8-56943
- Gilbert, T.L.** see Sabelli, N.H. 8-88610
- Gilbert, T.R.** see Neefus, C.D. 8-53277
- Gilbody, H.B.** see Angel, G.C. 8-50634
- Gilbody, H.B.** see Dunn, K.F. 8-58811
- Gilbody, H.B.** see McCullough, R.W. 8-74760
- Gilbody, H.B.** see Nutt, W.L. 8-50633
- Gilboy, W.B.** see Dakubu, T. 8-50430
- Gilchriese, G.D.** see Benvenuti, A. 8-82196
- Gilchrist, J.H.** see Babey, S.K. 8-57928
- Gildenberg, P.L.** see Hoenig, S.A. 8-77122
- Gil'denblat, G.Sh., Karachentsev, A.Ya., Potashev, Yu.N.** The dynamic characteristic of the space-charge-limited currents in a dielectric with a continuous energy distribution of trapping centers 8-56153
- Gil'denburg, V.B., Kim, A.V.** Ionization instability of an electromagnetic wave 8-67512
- Gil'denburg, V.B., Semyonov, V.E.** Stationary stratified discharge in plane wave fields 8-67513
- Gilder, C.** The modular approach to oscilloscope design 8-93671
- Giler, M., Wdowczyk, J., Wolfendale, A.W.** Energy spectrum of cosmic-ray electrons 8-96368
- Giles, D., Lips, A.** Light scattering method for the study of close range structure in coagulating dispersions of equal sized spherical particles 8-53273
- Giles, G.E., Jr., Childs, K.W., Sanders, J.P.** A multi-regional coupled conduction-convection model for heat transfer in an HTGR core 8-94083
- Giles, R., McLerran, L.D., Thorn, C.B.** String representation for a field with internal symmetry 8-70266
- Giletti, B.J., Yund, R.A., Semet, M.P.** Studies in diffusion. III. Oxygen in feldspars: an ion microprobe determination 8-69325
- Gilfrich, J.** see Fatemi, M. 8-69517
- Gilfrich, J.V.** see Birks, L.S. 8-68971
- Gilgenbach, R.M., McDermott, D.B., Marshall, T.C.** Thermal sensitive paper as a diagnostic for intense relativistic electron beam dynamics 8-83619
- Giling, L.J.** see Graef, M.W.M. 8-64479
- Giling, L.J.** see Van Enckevort, W.J.P. 8-68831
- Gill, A.W.** see Gur, D. 8-65127
- Gill, D., Tipper, J.C.** The adequacy of non-metric data in geology: tests using a divisive-omnithetic clustering technique 8-81413
- Gill, D.H., Newnam, B.E.** Optical performance as a measure of damage threshold: a new (practical) criterion 8-59066
- Gill, D.S.** see Capparelli, A.L. 8-95919, 8-95920
- Gill, G.** see Murray, J.W. 8-69370
- Gill, H.S., Chen, M., Judy, J.H.** Electron microscopy of in-situ ion beam sputtered amorphous Gd-Fe alloy thin films 8-63947
- Gill, R.D.** see Axon, K.B. 8-67376
- Gill, S.S.** see Patel, P.R. 8-90736
- Gill, W.D.** see Beyer, W. 8-84314
- Gill, W.D.** see Bickford, L.R. 8-68106
- Gill, W.N.** see Doshi, M.R. 8-94636
- Gilland, J.** see Brown, F.G. 8-61715, 8-81543
- Gillaume, J.C.** see Marbeuf, A. 8-91560
- Gille, J.C.** see Tay-How Lee 8-85735
- Gillen, K.T.** Metastable rare gas collisions at intermediate energies (5-3000 eV) 8-62904
- Gillen, K.T., Douglass, D.C., Griffiths, J.E.** Rotating frame NMR relaxation study of gaseous ClF 8-78721
- Gillery, F.** Howard see Howard Gillery, F.
- Gilles, J.-C.** see Vetter, G. 8-51510
- Gillespie, G.H., Yong-ki Kim, Kwok-tsang** Cheng Born cross sections for ion-atom collisions 8-66630
- Gillespie, H.M.** see Donovan, R.J. 8-62763
- Gillespie, J.** see Alibran, P. 8-50026
- Gillespie, J.B., Jennings, S.G., Lindberg, J.D.** Use of an average complex refractive index in atmospheric propagation calculations 8-57314
- Gillespie, M.** see Calkins, J. 8-80920
- Gillespie, R.J.** see Datars, W.R. 8-55953
- Gillespie, T.J.** Metallizing slurry viscometer 8-59509
- Gillespie, W.A.** see Arthur, R.G. 8-62520
- Gillissen, K.** see Marshall, A.J. 8-64454
- Gillet, C., Rogister, A.** Nonlinear theory of drift waves in multispecies plasma 8-59588
- Gillet, E.** see Grunza, B. 8-84077
- Gillet, M., Renou, A.** Reorientation of small palladium particles during growth on an MoS_2 substrate 8-84103
- Gillet, M.** see Renou, A. 8-88415
- Gillett, F.C.** see Hall, D.N.B. 8-93368
- Gillett, R.** see Goss, W.P. 8-62266
- Gilletta, F.** see Chabin, M. 8-75850
- Gillette, D.A.** see Porch, W.M. 8-65364
- Gillette, E.L.** see Meyer, K.R. 8-65095
- Gilliam, O.R.** see Kappers, L.A. 8-80213
- Gillies, C.W.** A microwave study of cis-1,2-difluoroethylene oxide: fluorine substituent effects 8-78682
- Gilligan, L.B., Scheibner, E.** Lachlan Fold Belt in New South Wales 8-96211
- Gillingham, K.K.** see Besch, E.L. 8-92734
- Gillis, H.A.** see Kevan, L. 8-72544
- Gillis, H.A.** see Nguyen, T.Q. 8-88295
- Gillis, N.S., Fuselier, C.R., Raich, J.C.** Lattice dynamics of argon and nitrogen monolayers adsorbed on graphite 8-75946
- Gillispie, G.D., Lim, E.C.** Vibrational analysis of the $\text{S}_2 \rightarrow \text{S}_1$ fluorescence of azulene in a naphthalene mixed crystal at 4.2K 8-66586
- Gillman, A.R.** see Berglund, A. 8-66160
- Gillmor, W.R.** see Clark, A.E. 8-91862
- Gillot, B.** Kinetics of the initial stage of oxidation in lacunar spinel formation. Electrical conductivity study of the transformation from $\gamma(\text{Fe}_{1-y}^{3+}\text{M}_y^{3+})_2\text{O}_{3-2y}$ to $\alpha(\text{Fe}_{1-y}^{3+}\text{M}_y^{3+})_2\text{O}_{3-2y}$ 8-92384
- Gillot, B., Rousset, A., Dupre, G.** Influence of crystallite size on the oxidation kinetics of magnetite 8-79778
- Gilly, B.** see Bontoux, P. 8-87325
- Gil'man, B.I., Kolyshnitsyn, I.Ya.** Relaxation process in MNOS structures with optical data writing 8-76154
- Gilman, F.J., Miller, D.H.** Decays of a heavy lepton involving the hadronic vector current 8-66101
- Gilman, F.J.** see Cahn, R.N. 8-58193
- Gil'man, I.I.** see Raigorodskii, A.I. 8-79828
- Gilman, I.Y.** see Andreyeva, A.F. 8-76544
- Gilman, J.J.** Structures of ferrous eutectic liquids 8-71668
- Gilman, L.B.** see Smith, P. 8-80746
- Gil'manov, A.N.** see Kashaev, R.S. 8-88217
- Gilmartin, T.J.** Nova: the laser fusion scientific feasibility experiment 8-59040
- Gilmore, B.J.** see Dunn, K.F. 8-58811
- Gilmore, R., Da Hsuan Feng** Studies of the ground-state properties of the Lipkin-Meshkov-Glick model via the atomic coherent states 8-62489
- Gilmore, R., Feng, D.H.** Phase transitions in nuclear matter described by pseudospin Hamiltonians 8-66237
- Gilmore, R., Narducci, L.M.** Relation between the equilibrium and nonequilibrium critical properties of the Dicke model 8-63049
- Gilmore, R.** see Agarwal, G.S. 8-94383
- Gilmore, R.** see Narducci, L.M. 8-71067
- Gilmour, E.** see Chivers, T. 8-68502
- Gilmozzi, R., Messi, R., Natali, G.** AM Her: new photometric results 8-85972
- Gilpin, R.R.** The effect of cooling rate on the formation of dendritic ice in a pipe with no main flow 8-90690
- Gilpin, R.R., Imura, H., Cheng, K.C.** Experiments on the onset of longitudinal vortices in horizontal Blasius flow heated from below 8-71342
- Gilpin, R.R., Lipsett, A.W.** Impingement melting: experiment and numerical simulation 8-95133
- Gilquin, B., Larher, Y.** Bidimensional condensation of oxygen on lamellar halides 8-75941
- Gilson, T.R.** see Black, J.J. 8-64906
- Gil'varg, A.B.** see Belyaev, L.M. 8-74114
- Gimarc, B., Kohn, M., Liebman, J.F.** The shapes and other properties of non-transition element complexes. I. AB_2 8-82647
- Gimarc, B.M.** The shapes and other properties of non-transition element complexes. III. AB_3 8-86790
- Gimarc, B.M., Khan, S.A.** The shapes and other properties of non-transition element complexes. II. AB_2 8-82648
- Gimarc, B.M., Khan, S.A., Kohn, M.C.** Strengths of A-A single bonds in symmetric A_2B_n molecules and ions 8-74790
- Gimbutis, G.I.** Heat transfer in the flow of a liquid-metal film under gravity on a vertical wall 8-59396
- Gimbutis, G.J., Drobavicius, A.J., Sinkunas, S.S.** Heat transfer of a turbulent water film at different initial flow conditions and high temperature gradients 8-90862
- Gimm, H.A., Hubbell, J.H.** Total photon absorption cross section measurements theoretical analysis and evaluations for energies above 10 MeV 8-90136
- Gimmestad, G.G.** see Liebe, H.J. 8-57266
- Gimpe'son, V.B.** see Nudel'man, I.M. 8-49797
- Ginderow, P.D.** Crystal structures of $\text{Pb}_2\text{In}_{10}\text{S}_{17}$ and $\text{Pb}_2\text{In}_{10}\text{S}_{13}$ 8-63707
- Gindin, E.I.** see Bakhranova, N.P. 8-52733
- Gindina, R.I.** see Lushchik, Ch.B. 8-91359
- Gindina, R.I.** see Nurakhmetov, T.N. 8-71731
- Gindina, R.I.** see O'Konnel'-Bronin, A.A. 8-88363
- Gindraux, G.** see Form, W. 8-52850
- Giner, K.T., Korovin, L.I., Pavlov, S.T.** Scattering and decay of hot excitons interacting with acoustic phonons at finite temperatures 8-76005
- Ginevskiy, A.S., Yemel'yanova, G.N., Kolesnikov, A.V.** The turbulent boundary layer on a moving surface 8-63421
- Gingerich, K.A., Choudary, U.V.** The dissociation energies of gaseous BaPd and BaRh and calculated dissociation energies of selected diatomic group IIA-platinum metal intermetallic molecules 8-58864
- Gingerich, K.A., Gupta, S.K.** Dissociation energies of the molecules RhTh and RhU from high temperature mass spectrometry and predicted thermodynamic stabilities of selected diatomic actinide-platinum metal intermetallic molecules 8-78832
- Gingerich, M.E.** see Friebele, E.J. 8-63170
- Gingerich, O.** Circumventing Newton: A study in scientific creativity 8-49583
- Gingerich, O.** The discovery of the satellites of Mars 8-89099
- Gingerich, O.** see Dollfus, A. 8-53848
- Gingold, R.A., Monaghan, J.J.** Binary fission in damped rotating polytropes 8-93209
- Ginibre, J.** see Combesure, M. 8-93546

- Giniger, R.** *see* Alfassi, Z.B. 8-71096
- Gin'ko, V.I.** *see* Vikulin, I.M. 8-72263
- Ginley, D.S.** *see* Butler, M.A. 8-60201
- Ginley, D.S.** *see* Schirber, J.E. 8-68392
- Ginman, W.H.** Activation of fracture mechanisms 8-63380
- Ginneken, A. Van** *see* Van Ginneken, A.
- Ginodman, V.B., Zaitsev, G.A., Isakov, A.I., Merkul'ev, Yu.A., Nikitenko, A.I., Rychkova, E.R., Fradkov, A.B.** Cryogenic targets produced for laser-driven fusion by freezing hydrogen on the inner surface of a spherical polymer shell 8-86688
- Ginot, P.** Review of plasma wall interactions in Tokamaks 8-94123
- Ginot, P.** *see* Adam, J. 8-71473
- Ginsberg, A.P., Brundle, C.R.** The electronic structure and the optical and photoelectron spectra of carbon suboxide 8-70745
- Ginsburg, J.H.** *see* Shivamoggi, B.K. 8-83156
- Ginsburg, A.I., Fedorov, K.N.** Thermal state of the boundary layer in the cooling water during transition from free convection to forced one 8-81192
- Ginsburg, H.** *see* Perakh, M. 8-92209
- Ginsburg, N.** *see* Palik, E.D. 8-95613
- Ginter, M.L.** *see* Brown, C.M. 8-62751, 8-66487
- Ginzberg, A.V.** *see* Volk, T.R. 8-92047
- Ginzberg, B.M.** *see* Asherov, B.A. 8-87630
- Ginzburg, A.** *see* Bar-Avraham, E. 8-49860
- Ginzburg, A.N., Fedorov, K.N.** On the critical value of the boundary Rayleigh number for the cooling of water through a free surface 8-61426
- Ginzburg, B.M.** *see* Asherov, B.A. 8-71642
- Ginzburg, E.A., Malyshev, A.B., Malt'seva, N.F.** Variations in fluxes of electrons with energies $W_e > 0.7$ MeV near the radiation-belt boundary during a magnetospheric substorm 8-96349
- Ginzburg, G.** Data treatment in cyclic voltammetry 8-61076
- Ginzburg, I.P., Sokolov, Ye.I., Uskov, V.N.** Investigation of flow in colliding underexpanded coaxial jets 8-67237
- Ginzburg, I.P., Surin, V.A., Bagautdinov, A.A., Grigor'yants, A.S., Shub, L.I.** Study of the discharge process into a liquid of a gas stream from an immersed nozzle 8-83451
- Ginzburg, M.D.** *see* Pargamanik, L.E. 8-67421
- Ginzburg, N.S.** *see* Bratman, V.L. 8-90405
- Ginzburg, S.K., Bruk, Yu.G., Shul'man, V.M., Krivodub, S.P.** Heating of thin samples of maraging steels with brief aging 8-52866
- Ginzburg, S.K., Kiselev, V.D., Vorob'eva, N.I.** Mechanism for formation of local intergranular fractures in cast high-strength steel 8-95795
- Ginzburg, S.L.** On the possibility of existence of the spin glass phase in amorphous magnetic substances 8-72362
- Ginzburg, V.A.** *see* Rekhsion, S.M. 8-92292
- Ginzburg, V.L., Dorman, I.V.** Nature and origin of cosmic rays; history and today's position 8-73590
- Ginzburg, V.L., Tsytoich, V.N.** Transition radiation and transition scattering in vacuum in the presence of a strong electromagnetic field 8-58895
- Giorgi, M.** *see* Fidecaro, G. 8-66157
- Giordano, G.** *see* Dupont, A. 8-55092
- Giordano, M., Ranier, G.** Nuclear double resonance by longitudinal detection 8-78733
- Giordano, N., Wolf, W.P.** Experimental study of critical, tricritical and crossover phenomena in dysprosium aluminium garnet 8-68251
- Giordano, P., Bottiroli, G., Prena, G., Doglia, S., Baldini, G.** Low temperature microspectrofluorometry: design of a 'cold chamber' 8-57144
- Giordano, V., Manduchi, C., Russo-Manduchi, M.T., Segato, G.F.** Small-angle elastic scattering of 2.5 MeV neutrons 8-74361
- Giorgi, A.L., Matthias, B.T.** Unusual superconducting behaviour of the molybdenum-technetium system 8-56251
- Giorgi, A.L., Matthias, B.T., Stewart, G.R.** Discovery of a superconducting A-15 phase in the V-Re system 8-88060
- Giorgi, A.L.** *see* Stewart, G.R. 8-68111, 8-80095, 8-91813
- Giorgi, M.** *see* De Giorgi, M.
- Giorgi, T.A.** *see* Mari, C.M. 8-80812
- Giorgianni, S.** *see* Monnatteuil, N. 8-82718
- Giorgilli, A., Gagliani, L.** Formal integrals for an autonomous Hamiltonian system near an equilibrium point 8-89047
- Giorni, A.** *see* Koang, D.H. 8-74388
- Giorni, A.** *see* Tsan Ung Chan 8-74313
- Giovachini, J.-L.** *see* Boulois, J.L. 8-62970
- Giovanelli, R.** *see* Haynes, M.P. 8-89253
- Giovanelli, R.G., Slaughter, C.** Motions in solar magnetic tubes. I. The downflow 8-77530
- Giovanelli, F.** *see* Auriemma, G. 8-96564
- Giovannini, B., Weiss-Parmeggiani, L., Ulrich, B.T.** Phase locking in coupled Josephson weak links 8-72309
- Giovengo, J.F.** *see* Goldberg, I. 8-86651
- Gippius, E.F., Kolesnikov, V.N.** Diagnostics of non-equilibrium plasma of a strong current pulse discharge in helium 8-75271
- Gippetto, C., Cucuzza, F.** A powerful thyristor modulator with periodically interrupted supply (for microtron): prototype realization 8-55061
- Gippius, E.F., Iljkhin, B.I., Kolesnikov, V.N.** The impact-radiative recombination rate in strongly ionized helium plasma 8-59546
- Gippius, E.F., Iljkhin, B.I., Kolesnikov, V.N.** Principal kinetic and dynamic processes in high-current pulse discharge plasma and their influence on the state of plasma 8-67601
- Gippius, E.F., Kolesnikov, V.N.** Partial equilibrium disturbances in high-current pulse discharge plasma 8-67600
- Gippius, E.F.** *see* Pikalov, V.V. 8-91072
- Giquere, P.** *see* Misra, S.K. 8-68359
- Giral, L.** *see* Chasseau, D. 8-91329
- Giral, L.** *see* Flandrois, S. 8-64032
- Giral, L.** *see* Keryer, G. 8-76059
- Giral, L.** *see* Megtert, S. 8-51912
- Giralt, F., Beguier, C.** 8-87347, 8-94666
- Girard, C., Baret, R., Bros, J.P.** The excess Gibbs functions of (Al+Ga+In) between 633 and 1173K 8-60655
- Girard, J.** *see* Poitou, J. 8-70721
- Girard, J.P.** *see* Adam, J. 8-71473
- Girard, P., Minier, C.** Interaction between dislocations and point defects produced by the electron irradiation of silver 8-87703
- Girard, T.A., Avignone, F.T., III** Beta end-point-energy measurements with a hyperpure germanium detector 8-78587
- Girardeau, M.D.** Equilibrium superradiance in a Bose gas 8-55994
- Girardello, L., Sciuto, S.** Inverse scattering-like problem for supersymmetric models 8-93818
- Girardello, L.** *see* Ferrara, S. 8-62313
- Girardi, F., Bertozzi, G., D'Alessandro, M.** Long-term risk assessment of radioactive waste disposal in geological formations 8-58387
- Girardi, F.** *see* Bertozzi, B. 8-55046
- Girardin, J., Poirier, J.** Determination of the application limits of a commercial U Mo 10 alloy. Influence of the metallurgical factors (in particular of carbon) on the fracture processes 8-60751
- Giraud, B.G.** Lower bounds to bound state eigenvalues 8-49722
- Giraud, B.G.** Relation between various microscopic theories of collisions and nuclear motions 8-54727
- Giraud, B.G., Letourneux, J.** From wave packets to stationary waves 8-62558
- Giraud, B.G., Orland, H.** Hartree-Fock theory with hard cores 8-89811
- Giraud, B.G., Turchetti, G.** Rigorous lower bounds to the energy levels with finite summations 8-54216
- Giraud, G.** *see* Ottavii, H. 8-60097
- Giraud, M.** *see* Smith, E.W. 8-66602
- Giraud, N., Avishai, Y., Fayard, C., Lamot, G.H.** Polarization observables in π -d scattering 8-78210
- ef3Giraud, R.** *see* Remond, G. 8-78046
- Giraudet, R.** *see* Chevillard, J.-P. 8-50543
- Girault, B., Gouskov, A., Boungnot, J.** Synthesis of the ternary compound, ZnGeP₂ and its characterisation 8-80467
- Girault, B.** *see* Gouskov, L. 8-64102
- Girerd, J.-J.** *see* Charlot, M.-F. 8-52239
- Gires, F.** *see* Botineau, J. 8-55405
- Giridov, A.D.** Calculation of turbulent diffusion in a plane-parallel flow 8-67190
- Giri, J.** *see* Crouzet-Pascal, J. 8-67065
- Giri, J.** *see* Kounadis, A.N. 8-63343
- Giri, M.R., Stephen, M.J.** Ising spin glass near the percolation threshold 8-72352
- Giri, N.** *see* Parida, M.K. 8-74215
- Giriappa, T.** *see* Ih, C.S. 8-71054
- Girich, B.G.** *see* Kosogov, O.V. 8-56225
- Girichev, G.V., Zorin, E.Z., Giricheva, N.I., Krasnov, K.S., Spiridonov, V.P.** Structure, force field and Coriolis constants of the molecules of titanium, zirconium, and hafnium tetrabromides and tetraiodides 8-86843
- Giricheva, N.I.** *see* Girichev, G.V. 8-86843
- Girifalco, L.A.** *see* Alonso, J.A. 8-72096
- Girin, O.B., Khusid, O.S.** Mathematical model of the formation of the axial texture (111) [hkl] in electrodeposited chromium 8-84082
- Girlanda, R.** *see* Balzarotti, A. 8-63974
- Girlanda, R.** *see* Doni, E. 8-80379
- Giromini, P.** *see* Bartalucci, S. 8-50037
- Girotti, H.O.** Manifestly covariant approach for the one-soliton sector 8-78092
- Giroud, A.-M.** Mesomorphic transition metals complexes 8-94970
- Girton, M.** *see* Alderson, P.O. 8-65113
- Giruin, S.M.** Fluorescence spectrum of heavily doped cadmium sulphide 8-52568
- Girvin, S.M.** Thermoelectric power of superionic conductors 8-51727
- Girvin, S.M.** New method for the Ising model phase diagram 8-56323
- Girvin, S.M.** Critical conductivity of the lattice gas 8-93614
- Girvin, S.M.** *see* Mahan, G.D. 8-80114
- Gisclon, J.L.** *see* Diaine, C. 8-63780
- Gislason, E.A.** *see* Budenholzer, F.E. 8-66627
- Gisler, G.R.** Clusters of galaxies and the statistics of emission-line galaxies 8-65703
- Gismatullin, Yu.R., Lantsev, I.A.** On mechanism of the reaction $^{12}\text{C}(\pi^+, \pi^4\text{He})^8\text{Be}$ at 112 MeV 8-86553
- Gisser, M., Pohoryles, S.** Water shortage in Israel: long-run policy for the farm sector 8-61454
- Gitelman, H.J.** *see* Pishker, G.A. 8-80849
- Gitgarts, M.I., Ivashin, V.V.** Submicroscopic structure of the ageing austenitic steel Kh12N20T3R and its role in dispersion hardening 8-64549
- Gitgarts, M.I., Tolstoi, A.V.** Singularities of diffraction patterns of polycrystalline copper-beryllium alloys and their interpretation 8-67682
- Gitlin, S.N.** Microprobe analysis of Project DUSTORM halonite samples 8-73453
- Gitman, D.M., Frolov, V.P.** The density matrix in the QED and Hawking effect 8-89644
- Gitman, D.M.** *see* Bagrov, V.G. 8-49954
- Gitman, D.M.** *see* Frolov, V.P. 8-66060
- Gitomer, S.J., Brysk, H.** Space-charge effects on particle diagnostics of laser-produced plasmas 8-63581
- Gits-Leon, S., Lefaucheux, F., Robert, M.C.** Effect of stirring on crystalline quality of solution grown crystals—case of potash alum 8-91281
- Gitterman, M.** Hydrodynamics of fluids near a critical point 8-59361
- Gitterman, M., Steinberg, V.** Multiple solutions to the equation of the law of mass action 8-80778
- Gittleman, J.I.** *see* Ping Sheng 8-52044
- Gittleman, J.I.** *see* Sichel, E.K. 8-80430
- Gittus, J.H.** High-temperature deformation of two phase structures 8-68738
- Gittus, J.H.** Hypothesis linking void swelling and precipitation in pile 8-70595
- Gittus, J.H.** *see* Tomkins, B. 8-80685
- Giudice, S.** *see* Del Giudice, S.
- Giuliani, J.F.** Multiphoton excitation and emission from europium ions in aqueous solution 8-94222
- Giuliano, E.S., Ruggeri, R., Gyorffy, B.L., Stocks, G.M.** Is the rigid-band model valid for Mo₂Nb_{1-x} alloys? 8-95258
- Giunchi, G.** *see* Novaro, O. 8-56891
- Giuntini, C.** *see* Pistolesi, M. 8-61250
- Giurgea, M.** *see* Volatie, P. 8-52523
- Girguin, A.** *see* Pop, I. 8-84386
- Giuricin, G.** *see* Cester, B. 8-61886
- Giusti, C.** *see* Pacati, F.D. 8-66230
- Giusti, P.** *see* Basile, M. 8-70416, 8-74240
- Giusti-Suzor, A.** *see* Raseev, G. 8-78805
- Givan, A., Loewenschuss, A.** Matrix isolation infrared and Raman spectra of binary and mixed zinc dihalides, isotopic effects, force constants, and thermodynamic properties 8-55171
- Givan, A., Loewenschuss, A.** A critical evaluation of spectroscopic parameters from vibrational isotopic effects in matrix isolated MX₂ and MX_Y molecules (M=Zn, Cd, Hg; X, Y=Cl, Br, I) 8-74798
- Givan, A., Loewenschuss, A.** Evidence for existence and vibrational characterisation of Group IIb mixed fluorides 8-78706
- Givan, A., Loewenschuss, A.** Matrix isolation far-infrared spectra and thermodynamic properties of binary and mixed cadmium dihalides 8-86869
- Givan, A., Loewenschuss, A.** Raman spectrum of matrix isolated molecular magnesium species 8-90170
- Givindara, V.M.H.** Mass transfer with surface reaction in arrays of cylinders at low Reynolds and high Peclet numbers: flow perpendicular to the axis of the cylinders 8-79369
- Givord, D.** *see* Deportes, J. 8-84393
- Givord, F.** *see* Gignoux, D. 8-84427
- Giwa, F.B.A., Hussain, L.A.** A theory of atmospheric tides generated by the differential heating between land and sea 8-65374
- Gizella, A.** Scaled simulation rupture test of the ZR-6M reactor pressure vessel 8-89964
- Gizhevskii, B.A.** *see* Samokhvalov, A.A. 8-88109
- Gizon, A., Gizon, J., Diamond, R.M., Stephens, F.S.** Prolate-oblate transition in Nd isotopes 8-70438
- Gizon, A.** *see* Gizon, J. 8-50121
- Gizon, A.** *see* Yoshikawa, N. 8-50067
- Gizon, J., Gizon, A., Lee, Y.K., Elliott, D.O.** Gamma-ray linear polarization measurements in ^{129}Ba [produced in $^{120}\text{Sn}(^{12}\text{C}, 3n)$] 8-50121
- Gizon, J.** *see* Gizon, A. 8-70438
- Gizon, J.** *see* Yoshikawa, N. 8-50067
- Gjessing, D.T.** A generalised method for environmental surveillance by remote probing 8-57363
- Gjevik, B.** *see* Nilsen, A. 8-96307

- Gjonnes, J., Solberg, J.K.** The effect of diffuse scattering on the dark-field contrast from precipitates 8-67627
- Gjonnes, J., Taftø, J.** Theoretical and experimental studies of Bloch wave channelling 8-83860
- Gjotterud, O.K., Hoff, P., Pappas, A.C.** Gross properties of delayed neutron spectra 8-78327
- Gjotterud, O.K., Hoff, P., Pappas, A.C.** Detailed structure of delayed neutron spectra 8-78328
- Gjuricin, G.** *see* Cester, B. 8-61885
- Glaberson, W.I.** *see* Yarmchuk, E.J. 8-57949, 8-79832
- Glackin, D.L., Linsky, J.L., Mango, S.A., Bohlin, J.D.** The solar XUV He I and He II emission lines. II. Intensity ratios and distribution functions 8-57516
- Gladd, N.T.** *see* Davidson, R.C. 8-67397
- Gladilin, V.N.** *see* Klyukanov, A.A. 8-72414
- Gladin, R.T., Umemoto, M., Wayman, C.M.** A color metallographic technique for studying microstructural reproducibility in martensitic transformations 8-72954
- Gladishevskii, E.I.** *see* Akselrud, L.G. 8-83773
- Gladkii, A.M., Kovalenko, V.P.** On equilibrium of electron bunches exciting nonlinear plasma wave 8-75369
- Gladkii, V.V.** *see* Magataev, V.K. 8-72477
- Gladkikh, P.I., Mazmanishvili, A.S., Mocheshnikov, N.I., Tarasenko, A.S.** Fine structure of the coherent microwave emission from an electron storage ring 8-78875
- Gladkikh, V.A.** Radiation from charged tachyons in a dispersive medium 8-74186
- Gladkikh, V.A.** Electromagnetic radiation of a charged tachyon moving in a dispersive medium 8-74187
- Gladkov, E.A., Akulov, A.I., Petrov, A.V., Aleksandrov, A.N.** Investigation of the volt-amp characteristics of a compressed arc in plasma welding 8-83628
- Gladkov, L.L.** *see* Solovoy, K.N. 8-62812
- Gladnev, E.S., Hensley, W.K., Minor, M.M.** Comparison of three techniques for the measurement of depleted uranium in soils 8-61087
- Gladstein, L.I., Larionova, N.P.** Accelerated method of determining transition temperature of steel from form of fracture 8-85080
- Gladskoi, V.M.** *see* Bykovskii, Yu.A. 8-59631, 8-61097
- Gladun, A.D.** *see* V'yurkov, V.V. 8-91708
- Gladush, V.M.** *see* Gorbatenko, V.E. 8-53108, 8-53118
- Gladwell, I.** *see* Siemieniuch, J.L. 8-62165
- Gladyschuk, A.A., Kosarev, V.M., Kostko, V.S.** A spectrometric method of determining the diffusional displacement length of minority carriers 8-84230
- Gladyshev, V.A.** *see* Galperin, Yu.I. 8-88997
- Gladyshevskii, E.I.** *see* Bodak, O.I. 8-56290
- Gladyshevskii, E.I.** *see* Kotur, B.Ya. 8-95044
- Gladyshevskii, E.I.** *see* Pecharskii, V.K. 8-95037
- Gladyshevskii, E.I.** *see* Stroganov, G.B. 8-56612
- Glaefke, H.** *see* Fitting, H.J. 8-76593
- Glaefke, H.** *see* Fitting, H.-J. 8-92180
- Glaeser, R.M., Taylor, K.A.** Radiation damage relative to transmission electron microscopy of biological specimens at low temperature: a review 8-57147
- Glaeser, W.A.** *see* Dufrane, K.F. 8-64719
- Glaeser, W.A.** *see* Plumb, R.S. 8-64728
- Glaeser, W.A.** *see* Rigney, D.A. 8-64730
- Glaeser, W.A.** *see* Rybicki, E.F. 8-63400
- Glagolevskii, V.G.** *see* Aludauri, A.Sh. 8-93676
- Glagolevskii, Yu.V., Kozlova, K.I., Polosukhina, N.S.** On the variability of the H α hydrogen line in the spectrum of the magnetic variable star β CrB 8-69815
- Glagovskii, A.A., Ivanov, S.N., Makletsov, A.N.** Absorption of ultrasonic waves in silicon carbide 8-72210
- Glahn, L.R., Woitscheck, A.** Causes of the various types of weldment cracking in low alloy creep resisting steels 8-56760
- Glancy, J.E.** *see* Kull, L.A. 8-82484
- Gland, J.L., Korchak, V.N.** The adsorption of oxygen on a stepped platinum single crystal surface 8-79891
- Glandt, E.D.** The fourth virial coefficient for a Lennard-Jones fluid in two dimensions 8-59723
- Glandt, E.D., Fitts, D.D.** Hypernetted-chain equation of state for the two-dimensional Lennard-Jones fluid 8-67800
- Glandus, J.C.** *see* Boch, P. 8-80579
- Glangeaud, F., Knob, A., Lacoume, J.L., Troitskaya, V., Krilov, S., Gorbine, W.** Movement and distribution of the energetic particles which generate Pc 1 8-61680
- Glantz, L.** *see* Sundqvist, B. 8-82342
- Glantz, M.H.** Nine fallacies of natural disaster: the case of the Sahel 8-57302
- Glantz, S.A.** How the Department of Defense shaped academic research and graduate education 8-62031
- Glanz, G., Zuda, A., Goran, M., Crivat, D.** Polymorphism and some aspects, related to the stabilisation of zirconia 8-59946
- Glanzer, N.H.** *see* Becker, H.C. 8-73293
- Glaros, S.S.** *see* Storm, E.K. 8-74471
- Glas, D., Mosel, U.** Yrast line versus entrance channel limitation in heavy ion induced fusion reactions 8-89929
- Glasbeek, M., van Voorst, J.D.W.** Influence of random intrinsic strain upon the zero-field double-resonance spectra of the CaO F-center in its excited Jahn-Teller states 8-84499
- Glaser, H., Pruckner, E.** Heat transfer between the surface of a river and the atmosphere 8-96253
- Glaser, I., Friesem, A.A.** Imaging properties of holographic stereograms 8-78978
- Glaser, U.** *see* Rennert, P. 8-63970
- Glaser, V., Grosse, H., Martin, A.** Bounds on the number of eigenvalues of the Schrodinger operator 8-49693
- Glaser, Z.R.** *see* Dodge, C.H. 8-73172
- Glashauser, C.** *see* Hoffman, G.W. 8-54760
- Glashauser, C.** *see* Hoffmann, G.W. 8-70526
- Glasko, V.B.** *see* Shklyarov, I.N. 8-90632
- Glasow, P., Muller, A., Raab, G., Wolf, H.J.** High-purity germanium detectors for X- and gamma-ray spectroscopy 8-86723
- Glass, A.D.M.** An improved method of sample preparation for the radioassay of β -particle emitters by Cerenkov counting 8-81088
- Glass, A.J.** Beam transport optics for laser fusion 8-83017
- Glass, A.J.** *see* Boling, N.L. 8-83025
- Glass, A.M.** *see* Negran, T.J. 8-90422
- Glass, E.N., Goldman, S.P.** Relativistic spherical stars reformulated 8-49731
- Glass, E.N., Wilkinson, D.A.** Rotating steady-state configurations in general relativity. II 8-73899
- Glass, F.M., Birkhoff, R.D.** A simple electrometer-ratiometer of high sensitivity and precision 8-70154
- Glass, G., Jain, M., Bonner, B.E., Hollas, C.L., Newsom, C.R., Riley, P.J.** The inclusive reaction, $np \rightarrow pX$ at 800 MeV 8-62437
- Glass, G.** *see* Bonner, B.E. 8-50173, 8-50174, 8-62434, 8-62445
- Glass, G.** *see* Hollas, C.L. 8-70384
- Glass, G.** *see* Riley, P.J. 8-70389, 8-70534
- Glass, G.** *see* Thomas, W. 8-70392
- Glass, H.L., Liaw, J.H.W.** Growth and characterization of LPE hexagonal ferrites 8-68640
- Glass, H.L., Liaw, J.H.W.** LPE growth of lithium ferrite on spinel substrate crystals 8-76613
- Glass, I.S.** Infrared sources in the vicinity of 2S1728-337 8-54076
- Glass, I.S.** Variations of Circinus X-1 in the infrared 8-54086
- Glass, I.S.** NGC 5506: an almost Seyfert galaxy 8-65696
- Glass, I.S.** The long-term infrared behaviour of RCB stars 8-96490
- Glass, I.S.** *see* Martin, W.L. 8-77603
- Glass, N.E., Boffi, S., Bilello, J.C.** Inelastic neutron scattering from screw dislocations 8-75774
- Glass, R., Hibbert, A.** The hyperfine structure of the ground states of first-row atoms 8-74583
- Glass, R., Hibbert, A.** The use of Breit interaction: the $^3P_1 \rightarrow ^1S_0$ intercombination line in beryllium-like systems 8-78641
- Glass, S.J., Mendlowitz, H.** Charged-particle radiation in periodic magnetic arrays: Wavelength and polarization 8-58149
- Glassel, P.** *see* Jared, R.C. 8-55102
- Glassel, P.** *see* Wozniak, G.J. 8-50202, 8-62585
- Glassen, R.C.** *see* Pilotte, J.O. 8-73546
- Glasser, D., Kern, J.** Bounds and approximate solutions to linear problems with nonlinear boundary conditions: solidification of a slab 8-67810
- Glasser, F.** *see* Tsan Ung Chan 8-74313
- Glasser, J., Chapelle, J.** Experimental study of infrared continuum emission of a dense arc plasma 8-71604
- Glasser, J., Vilardrosa, R., Chapelle, J.** Diagnostics of dense plasmas by infrared schlieren and absorption techniques 8-79465
- Glasser, L.** *see* Brink, G. 8-83714
- Glasser, L.A.** *see* Ho, P.-T. 8-83002
- Glasser, M.L.** Asymptotic evaluation of an integral arising in polaron theory 8-56082
- Glasser, N., Lami, H.** Effect of temperature on the electronic transition moment of indoles in N-heptane and water 8-58744
- Glassgold, A.E.** *see* Gerola, H. 8-85986
- Glassl, P.** *see* von Egidy, T. 8-66215
- Glassley, W.E., Piper, D.Z.** Cobalt and scandium partitioning versus iron content for crystalline phases in ultramafic nodules 8-65306
- Glassman, A.J.** *see* Bulos, B.R. 8-66489
- Glassman, I.** *see* Santoro, R.J. 8-59529
- Glasson, G.T.** *see* McRae, B.P. 8-88899
- Glatman, R.A.** Overtaking interaction between shock waves 8-71369
- Glatz, F., Betz, P., Ropke, H.** High-spin states in ^{48}Ti 8-74378
- Glatzel, E.** New lenses—new principles of lens design 8-50888
- Glatzel, W.D., Brauer, H.** Impact abrasion 8-88536
- Glaubman, M.J.** *see* Oliver, W.P. 8-89857
- Glaudemans, P.W.M., Goossens, R.J.G., van Hees, A.G.M., Metsch, B.C., Vennink, R.** Effects of ^{56}Ni core excitations 8-78254
- Glaudemans, P.W.M.** *see* Zalm, P.C. 8-82280
- Glaunsinger, W.S.** *see* Pintchovski, F. 8-88004
- Glavanakov, I.V., Stibunov, V.N., Fedorov, N.P.** Pulse shaper for scintillation and Cerenkov counters 8-86748
- Glavish, H.F.** Polarised ion sources and low energy collector rings 8-58515
- Glavish, H.F.** *see* Hennies, D. 8-55078
- Glawe, U.** *see* Bienlein, J.K. 8-93894
- Glawischning, H.** *see* Haas, E.W. 8-83837
- Glaze, J.A., Godwin, R.O.** The Shiva laser: nearing completion 8-50812
- Glaze, J.A., Godwin, R.O.** The Shiva laser system for fusion research 8-50820
- Glaze, J.A.** *see* Godwin, R.O. 8-82989
- Glaze, J.A.** *see* Hunt, J.T. 8-74938
- Glazer, A.A., Gass, V.G., Potapov, A.P., Shur, Ya.S.** Mechanisms of magnetic reversals of thin manganese-bismuth films 8-60318
- Glazer, A.A.** *see* Tagirov, R.I. 8-88148
- Glazer, A.M., Hidaka, M., Bordas, J.** Energy-dispersive powder profile refinement using synchrotron radiation 8-67613
- Glazer, A.M., Mabud, S.A.** Powder profile refinement of lead zirconate titanate at several temperatures. II. Pure PbTiO_3 8-51476
- Glazer, A.M., Mabud, S.A., Clarke, R.** Powder profile refinement of lead zirconate titanate at several temperatures. I. $\text{PbZr}_{0.9}\text{Ti}_{0.1}\text{O}_3$ 8-51475
- Glazer, A.M.** *see* Jan, N. 8-49776
- Glazer, A.M.** *see* Whatmore, R.W. 8-80296
- Glazik, J.L.** *see* Petroski, H.J. 8-74446
- Glazkov, A.Ya.** *see* Fel'dman, E.I. 8-85071
- Glazkov, V.M., Kudryavtseva, L.A., Sukhin, V.I.** Relation between static mechanical characteristics and impulse stress in metal rods 8-95779
- Glazkov, V.P., Somenko, V.A., Shil'shtein, S.Sh.** Superposition recording method for neutron crystal spectrometer 8-78548
- Glazkov, V.P.** *see* Petrunin, V.F. 8-92244
- Glazkov, Yu.A.** *see* Aleksandrov, A.G. 8-53102
- Glazkov, Yu.N.** *see* Bebenin, G.G. 8-96106
- Glazkova, I.V.** *see* Mostovoi, R.M. 8-76061
- Glaznev, A.N.** *see* Shul'gin, V.A. 8-76138
- Glazov, G.N., Igonin, G.M.** Potential accuracy of measuring coherent-Doppler turbulent-velocity streams 8-71406
- Glazov, G.N.** *see* Belov, V.V. 8-57338
- Glazov, O.A.** Motion of an electrically conducting fluid and heat transfer in an annular channel in an axial magnetic field 8-75218
- Glazunov, A.A., Zaulichnyi, E.G., Ivanov, V.Ya., Rychkov, A.D.** Boundary-layer interaction with a nonequilibrium two-phase stream on a surface being burned out in an axisymmetric Laval nozzle 8-83452
- Gleadow, A.J.W.** Anisotropic and variable track etching characteristics in natural sphenes 8-65435
- Gleadow, A.J.W., Lovering, J.F.** Fission track geochronology of King Island, Bass Strait, Australia: relationship to continental rifting 8-53628
- Glebocki, R., Stawikowski, A.** The intensity effect in the Wilson-Bappu relationship 8-85937
- Glebov, B.N.** Calculation procedures for luminaires with mirror cylindrical surfaces 8-63166
- Glebov, L.B., Popova, L.B., Tolstoi, M.N., Rusan, V.V.** The production of very-high-purity silicate glass 8-87176
- Glebov, L.B.** *see* Gagarin, A.P. 8-52598
- Gledhill, G.A., Angress, J.F., Brozel, M., Newman, R.C.** The infrared vibrational absorption of gallium arsenide irradiated with fast neutrons 8-75776
- Gledhill, G.A.** *see* Angress, J.F. 8-76474
- Gledhill, J.A.** *see* Haggard, R. 8-81505
- Gledhill, R.A., Kinloch, A.J., Yamini, S., Young, R.J.** Relationship between mechanical properties of and crack propagation in epoxy resin adhesives 8-68783
- Gleeson, L.J.** *see* Ip, W.-H. 8-77442
- Gleeson, L.J.** *see* Webb, G.M. 8-69623
- Gleisberg, F.** *see* Christen, D. 8-70832
- Gleiter, G.** *see* Petermann, J. 8-75597
- Gleiter, H.** *see* Jaeger, W. 8-88508
- Gleiter, H.** *see* Miles, M. 8-51437, 8-67923
- Gleiter, H.** *see* Smidoda, K. 8-51559
- Gleitner, C.** *see* Claude, J.M. 8-51506
- Gleitner, C.** *see* El Balkhi, A.M. 8-95034
- Gleitner, C.** *see* Gaballah, I. 8-84113
- Gleitner, C.** *see* Migeon, H.-N. 8-95051
- Gleizes, A., Galy, J.** Synthesis, structure and characterisation of a new molybdenum (V) compound: $[\text{SeCl}_3]^+[\text{MoOCl}_4]^-$ 8-63722

- Gleizes, A., Kafrouni, H. Contribution to the study of the electron-ion recombination in an argon plasma 8-59687
- Glemente, R., Tessarotto, M. Detailed toroidal effects on the force free magnetostatic solution for toroidal reversed field pinches 8-67391
- Glemser, O. *see* Koniger, F. 8-62802
- Glendenin, L.E. *see* Griffin, H.C. 8-78314
- Glendenning, N.K. *see* Charlton, L.A. 8-54785
- Glenn, L.A., Jaun, H. Crack propagation in rock plates loaded by projectile impact 8-60741
- Glezer, A.M., Zolotarev, S.N., Molotilov, B.V., Pikus, E.A. Quantitative determination of the atomic order parameters from the topology of electron-microscope diffraction contrast from antiphase boundaries in ordered alloys 8-95016
- Glezer, A.M. *see* Byadretidinova, M.A. 8-56653
- Glezer, M.A. *see* Byadretidinova, M.A. 8-80584
- Glezer, V.D., Gauzelman, V.E., Tsherbach, T.A., Dudkin, K.N. Comments on organization and spatial-frequency characteristics of receptive fields in the visual cortex 8-69068
- Glezer, V.D. *see* Dudkin, K.N. 8-69046
- Glick, H.A. *see* Makinen, M.W. 8-96006
- Glicksman, L.R. *see* Han, J.C. 8-87233
- Glicksman, M., Mittleman, S., Meyer, J.R. Infrared absorption in a high density electron-hole plasma in germanium at low temperatures 8-92078
- Glicksman, M. *see* Meyer, J.R. 8-68046
- Glicksman, M.E. *see* Masumura, R.A. 8-55871
- Gliemann, G. *see* Holzapfel, W. 8-52538
- Glikman, L.G., Kel'man, V.M., Pavlichkova, O.V., Sapargaliev, A.A. Wedge-shaped prism with combined electric and magnetic fields 8-50689
- Glikman, L.G., Pavlichkova, O.V., Spivak-Lavrov, I.F. Cone-shaped prisms with combined electric and magnetic fields 8-50690
- Gliko, A.O., Zharkov, V.N. Absorption of seismic waves in a partially-melted medium 8-85488
- Glimcher, M.J. *see* Ando, Y. 8-64929
- Glimcher, M.J. *see* Grodzinsky, A.J. 8-92667
- Glitchuk, K.D., Prokhorovich, A.V., Rodionov, V.E., Vovnenko, V.I. Study of non-linear extrinsic luminescence in GaAs 8-84645
- Glitchuk, K.D. *see* Vovnenko, V.I. 8-72593
- Glitchuk, M.D. *see* Bykov, I.P. 8-88179
- Gliner, R.E. Determining the limits of regulating the carbon potential during carburizing 8-85052
- Glinskaya, L.A. *see* Klevtsova, R.F. 8-79597
- Glinski, J. *see* Ernst, S. 8-75728
- Glinskii, G.F. The metric in the non-linear theory of a scalar field 8-74127
- Gliozi, A. The role of swelling, amorphous vs. crystalline content charge density and applied stress on the transport properties of polymeric films 8-77028
- Gliozi, F. String-like topological excitations of the electromagnetic field 8-93835
- Glissmann, T. A coincidence method for measuring refraction-free directions 8-87124
- Glisson, A.W., Wilton, D.R. A simple approach to the problem of coupling through azimuthally symmetric apertures in bodies of revolution 8-62984
- Glisson, T.H., Hauser, J.R., Littlejohn, M.A., Williams, C.K. Energy bandgap and lattice constant contours of III-V quaternary alloys 8-67940
- Gliwinski, J. A laser interferometer for measurement of angles 8-77853
- Globenko, Yu.V. *see* Iogensen, L.V. 8-83093
- Glober, L., III *see* Clark, H.B. 8-65289
- Glocker, R., Fritsche, L. Pressure dependence of the electron-phonon coupling in lanthanum 8-80087
- Glockle, W. S-matrix pole trajectory in a three-neutron model 8-82296
- Glodz, M. Experimental dependence of two-photon absorption efficiency on mode selection and mode locking of He-Ne laser 8-83023
- Gloeckler, G. *see* Hovestadt, D. 8-85790
- Gloeckler, G. *see* Ipavich, F.M. 8-86733
- Gloeckler, G. *see* Scholer, M. 8-89148
- Gloeckner, D.H. *see* Pieper, S.C. 8-82378
- Gloersen, P., Zwally, H.J., Chang, A.T.C., Hall, D.K., Campbell, W.J., Ramseier, R.O. Time-dependence of sea-ice concentration and multiyear ice fraction in the Arctic Basin 8-81174
- Gloersen, P. *see* Campbell, W.J. 8-81173
- Gloersen, P. *see* Gudmandsen, P. 8-81419
- Glogarova, M. *see* Beige, H. 8-92025
- Gloor, W.E. Generalized exponential distribution as an adequate description of the molecular weight distribution of many polymers 8-94346
- Glore, J.P. *see* Bame, S.J. 8-85788, 8-85800
- Glorieux, P., Hills, G.W. Double resonance and collision-induced transitions in the radiofrequency spectra of H₂CO and HDCO observed inside the cavity of a CO₂ laser 8-74686
- Glorieux, P. *see* Arimondo, E. 8-66569, 8-74933, 8-90197, 8-90320
- Glosik, J., Rakshit, A.B., Twiddy, N.D., Adams, N.G., Smith, D. Measurement of the rates of reaction of the ground and metastable excited states of O₂⁺, NO⁺ and O⁺ with atmospheric gases at thermal energy 8-92443
- Gloskovskaya, N.K. *see* Bolesta, I.M. 8-56520
- Glosser, R. *see* Frazier, G.A. 8-56463
- Glott, G. *see* Schonauer, W. 8-90816
- Glottel, D. Ground-state properties of f band metals: lanthanum, cerium and thorium 8-75989
- Glottel, D. Ground-state properties of f band metals: lanthanum, cerium and thorium 8-91607
- Gloux, P. *see* Gaillard, J. 8-88224
- Glova, A.F. *see* Gavriluk, V.D. 8-50801
- Glover, A.G. *see* Eaton, N.F. 8-60777
- Glover, A.J. *see* Robinson, W.H. 8-75676
- Glover, G., Thomson, T.R., Williams, J. Cold-rolled HSLA steels containing niobium and vanadium 8-88471
- Glover, R.E., III. *see* Chottiner, G. 8-71950
- Glowacki, K., Wojtczak, L., Sukiennicki, A. Magnetic order at surfaces of transition metals 8-95439
- Glowiak, T. *see* Kubicki, M.M. 8-59794
- Glowinski, R., Pironneau, O. Approximation by mixed finite elements of the Stokes' problem in the velocity pressure formulation 8-86164
- Glubrecht, H. Future trends in the application of isotopes and radiation 8-55041
- Gluchowski, W. *see* Bagrowski, J. 8-51331
- Gluck, M. Gluon contribution to hadronic J/ψ production 8-66084
- Gluck, M., Owens, J.F., Reya, E. Gluon contribution to hadronic J/ψ production 8-78139
- Gluck, P. On current carrying superconducting tin whiskers 8-72304
- Gluck, P. Remarks on the viscosity of liquid metals 8-91468
- Gluckert, S., Neuhausen, R. The energy loss system of the electron scattering facility at the Mainz 300 MeV linear accelerator 8-58524
- Gluckert, S. *see* Wohlfahrt, H.D. 8-54679
- Glucklich, J., Landel, R.G. Strain energy function of styrene butadiene rubber and the effect of temperature 8-56684
- Gluckstern, R.L. Distribution of the maximum orbit distortion for randomly distributed misalignments 8-82549
- Glukharov, T.N. *see* Petrov, I.N. 8-79625
- Glukhikh, V.A., Kostenko, A.I., Monoszon, N.A., Tishchenko, V.A., Trokhachev, G.V. Results of investigations of high specific breaking power superconducting switches 8-55020
- Glukhov, V.P. Planar cycle remagnetization of a ferromagnetic under sinusoidal induction 8-80177
- Glukhov, Yu.B. *see* Chernykh, I.V. 8-64145
- Glukhovskoy, B.M., Yaroshenko, I.F. Afterpulses in a photomultiplier 8-54459
- Glushchuk, N.I. *see* Galaiko, V.P. 8-56255
- Glushenkov, A.P., Berdichevskii, E.G. Rapid method of determining antiwear properties of oils in tests on friction machines 8-60915
- Glushets, A.M. *see* Bernshtein, M.L. 8-88464
- Glushko, B.A. *see* Chaltikyan, V.O. 8-78667
- Glushko, R.J. *see* Tansley, B.W. 8-69092
- Glushkov, M.V., Itskevich, E.S., Kosichkin, Yu.V., Tolmachev, A.N., Shirokov, A.M. Characteristics of galvanomagnetic properties of lightly doped tellurium under pressure in magnetic fields up to 140 kOe 8-91707
- Glushkov, V.F. *see* Shelopt, T.A. 8-55420
- Glushkovskii, M.E. Methods of eliminating overlapping pulses (review) 8-78544
- Glushnev, V.G. *see* Chizhov, A.N. 8-92862
- Gluskin, E.S., Krasnoperova, A.A., Mazalov, L.N. Fine structure of the prethreshold range in the L_{II,III} absorption spectrum of sulfur in the SF₆ molecule 8-86847
- Gluskin, E.S., Krasnoperova, A.A., Mazalov, L.N. Study of the absorption of the Cl₂ molecule in the ultrasoft X-ray region 8-90187
- Gluskin, E.S., Trakhtenberg, E.M., Vinogradov, A.S. A simple system of the short-wave synchrotron radiation prevention in the 30 Å to 180 Å wavelength range 8-62274
- Gluskin, E.S. *see* Krasnoperova, A.A. 8-62823, 8-86807
- Glyde, H.R. *see* Collins, W.M. 8-59910
- Glynn, J. *see* Holdsworth, G. 8-81197
- Glynn, P. *see* Cohen, S.M. 8-61150
- Gmeiner, R. *see* Droste, R. 8-68537
- Gmelin, E. *see* Roedhammer, P. 8-63867
- Gmelin, E. *see* Saffert, R. 8-71761
- Gmelin, E. *see* Schmidt, C. 8-81958
- Gmitro, M. *see* Eramzhyan, R.A. 8-86550
- Gnadig, P., Kunszt, Z., Hasenfratz, P., Kuti, J. Dirac's extended electron model 8-82134
- Gnanalingham, S., Kane, J.A. Shortcomings in our understanding of the lower ionosphere as revealed by an analysis of radiowave absorption measurements 8-81492
- Gnat, Y. *see* Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Gnatenko, Yu.P., Kurik, M.V., Rozhko, A.Kh. Exciton reflection spectra of nickel-activated CdS crystals 8-72557
- Gnatovskii, A.V., Loginov, A.P., Medved', N.V. Chromatic properties of optically coherent correcting systems 8-78909
- Gnatovskii, A.V., Seleznev, V.V., Shpak, M.T. A holographic method for reducing the divergence of laser radiation 8-63147
- Gnatovskii, A.V., Zubrulin, N.G., Loginov, A.P., Medved', N.V., Nikolaev, M.V., Shpak, M.T. Application of the method of static phase modulation of a field to form highly directional light beams 8-50940
- Gnatovskii, A.V. *see* Vol'yar, A.V. 8-59148
- Gnatovskii, O.V., Loginov, O.P., Medvid', N.V., Nikolaev, M.V., Shpak, M.T. Interferometric method for laser beam multiplication 8-90442
- Gnatovskii, O.V. *see* Vol'yar, A.A. 8-83081
- Gnatush, F.P. *see* Kol'chinskii, M.Z. 8-60605
- Gnatyuk, L.N. *see* Abakumov, B.M. 8-50716, 8-74862
- G'ncharova, E.I. Nuclear relaxation due to interaction with excitons in semiconductors 8-56399
- Gnedin, Yu.N., Pavlov, G.G., Shibanov, Yu.A. The effect of vacuum birefringence in a magnetic field on the polarization and beaming of radiation of X-ray pulsars 8-93476
- Gnedin, Yu.N. *see* Vojkhanskaya, N.F. 8-93322
- Gnedova, S.V. *see* Mukha, I.M. 8-60616
- Gneses, M.I. *see* Matthews, J.B. 8-79063
- Gnesin, G.G. *see* Dyban', Yu.P. 8-60633, 8-68657
- Gnidak, N.L. *see* Pavlenko, E.A. 8-78431
- Gnidash, N.I. *see* Bazakutsa, V.A. 8-51834
- Goad, C.C., Douglas, B.C. Lunar tidal acceleration obtained from satellite-derived ocean tide parameters 8-73662
- Goad, C.C. *see* Douglas, B.C. 8-77177
- Goad, D.G.W., Moskovits, M. Colloidal metal in aluminum-oxide 8-68571
- Goad, M.L. *see* Doughty, B.M. 8-82836
- Gobbett, R.H. *see* Barry, J.F. 8-54500
- Gobbi, A. *see* Eyal, Y. 8-82373
- Gobbi, A. *see* Olmi, A. 8-82375
- Gobbi, B. *see* Feller, J.M. 8-66136
- Gobbi, B. *see* Jaros, J.A. 8-50042
- Gobbi, B. *see* Roberts, T.J. 8-82392
- Gobbi, B. *see* Scharre, D.L. 8-89723
- Gobbi, B. *see* Vuillemin, V. 8-93876
- Gobeau, J., Heuret, M., Mon, J.P. Lattice dynamics of the mixed system Sr_(1-x)Cd_(x)F₂ 8-75763
- Gobeau, J., Heuret, M., Mon, J.P. Experimental and theoretical study of the second order Raman spectrum of SrCl₂ 8-80327
- Gobel, E., Shaklee, K.L., Epworth, R. Quantum effects in the magnetoluminescence of the electron-hole plasma in GaAs 8-72591
- Gobel, H. *see* Butz, T. 8-52384
- Gobert, G. *see* Riekel, C. 8-55786
- Gobillon, Y. *see* Pireaux, J.J. 8-52630
- Gobin, P.F. *see* Guenin, G. 8-76697
- Gobin, P.F. *see* Orange, G. 8-84926
- Gobin, P.F. *see* Robin, M. 8-68691
- Gobov, G.V., Konashenko, V.I. Triplet-triplet transfer of excitation energy in Shpolski effect conditions 8-76527
- Gobran, N.K., Ghali, N.S. Ultrasonic anomalies in iron at elevated temperatures 8-75830
- Gobrecht, J. *see* Gerischer, H. 8-80755
- Gochelashvili, K.S., Shishov, V.I. Strong intensity fluctuations of laser radiation in a turbulent atmosphere. The distribution function 8-71034
- Gocke, E., Kiefer, J. Synthesis of inducible enzymes in irradiated yeast: UV effects on regulation and activity per cell 8-69157
- Gockenbach, E. Influence of electrode coating on the breakdown voltage of SF₆ 8-87557
- Gockenbach, E. The dielectric strength of some Freons and their mixtures with nitrogen and sulphur hexafluoride 8-71423
- Goda, M. Short-range order and off-diagonal randomness in disordered systems 8-75782
- Goda, M. Coarse-grained quantities and short-range order in disordered systems 8-75787
- Goda, M., Osabe, S. On the collective excitations and short-range order in liquid alkaline metals 8-63665
- Godar, D.E. *see* Zewail, A.H. 8-82054
- Godart, J. *see* Baravian, G. 8-59639
- Godbold, T.M. *see* Ravipudi, S.R. 8-91003
- Godbole, R.M. Triumion events due to neutrino- and antineutrino-induced production of vector mesons and Higgs bosons 8-82198
- Goddard, D.M. Interface reactions during preparation of aluminium-matrix composites by the sodium process 8-84742

- Goddard, D.M., Childs, W.J. The lead-bismuth peritectic reaction 8-52753
- Goddard, E.D. *see* Faucher, J.A. 8-77007
- Goddard, J.D., Cizmadi, I.G. An analysis of Gaussian basis sets in terms of molecular one-electron properties 8-55122
- Goddard, J.D. *see* Daudel, R. 8-94187
- Goddard, J.W.F. *see* Hall, M.P.M. 8-53682
- Goddard, M.C., Key, A.W., Gordon, H.A., Lai, K.W. The AK and EK systems observed in π^+ interactions at 10.3 GeV/c 8-74284
- Goddard, M.C. *see* Zemany, P.D. 8-66117
- Goddard, P., Olive, D.I. Magnetic monopoles in gauge field theories 8-89625
- Goddard, P. *see* Corrigan, E.F. 8-82099
- Goddard, T., Walton, P. A technique for the handling and dispensing of Xe-127 8-85378
- Goddard, W.A., III, Barton, J.J., Redondo, A., McGill, T.C. Theoretical studies of Si and GaAs surfaces and initial steps in the oxidation 8-91534
- Goddard, W.A., III. *see* Harding, L.B. 8-50479
- Goddard, W.A., III. *see* Walch, S.P. 8-56027, 8-62728, 8-79889
- Goddet, J., LaCroix, A., Vial, B., Sauvage, M. Rapsodie and Phenix plants intermediate heat exchangers experience 8-82502
- Godecke, T., Koster, W. On the constitution of the system Fe-Ga between 10 and 50 at.% Ga and its dependence on heat treatment. III. A supercooling diagram and diagrams for the processes occurring during annealing of furnace cooled or quenched alloys 8-92240
- Godecke, T. *see* Koster, W. 8-84802
- Godefroid, M. An adaptation of ACRZ to calculate electric quadrupole oscillator strengths 8-90119
- Godet, M., Walker, E. Magnetoelastic effects on the elastic constants of HoAl_2 8-72385
- Godfrey, B.B. The localized pinch model as a high energy ion collective acceleration mechanism 8-87460
- Godfrey, B.B. *see* Fahl, R.J. 8-50422
- Godfrey, R.F. *see* Ritchie, S. 8-66825
- Godge, R.S. *see* Itagi, V.V. 8-55203
- Godik, E.E., Grigor'yants, V.V., Dementienko, V.V., Ivanov, G.A., Kuznetsov, A.I., Sinis, V.P. Investigation of the possibility of using phosphosilicate fiber waveguides in near infrared 8-50935
- Godlevskii, A.P., Lopasov, V.P., Luk'yanenko, S.F. Acquisition of quantitative absorption line parameters by intracavity spectroscopy 8-49911
- Godlewski, M., Rachwalska, M. An adiabatic calorimetric study of the phase situation in 2,2-dinitropropane 8-71854
- Godlewski, J. *see* Kalinowski, J. 8-84290
- Godlewski, M., Hennel, A.M. EPR measurements on GaAs:Co 8-76301
- Godsmith, M. *see* Damadian, R. 8-85354
- Godnev, I.N. *see* Godneva, M.I. 8-55252
- Godnev, I.N. *see* Gribov, L.A. 8-82715
- Godneva, M.I., Vinogradova, V.N., Godnev, I.N. On limiting the arbitrariness in the construction of symmetry coordinates 8-55252
- Godneva, M.I. *see* Gribov, L.A. 8-82715
- Godone, A., Weiss, C.O., Kramer, G. FM-noise measurements on an optically pumped FIR laser 8-55392
- Godone, A. *see* Weiss, C.O. 8-90415
- Godovikov, S.K. *see* Bogdanov, T.V. 8-91998
- Godovski, Yu.K. *see* Tarasov, S.G. 8-88512
- Godoy, S.V., Braun, E. Long time limit of correlation functions between massless modes interacting with a quantum oscillator 8-65814
- Godreche, C. *see* Bervillier, C. 8-70268
- Godwal, B.K., Sikka, S.K. Opacities of high temperature high Z plasmas 8-79414
- Godwin, H.J. A note on congruent numbers 8-54147
- Godwin, L.M. *see* White, H.W. 8-92440
- Godwin, R.O., Bliss, E.S., Glaze, J.A., O'Neal, W.C., Patton, H.G., Summers, M.A., Wallerstein, E.P. Optical engineering problems associated with construction of the Shiva laser fusion facility 8-82989
- Godwin, R.O. *see* Glaze, J.A. 8-50812, 8-50820
- Godwin, R.P. *see* Mitchell, K.B. 8-75269
- Godyak, V.A., Maksimov, V.N. The spatial distribution of an enclosed plasma 8-51283
- Godyak, V.A., Oks, S.N. Probe diagnosis of RF plasma 8-75423
- Godyak, V.A., Popov, O.A., Hanna, A.H. Investigation of space charge sheath at electrode in RF discharge 8-67547
- Godzikovskii, V.A. Determination of output errors in tensor-resistive force transducers and review of metrologic characteristics of devices containing them 8-89474
- Godziszewski, J. *see* Brzozka, G. 8-93642
- Goebel, D.M., Crow, J.T., Forrester, A.T. Lanthanum hexaboride hollow cathode for dense plasma production 8-55729
- Goebel, D.M. *see* Forrester, A.T. 8-74521
- Goebel, E.O., Hildebrand, O. Thermalization of the electron-hole plasma in GaAs. The case of resonant excitation 8-80408
- Goebel, E.O. *see* Hildebrand, O. 8-84244
- Goebel, J.H., Bregman, J.D., Strecker, D.W., Witteborn, F.C., Erickson, E.F. C_2 and infrared spectrophotometry of Y Canum Venaticorum 8-65619
- Goebel, J.H. *see* Bregman, J.D. 8-93231
- Goedbloed, J.P. *see* D'Ippolito, D.A. 8-91141
- Goede, A.P.H. *see* Leung, K.N. 8-55739
- Goede, A.P.H. *see* Massmann, P. 8-91122
- Goede, J.de *see* de Goede, J.
- Goedert, J. *see* Wu, C.S. 8-83542
- Goedicke, C. *see* Becker, K. 8-58503
- Goedsche, F. *see* Richter, A. 8-76219
- Goedsche, F. *see* Richter, R. 8-79919, 8-87969
- Goehner, R.P. Background subtract subroutine for spectral data 8-93762
- Goeke, K., Reinhard, P.-G. Adiabatic time-dependent Hartree-Fock theory 8-54710
- Goeke, K., Reinhard, P.-G. A consistent microscopic theory of collective motion in the framework of an ATDHF approach 8-70472
- Goeke, K. *see* Reinhard, P.-G. 8-66234, 8-78291, 8-86498
- Goelke, W. *see* Walter, G. 8-67623
- Goel, C.M., Dayal, B. Temperature dependence of second order Raman spectra of rubidium iodide crystal 8-68512
- Goel, J.-J. *see* Deleze, M. 8-57759
- Goel, R.K., Sharma, S., Pandey, A.N. Model force fields and vibrational amplitudes of hexachloro plumbate (II) and bismuth (III) 8-62780
- Goel, R.K., Sharma, S.D., Pandey, A.N. Molecular constants of monomeric trichlorides of III-B group elements 8-50663
- Goel, R.K. *see* Sanyal, N.K. 8-61143
- Goel, S.P. *see* Brasse, F.W. 8-78194
- Goeler, E.von *see* von Goeler, E.
- Goeler, S.von *see* von Goeler, S.
- Goell, J.E. *see* Eppes, T.A. 8-59157
- Goer, A.M.de *see* de Goer, A.M.
- Goer, D.B., Matsko, M.G. Analysis of dependence of energy band structure parameters on composition of $\text{Zn}_{1-x}\text{Cd}_x\text{Te}$ crystals 8-56500
- Goer, D.B. *see* Brodin, M.S. 8-72598
- Goerke, K. *see* Frank, W. 8-57722
- Goerlach, U., Habs, D., Just, M., Metag, V., Paul, P., Specht, H.J., Maier, H.J. Resonances in the isomeric and prompt fission probabilities of ^{240}Pu 8-78429
- Goerss, J.S. An improved method for determining measurement system noise spectra 8-57354
- Goertz, C.K. Energization of charged particles in Jupiter's outer magnetosphere 8-89111
- Goertz, C.K. *see* Sentman, D.D. 8-89108, 8-89112
- Goertz, C.K. *see* Smith, R.A. 8-89110
- Goethem, G.van *see* Van Goethem, G.
- Goethem, L.van *see* Van Goethem, L.
- Goetz, R. *see* Benndorf, C. 8-87875
- Goetz, W.E. *see* Bloem, H.H. 8-85814
- Goetze, C. The mechanisms of creep in olivine 8-69332
- Goetze, C. *see* Briegel, U. 8-88822
- Goff, D.A., Yeung, E.S. Atomic fluorescence spectrometry with a wavelength-modulated continuous wave dye laser 8-61083
- Goff, D.Le *see* Le Goff, D.
- Goff, G. *see* Le Goff, D.
- Goff, P.Le *see* Le Goff, P.
- Goff, R.J. *see* Schomer, P.D. 8-63224
- Goff, W.R. *see* Wicke, J.D. 8-69245
- Goffe, T.V. *see* McCullough, R.W. 8-74760
- Goffman, V.G., Ivchenkova, M.D., Mishchenko, A.V., Shaierdinov, B.U. A high-temperature phase transition in a cesium dihydrogen arsenate crystal 8-71856
- Goganov, D.A., Guslina, A.G., Korolev, V.F., Lozinskii, B.S., Sklyankin, V.A. Use of leading-edge discriminators to reduce background of commercial proportional X-ray counters 8-78561
- Goganov, D.A. *see* Ul'yanitskaya, A.D. 8-86746
- Gogel, W.C. The adjacency principle in visual perception 8-92634
- Goggi, G., Cavalli Sforza, M., Conta, C., Fraternali, M., Livan, M., Mantovani, G.C., Pastore, F., Rossini, B., Alberi, G. Observation of a narrow minimum and of inelastic shadow effects in deuterium deuteron elastic scattering at $\sqrt{s}=53$ GeV 8-89740
- Goggi, G., Cavalli-Sforza, M., Conta, C., Fraternali, M., Livan, M., Mantovani, G.C., Pastore, F., Rossini, B., Alberi, G. Evidence for inelastic propagators in proton-deuteron elastic scattering at $\sqrt{s}=63$ GeV 8-89739
- Goggi, G., Nardo, R., Rossini, B. A dual integrated gate generator 8-55112
- Goggi, G. *see* Aschman, D.G. 8-78201
- Gogh, R.G.von *see* von Gogh, R.G.
- Goglia, G.L. *see* Patel, D.K. 8-63436
- Gogolin, A.A., Melnikov, V.I. Frequency dependences of conductivity and dielectric permeability of one-dimensional disordered conductor 8-79984
- Gogosov, V.V., Naletova, V.A., Shaposhnikova, G.A. On a model of a multiphase medium 8-83460
- Gogotsi, G.A., Kushnirenko, A.M., Kryukova, O.N. Refractory ceramic under thermal shock loading 8-84997
- Gogua, L.D. *see* Vintaikin, E.Z. 8-84797
- Goguen, J. *see* Elliot, J.L. 8-85897
- Goguen, J. *see* Veverka, J. 8-53865, 8-58912
- Goguen, J.D. *see* French, R.G. 8-53853
- Gogulya, M.F. *see* Voskoboinikov, I.M. 8-63807
- Gohar, Y. Tokamak divertor impact on the toroidal field magnet and vacuum system 8-54909
- Goikhenberg, Yu.N., Shteinberg, M.M. Transformation of the deformation martensite to austenite in stainless steels at various heating rates 8-76649
- Goikhenberg, Yu.N. *see* Shteinberg, M.M. 8-52839
- Goikhman, A.Sh. *see* Matsibora, N.P. 8-74115
- Goikhman, M.S. *see* Shatinskii, V.F. 8-56816
- Goisa, S.N. *see* Koval', I.F. 8-60042
- Goitein, M. A technique for calculating the influence of thin inhomogeneities on charged particle beams 8-69219
- Goitein, M., Chen, G.T.Y., Ting, J.Y., Schneider, R.J., Sisterson, J.M. Measurements and calculations of the influence of thin inhomogeneities on charged particle beams 8-69220
- Goitein, M. *see* Carroll, J. 8-89874
- Goitein, M. *see* Suit, H.D. 8-65090
- Gokalp, I., Lasek, A. On the power spectra in a turbulent flow of elevated temperature 8-59373
- Gokay, M.C. *see* Cross, L.A. 8-82954
- Gokay, M.Cem *see* Cem Gokay, M.
- Gokhale, B.G., Misra, U.D. Sommerfeld screening parameters for $S_{1/2}$ terms in X-ray spectra 8-66495
- Gokhshtein, A.Ya. Electrophoretic force along equipotential electrode 8-61024
- Gokliel, R. *see* Moriyasu, K. 8-66165
- Golaido, S.I., Martinson, L.K., Pavlov, K.B. Propagation of thermal disturbances in media with volumetric heat absorption 8-59259
- Golan, S. *see* Kaplan, B.Z. 8-70119
- Goland, A. *see* Ghosh, A.K. 8-52122
- Golant, K.M., Tsurkan, V.V., Veselago, V.G. Effect of a longitudinal magnetic field on conductivity in magnetic p-type spinel semiconductors 8-84238
- Golay, M.W. *see* Bennett, R.G. 8-89943
- Gold, B. *see* Horvay, G. 8-90684
- Gold, B.A., Renshaw, W.E. Joint volume reverberation and biological measurements in the tropical Western Atlantic 8-81194
- Gold, D. Survey of the technology of thermal plasmas [arc furnace for smelting iron] 8-75402
- Gold, D. *see* Treptow, R. 8-59625
- Gold, D.G., Hahn, E.L. Macroscopic resonance dynamics of three-level systems 8-76348
- Gold, E. *see* Tovey, S.N. 8-66147
- Gold, J.H., Schuder, J.C., Stoeckel, H., Granberg, T.A., Hamdani, S.Z., Rychlewski, J.M. Comparison of transthoracic square-wave defibrillation experience in the dog and calf 8-57050
- Gold, T. *see* Dermott, S.F. 8-57502
- Goldanskii, V.I., Petersen, K., Shantarovich, V.P., Shishkin, A.V. Another method of deconvoluting positron annihilation spectra obtained by the solid-state detector 8-72631
- Goldanskii, V.I. *see* Byakov, V.M. 8-61039
- Goldanskii, V.I. *see* Namiot, V.A. 8-55313
- Goldanskii, V.P., Namiot, V.A. New possible methods for studying biological specimens 8-53584
- Goldbach, C., Nollez, G., Popovic, M.M., Popovic, S.S. Electrical conductivity of high pressure argon plasmas 8-71448
- Goldberg, A., Shore, B.W. Effects of pulse modulation on multiplex laser excitation 8-63046
- Goldberg, A., Shore, B.W. Modeling laser ionisation 8-90133
- Goldberg, B.A. *see* Matson, D.L. 8-61792
- Goldberg, B.B., Director, M.D. Ultrasonic aspiration-biopsy transducers 8-61233
- Goldberg, H.A. Long wavelength density modes in thin anisotropic meta-hydrogen systems 8-79745
- Goldberg, I., Spahr, G.L., Giovengo, J.F., Waldman, L.A. Fission gas release from ThO_2 and $\text{ThO}_2\text{-UO}_2$ fuels 8-86651
- Goldberg, I.B. *see* Crowe, H.R. 8-88682
- Gol'dberg, I.M. *see* Akhmedov, R.B. 8-87418

- Goldberg, I.S.**, Lam, K.Y., Bernstein, B., Hut-
chens, J.O. Solutions to the Fokker-Planck
equations governing simultaneous diffusion
and gravitational settling of aerosol particles
from a stationary gas in a horizontal circular
tube 8-90976
- Goldberg, L.J.** see Nakamura, Y. 8-53389
- Goldberg, M.**, Goodenough, D.G. Analysis of a
spatial filter for LANDSAT imagery 8-69490
- Goldberg, M.** see Cobb, J.H. 8-62469,
8-89749
- Goldberg, M.** see Jacobs, S.M. 8-58197
- Goldberg, M.A.** see Fromme, J. 8-62086
- Goldberg, O.** see Fryer, F.E. 8-58027
- Goldberg, R.A.**, Hallam, K.L., Emming, J.G.
Imaging of X-ray aurorae from Spacelab
8-61608
- Goldberg, R.N.**, Nuttall, R.L. Evaluated activity
and osmotic coefficients for aqueous solutions:
the alkaline earth metal halides 8-53242
- Goldberg, V.Z.** see Artemov, K.P. 8-86486
- Goldberg, Yu.A.**, Konstantinov, O.V.,
Lapkin, V.M., L'vova, T.V., Romanov, Yu.F.,
Tsarenkov, B.V. Semiconducting dosimeter for
ultraviolet radiation 8-74059
- Goldberg, Yu.A.**, Tsarenkov, B.V. Contem-
porary state of developments and investigations
of surface barrier A^{III}B^V metal-semiconductor
structures produced by chemical precipitation
of metals 8-84298
- Goldburg, W.I.** see Mahn Won Kim 8-83960
- Golde, R.H. (editor)** Lightning 8-53713
- Golden, D.M.** see Baldwin, A.C. 8-53195,
8-73032
- Golden, J.**, Eden, J.G., Mahaffey, R.A.,
Pasour, J.A., Ali, A.W., Kapetanakis, C.A.
Intense proton-beam-pumped Ar-N₂ laser
8-78998
- Golden, J.**, Mahaffey, R.A., Pasour, J.A.,
Young, F.C., Kapetanakis, C.A. Intense pro-
ton beam current measurement via prompt γ
rays from nuclear reactions 8-93784
- Golden, J.**, Mayne, J.E.O. Inhibition of the
corrosion of mild steel by zinc potassium
chromate 8-95839
- Golden, J.** see Marsh, S.J. 8-67405
- Golden, J.M.** The effect of surface curvature on
the friction coefficient 8-87310
- Golden, L.B.** Exact Slater integrals 8-90074
- Golden, L.B.**, Sampson, D.H., Omidvar, K.
Ionisation from the 3s sub-level of highly
charged ions 8-90297
- Golden, R.L.** see Badhwar, G.D. 8-73594
- Golden, S.**, Tuttle, T.R., Jr. On the nature of
solvated electrons in polar fluids 8-85284
- Golden, W.G.**, Dunn, D.S., Overend, J. The
infrared spectrum of adsorbed carbon monox-
ide on a platinum surface in the presence of
high pressure gas-phase carbon monoxide
8-74654
- Golden, W.G.**, Marcott, C., Overend, J. Intensi-
ties of binary overtones and combinations in
the infrared spectrum of CF₄ 8-55172
- Golden, W.G.** see Marcott, C. 8-58648,
8-86866
- Goldenaum, G.C.** see Hammer, D.A. 8-51334
- Goldenaum, G.C.** see Sethian, J.D. 8-71524
- Goldfarb, T.** see Lee, T.D. 8-60725
- Goldfarb, A.S.**, Gentry, J.W. The use of a
modified beta density function to characterize
particle size distributions 8-69432
- Goldfarb, A.S.**, Gentry, J.W. The characteriza-
tion of the particle size distribution from
oil-fired burners with a Beta distribution
8-81384
- Goldfarb, I.S.**, Zagorel'skii, V.I., Tsiulya, A.B.,
Chertov, V.G. Instrument for measuring the
attenuation in optical fibers and fiber light-
guides 8-59138
- Goldfarb, L.J.B.** Inferences concerning the real
part of the heavy-ion optical potential
through folding techniques 8-70499
- Goldfarb, R.B.** see Satoh, T. 8-72365
- Goldfarb, S.** Diagnostic interface problems of
FTIR 8-62626
- Gol'dfel'd, M.G.**, Dmitrovskii, L.G., Blyumen-
fel'd, L.A. Photophosphorylation in chloro-
plasts in a pulsed regime of illumination
8-64958
- Gol'dfel'd, M.G.** see Khangulov, S.V. 8-64954
- Goldflam, R.**, Green, S., Kouri, D.J., Mon-
chick, L. Effect of molecular anisotropy on
beam scattering measurements 8-78802
- Goldflam, R.**, Tobocman, W. Exchange sym-
metry and preservation of kernel connectivity
in the Baer-Kouri-Levin-Tobocman coupled-
equations nuclear reaction formalism
8-78329
- Goldhaber, A.S.** Volume versus surface sampling
of Maxwellian distributions in nuclear reac-
tions 8-78355
- Goldhaber, A.S.**, Scharff-Goldhaber, G. Electric
and dynamic quadrupole moments of even-
even nuclei 8-66203
- Goldhaber, A.S.** see Amsden, A.A. 8-78298
- Goldhaber, G.** see Heile, F.B. 8-74238
- Goldhaber, G.** see Himel, T. 8-78157
- Goldhaber, G.** see Jaros, J.A. 8-50042
- Goldhaber, G.** see Peruzzi, I. 8-74252
- Goldhaber, G.** see Tanenbaum, W. 8-66113
- Goldhar, J.** see Murray, J.R. 8-59086,
8-66863, 8-90450
- Goldheiber, A.S.** Large baryon densities attain-
able in high energy nuclear collisions
8-86540
- Gol'din, K.R.**, Lebedev, V.I., Sokolova, T.P.,
Tomilin, M.G. Means and methods of display-
ing the picture-taking parameters in amateur
cameras and the prospects for their develop-
ment 8-89578
- Golding, B.**, Graebner, J.E., Haemmerle, W.H.
Phonon propagation in a metallic glass below
1K 8-71824
- Golding, B.** see Graebner, J.E. 8-79710
- Golding, R.M.**, Stubbs, L.C. Higher order
hyperfine terms in the spin Hamiltonian
8-79967
- Golding, R.M.** see Newmarch, J.D. 8-62013
- Golding, T.J.** see Cresswell, G.R. 8-92836
- Goldman, A.**, Fernald, F.G., Williams, W.J.,
Murray, D.G. Vertical distribution of NO₂ in
the stratosphere as determined from balloon
measurements of solar spectra in the 4500 Å
region 8-61493
- Goldman, A.**, Selim, E.O., Waters, R.T. Current
distribution in the negative corona discharge
in air 8-87539
- Goldman, A.**, Visscher, W. Applications of inte-
gral equations in particle-size statistics
8-62050
- Goldman, A.** see Murcay, D.G. 8-81287
- Goldman, A.** see Saint-Arnaud, R. 8-67592
- Goldman, A.M.** see Callaghan, T. 8-64467
- Goldman, A.M.** see McNeal, N.A. 8-84317
- Goldman, A.M.** see Schwanebeck, J.C. 8-52669
- Gol'dman, A.Ya.**, Grimm, A.M. Effect of tem-
perature-time factors on the yield point of
crystalline polymers in the flat stressed state
(high-density polyethylene) 8-64601
- Gol'dman, A.Ya.**, Matveev, V.V., Shalaeva, L.F.
Fracture buildup on the molecular level in
polyethylene under conditions of prolonged
loading 8-68779
- Gol'dman, A.Ya.** see Ol'khovik, O.E. 8-68750
- Goldman, I.** Plane waves in the bimetric grav-
itation theory 8-93583
- Goldman, J.H.** see Etkin, A. 8-89743
- Goldman, L.M.** The impact of laser fusion
breeder on nuclear economy 8-50336
- Goldman, M.**, Raabe, O.G. An estimate of early
mortality and morbidity following acute
inhalation of plutonium 8-96079
- Goldman, M.** see Abragam, A. 8-64297,
8-88226
- Goldman, M.** see Amouroux, J. 8-92438
- Goldman, M.** see Berger, G. 8-71601
- Goldman, M.** see Hirsh, M.N. 8-67586
- Goldman, M.L.** see Barlow, R.E. 8-88740
- Goldman, M.V.**, Nicholson, D.R. Virial theory
of direct Langmuir collapse 8-79430
- Goldman, M.V.** see Nicholson, D.R. 8-93173
- Goldman, S.P.** see Glass, E.N. 8-49731
- Goldman, S.R.**, Kalikstein, K., Kramer, B.
Dember-effect theory 8-72189
- Goldman, T.** Phenomenological constraints on
broken supersymmetry 8-89631
- Goldman, Y.**, Lipshitz, A., Manheimer-
Timnat, Y. Droplet vaporisation in a confined
burning jet 8-94855
- Goldoni, R.** Dynamical space and gravitation
within a purely geometrical framework
8-93587
- Goldovskii, V.L.**, Shimon, L.L., Solomon, A.M.
Electron-impact excitation of ytterbium atoms
in the vacuum UV region 8-82845
- Goldreich, P.** On the radiative acceleration of
quasar absorption line clouds 8-57683
- Goldreich, P.**, Tremaine, S. The velocity disper-
sion in Saturn's rings 8-61795
- Goldreich, P.**, Tremaine, S. The formation of
the Cassini division in Saturn's rings 8-61796
- Goldreich, P.**, Tremaine, S. The excitation and
evolution of density waves 8-65684
- Golding, G.** Excitation regimes in higher shells
[atomic hyperfine structure] 8-70955
- Golding, G.**, Hagemeyer, K., Benczer-
Koller, N., Levy, R., Lipshitz, Y., Richter, B.,
Shkedi, Z., Wolfson, Y., Speidel, K.H. Hyper-
fine field and correlation time measurements
of Sm ions recoiling into gas and vacuum by
the longitudinal decoupling method 8-66240
- Golding, G.** see Gaillard, M.J. 8-74752
- Golding, R.**, Coremberg, J., Franco, H. Con-
siderations on the acoustic study of the atmo-
sphere. Acoustic radar 8-88944
- Goldsack, D.E.**, Franchetto, R.C. The viscosity
of concentrated electrolyte solutions. II. Tem-
perature dependence 8-80749
- Goldsberry, T.G.** see Reeves, C.R. 8-66971
- Goldscheider, M.** see Vardoulakis, I. 8-73362
- Goldschmidt, C.R.**, Ticho, U. Theoretical
approach to laser trabeculotomy 8-53470
- Goldschmidt, S.**, Buch, A., Yaron, S. Relation-
ship between density and sound velocity in
sintered materials 8-53173
- Goldschmidt, V.W.** Turbulent transport: some
general comments 8-94650
- Goldschmidt-Clermont, Y.** see Baland, J.F.
8-93911
- Gol'dshtein, R.V.** see Vainshel'baum, V.M.
8-63377
- Gol'dshtein, V.A.**, Kuplennikov, E.L.,
Lubyanyi, V.V., Pegushin, E.V., Startsev, V.I.,
Shostak, V.B., Afanas'ev, N.G. Recoil
momentum distribution in ⁴He(e,e'p)³H reac-
tion for 1186-MeV electrons 8-54748
- Gol'dshtein, V.A.** see Kuplennikov, E.L.
8-86528
- Gol'dshtein, V.Ya.**, Pashchenko, S.V.,
Petrova, T.A. Influence of the initial state of
the alloy Fe-3% Si on the specific features of
the processes of structure and texture forma-
tion during alternating cycles 'deformation-
recrystallisation' 8-88474
- Goldsamid, H.J.**, Hanscomb, J.R. Thermoelectric
power of polyethylene terephthalate (Mylar)
8-80010
- Goldsmitth, C.C.** see Frieser, R.G. 8-79532
- Goldsmitth, C.C.** see Walker, G.A. 8-86262
- Goldsmitth, J.E.M.** see Weber, E.W. 8-94223
- Goldsmitth, P.F.**, Langer, W.D. Molecular cool-
ing and thermal balance of dense interstellar
clouds 8-65666
- Goldsmitth, T.H.** The spectral absorption of
crayfish rhabdoms: pigment, photoproduct and
pH sensitivity 8-65008
- Goldsmitth, T.H.** The effects of screening pig-
ments on the spectral sensitivity of some crus-
tacea with scotopic (superposition) eyes
8-65009
- Goldsmitth, W.**, Sackman, J.L., Ouligian, G.,
Kabo, M. Response of a realistic human
head-neck model to impact 8-80909
- Goldstein, B.**, Carr, W., Rosen, B., Seidl, M.
Numerical simulation of the weak beam-
plasma interaction 8-91120
- Goldstein, B.**, Szostak, D.J. Characterization of
clean and oxidized (100)LaB₆ 8-71989
- Goldstein, B.**, Szostak, D.J. Work function and
Auger measurements of the initial oxidation
of hydrogenated amorphous Si and of sin-
gle-crystal Si 8-76132
- Goldstein, F.S.**, Peierls, R. A model for low-
temperature anharmonicity 8-55927
- Goldstein, G.R.**, Moravcsik, M.J. A no-go
theorem for polarization structure 8-62120
- Goldstein, H.**, Schindler, K. On the role of the
ionosphere in substorms: generation of
field-aligned currents 8-88998
- Goldstein, H.** see Birn, J. 8-61840
- Goldstein, J.C.** see Elliott, C.J. 8-59072
- Goldstein, J.J.** see Randich, E. 8-57511
- Goldstein, J.L.**, Buchsbaum, G., Furst, M. Com-
patibility between psychophysical and physi-
ological measurements of aural combination
tones 8-57014
- Goldstein, J.L.**, Gerson, A., Srulovicz, P.,
Furst, M. Verification of the optimal probabi-
listic basis of aural processing in pitch of
complex tones 8-57015
- Goldstein, J.L.** see Gerson, A. 8-57016
- Goldstein, L.**, Gibart, P., Selmi, A. Transport
properties of the ferromagnetic semiconductor
HgCr₂Se₄ 8-68039
- Goldstein, M.E.** see Dowling, A.P. 8-79313
- Goldstein, M.K.** see Selvadurai, G. 8-89965
- Goldstein, P.** Coarse-grained Hamiltonian
description of the Breit-Darwin plasma close
to equilibrium 8-63541
- Goldstein, R.** see Doffus, A. 8-53848
- Goldstein, R.** see McFarland, W.H. 8-65049
- Goldstein, R.V.**, Entov, V.M. Variational bounds
and qualitative methods in fracture mechanics
8-79283
- Goldstein, R.V.**, Entov, V.M., Zazovski, A.F.
Application of direct variational method to
the solution of mixed boundary value prob-
lems 8-83331
- Goldstein, R.V.**, Vainshelbaum, V.M. Material
scale length as a measure of fracture tough-
ness in fracture mechanics of plastic materials
8-68763
- Goldstein, R.V.** see Entov, V.M. 8-67134
- Goldstein, S.** see Aizenman, M. 8-93596
- Goldstein, S.** see Brooke Koffend, J. 8-93765
- Goldstein, S.A.**, Cooperstein, G., Lee, R.,
Mosher, D., Stephanakis, S.J. Focusing of
intense ion beams from pinched-beam diodes
8-58898
- Goldstein, S.A.**, Mosher, D., Ottinger, P.F.,
Hsing, W.W. Neutralized transport and focus-
ing of ion beams 8-50323
- Goldstein, S.A.** see Cooperstein, G. 8-50322
- Goldstein, S.A.** see Mendel, C.W., Jr. 8-50318
- Goldstein, W.** see Maier, R. 8-90008
- Goldston, R.J.**, Jassby, D.L., Townner, H.H.,
Fowler, R.H., Lyon, J.F., Rome, J.A.,
Brown, T. Magnetics design for ripple-assisted
beam injection into the ISX-B and TFTR
Tokamaks 8-62643
- Goldston, R.J.** see Bauer, W. 8-86690
- Goldston, R.J.** see Jassby, D.L. 8-63577
- Goldston, R.J.** see Kritiz, A.H. 8-59627
- Goldstone, P.** see Ogle, W. 8-55117
- Goldstone, P.D.** see Benjamin, R.F. 8-59073
- Goldstone, P.D.** see Plasil, F. 8-54797

- Goldwasser, D.J.**, Otocka, E.P., Kear, B.H. The mechanical behavior of polysulfone matrix composites reinforced with amorphous metal ribbons 8-72823
- Gol'dyanskii, V.I.** Formaldehyde polymer formation mechanism in interstellar space 8-54032
- Goldzahl, L.** see Berger, J. 8-70525
- Goldzahl, L.** see Bizard, G. 8-54643
- Goldzahl, L.** see Plouin, F. 8-74364
- Gole, J.L.** Development of visible chemical lasers from reactions yielding visible chemiluminescence 8-63111
- Gole, J.L.** see Preuss, D.R. 8-66818
- Golebiewski, A.**, Mrozek, J. Limited GSMO CI and ESMO CI study of electronic transitions in FNO 8-70750
- Golechek, L.I.** see Tishchenko, Z.V. 8-83218
- Golenetskii, S.P.**, Stepanok, V.V., Kolesnikov, E.M., Murashov, D.A. The question about the chemical composition and nature of the Tunguska cosmic body 8-61810
- Golenishchev-Kutuzov, V.A.**, Sadykov, I.I., Khaimovich, E.P. Role of incoherent phonons in the resonant interaction of ultrasound with a nuclear spin-system 8-80230
- Golenko, K.A.**, Golovin, A.A., Postolovskii, V.A. Complex plane motions of a point 8-86129
- Golestaneh, A.A.** Efficiency of the solid-state engine made with Nitinol memory material 8-59288
- Golian, C.**, Hales, R.S., Hawke, J.G., Gebicki, J.M. An automatic surface balance for measurements in a radiation field 8-82092
- Golik, A.Z.**, Zabashta, Yu.F. Sound waves in highly oriented polymers 8-51618
- Golik, L.L.**, Elinson, M.I., Kun'kova, Z.E., Novikov, L.N., Grigorovich, S.M., Ukrainskii, Yu.M. The physical properties of films of the ferromagnetic semiconductor CdCr_2S_4 8-76175
- Golik, L.L.**, Novikov, L.N., Aminov, T.G., Zhegalina, E.A. Influence of Se vacancies in temperature dependences of the resistance and magnetoresistance of CdCr_2Se_4 8-60130
- Golikhov, V.M.**, Kogan, L.I., Novikov, B.A., Entin, R.I. Relationship between the kinetics of the gamma \rightarrow alpha transformation and self-diffusion characteristics 8-67850
- Golikhov, Yu.V.** see Plyasova-Bakounina, T.A. 8-65476
- Golin, M.** see Wojciechowski, H. 8-78411
- Golinski, J.** see Sierota, A. 8-87558
- Golitsyn, G.S.**, Mokhov, I.I. On the stability and extremal properties of climatic models 8-53716
- Golitsyn, G.S.**, Mokhov, I.I. Estimates of sensitivity and of cloudiness role in simple climatic models 8-88902
- Golitsyn, G.S.** see Mokhov, I.I. 8-69437
- Golizdra, G.Ya.** Calculation of gravitation field of two-dimensional masses by means of an analytical continuation 8-69277
- Golizdra, G.Ya.** On isostasy of plain regions 8-85525
- Goll, J.** see Hake Haken, H. 8-91621
- Gollandskii, O.P.** see Prokof'eva, V.V. 8-57697
- Gollnest, H.-J.** see Braune, W. 8-87908
- Gollon, P.J.** see Corcoran, M.D. 8-70417
- Gollub, J.P.**, Benson, S.V. Chaotic response to periodic perturbation of a convecting fluid 8-94685
- Gollub, J.P.** see Swinney, H.L. 8-83362
- Golner, G.R.**, Newman, K.E., Riedel, E.K. Solution of the exact Wilson renormalization-group equation by the scaling-field method 8-68252
- Gol'nev, V.Ya.** see Soboleva, N.S. 8-65698
- Golo, V.L.**, Monastyrsky, M.I. A domain structure in $^3\text{He-B}$ 8-63896
- Goloborod'ko, N.P.**, Rozhnov, M.S., Roman'ko, K.S. Calculation of thermophysical properties of gases for certifying gas mixtures with respect to composition 8-80818
- Golod, S.D.** see Soitu, V.A. 8-94423
- Golomb, V.E.** see Shmanenko, Yu.S. 8-53610
- Golopentia, D.A.**, Huntington, H.B. A study of electromigration of nickel in lead 8-87820
- Golosov, N.S.**, Tolstik, A.M. The AB-AC quasi-binary section of the order-disorder phase diagram 8-88463
- Golosov, N.S.** see Kolubaev, A.V. 8-72330
- Golosov, N.S.** see Usharov, A.V. 8-52760
- Golosov, O.A.** see Golovachev, M.G. 8-88580
- Golovachev, M.G.**, Perekhov, V.I., Kalachikov, V.E., Golosov, O.A. Effect of pre-irradiation on oxidation of alloy $\text{Zr}+2.5\% \text{ Nb}$ 8-88580
- Golovan, A.A.**, Salmin, A.V. A vibratory laser gyroscope 8-59070
- Golovanivskii, K.S.** see Balmashnov, A.A. 8-71500
- Golovanov, V.P.** see Mazur, A.I. 8-83449
- Golovanova, N.F.**, Zhusupov, M.A., Ibraeva, E.T., Novozhilova, V.N. Dynamics of production of cluster fragments in inelastic knock-out $^6\text{Li}(\text{p},\text{pt})^4\text{He}$ taking into account distorting factors 8-58285
- Golovashkin, A.I.**, Levchenko, I.S., Lobanov, N.N., Motulevich, G.P. Properties of ternary superconducting alloy $\text{Nb}_3(\text{AlSi})$ films 8-88055
- Golovastikov, N.I.**, Belov, N.V. The crystal structure of sodium cesium fluoraluminate $\text{Cs}_2\text{NaAlF}_6$ 8-95036
- Golovastikov, N.I.**, Kazak, V.F. The crystal structure of calcium chlorosilicate $\text{Ca}_2\text{SiO}_3 \cdot \text{Cl}_2$ 8-67694
- Golovato, S.N.**, Shohet, J.L. Plasma heating by Alfvén wave excitation in the Proto-Cleo stellarator 8-83587
- Golovchak, N.V.** see Shimon, L.L. 8-82847
- Golovchenko, J.A.** see Auston, D.H. 8-92086
- Golovchenko, J.A.** see Esbensen, H. 8-55899
- Golovchenko, J.A.** see Venkatesan, T.N.C. 8-91354
- Golovin, A.A.** see Golenko, K.A. 8-86129
- Golovin, A.M.**, Chizhov, V.E. Speed of sedimentation of a uniform suspension 8-67254
- Golovin, A.M.**, Chizhov, V.E. On the motion of suspension of spherical drops 8-67259
- Golovin, A.M.**, Chizhov, V.E. The effective thermal conductivity of a suspension 8-76935
- Golovin, B.M.**, Golubeva, M.B., Permyakova, L.A. On relativistic spin rotation in some reaction types 8-54586
- Golovin, S.A.** Interaction of impurities with dislocations in iron alloys and the Snoek-Koester relaxation 8-59834
- Golovin, Yu.I.** see Finkel', V.M. 8-83339
- Goloviznin, V.M.**, Samarskii, A.A., Favorskii, A.P. A variational approach to constructing finite-difference mathematical models in hydrodynamics 8-51147
- Golovkin, A.M.**, Matveev, A.S. Method of classifying flaws according to size during the automatic ultrasonic inspection of thin-walled large-diameter pipes 8-60949
- Golovkin, S.V.**, Dzhelyadin, R.I., Zaitsev, A.M., Konstantinov, V.F., Kubarovskii, V.P., Landsberg, L.G., Leont'ev, V.M., Mukhin, V.A., Obratsov, V.F., Petrunina, T.I., Pokrovskii, N.S. Upper limits for the cross sections of the exclusive reactions $\pi^+ + p$ (in the nucleus) $\rightarrow ((N/p) + n)$ and $(\chi + n)$ in the presence of π^- -mesons at 27 to 40 GeV/c 8-78218
- Golovkin, S.V.**, Dzhelyadin, R.I., Zaitsev, A.M., Konstantinov, V.F., Kubarovskii, V.P., Landsberg, L.G., Leont'ev, V.M., Mukhin, V.A., Obratsov, V.F., Petrunina, T.I., Pokrovskii, N.S. Muon pair production in $\pi^+ N$ interactions at 27 and 40 GeV/c 8-89919
- Golovkin, S.V.**, Zaitsev, A.M. Portable electron gun for investigating and adjusting particle detectors 8-78539
- Golovkin, V.S.**, Bykov, V.N., Levdik, V.A., Ustinov, A.I., Barinov, I.P. Temperature limits of the cryomagnetic method for establishing a single-modulation state of chromium 8-72374
- Golovko, L.S.** see Balla, D.D. 8-84338
- Golovko, L.S.** see Zaitsev, G.A. 8-70130
- Golovko, M.F.** see Yuhnovskii, I.R. 8-66707
- Golovkov, V.P.** Relation between secular geomagnetic field variations and the daily rotation of the Earth 8-73302
- Golovnin, I.S.** see Tsykanov, V.A. 8-86582
- Golovnya, V.V.** see Sheptulenko, E.V. 8-50443
- Golser, H.** LR 7627, a 5 mW He-Ne-laser tube in coaxial glass technique design 8-90410
- Golshani, M.** see Langacker, P. 8-58153
- Gol'ter, A.E.** see Roschupkin, A.M. 8-71784
- Gol'tsev, A.V.**, Lang, I.G., Pavlov, S.T., Yashin, G.Yu. Longwave secondary radiation in polar semiconductors 8-80343
- Gol'tsev, V.P.**, Dolgov, V.M., Drugachenok, M.A., Nesterenko, V.B. The process of dynamic sorption of ^{131}I from the gas phase of the dissociating system $\text{N}_2\text{O}_4 \rightleftharpoons 2\text{NO}_2 \rightleftharpoons 2\text{NO} + \text{O}_2$ 8-58356
- Gol'tsev, V.P.** see Dergai, A.M. 8-58357
- Gol'tsiper, A.D.**, Tarakanov, S.V., Todes, O.M., Chivilikhin, S.A. Generation of a plane relaxation wave in an aerocolloidal suspension of solid particles 8-51227
- Gol'tsman, B.M.**, Komissarchik, M.G., Averkin, A.A. High stresses in $\text{Bi}_{2-x}\text{Sb}_x\text{Te}_3$ solid-solution films on a mica substrate 8-51859
- Gol'tsman, B.M.** see Gartsmann, K.G. 8-51576
- Gol'tsman, F.M.** Statistical algorithms for scaling geophysical fields 8-73257
- Gol'tsman, V.L.** see Brodskii, Yu.Ya. 8-59604
- Gol'tsman, V.L.** see Brodsky, Yu.Ya. 8-75353, 8-75383
- Gol'tsov, V.A.**, Timofeev, N.I., Machikina, I.Yu. The phenomenon of phase hardening in hydride-forming metals and alloys 8-52833
- Goltzene, A.**, Schwab, C. EPR investigation of the photomemory effect of Cu_2O 8-52353
- Goltzene, A.** see von Bardeleben, H.J. 8-64260, 8-88336
- Golub, L.** see Rosner, R. 8-53895
- Golub', P.D.**, Perepechko, I.I. Acoustical properties of an organosilicon ladder polymer at liquid-helium temperatures 8-95114
- Golub, R.** see Ageron, P. 8-70678
- Golub, R.** see Solomon, I. 8-73499
- Golub, S.Ya.** see Arbuzov, M.P. 8-68680
- Golub, V.P.**, Ishchenko, I.I., Sinaiskii, B.N., Pogrebnyak, A.D. Stabilization and programming of the static load during fatigue tests under an asymmetric loading cycle and high temperatures 8-64801
- Golubev, A.B.** see Rifert, V.G. 8-75039
- Golubev, E.M.** see Volkova, G.A. 8-93688
- Golubev, L.V.** see Plotnichenko, V.G. 8-60450
- Golubev, O.A.** see D'yachkov, L.G. 8-91152
- Golubev, S.A.**, Kovalev, A.S., Loginov, N.A., Pismenny, V.D., Rakhimov, A.T. The cathode fall in electron beam controlled stationary non-self-sustained discharges 8-71613
- Golubev, V.G.** see Gel'mont, B.L. 8-87980
- Golubev, V.S.**, Kiselevskii, L.I., Snopko, V.N. Plasma formation when CO_2 laser radiation passes through transparent dielectrics 8-60534
- Golubev, V.S.** see Gavriluk, V.D. 8-50801
- Golubev, Yu.F.** see Okhotsimskii, D.E. 8-69639
- Golubeva, M.B.** see Golovin, B.M. 8-54586
- Golubitskii, V.G.**, Dubik, B.S., Slavinskaya, E.A. Influence of fluctuations in atmospheric pressure on tidal tilts of Earth's surface 8-88790
- Golubitskii, V.G.** see Dubik, B.S. 8-88789
- Golubitsky, M.** An introduction to catastrophe theory and its applications 8-69967
- Golubkov, A.G.**, Shirokova, L.G., Al'shits, I.M., Tsubina, Kh.V., Kharlamova, G.K. Rheological behavior of polyester compositions with phenol and glass microspheres 8-53267
- Golubkov, A.G.** see Bulina, I.G. 8-59429
- Golubkov, A.V.** see Aptekar', I.L. 8-71791
- Golubkov, V.P.**, Klovok, V.V., Sevost'yanov, V.S., Stepanov, V.B., Teplyakov, V.A. RF adjustment of the accelerating system of the URAL-15 linear accelerator 8-78523
- Golubkov, V.V.** An analytic method for determining orientation of unstabilized slightly perturbed artificial Earth satellites. I 8-69642
- Golubovskaya, M.P.** see Galant, E.I. 8-88364
- Golubovskii, Yu.B.**, Lyagushchenko, R.I. Limiting current in a steady-state diffusion-recombination discharge 8-67466
- Golubovskii, Yu.B.**, Zinchenko, A.K., Kagan, V.M. Neon positive column at high pressures 8-51383
- Golubovskii, Yu.B.** see Tsendin, L.D. 8-67465
- Golubovskii, Yu.M.**, Rezunkova, O.B. Photoelectric microscope with an oscillating slit 8-82030
- Golubowsky, Ju.B.** see Wagner, L.S. 8-67498
- Golubskaya, M.P.** see Arbuzov, V.I. 8-68558
- Golubtsov, K.V.** see Byzov, A.L. 8-96043
- Golukov, E.G.** see Arkhipov, G.A. 8-85104
- Golushko, V.V.** see Aleksandrov, K.A. 8-86646
- Golutvin, I.A.** see Aleksandrov, V.S. 8-66436
- Goly, A.** Determination of absolute oscillator strengths for doubly-ionized vanadium 8-82691
- Golyamina, E.M.** see Gaidukov, Yu.P. 8-60145
- Golynskii, S.M.** see Gusev, V.D. 8-53773
- Goma, J.** see Oberlin, M. 8-64563
- Gomaa, M.A.**, Mohamed, E.J. Neutron detection using CA-80-15 cellulose nitrate track detector 8-62677
- Gomay, Y.**, Fujisawa, N., Maeno, M., Suzuki, N., Uehara, K., Yamamoto, T., Konoshima, S. Particle and energy fluxes observed in the scrape-off layer of JFT-2 Tokamak 8-59690
- Gomay, Y.**, Tazima, T., Fujisawa, N. Discharge cleaning experiment in the JFT-2 tokamak with surface observation by AES 8-51316
- Gomberoff, L.** see Cuperman, S. 8-59577, 8-59578
- Gomberoff, L.** see Fidone, I. 8-91102
- Gombert, M.M.** see Deutsch, C. 8-65869
- Gombia, E.** see Franzosi, P. 8-92198
- Gombosi, T.** see Kurt, V.G. 8-77446
- Gombosi, T.** see Verigin, M.I. 8-96418
- Gomer, R.** see Madden, W.G. 8-51796
- Gomer, R.** see Wang, C. 8-71986
- Gomes, A.A.** see de Menezes, O.L.T. 8-51944, 8-72118, 8-91649
- Gomes, A.A.** see Troper, A. 8-68226
- Gomes, A.M.**, Bacri, J. Departure between electrons and heavy particles temperatures in an argon arc discharge 8-67602
- Gomes, C.B.**, Jarosewich, E., Keil, K., Curvello, W.S. Studies of Brazilian meteorites. IX. Mineralogy, petrology and chemistry of the Macau, Rio Grande do Norte, chondrite 8-93171
- Gomes, C.B.**, Keil, K., Jarosewich, E. Studies of Brazilian meteorites. VII. Mineralogy, petrology, and chemistry of the Uberaba, Minas Gerais, Chondrite 8-65554

- Gomes, C.B., Keil, K., Jarosewich, E., Curvello, W.S. Studies of Brazilian meteorites. VIII. Mineralogy, petrology and chemistry of the Itapicuru Mirim, Maranhao, chondrite 8-81594
- Gomes, M.A.F., da Gama, A.A.S., Ferreira, R. Remarks on orbital perturbation approaches to catalysis 8-80783
- Gomes, W.P. *see* Laflere, W.H. 8-64114
- Gomes, W.P. *see* Van Wezemael, A.-M. 8-52079
- Gomez, A.M. Comment on the use of 224 reflections with $g \cdot b = 0$ for determining stacking faults widths 8-59722
- Gomez, R.B., Potter, M.T., Pierluissi, J.H. Application of an efficient method for calculating transmittance profiles 8-85696
- Gomez, P.B. *see* Pierluissi, J.H. 8-61552, 8-70202
- Gomez, T. *see* Mendoza V., E.E. 8-69799
- Gomez-Nieto, M., Thodos, G. Generalized vapor pressure equation for nonpolar substances 8-63861
- Gomez-Taylor, M.M., Griffiths, P.R. On-line identification of gas chromatographic effluents by dual-beam Fourier transform infrared spectrometry 8-73091
- Gomide, F.M., Uehara, M. On three cosmological models with Hoyle's hypothesis 8-86045
- Gomilka, L.A., Ivanov, G.V., Lesnevsky, L.N., Popov, G.A., Turin, V.N. Volume ad time distribution parameters of impulse plasma jets 8-71558
- Gomis, J., Pons, J.M. Poincare transformations and Galilei transformations 8-69981
- Gomis, J. *see* Elizalde, E. 8-77672
- Gon, J.J. Denier Van der *see* Denier Van der Gon, J.J.
- Gon Chun Hui *see* Hui Gon Chun
- Gon-Han Vu *see* Vu Gon-Han
- Gonchar, I.G. *see* Karpenko, G.V. 8-92296
- Gonchar, I.G. *see* Rudenko, V.P. 8-56810
- Gonchar, N.A., Katsnel'son, A.A., L'vov, Yu.M., Semina, L.A., Feigin, L.A. Determination of the molecular weight and form of the molecule of histidine-decarboxylase by the method of low angle X-ray scatter 8-76987
- Gonchar, V.V. *see* Vedula, Yu.S. 8-60032
- Gonchar, V.Yu. *see* Kuprikov, V.I. 8-70747
- Gonchar, V.Yu. *see* Shevchenko, N.G. 8-89785
- Goncharenko, A.M., Karpenko, V.A., Stolyarov, Yu.D. Propagation of light beams in thin-film waveguides 8-71218
- Goncharov, A.A. *see* Gabovich, M.D. 8-75377
- Goncharov, L.A. *see* Borodovskii, Ya.A. 8-56156
- Goncharov, L.G., Ryabykina, L.V., Svistunova, K.I. Influence of dislocations on the lifetime of free excitons in germanium 8-60064
- Goncharov, N.P. *see* Benediktov, E.A. 8-61652
- Goncharov, N.Yu. *see* Abranin, E.P. 8-54027, 8-65597
- Goncharov, V.A. *see* Feldman, Y.D. 8-95539
- Goncharov, V.G. *see* Novikov, I.I. 8-51698
- Goncharov, V.P., Krasil'nikov, V.A., Pavlov, V.I. Introduction of canonical variables in the hydrodynamic equations of an ideal liquid in the general theory of relativity 8-63510
- Goncharov, V.S. *see* Lyashchenko, A.K. 8-63659
- Goncharova, N.G., Zhivopistsev, F.A., Lovtsov, S.V., Shitikova, K.V. Isovector multipole giant resonances in electroexcitation of the nucleus ^{40}Ca 8-54747
- Goncharskii, A.V. *see* Cherepashchuk, A.M. 8-65658
- Goncharuk, I.N., Davydov, V.YU., Ivanova, E.A., Chisler, E.V. Interference effects in the vibrational spectrum of sodium nitrite 8-87752
- Goncharuk, I.N., Ivanova, E.A., Chisler, E.V. Molecular mechanism and dynamics of the ferroelectric transition of the ordering type in the NaNbO_3 crystal according to the data from vibrational spectroscopy 8-76402
- Gonzalez, R. The susceptibility of superfluid $^3\text{He-B}$ in the acoustic limit at nonzero temperatures (spin waves) 8-84020
- Gonda, S., Matsushima, Y., Mukai, S., Makita, Y., Igarashi, O. Heteroepitaxial growth of GaP on silicon by molecular beam epitaxy 8-64481
- Gondadenkova, O.F. *see* Zlatorunskii, A.A. 8-85399
- Gondhalekar, P. *see* Boggess, A. 8-96383
- Gondhalekar, P. *see* Boksenberg, A. 8-96540
- Gondhalekar, P.M. *see* Boggess, A. 8-96382
- Gondhalekar, P.M. *see* Grewing, M. 8-96524
- Gondhalekar, P.M. *see* Lane, A.L. 8-93133
- Gondra, A.D., Kozlov, N.A. The divergence of a dye laser beam 8-74931
- Gondra, A.D., Kozlov, N.A. Hydroacoustical perturbations of the active medium of fluid lasers 8-82966
- Gondrand, J.C. *see* Nguyen Van Sen 8-50210
- Gonek, H.F. *see* Boim, A.N. 8-93717
- Gonek, N.F. *see* Allaniyazov, K.H. 8-75240
- Gonen, B. *see* Magora, A. 8-80999
- Gonfalone, A. Reflection of resonance cone and plasma-filled waveguide modes 8-67365
- Gonfalone, A. *see* Lembege, B. 8-91098
- Gonfalone, A. *see* Mozer, F.S. 8-85808
- Gonfiantini, R. *see* Panichi, C. 8-69312
- Gong Change-De, Wu Hang-Sheng, Cai Jian-Hua, Cai Jun-Dao, Ji Guang-Da. Theory of the superconducting critical temperature. II 8-52115
- Gongadze, A.D., Gurgenshvilii, G.E., Kharadze, G.A. Solitons in superfluid $^3\text{He-A}$ in the vicinity of the transition into the A_1 -phase 8-87840
- Gongaware, W. *see* Tyler, B. 8-53662
- Gonidec, A. *see* Prescott, C.Y. 8-89719
- Gonnard, P. *see* Briot, R. 8-76412
- Gono, Y. *see* Lieder, R.M. 8-62476
- Gono, Y. *see* Muller-Veggian, M. 8-82309
- Gonopol'skii, A.M., Dautov, A.I., Ismagilov, R.Kh., Slobodkina, F.A. Heat transfer in a plasmatron channel 8-83622
- Gonord, P. *see* Kan, S. 8-74041
- Gonsalves, J.B., Leland, T.W. A modification of regular solution theory to incorporate an improved approximation for pair distribution functions in mixtures 8-67829
- Gonser, U., Ghafari, M., Wagner, H.-G. Mossbauer spectroscopy of amorphous metglass $\text{Fe}_{80}\text{B}_{20}$ 8-60365
- Gonser, U. *see* Lauer, J. 8-52398
- Gonsior, B. *see* Steinmetz, B. 8-86522
- Gontar', A.G. *see* Malogolovets, V.G. 8-59841
- Gontar', A.G. *see* Visnevskii, A.S. 8-56144
- Gontar', N.S. *see* Narva, O.M. 8-60899
- Gontard-Meyer, K. *see* von Gontard-Meyer, K.
- Gontarev, G.G. High-power long-pulse thyatron modulator with small off-duty factor 8-86380
- Gontarevskaya, N.S. *see* Galkin, A.A. 8-56596
- Gonthier, A. *see* Kovacs, A.J. 8-51432
- Gontier, Y., Trahin, M. Temporal effects on the amplitude of the resonance peaks in multiphoton ionisation 8-78760
- Gonzaga, L.V., Chaves, A.S., Blinc, R., Ribeiro, G.M., Gazzinelli, R., Rius, G. EPR study of central peak fluctuations in an ADA-ADP mixed crystal 8-91932
- Gonzales, A.L.C. *see* Gonzales, W.D. 8-57408
- Gonzales, W.D., Gonzales, A.L.C., Almeida, W.A., Mozer, F.S. Fast and delayed penetration of the interplanetary electric field to the Earth's magnetosphere 8-57408
- Gonzalez, A.G. *see* Antoniadis, D.A. 8-75882
- Gonzalez, A.M. Collapse of thin wall tubes 8-87276
- Gonzalez, P. A wide band AC electronic voltmeter 8-86304
- Gonzalez, R.C. *see* Wintz, P.A. 8-61626
- Gonzalez, S. *see* Mendoza V., E.E. 8-69799
- Gonzalez H, J., Gonzalez-Basurto, J., Sanchez-Sinencio, F., Helman, J.S., Reyes-Flotte, A. Room-temperature coloration of TiO_2 8-84611
- Gonzalez H, J. *see* Tsu, R. 8-92077
- Gonzalez Mestres, L. *see* Aurenche, P. 8-62377
- Gonzalez-Arroyo, A. *see* Aguilar-Benitez, M. 8-82228
- Gonzalez-Basurto, J. *see* Gonzalez H, J. 8-84611
- Gonzalez-Cruz, L., Joly, J.-P., Germain, J.-E. Rapid thermal desorption of oxygen from metal oxides 8-64884
- Gonzalez-Diaz, P.F. Measurement in perception quantum theory 8-49689
- Gonzalez-Diaz, P.F. Statistics and elementary particles. I. The extended exclusion principle and particle transmutation 8-49690
- Gonzalez-diaz, P.F. Statistics and elementary particles. II. Quantum characteristics of particles 8-70297
- Gonzalez-Diaz, P.F. Relativistic negative acceleration components 8-86058
- Gonzalez-Diaz, P.F., Hidalgo, A. Halogenated derivatives of calcium apatites 8-52489
- Gonzalez-Diaz, P.F., Santos, M. Infrared spectra of strontium, lead and barium apatites 8-60442
- Gonzalez-Elipe, A.R., Soria, J., Munuera, G. EPR study of oxygen adsorption on X-ray irradiated anatase 8-80211
- Gonzalez-Gascon, F. Negative results concerning more than one singular speed in special relativity 8-49655
- Gonzalez-Gascon, F. Geometrical derivation and generalization of recent results concerning the relation between limit cycles and symmetries of smooth vector fields 8-54163
- Gonzalez-Gascon, F., Kumpera, A. New criteria on the existence of stable-limit cycles 8-57756
- Gonzalez-Gascon, F., Moreno-Insertis, F., Rodriguez-Camino, E. Geometrical foundations and results on a problem suggested in a paper by Anderson et al 8-54159
- Gonzalez-Martin, G.R. Gyroscopic motion and aberration in stationary fields 8-54284
- Gonzalez-Gascon, F. Reply to Lemke's comment on a paper by Gonzalez-Gascon 8-49656
- Gonzy, J.D. *see* Hilal, M.A. 8-55000
- Good, H.P. *see* Wild, U.P. 8-54465
- Good, R.E. *see* Weeks, L.H. 8-57247
- Good, R.H., Jr. *see* Sidhu, S.S. 8-58116
- Good, R.J., Kotsidas, E.D. The contact angle of water on polystyrene: A study of the cause of hysteresis 8-95206
- Goodall, D.H.J., McCracken, G.M. Arcing and surface damage in DITE 8-59611
- Goodall, D.M. *see* Street, A.J. 8-73060
- Goodall, I. *see* Aitken, T.W. 8-82004
- Goodall, I.W. *see* Ainsworth, R.A. 8-90722
- Goodby, J.W., Gray, G.W. Some new smectic F materials 8-51651
- Goodby, J.W. *see* Gray, G.W. 8-94968
- Goode, P. *see* Hass, M. 8-66202
- Goode, P. *see* Rockmore, R. 8-70567, 8-78416
- Goode, P.R., Barrett, B.R. Importance of high-lying intermediate excitations on the nuclear effective interaction 8-70460
- Goodenough, D.G. *see* Goldberg, M. 8-69490
- Goodenough, D.J. *see* Weaver, K.E. 8-69194
- Goodenough, J.B. *see* Chevalier, B. 8-79993
- Goodfellow, R.C., Carter, A.C., Davis, R., Hill, C. New contact resistance profiling method for the assessment of III-V alloy multilayer structures 8-56213
- Goodfellow, W.D. *see* Whitehead, R.E.S. 8-65298
- Goodgold, J. *see* Eberstein, A. 8-80985
- Goodhart, C.L. *see* Hitney, H.V. 8-92935
- Goodhew, P.J., Tan, T.Y., Balluffi, R.W. Low energy planes for tilt grain boundaries in gold 8-51551
- Goodhew, P.J., Tyler, S.K. Bubbles and voids with ringed images 8-51529
- Goodhew, P.J. *see* Aitken, D. 8-57919
- Goodhew, P.J. *see* Tyler, S.K. 8-67749
- Goodhue, E.C. *see* Rangarajan, R. 8-53250, 8-53251
- Goodilin, I.A., Evseyenko, V.P., Mitsuk, V.E., Chernikov, V.A. Investigation of laser radiation absorption in the stage of light spark deionization 8-75398
- Goodin, D.S., Squires, K.C., Henderson, B.H., Starr, A. Age-related variations in evoked potentials to auditory stimuli in normal human subjects 8-77063
- Gooding, J.L., Keil, K. Alteration of glass as a possible source of clay minerals on Mars 8-89097
- Gooding, J.L., Muenow, D.W. Experimental vaporization of the Holbrook chondrite 8-65568
- Gooding, R.H. The orbit of the satellite Ariel 4 (1971-109A) 8-73604
- Goodings, D.A., Kennedy, P., Dunmore, P.V. Field dependence of spin-lattice relaxation in α -nitrogen 8-68407
- Goodisman, J. *see* Pastor, R.W. 8-67888
- Goodling, J.S. *see* Patel, G.R. 8-95134
- Goodman, A.M. A 25-kV bias-isolation unit for 1-MHz capacitance and conductance measurements 8-54401
- Goodman, A.M. Optical interference method for the approximate determination of refractive index and thickness of a transparent layer 8-89528
- Goodman, C.D., Hanson, D.L., Hensley, D.C., Stokstad, R.G. Isospin conservation in the reactions $^{16}\text{O}(p,t)^{14}\text{O}(\text{g.s.})$ and $^{16}\text{O}(p,^3\text{He})^{14}\text{N}(2.31 \text{ MeV})$ 8-50170
- Goodman, C.D., Rapaport, J., Bainum, D.E., Briant, C.E. Large, time-compensated scintillation counters for high-energy neutron time-of-flight measurements 8-55085
- Goodman, C.H.L. Devices and materials for 4 μm -band fibre-optical communication 8-94441
- Goodman, F.O., Garcia, N., Cabrera, N. Scattering of atoms by surfaces with one-dimensional periodicity on the stationary sinusoidal hard-wall model 8-92161
- Goodman, F.O., Romero, I. One-phonon scattering of atoms in three dimensions by a simplified continuum model of a surface: thermal desorption 8-87860
- Goodman, I. *see* Ghaffar, A. 8-91260, 8-91261
- Goodman, J. The microstructure of California coastal fog and stratus 8-61505
- Goodman, J., Brus, L.E. Distant intramolecular interaction between identical chromophores: The $n-\pi^*$ excited states of p-benzoquinone 8-90203
- Goodman, J., Brus, L.E. Weak isotope effect in the condensed phase vibrational relaxation of a nonhydride molecule: $\text{NO}(\text{a}^1\Pi)$ 8-94233
- Goodman, J.W. Some methods for broadening the class of operations achievable by optical data processing systems 8-78940
- Goodman, L. *see* Lehmann, K.K. 8-90233
- Goodman, L.J. Density and composition uniformity of A-150 tissue-equivalent plastic 8-73252

- Goodman, L.R.** *see* Swift, R.N. 8-57372
- Goodman, P.** Accurate structure factor and symmetry determination 8-83673
- Goodrich, L.E.** Efficient numerical technique for one-dimensional thermal problems with phase change 8-59270
- Goodrich, L.F.** *see* Verhoeven, J.D. 8-76203
- Goodrich, R.G., Ruthruff, T.L.** Radio-frequency size-effect measurements in rhodium 8-91598
- Goodrich, R.G.** *see* Ruthruff, T.L. 8-68025
- Goods, S.H., Nix, W.D.** The coalescence of large grain boundary cavities in silver during tension creep 8-52894
- Goods, S.H., Nix, W.D.** The kinetics of cavity growth and creep fracture in silver containing implanted grain boundary cavities 8-52935
- Goods, S.H., Nix, W.D.** Mechanisms of gas bubble embrittlement of metals 8-60824
- Goodstein, D.L.** *see* Cole, M.W. 8-87833
- Goodwin, A.M.** Archean basin-craton complexes and the growth of Precambrian shields 8-61412
- Goodwin, A.M.** *see* Naldrett, A.J. 8-88824
- Goodwin, F.E., Hersman, M.S., Shiue, J.C.** A four band millimeter wave radiometer design for atmospheric remote sensing 8-96324
- Goodwin, G.L., Hobson, G.J.** Atmospheric gravity waves generated during a solar eclipse 8-88887
- Goodwin, H.A.** *see* König, E. 8-80259
- Goodwin, J.G., Jr., Parravano, G.** Decarburization of iron films by hydrogen. A conversion electron Mossbauer spectroscopic study 8-85198
- Goodwin, K.** From a dust storm to North Sea gas 8-57983
- Goody, R.M.** *see* Brown, R.A. 8-85876
- Goodyear, C.C.** *see* Watkinson, P. 8-54398
- Goodyear, J., Ali, E.M., Sutherland, H.H.** Triubidium heptachlorodimanganate 8-79578
- Goorjian, P.** *see* Balhaus, W. 8-71362
- Goorjian, P.M.** *see* Balhaus, W.F. 8-51185
- Goorvitch, D.** *see* Erickson, E.F. 8-85890
- Goossens, M.** *see* Nowak, R.J. 8-78213
- Goossens, R.J.G.** *see* Glaudemans, P.W.M. 8-78254
- Goovaerts, E., Schoemaker, D.** Inelastic light scattering of the V_K centers in the alkali halides 8-80338
- Gopal, E.S.R.** *see* Katyal, S.C. 8-71780
- Gopal, E.S.R.** *see* Kumar, A. 8-76123
- Gopal, E.S.R.** *see* Ramakrishnan, J. 8-71874
- Gopal, G.P.** *see* Cameron, W. 8-54653
- Gopal, V.** Analysis of the infrared plasma reflectivity spectra of semiconductors 8-52480
- Gopala, P.V., Nammalvar, T.** Equation of state and intensity calculation of Brillouin spectra 8-52515
- Gopala Rao, A.V.** *see* Saroja, D. 8-62291
- Gopala Rao, R.V., Chakrabarti, P.K., Bhattacharyya, R.** Viscosity & self-diffusion coefficients of hard-sphere fluids 8-51716
- Gopala Rao, R.V., Joarder, R.N.** Nammalvar, T. On the resistivity of liquid metals 8-51962
- Gopala Rao, R.V., Joarder, R.N.** Perturbation version of the Percus-Yevick equation: the square-well potential 8-63648
- Gopala Rao, R.V., Joarder, R.N.** Mean spherical model approximation: surface tension, shear viscosity and self-diffusion coefficient of liquids 8-75514
- Gopala Rao, R.V., Joarder, R.N.** A method of evaluating the effective pair potential from the static structure factor data 8-75521
- Gopala Rao, R.V., Joarder, R.N.** Neutron diffraction study of liquid bromine: evaluation of the effective pair potential 8-75527
- Gopala Rao, R.V., Joarder, R.N.** On the compressibility modulus of water 8-75701
- Gopala Rao, R.V., Murthy, A.K., Sastri, R.C.** A note on electronic correlation functions for liquid Na-K alloy 8-63663
- Gopala Rao, R.V., Sen, D.** Perturbation treatment of Percus-Yevick equation and its application to liquid platinum and palladium metals 8-75515
- Gopala Rao, R.V., Sen, D.** A perturbation treatment of Percus-Yevick equation and structures of liquid indium and thallium 8-75530
- Gopala Rao, U.V., Chand, F., Agnihotri, C.L., Jauhari, N.P.** A modified satellite cloud picture recorder for reception of A.P.T. pictures from NOAA satellites 8-81434
- Gopalakrishnan, C.V., Palekar, M.G.** The effect of surface viscosity and surface deformation on a uniformly rotating fluid layer heated from below 8-63438
- Gopalakrishna, A.V.** Discontinuities in an arbitrarily moving gas in special relativity 8-73842
- Gopalakrishnan, A.** *see* Chambre, P.L. 8-50271
- Gopalakrishnan, J.** *see* Appandairajan, N.K. 8-87972
- Gopasyuk, S.I.** Photospheric gas motions in a single sunspot 8-65582
- Gopel, W.** Nonstationary sublimation of ZnO prismatic surfaces 8-60035
- Gopel, W.** Reactions of oxygen with ZnO-1010-surfaces 8-95950
- Gopel, W.** *see* Blum, J.K. 8-72375
- Gopel, W.** *see* Wedler, G. 8-72003
- Gopinathan, M.S.** *see* Kishner, S. 8-62726
- Gopkalo, A.P., Sinyavskii, D.P.** A method of investigating cyclic strength in nonisothermal loading under the uniaxial and plane stressed states 8-85096
- Gopu, V.M.** *see* Sequeira, A. 8-55787
- Gopych, I.M., Zalyubovskii, I.I., Eler, E., Vinel', G.V.** Calculation of peak-detection probability for line spectra 8-78597
- Goral, A.B.** 'ME-EM' field model of the free electron state. III. Final conclusions and general implications of the model 8-49988
- Goral, A.B.** Evaluating the electron magnetic moment anomaly by means of a two-level, dual vacuum polarization model 8-54632
- Goral, A.B.** Magnetic moment and electromagnetic structure of hydrogen ion 8-54633
- Goral, A.B.** Dynamic base capacitance and the time constant of the p-n semiconductor diode 8-68076
- Goran, M.** *see* Glanz, G. 8-59946
- Goranova, E.A.** *see* Kasabov, I.D. 8-91730
- Goranson, P.L.** The design of the ISX-B differentially pumped bellows 8-55025
- Goranson, P.L.** *see* Smith, T.E. 8-54881
- Goravneva, T.S.** *see* Avdeev, F.N. 8-90619
- Gorb, M.L.** *see* Dyban', Yu.P. 8-60633
- Gorbach, I.V.** *see* Antuf'eva, R.N. 8-59220
- Gorbachev, L.P., Fedorov, V.F.** Perturbation of a weak magnetic field by the density step at a heat wave front 8-94835
- Gorbachev, L.P.** *see* Balankin, S.A. 8-91376
- Gorbachev, S.F., Kislovskii, S.F., Nagulin, I.L., Smolyak, E.L.** A spectrometer with a vidicon for the investigation of spectral line contours 8-74075
- Gorbachev, V.V., Kvaskov, V.B.** Switching effects in copper chalcogenides 8-84266
- Gorbachev, V.V.** *see* Pryanishnikov, V.P. 8-88441
- Gorbachev, Yu.E.** The viscosity of superfluid isotropic He³ 8-63895
- Gorbacheva, E.N.** *see* Rozhdestvenskaya, N.B. 8-86319
- Gorbacheva, I.V., Gorski, S.M., Lebedev, V.P., Lyubimov, V.I.** Interference-phase method of magnetic-field measurement in solar atmosphere 8-65509
- Gorban, A.N.** *see* Kornich, V.G. 8-60235
- Gorban, I.S., Grishchenko, G.A., Sakalas, A.P., Sodeika, A.S., Tychina, I.I., Tkachenko, A.K.** Electrical properties of ZnP₂ single crystals of tetragonal and monoclinic modifications 8-84217
- Gorban', I.S., Kovtunen, S.V., Makovetskaya, A.P., Slobodyanyuk, A.V., Tychina, I.I., Shevchenko, V.A.** Interband Faraday effect in tetragonal ZnP₂ crystals 8-72490
- Gorban', I.S., Krokmal', A.P.** Absorption spectra of excitons bound to neutral boron atoms in 4H SiC 8-88338
- Gorban', V.A.** Some exact partial solutions for nonstationary motion in a unidimensional continuous medium 8-73859
- Gorban', V.A.** *see* Srebnnyuk, S.M. 8-75186
- Gorban', V.P., Katchan, V.Ya., Kozyukov, A.V.** Distiller of alkali metals 8-80490
- Gorban', V.P.** *see* Malashenko, V.P. 8-84854
- Gorbatenko, V.E., Romanenko, A.A., Gladush, V.M., Markina, L.V.** Method of quantitatively assessing the blistered structure of vitreous enamel coatings 8-53108
- Gorbatenko, V.E., Romanenko, A.A., Gladush, V.M., Markina, L.V.** The bubble structure of vitreous enamel and flaw forecasting 8-53118
- Gorbatina, G.N.** *see* Bersuker, I.B. 8-55264
- Gorbatov, A.M.** *see* Bursak, A.V. 8-78270
- Gorbatov, A.V.** *see* Samuilov, E.V. 8-91066
- Gorbatov, I.N.** *see* Tkachenko, Yu.G. 8-56839, 8-60877
- Gorbatshev, F.F.** *see* Bakulin, V.N. 8-94614
- Gorbatskii, V.G.** Transfer of angular momentum during steady disk accretion 8-65609
- Gorbatskii, V.G.** The angular momentum loss from a star that is the component of a close binary system and has a rapidly rotating core 8-93196
- Gorbatyi, Yu.E.** *see* Bondarenko, G.V. 8-62855
- Gorbenko, V.G., Derebchinskii, A.I., Zhebrovskii, Yu.V., Kolesnikov, L.Ya., Konovalov, O.G., Nikiforov, V.I., Rubashkin, A.L., Sorokin, P.V., Tenishev, A.E.** Measurement of polarization of secondary proton from $\gamma p \rightarrow \pi^0 p$ reaction with polarized photons at energies of 360, 400, 450, 500 MeV 8-54637
- Gorbik, P.P., Komashchenko, V.N., Fedorov, G.A.** Some properties of heterojunctions with zinc sulphide single crystals 8-72251
- Gorbine, W.** *see* Glangeaud, F. 8-61680
- Gorbis, Z.R., Spokoinyi, F.E., Zagaynova, R.V.** Computation of steady-state radial distribution of finely dispersed particles in a vertical turbulent gas flow 8-55680
- Gorbov, M.M.** *see* Konev, D.G. 8-93655
- Gorbovitskaya, T.I.** *see* Avotins, Yu.E. 8-80427
- Gorbunov, A.A.** *see* Skvortsov, A.M. 8-50672, 8-70992
- Gorbunov, G.G., Matyakin, Yu.G.** Choosing the parameters of the electrical channels in a Fourier spectrometer 8-82058
- Gorbunov, L.M., Ramazashvili, R.R.** Spectrum of stimulated Raman scattering in a nonuniform plasma 8-83578
- Gorbunov, P.A.** *see* Ajienko, I.V. 8-58206
- Gorbunov, P.A.** *see* Granet, P. 8-93913
- Gorbunov, V.I., Butakova, G.E., Temnik, A.K.** Effects of welded-joint shape fluctuations on errors in radiographic testing 8-53145
- Gorbunov, V.I., Gorbunov, V.M., Zav'yalkin, F.M., Kvasnitsa, M.S.** Effects of averaging within the field of view of the detector on the choice of recording equipment 8-53098
- Gorbunov, V.I., Ivakin, V.P., Kononov, B.A., Lukin, A.L.** Solid-state detectors in proton radiography [colorimetry] 8-92424
- Gorbunov, V.I., Petushenko, V.F., Sviriyak, D.I.** Analysis of the conditions of ensuring three-dimensionality in radiostereoscopic systems 8-76806
- Gorbunov, V.I., Sviriyak, D.I., Egorenko, Yu.A., Moskalev, Ya.A., Gurevich, A.Ya., Povelitsyn, G.E.** Luminescent converters in radiation field detection 8-53125
- Gorbunov, V.I.** *see* Vavilov, V.P. 8-60946, 8-72970, 8-72995
- Gorbunov, V.M.** *see* Gorbunov, V.I. 8-53098
- Gorbunov, V.V.** *see* Ermolovich, I.B. 8-51599, 8-87719
- Gorbunova, I.V., Shatornaya, N.V.** Precision in determining the hypocenter and dimensions of a strong earthquake source on the example of the Dagestan earthquake of May 14, 1970 8-57172
- Gorbunova, K.G.** *see* Novikov, V.K. 8-76071
- Gorbunova, L.V., Kondorskaya, N.V.** Magnitude in the Soviet seismological practice 8-57173
- Gorbunova, N.I.** *see* Sheindlin, A.E. 8-73073
- Gorbunova, T.A.** *see* Minkov, I.M. 8-55296
- Gorbunova, T.N., Dmitruk, N.L.** Phonon polaritons in Sb₂S₃ layered crystals 8-60021
- Gorbuntsov, A.F.** *see* Nikitenko, N.I. 8-83399
- Gorchakov, A.V.** *see* Balakirev, M.K. 8-87857
- Gorchakov, E.V.** *see* Volodin, E.Ya. 8-53779
- Gorchakov, L.V., Demkin, V.P.** Calculation of Stark half-widths and shifts of ionic spectral lines 8-62764
- Gorchakov, O.E., Kuptsov, A.V., Nemenov, L.L.** Estimation of π - μ atom beam intensities at high energy accelerators 8-54629
- Gorchakov, V.I., Sazonov, V.N.** Numerical computation of the excitation of a quantum nonlinear oscillator by a harmonic force 8-50743
- Gorchakova, L.A., Libinon, M.M., Rabinovich, M.Ya.** The use of fire protection composition type VPM-2 to prevent fires in cable structures 8-68828
- Gorczyca, S.** *see* Blicharski, M. 8-72827, 8-92295
- Gorczyca, S.** *see* Maciosowski, A. 8-92273
- Gorczyca, S.** *see* Siwecki, T. 8-52807
- Gordeev, A.V.** *see* Baranchikov, E.I. 8-87455
- Gordeev, I.V.** *see* Kesler, Ya.A. 8-51703, 8-53237
- Gordeev, V.A., Kruglov, S.P., Kudinov, V.I., Kuz'min, L.A., Mikirtych'yants, S.M., Minaichev, E.V., Obukhov, Yu.V., Savel'ev, G.I., Firsov, V.G., Shcherbakov, G.V.** μ^+ -meson depolarisation processes in single silicon crystals 8-52416
- Gordeev, Yu.S.** *see* Shergin, A.P. 8-62900
- Gordeev, Yu.V.** *see* Deev, V.I. 8-87383, 8-90983
- Gordelier, S.C., Parry, A.A.** An assessment of thin-layer activation for wear measurement of graphites 8-92366
- Gorden, R., Jr.** *see* Fine, J. 8-58091
- Gordienko, E.V.** *see* Kornitskii, A.G. 8-52544
- Gordienko, L.K.** *see* Simonova, T.N. 8-84883
- Gordienko, S.P.** *see* Kislyi, P.S. 8-52745
- Gordienko, U.K.** *see* Tchekaline, I.A. 8-77264
- Gordienko, V.I., Ubogii, V.P.** Reproducing by real measuring devices, the properties of spherical electromagnetic waves from combined radiating sources 8-85729
- Gordienko, V.I.** *see* Frantov, G.S. 8-78858
- Gordienko, V.M., Reshilov, A.B., Shmal'gauzen, V.I.** Stroboscopic observation of optoacoustic interactions 8-94498
- Gordienko, V.M.** *see* Gerasimov, B.P. 8-93635
- Gordienko, V.V.** Energy of geosyncline process 8-96182
- Gordienko, V.V.** *see* Bur'yakov, V.B. 8-85511
- Gordillo, T.L., Yacamán, M.J.** On the role of surface steps as epitaxial catalyst 8-79902
- Gordin, V.A.** Synthesis of optimum difference schemes on a sphere 8-93011

- Gordin, V.M.**, Mikhailov, V.O. Application of the Kolmogorov-Wiener criterion to the solution of filtration problems and separation of geophysical anomalies 8-61580
- Gordon, A.L.**, Molinelli, E., Baker, T. Large-scale relative dynamic topography of the Southern Ocean 8-85580
- Gordon, A.L.**, Nowlin, W.D., Jr. The basin waters of the Bransfield Strait 8-92831
- Gordon, A.Ya.** Soft mode contribution of the ferroelectric heat capacity 8-64338
- Gordon, A.Ya.** On phase transitions in two-dimensional ferroelectrics 8-92034
- Gordon, A.Ya.** see Belyaev, A.D. 8-91729
- Gordon, B.A.**, Nagarajan, V. Corrosion of Fe-10Al-Cr alloys by coal char 8-88573
- Gordon, B.A.**, Quirk, T.W., Anderson, H.L., Booth, N.E., Francis, W.R., Hicks, R.G., Kinison, W.W., Kirk, T.B.W., Loomis, W.A., Matis, H.S., Mo, L.W., Myrianthopoulos, L.C., Pipkin, F.M., Proudfoot, J., Sessoms, A.L., Shambroom, W.D., Skuja, A., Staton, M.A., Tao, C., Williams, W.S.C., Wilson, R., Wright, S.C. Muon scattering at 219 GeV and the proton structure functions 8-82216
- Gordon, B.E.**, Temmerman, W.M., Gyorffy, B.L., Stocks, G.M. Fermi surface of concentrated paramagnetic $\text{Cu}_x\text{Ni}_{1-x}$ alloys 8-95257
- Gordon, C.W.**, Canuto, V., Axford, W.I. (editor) Handbook of astronomy, astrophysics and geophysics, vol. I. The earth: 1. The upper atmosphere, ionosphere and magnetosphere 8-73557
- Gordon, D.E.** see Coughman, J.C. 8-53040
- Gordon, H.A.** see Goddard, M.C. 8-74284
- Gordon, H.A.** see Zemany, P.D. 8-66117
- Gordon, H.H.** see Munday, J.C., Jr. 8-65438
- Gordon, H.R.** Removal of atmospheric effects from satellite imagery of the oceans 8-73521
- Gordon, H.R.** Remote sensing of optical properties in continuously stratified waters 8-77331
- Gordon, J.G.**, II see Pockrand, I. 8-64424
- Gordon, J.M.** The calculation of critical percolation probabilities with an application to hard-sphere packing experiments 8-61063
- Gordon, J.M.** A derivation of the temperature dependence of the relaxation times of glass-forming liquids 8-83924
- Gordon, J.P.** see Liao, P.F. 8-90138
- Gordon, J.W.** see Grey, J.M. 8-65039
- Gordon, K.J.** Pulsars in the classroom: Suggested exercises for lab or homework 8-61982
- Gordon, L.** see Chu, E. 8-67386
- Gordon, M.**, Ross-Murphy, S.B. The graph-like state of matter XI. Electrical conductivity of random networks, gelation and elasticity 8-65875
- Gordon, M.A.** Determination of the spiral pattern speed of the Galaxy 8-54036
- Gordon, M.I.**, Hoch, M.J.R. Quadrupolar relaxation parameters for a ^7Li system 8-56392
- Gordon, M.S.**, Bjorke, M.D., Marsh, F.J., Korth, M.S. Second-row molecular orbital calculations. V. A minimal basis INDO for Na-Cl 8-82643
- Gordon, P.** Metal-induced embrittlement of metals—an evaluation of embrittlement transport mechanisms 8-52980
- Gordon, R.A.**, Frandsen, J.B. Comment on the determination of Fermi-liquid parameters from cyclotron-wave measurements using empirical procedures 8-60069
- Gordon, R.E.**, Strange, J.H. NMR relaxation and self-diffusion in PbF_2 8-80236
- Gordon, R.G.**, Cox, A., Harter, C.E. Absolute motion of an individual plate estimated from its ridge and trench boundaries 8-85529
- Gordon, R.J.** On the relation between three-dimensional and collinear rate constants for vibrational energy transfer 8-50611
- Gordon, R.S.** see Virkar, A.V. 8-80654
- Gordon, V.I.** see Maktaz, I.P. 8-57058
- Gordon, W.** see Wallentynowicz, E. 8-68564
- Gordon Wolman, M.**, Gerson, R. Relative scales of time and effectiveness of climate in watershed geomorphology 8-81229
- Gordov, A.N.**, Zelenyuk, V.K. Tolerated errors in determining transfer-function parameters of temperature transducers 8-73959
- Gordy, W.** see Helms, D.A. 8-55165
- Gore, D.** see Beaumont, P.W.R. 8-76753
- Gore, D.J.**, Patrick, G. The distribution and clearance of inhaled UO_2 particles on the first bifurcation and trachea of rats 8-73267
- Gore, R.**, Grun, J., Lashinsky, H. Stabilisation of drift waves by lower-hybrid fields 8-51296
- Goreaud, M.** see Labbe, P. 8-59786
- Gorelenko, A.Y.** see Borisevich, N.A. 8-74904
- Gorelik, G.E.** Horizon instability in a perturbed scalar field 8-53816
- Gorelik, G.E.** Static and near to static semi-closed configurations and cosmological term 8-93486
- Gorelik, G.E.**, Levitskiy, V.V., Pavlyukevich, N.V. Mass transfer during vapor condensation in a nonisothermal channel 8-51198
- Gorelik, G.E.**, Ozernoi, L.M. Relic radiation as a possible product of the quantum era in the expansion of the universe 8-81717
- Gorelik, V.S.**, Maksimov, O.P., Sushchinskii, M.M. Investigation of multiparticle Raman-scattering processes in crystals with the aid of a copper-vapor laser 8-95586
- Gorelik, V.S.**, Rustamov, Kh.Sh., Kuz'minov, Yu.S., Sushchinskii, M.M. Temperature dependence of Raman spectra of $\text{Ba}_{0.50}\text{Sr}_{0.50}\text{Nb}_2\text{O}_6$ crystal 8-72524
- Gorelik, V.S.**, Umarov, B.S., Faizullov, T.F., Khalezov, A.A. Investigation of the dispersion of vibrational excitations in noncentrosymmetric crystals by laser Raman spectroscopy 8-84588
- Gorelik, V.S.**, Zolotukhin, O.G., Sushchinskii, M.M. The effective cross section of combination scattering and its relation to non-linear coefficients in a GaP monocrystal 8-71152
- Gorelik, V.S.** see Sushchinsky, M.M. 8-56483
- Gorelov, D.N.** Analysis of the sound field of a large span oscillating body of revolution 8-90583
- Gorelov, V.A.**, Danilevich, A.I. Generation of high-power pulsed electron beams by glow discharge and potential applications in gas dynamic experiments 8-63515
- Goren, Y.**, Uhm, H., Davidson, R.C. Nonlinear development of the negative-mass instability and its effect on intense microwave generation 8-75285
- Goren, Y.** see Davidson, R.C. 8-67397
- Gorenflo, D.** see Bier, K. 8-90652
- Gorenshtein, M.I.** see Bogatskaya, I.G. 8-50147
- Gorenstein, M.I.** Phase transition and multiplicity distribution in Feynman gas model including Bose statistics 8-89683
- Gorenstein, M.V.**, Muller, R.A., Smoot, G.F., Tyson, J.A. Radiometer system to map the cosmic background radiation 8-61735
- Goresy, A.E.** see Bosch, F. 8-64911
- Gorey, E.F.** see Masters, B.J. 8-67747
- Gorgen, R.** see Hinterberger, F. 8-62553
- Gorgoraki, V.I.** see Alikhanyan, A.S. 8-53238
- Gorgui, M.A.**, Kassem, S.E. On the generation of short internal waves by cylinders oscillating at the surface separating two infinite liquids 8-79331
- Gorgui, M.A.**, Kassem, S.E. Basic singularities in the theory of internal waves 8-90926
- Gori, F.** Variable physical properties in laminar heating of pseudoplastic fluids with constant wall heat flux 8-90945
- Gori, F.** see De Santis, P. 8-50700
- Goridov, S.I.** see Chernyak, N.A. 8-54365
- Gorin, S.N.** see Aivazova, L.S. 8-51996
- Gorin, V.D.** see Lavrukina, A.K. 8-61695
- Gorin, Yu.P.** see Antipov, Yu.M. 8-62581
- Gorina, N.B.** see Volkenstein, N.V. 8-80138
- Goring, W.H.** Methods and instruments for measuring the thickness of layers 8-73000
- Goringe, M.J.** see Parkinson, G.M. 8-83680
- Gorini, V.** see Verri, M. 8-86813
- Goris, M.L.** Alternative displays in nuclear medicine 8-85443
- Goritskii, V.M.** Features of fatigue fracture strength and the failure of iron specimens at 77K after cyclic preloading at room temperature 8-84996
- Goritskii, V.M.**, Guseva, I.A. Influence of the size of disperse phase particles on the microstructure of cup-and-cone fracture surfaces 8-68762
- Goritz, D.** see Knispel, G. 8-79753
- Goritz, D.** see Sietz, W. 8-75554
- Gor'kov, L.P.**, Dorokhov, O.N. Disorder and single electron spectrum in a linear chain 8-56060
- Gor'kov, L.P.** see Abrahams, E. 8-91681
- Gor'kov, V.P.** see Mitrofanov, K.P. 8-94160
- Gorkunov, E.S.** see Mikheev, M.N. 8-60958, 8-95889
- Gorla, R.S.R.** Viscous dissipation effects on heat transfer in an axisymmetric stagnation flow on a circular cylinder 8-51164
- Gorla, R.S.R.** Nonsimilar axisymmetric stagnation flow on a moving cylinder 8-79297
- Gorla, R.S.R.** Transient response behavior of an axisymmetric stagnation flow on a circular cylinder due to time dependent free stream velocity 8-79298
- Gorla, R.S.R.** Rapid calculation procedure for non-Newtonian non-similar laminar boundary layers 8-90943
- Gorlach, B.A.** Determining the geometric characteristics of shells of revolution, satisfying conditions for the congruence of finite deformations 8-86160
- Gorley, P.N.** see Gavaleshko, N.P. 8-76095
- Gorlich, E.** Structure and phase transformations in glass 8-64538
- Gorlin, G.B.**, Paritskii, L.G., Ryvkin, S.M., Tulanov, V.T. Spectral sensitivity of the Herschel effect. Photo- and thermo-stimulation photographic effects 8-58082
- Gorller-Walrand, C.** see Vanquickenborne, L.G. 8-67994
- Gorman, D.J.** Free-vibration analysis of rectangular plates with clamped-simply supported edge conditions by the method of superposition 8-59340
- Gorman, D.J.** Free vibration analysis of the completely free rectangular plate by the method of superposition 8-83300
- Gorman, D.J.** see Pettigrew, M.J. 8-90770
- Gorman, J.G.** see Emtage, P.R. 8-75468
- Gorman, J.G.** see Heberlein, J.V.R. 8-87573
- Gormezano, C.** see Berk, H.L. 8-87482
- Gorn, M.** see Genz, H. 8-93890
- Gornert, P.**, Hergt, R. Growth rate anisotropy and kinetic coefficients of vicinal faces at LPE garnet films. II. Kinetic coefficients 8-63954
- Gornert, P.**, Voigt, F. Preparation and properties of garnet layers grown epitaxially from solution 8-52691
- Gornert, P.** see Hergt, R. 8-51846
- Gornick, E.** see Hu, E.L. 8-68114
- Gornik, E.**, Tsui, D.C. Cyclotron and subband emission from Si-inversion layers 8-64128
- Gornitz, Th.** see Geyer, B. 8-49632
- Gornostaeva, I.V.** see Ivanova, V.M. 8-85067
- Gornostirev, Yu.N.** see Greenberg, B.A. 8-75714
- Gornyi, M.B.** see Batygin, V.V. 8-78608
- Gorobets, B.S.**, Engoyan, S.S., Sidorenko, G.A. Investigation of uranium and uranium-containing minerals by their luminescence spectra 8-72597
- Gorobets, B.S.**, Gafit, M.L., Laverova, V.L. Photoluminescence of manganese minerals 8-84654
- Gorobets, Yu.I.**, Melikhov, Yu.V. Magnetoacoustic resonance in a magnetic bubble domain lattice 8-88161
- Gorobets, Yu.I.** see Bar'yakhtar, V.G. 8-60325
- Gorobets, Yu.I.** see Gerasimchuk, V.S. 8-56360
- Gorodetskii, K.I.** The mechanical efficiency of positive displacement hydraulic machines 8-85009
- Gorodetsky, G.**, Missel, F.P., Garland, C.W. Ultrasonic velocities near the spin-reorientation transitions in ErFeO_3 at high pressure 8-76254
- Gorodetsky, G.** see Garland, C.W. 8-71851
- Gorodinskii, G.M.**, Oreshchenko, L.P. An investigation of the scattering of KO-1 optical ceramic 8-71164
- Gorodov, A.K.** see Labuntsov, D.A. 8-90663
- Gorog, T.**, Lendvay, E. Epitaxial growth of $\text{Al}^{\text{III}}\text{B}^{\text{V}}$ semiconductors from vapour phase 8-92195
- Gorog, T.** see Gutai, L. 8-91790
- Gorokhov, V.N.** see Oleviskii, S.S. 8-92581
- Gorokhov, Yu.A.** see Ambartsumian, R.V. 8-90245
- Gorokhovskii, A.A.**, Kikas, Ya.V. Effects of saturation of the contour of a trough in inhomogeneously broadened spectra 8-76503
- Gorokhovskii, A.A.**, Rebane, L.A. Investigation of thermal broadening of zero-phonon lines in the spectra of organic impurity molecules by the hole burning method 8-71803
- Gorovaya, B.S.** see Galant, E.I. 8-88364
- Gorovoi, A.M.** see Krasnikova, G.N. 8-67797
- Gorozhankin, E.V.** see Fominskii, L.P. 8-59013
- Gorozhankin, V.M.** see Cretu, Tr. 8-74532
- Gorr, G.V.**, Koval', V.I. Necessary conditions for the existence of precessions relative to the vertical of a heavy rigid body with a fixed point 8-86139
- Gorr, G.V.** see Burlaka, P.M. 8-86132
- Gorrec, B.** see Le Gorrec, B.
- Gorse, C.**, Cacciatore, M.A., Capitelli, M. Some aspects in recombining transient nitrogen plasma 8-83521
- Gorshkov, B.M.**, Il'evskii, S.A., Kolomenskii, G.M., Kuznetsov, S.P., Kutorga, N.N., Mal'tsev, A.P., Mal'tsev, I.G., Mirzoev, K.G., Stepanov, V.B., Teplyakov, V.A., Shalashov, I.M. Startup of the URAL-15 linear proton accelerator with quadrupole RF focusing 8-82543
- Gorshkov, B.P.** Development of metrological standardization within the COMECON framework 8-89426
- Gorshkov, S.N.** see Kropachev, E.P. 8-69286
- Gorshkov, V.K.**, L'vov, L.N., Kalantarov, V.D. Method of studying changes in structure of thin samples 8-83853
- Gorshkov, V.N.** see Mukhtarov, M.A. 8-80015, 8-91595
- Gorshkov, V.N.** see Vladimirov, V.V. 8-60147
- Gorshkov, V.V.** see Bykovskii, Yu.A. 8-61097
- Gorshunov, N.M.** see Akulintsev, V.M. 8-90270
- Gorski, R.** see Sanderson, M. 8-92917
- Gorskii, S.M.**, Lebedev, V.P. Interference-phase method of ray velocity measurements in the solar atmosphere 8-65508
- Gorskii, S.M.** see Gorbacheva, I.V. 8-65509

- Gorskii, V.B.** On the Bernoulli integral and conservation of the circulation rate in polarizable or magnetizable liquids 8-87400
- Gorskii, V.V., Ivanova, E.K., Nemoshkalenko, V.V.** X-ray spectral microanalysis of carbide phases in C-Fe-Cr-V and C-Fe-Cr-Nb alloys 8-88467
- Gorskii, V.V.** *see* Nemoshkalenko, V.V. 8-52997
- Gorte, R., Schmidt, L.D.** Desorption kinetics with precursor intermediates 8-87876
- Gortemaker, F.H.** *see* de Cindio, B. 8-63457
- Gorter De Vries, H., Hoff, A.J.** Magnetic field effect on the fluorescence intensity of *Rhodospseudomonas sphaeroides* at 1.4K 8-53358
- Gorunov, V.I., Eroshkin, V.I., Makkaev, A.M., Fomenko, M.G.** Production of photographic images on photofilms containing metal carbonyls using a physical development process 8-58075
- Gorushkina, L.P.** *see* Mikhailov, R.I. 8-84780
- Goryachev, B.I., Lin'kova, N.V.** Influence of refraction on the probability of inelastic coherent scattering of cold and ultracold neutrons 8-87592
- Gor'yachev, V.A., Maizel', G.M., Sharvin, S.V.** Mechanism of the appearance of stresses of the first kind in sintered granules 8-80485
- Goryachev, V.N.** *see* Asratyan, A.E. 8-62389
- Goryachko, I.G., Zhizhin, G.V.** An experimental and analytical study of heat pipe performance 8-75033
- Goryaev, M.A.** *see* Pimenov, Yu.D. 8-89576
- Goryaga, O.G.** On the theory of synchrotron radiation by a charge in a medium 8-74826
- Goryainov, L.A.** *see* Bagdasarov, Kh.S. 8-52654
- Gorynin, I.V.** *see* Balandin, Y.F. 8-68819
- Gorynin, I.V.** *see* Fedorchenko, I.M. 8-60845
- Goryshnik, L.L.** *see* Biryukov, S.V. 8-83157
- Goryunov, A.A.** *see* Burov, V.A. 8-54200
- Goryunov, E.P., Gutner, B.M., Nelipovich, E.S., Pashkov, I.T., Pisarevskii, V.E., Temkin, A.S.** Beam interaction in a feedback-controlled accelerator 8-78527
- Goryushin, G.A.** *see* Avdonin, N.A. 8-52657
- Goryushkin, S.I., Obshvalov, V.A., Rostovtsev, A.A., Shein, Yu.V.** Instrument with automatic selection of measurement range for recording waveform of single-sweep signals 8-77889
- Gorzellik, P.** *see* Schmidt, C. 8-81958
- Gosar, P.** Macroscopic versus microscopic linear response 8-65813
- Gosavi, R.K.** *see* Strausz, O.P. 8-90076
- Goscinski, J.** *see* Ratajczyk, E. 8-49818
- Goscinski, O., Muller, J., Poulain, E., Siegbahn, H.** Fluorine core ESCA linewidths in CH_3F and CF_4 8-62841
- Goscinski, O.** *see* Howat, G. 8-50520
- Gose, W.A., Steangway, D.W., Pearce, G.W.** Origin of magnetization in lunar breccias: an example of thermal overprinting 8-61760
- Gosele, U.** Diffusion with strong drift 8-87808
- Gosele, U., Aspelting, J.** Dose dependence of impurity detrapping stages in irradiated metals 8-51582
- Goshaw, A.T.** *see* Lamsa, J.W. 8-54658
- Goshchitskii, B.N.** *see* Karkin, A.E. 8-52142
- Goshchitskii, V.N., Valiev, Z.E., Kar'kin, A.E.** Universal character of the variation in the temperature of the phase transformation of the second kind in irradiated ordered materials 8-76181
- Goshiki, K.** *see* Yamamoto, M. 8-70862
- Gos'kova, G.S.** *see* Trofimov, A.I. 8-70114
- Gosling, J.T., Asbridge, J.R., Bame, S.J., Feldman, W.C.** Solar wind stream interfaces 8-77447
- Gosling, J.T., Asbridge, J.R., Bame, S.J., Feldman, W.C.** Effects of a long entrance aperture upon the azimuthal response of spherical section electrostatic analyzers 8-89494
- Gosling, J.T.** *see* Feldman, W.C. 8-77452
- Gosling, J.T.** *see* Palmer, I.D. 8-77451
- Gosling, R.G.** *see* Laogun, A.A. 8-69229
- Gosmanova, G., Kraus, I., Nehasil, M., Saleh, H.** Contribution to an X-ray study of corrosion cracking in α -brass 8-85043
- Goss, L.P.** *see* Carreira, L.A. 8-82727
- Goss, S.A., Frizzell, L.A., Dunn, F.** Frequency dependence of ultrasonic absorption in mammalian testis 8-61213
- Goss, S.A., Johnston, R.L., Dunn, F.** Comprehensive compilation of empirical ultrasonic properties of mammalian tissues 8-88727
- Goss, W.C.** *see* Carpenter, D.G. 8-53792
- Goss, W.M., Matthews, H.E., Winnberg, A.** High-resolution observations of the W33 complex at 2.8, 6, 18 and 21 cm 8-57619
- Goss, W.M.** *see* Danziger, I.J. 8-81702
- Goss, W.M.** *see* Fosbury, R.A.E. 8-65693
- Goss, W.M.** *see* Lockhart, I.A. 8-81667
- Goss, W.M.** *see* Longmore, A.J. 8-65697
- Goss, W.M.** *see* Manchester, R.N. 8-77569, 8-77570
- Goss, W.M.** *see* Reif, K. 8-69873
- Goss, W.M.** *see* Smith, F.G. 8-93292
- Goss, W.P., Gillett, R., Hart, J.S.** A scanning electron microscope modification for simultaneous numeration of exposures 8-62266
- Goss, W.P., Kammula, K., Zub, R.W.** An integral technique for predicting wall and interfacial shear stress in turbulent, condensing, annular-mist flow 8-94812
- Gossard, A.C.** *see* Barker, A.S., Jr. 8-72510
- Gossard, A.C.** *see* Petroff, P.M. 8-72739
- Gossard, A.C.** *see* Van der Ziel, J.P. 8-52589, 8-64422
- Gossard, E.E.** The distribution of radio refractive index structure parameter in boundary layers undergoing spatial or temporal transition 8-57268
- Gossard, E.E.** The height distribution of refractive index structure parameter in an atmosphere being modified by spatial transition at its lower boundary 8-73491
- Gossard, E.E., Chadwick, R.B., Moran, K.P., Strauch, R.G., Morrison, G.E., Campbell, W.C.** Observation of winds in the clear air using an FM-CW Doppler radar 8-57271
- Gosse, J.** Transient heat conduction in a composite wall with constant properties 8-87229
- Gosselin, R.N.** *see* Pinnington, E.H. 8-55224
- Gosset, B.** A meteorological experiment of world scope: PEMG 8-77310
- Gossler, R.** Miniature digital voltmeter for battery and main supply. I 8-86289
- Gossler, R.** A miniature digital voltmeter for battery and mains operation. II 8-93723
- Gossling, C.** *see* Brasse, F.W. 8-78194
- Gossmann, E., Krings, W., Waller, H.** On suitable formulations of the method of modal analysis for numerical calculations 8-57767
- Gossner, W.** *see* Muller, W.A. 8-96069
- Gostely, J.J., Carnal, E.** The two oscillator method for dead time measurements in nuclear instruments 8-50445
- Gosteva, T.S., Dubovoi, L.V., Zabolotskaya, G.R., Ivanov, B.A., Chernobrov, V.I.** Some characteristics of the transport of a relativistic electron beam with a sub-critical current value ($v/v < 1$) in rarefied gases and plasma 8-59615
- Gostintsev, Yu.A., Sukhanov, L.A.** Interaction between convective columns over linear heat sources 8-55637
- Gostintsev, Yu.A., Sukhapov, L.A.** Convection plume over a linear fire in a polytropic atmosphere 8-96262
- Goswami, B.C.** *see* Duckett, R.A. 8-52898
- Goswami, B.N.** *see* Keshavamurty, R.N. 8-81319
- Goswami, G.K.** *see* Johri, V.B. 8-57841
- Goswami, K.** *see* Das, M. 8-63790
- Goswami, K.N., Gupta, K.** Crystallinity and topotactic reactions in synthetic gibbsite 8-63851
- Gotay, M.J.** *see* Budic, R. 8-65832
- Gotchev, B.** *see* Peatman, W.B. 8-94294
- Gotham, K.V., Scrutton, I.N.** Effect of molecular orientation on the fracture toughness of thermoplastics 8-52992
- Gotkis, A.I.** *see* Pievs'kii, I.M. 8-55617
- Gotlardi, S.** *see* Franceschi, C. 8-85855
- Gotlib, G.I.** *see* Artyukh, Yu.N. 8-77867
- Gotlib, Yu.Ya., Dobrodumov, A.V.** Kinetic model of the deformation and failure of solid polymers 8-72832
- Gotlib, Yu.Ya.** *see* Kurenbin, O.I. 8-68951
- Gotlib, Yu.Ya.** *see* Vilenchik, L.Z. 8-68950
- Goto, A.** *see* Nakamura, M. 8-54754
- Goto, A.** *see* Sakaguchi, H. 8-78297
- Goto, A.** *see* Toba, Y. 8-82336
- Goto, E., Soma, T., Idesawa, M.** Design of a variable-aperture projection and scanning system for electron beam [microfabrication] 8-74836
- Goto, E.** *see* Abe, T. 8-58537
- Goto, H., Kameda, H., Kodama, Y.** Analysis of flexural behaviour and lateral buckling of inelastic steel beams under cyclic loads 8-87283
- Goto, H., Shiozawa, T.** Relativistic solution to the problem of scattering by a rotating dielectric column 8-50681
- Goto, H.** *see* Endo, K. 8-92407
- Goto, J.** *see* Yoshimori, A. 8-60026
- Goto, K., Kawai, R.** Flow properties of epoxy resin during curing process 8-59355
- Goto, K., Koshikawa, T., Ishikawa, K., Shimizu, R.** Preferential sputtering of coevaporated Cu-Ni film associated with altered layer 8-76573
- Goto, K., Shimizu, Y., Ito, G.** Effect of environmental factors on stress corrosion cracking of 5083 alloy 8-80684
- Goto, M.** *see* Aldrovandi, R. 8-86046
- Goto, M.** *see* Dalrymple-Alford, P. 8-53289
- Goto, M.** *see* Muramatsu, K. 8-72713
- Goto, M.** *see* Tange, H. 8-76243
- Goto, N.** *see* Yashiro, K. 8-51809
- Goto, S., Kato, H.** Unstable flow of polymer solutions 8-87364
- Goto, S., Kirchheim, R., Mathuni, J., Fromm, E.** Thermotransport and thermopower of oxygen in α -hafnium 8-76055
- Goto, S.** *see* Kirchheim, R. 8-87826
- Goto, T.** Nuclear spin-lattice relaxation associated with two-magnon bound states in $S=1/2$ ferromagnetic Ising-like linear chain 8-88206
- Goto, T., Kamimura, K.** The interaction of the bi-local field with the external field 8-66030
- Goto, T., Murayama, M., Hattori, S.** Simultaneous determination of the population densities of upper and lower laser states in metal vapor lasers 8-87042
- Goto, T., Nishina, Y.** Resonant Raman scattering and luminescence in red-HgI₂ 8-84579
- Goto, T.** *see* Arai, T. 8-55344
- Goto, T.** *see* Itoh, N. 8-67713
- Goto, T.** *see* Iwasaki, T. 8-76001
- Goto, T.** *see* Kanomata, T. 8-59785
- Goto, T.** *see* Makabe, T. 8-67549
- Goto, T.** *see* Mori, M. 8-58983, 8-58989
- Goto, T.** *see* Sumino, Y. 8-92818
- Goto, Y.** *see* Koseki, K. 8-94418
- Gotoh, E.** *see* Mihara, M. 8-66453
- Gotoh, H.** *see* Sudo, S. 8-83125
- Gotoh, M.** *see* Murata, S. 8-63513
- Gotoh, T., Kimura, Y., Kurahashi, A., Yamada, A.** A consideration of distance perception in binaural hearing 8-61202
- Gotoh, T., Wakabayashi, N.** An example for activation analysis by low-level radioisotope neutron source 8-73114
- Gotou, H.** *see* Okuda, T. 8-72433
- Gotovskii, M.A.** *see* Borishanskii, V.M. 8-55643
- Gotovsky, M.A.** *see* Borishansky, V.M. 8-90987
- Gotow, K.** *see* Malbrough, D.J. 8-70570
- Gotow, K.** *see* Freedom, B.M. 8-70571
- Gotsakova, L.S., Yashin, Yu.Ya.** On plasma sounding with allowance for horizontal medium gradients and radiation pattern finiteness of a sounding device 8-59606
- Gott, J.R., III, Thuan, T.X.** Angular momentum in the Local Group 8-93400
- Gottardi, V.** *see* Carturan, G. 8-80503
- Gottdiener, L.** Derivation of the perturbation formulas for the energy in quantum mechanics 8-86051
- Gottel, P.** *see* von Egidy, T. 8-66215
- Gottesfeld, S., McIntyre, J.D.E.** Electrochromism in anodic iridium oxide films 8-80316
- Gottfried, Ch.** *see* Fidicaro, G. 8-66157
- Gottfried, K.** The spectroscopy of heavy quark-antiquark systems 8-78138
- Gottfried, K.** *see* Eichten, E. 8-78143
- Gottfried, K.** *see* Low, F.E. 8-70420
- Gottlieb, C.L.** *see* Agarwal, G.C. 8-57034
- Gottlieb, E.W., Liller, W.** The historical light curve of PKS 2134+004 a highly luminous QSO 8-54072
- Gottlieb, M., Isaacs, T.J.** Optical and acoustic properties of arsenic pentasulfide glass 8-83051
- Gottlieb, M.** *see* Fritz, I.J. 8-91327
- Gottlieb, S.** Contribution of twist-four operators to deep inelastic scattering 8-78187
- Gottmann, O.** *see* Kaatz, U. 8-52437
- Gottschalech, V., Butter, E., Jacobs, K., Kramer, P.** Liquid phase epitaxial deposition of GaP on GaAs 8-88434
- Gottschalk, T.** *see* Barger, V. 8-66106, 8-70356, 8-89656, 8-93870
- Gottso, R.A., Brooke Koffend, J., Field, R.W., Lombardi, J.R.** OODR spectroscopy of BaO. II. New observations of a 3π and $A^{1/2}\pi$ and re-examination of the Parkinson band system 8-70857
- Gottscho, R.A., Field, R.W., Lefebvre-Brion, H.** Ab initio and semiempirical estimates of PN valence state interactions 8-74567
- Gotz, W.** *see* Hendrich, J. 8-92251
- Gotze, T.** *see* Leonhardt, G. 8-52638
- Gotzmann, O., Johnson, C.E., Fee, D.C.** Attack of stainless steel by liquid and vaporized cesium hydroxide 8-68840
- Gou-Xing Liu** *see* Liu Gou-Xing
- Gouaner, M.** *see* Binon, F. 8-85804, 8-82582
- Goubau, W.M., Gamble, T.D., Clarke, J.** Magnetotellurics using lock-in signal detection 8-81104
- Goubau, W.M.** *see* Ketchen, M.B. 8-77947
- Goubin, N.** Some examples of management and processing of geological and geochemical data 8-57324
- Gouda, G.R.** *see* Roy, D.M. 8-78485
- Goudas, C.** *see* Markellos, V.V. 8-85841
- Goudas, C.L.** *see* Pande, G.C. 8-94831
- Goudie, A.** *see* Salomons, W. 8-73368
- Goudis, C., Johnson, P.G., Meaburn, J., Terrett, D.L.** The discovery of large-scale line splitting over the giant H II region IC 1318 8-96521
- Goudis, C., Meaburn, J.** Four super-giant shells in the Large Magellanic Cloud 8-86012
- Goudis, C.** *see* Elliott, K.H. 8-77593
- Gouet, J.-L.** *see* Le Gouet, J.-L.
- Gough, C.E.** *see* Forgan, E.M. 8-64167
- Gough, D.** The current state of stellar mixing-length theory 8-89178
- Gough, D.O.** Stellar convection 8-89194

- Gough, D.O., Spiegel, E.A. On taking mixing-length theory seriously 8-89179
- Gough, N.E. *see* Bothamley, P.E. 8-53603
- Gough, P. *see* Christiansen, P. 8-53774
- Gough, P.T., Thompson, B.J. Data extraction from film using optical and/or digital and/or electronic devices 8-63024
- Gough, P.T. *see* Armstrong, S.A. 8-63018
- Gough, R.A. *see* Clark, D.J. 8-78526
- Gough, R.A. *see* Stephenson, E.J. 8-70217
- Gough, T.E., Miller, R.E., Scoles, G. Sub-Doppler resolution infra-red spectroscopy of supersonic molecular beams of nitric oxide 8-86860
- Gough, T.E., Miller, R.E., Scoles, G. Infrared spectroscopy of molecular beams 8-89570
- Gough, T.E., Miller, R.E., Scoles, G. Photo-induced vibrational predissociation of the van der Waals molecule (N_2O)₂ 8-90242
- Gould, C.M., Lee, D.M. Superfluid 3He in narrow cylinders 8-95200
- Gould, C.R. *see* Weller, H.R. 8-66279
- Gould, C.R. *see* Wender, S.A. 8-70445
- Gould, G.R. *see* Eyal, Y. 8-82373
- Gould, H. *see* Dietrich, D.D. 8-82685
- Gould, H. *see* Valls, O.T. 8-87841
- Gould, R.D., Hogarth, C.A. The electrical characteristics of porous Al_2O_3 produced by anodization 8-76179
- Gould, R.G., Judy, P.F., Bjarnagard, B.E. Noise characteristics of a microchannel plate X-ray image intensifier 8-53483
- Gould, R.G. *see* Williams, J.R. 8-80929
- Gould, R.K. *see* Miller, W.J. 8-68872
- Gould, R.W. *see* Levine, B. 8-71431
- Goulding, C.A., Rogers, J.G. Measurements and calculations of reaction losses of medium-energy protons in NaI detectors 8-74540
- Goulding, C.A. *see* Beveridge, J.L. 8-62446
- Goulding, C.A. *see* Lind, V.G. 8-89913
- Gounaris, G.J., Sarantakos, S.B. Effects of rising hadronic cross sections on electromagnetic processes according to generalized vector dominance 8-93868
- Gounaris, G.J., Vergados, J.D. Neutrino-nucleus reactions and the structure of neutral currents 8-66269
- Gounaris, G.J. *see* Gaemers, K.J.F. 8-86449
- Gourdon, F. Automatic analysers and measuring stations [for air pollution] 8-81451
- Gourdon, J.C. *see* Vigouroux, B. 8-80218
- Gourevitch, S.A. *see* Katsofif, E. 8-82234
- Goursat, P. *see* Brossard, M. 8-72899
- Goursaud, S., Sizun, M., Fiquet-Payard, F. Translational energies from triatomic negative ions fragmentation 8-64809
- Gouskov, A. *see* Chevy, A. 8-86819
- Gouskov, A. *see* Girault, B. 8-80467
- Gouskov, A. *see* Gouskov, L. 8-64102
- Gouskov, L., Gouskov, A., Girault, B. Electrotropical properties of SnO_2 spray-GaSe and SnO_2 spray-GaTe heterojunctions 8-64102
- Gousset, G. *see* Brunet, A. 8-86981
- Goutis, C.E. *see* Durrani, T.S. 8-58935
- Gouttebroze, P. *see* Artzner, G. 8-93186
- Gouttefangeas, M. *see* Bieth, C. 8-55058
- Gouveia, A.D., Kurup, P.G. Probable movement of a hypothetical oil patch from the Bombay High region 8-81219
- Gouverneur, G. *see* Besse, P. 8-81030
- Goux, C. *see* Spolidor, A. 8-68705
- Gouyet, J.F. *see* Vazquez, G.J. 8-78645
- Gouzou, J., D'Haeyer, R. Measurement of microplasticity applied to the study of deformation mechanism fundamentals 8-60720
- Govaert, A. *see* Chamberlaere, D. 8-76370
- Gove, N.B. *see* Bertini, H.W. 8-70498
- Gover, A. Collective and single-electron interactions of electron beams with electromagnetic waves, and free-electron lasers 8-55330
- Govers, T.R. Comments on the use of time resolved N_2^+ ($B \rightarrow X$) emission as a probe of charge-transfer processes in $Ne-N_2$ and $He-N_2$ mixtures 8-86946
- Govers, T.R. *see* Gerard, M. 8-50632
- Govil, G. *see* Hosur, R.V. 8-80840
- Govila, R.K., Kinsman, K.R., Beardmore, P. Fracture phenomenology of a lithium-aluminum-silicate glass-ceramic 8-95797
- Govind *see* Sodha, M.S. 8-59602
- Govind, C.K. *see* De Rosa, R.A. 8-64974
- Govind, S., Wilton, D.R. An alternative surface current formulation for dielectric scattering problems 8-62991
- Govinda Raju, G.R., Gurumurthy, G.R. Electron energy distributions and transport coefficients in N_2 E×B fields 8-51277
- Govinda Raju, G.R. *see* Gurumurthy, G.R. 8-67554
- Govindacharyulu, P.A., Bose, D.N., Suri, S.K. Ionic conductivity and dielectric measurements in single crystal $\beta-AgI$ 8-87814
- Govindarajan, J., Nerenberg, M.A., Jacobs, P.W.M. Theoretical calculation of the entropy change associated with substitutional anion defects in KCl 8-79782
- Govindjee Pulsed nuclear magnetic resonance and thylakoid membranes 8-80839
- Govorkov, A.V., Dolginov, L.M., Druzhinina, L.V., Mil'vidskii, M.G., Morgulis, L.M., Osvenskii, V.B., Fishman, Yu.M., Yugova, T.G. Structural defects and luminescence in epitaxial layers of $GaAs_xSb_{1-x}$ 8-72040
- Govorkov, V.G. *see* Berezhkova, G.V. 8-60904
- Govorukhin, V.I. *see* Galun, B.V. 8-79025
- Gow, C.E., Sandford, M.T., Honeycutt, R.K. Photographs of the Orion Nebula in $H\alpha$, $H\beta$ and $He I \lambda 10830$ 8-81669
- Gow, C.E. *see* Sandford, M.T. 8-81544
- Gow, K.V. *see* Kang, S.K. 8-72956
- Gowda, B.H.L. *see* Swamy, N.V. 8-51160
- Gowda, R. *see* Ranganath, C. 8-86754
- Gowdy, C.M. Input signals for sampling and identification of ecological systems 8-69267
- Gowdy, J.N. *see* Gupta, V.N. 8-69113
- Gowdy, R.H. *see* Budic, R. 8-65832
- Gower, J.F.R., Oliver, B.M. Observations of coastal water surface currents using an airborne inertial sighting system 8-73384
- Gower, M.C., Exberger, R., Rowley, P.D., Billman, K.W. Measurements of kinetic processes in a self-sustained discharge XeF laser 8-74888
- Goworek, T., Rybka, C., Wawrzyszczuk, J. Positronium in mixed molecular crystals 8-91647
- Goworek, T. *see* Gustaw, W. 8-76551
- Goy, P. *see* Fabre, C. 8-82672
- Goyal, D.P. *see* Mozumdar, A. 8-66168
- Goyal, D.R., Lakshminarayan, K.N., Srivastava, K.K. Development of a thermal memory switch 8-89468
- Goyal, D.R., Srivastava, K.K. Dielectric behaviour of glassy As_2Se_3 8-72449
- Goyal, I.C. *see* Gupta, B.D. 8-76996
- Goyal, M.C. *see* Jain, N.C. 8-90825
- Goyal, P.S., Dasannacharya, B.A. Reorientational motion of ammonium ions in $(NH_4)_2SO_4$ and $[(NH_4)_{0.16}K_{0.84}]_2SO_4$ 8-55821
- Goyal, P.S., Dasannacharya, B.A. Reorientation motion of ammonium ions in NH_4I , $(NH_4)_{0.16}K_{0.84}I$ and $(NH_4)_{0.16}K_{0.84}Br$ 8-79542
- Goyal, R.P., Goyal, S.C. Dielectric behaviour of transition metal oxides [effective ionic charge and ionicity] 8-71703
- Goyal, S.C. Dielectric constants of the alkaline-earth chalcogenides 8-84513
- Goyal, S.C. *see* Goyal, R.P. 8-71703
- Goyal, S.C. *see* Prakash, R. 8-71781
- Goyal, S.C. *see* Sarkar, K.K. 8-60046
- Goyot, M. Hybrid impedance matching circuit for surface barrier detectors 8-90035
- Goypiro, A., de Villepin, J., Novak, A. Study of protonated acetic acid by infrared and Raman spectrometry 8-78691
- Goza, T. *see* Reynolds, G.M. 8-85743
- Graaf, A.M.de *see* de Graaf, A.M.
- Graaf, C.N.de *see* de Graaf, C.N.
- Graaf, E.A.B.de *see* de Graaf, E.A.B.
- Graaf, L.A.De *see* de Graaf, L.A.
- Graaff, C.de *see* de Graaff, C.
- Graag, D.P.De *see* de Graag, D.P.
- Grabaric, B.S. *see* Bond, A.M. 8-53292
- Grabauskas, D.V. *see* Karazyia, R.I. 8-86785
- Grabbe, C.L. Resonance cones in a bounded plasma for a finite source 8-91099
- Grabchuk, B.L. *see* Tkachenko, Yu.G. 8-60844
- Grabe, B. *see* Kappert, H.F. 8-75686
- Grabec, I. Application of correlation techniques for localization of acoustic emission sources 8-87220
- Grabec, I., Mikac, S. Dynamics of striations 8-67517
- Grabec, I. *see* Esmail, E. 8-60965
- Graben, H.W. On Jastrow wavefunctions containing attractive correlations 8-56001
- Graben, H.W. Properties of a linear lattice of atoms based on the Lennard-Jones potential 8-61997
- Grabenstetter, J.E. *see* Liu, W.-K. 8-70894
- Graber, D. *see* Justus, C.G. 8-92908
- Graber, H.D. *see* Maas, J.W. 8-66205
- Grabert, H., Hanggi, P., Talkner, P. Non-Markovian equilibrium dynamics and fluctuation-dissipation theorem 8-62157
- Grabert, H. *see* Hanggi, P. 8-54305
- Grabetz, B., Todorovic, Z., Antanasijevic, R. The recoil characteristics of fission fragments produced by interaction of high-energy α -particles with heavy nuclei 8-89925
- Grabke, H.J. *see* Bose, S.K. 8-51747
- Grabke, H.J. *see* Shatynski, S.R. 8-85024
- Grabke, H.J. *see* Tauber, G. 8-72778
- Grabmaier, J.G. *see* Aulich, H. 8-63211
- Grabmaier, J.G. *see* Aulich, H.A. 8-55480
- Grabmuller, H. On linear theory of heat conduction in materials with memory. Existence and uniqueness theorems for the final value problem 8-59266
- Grabner, E.W. *see* Dorr, R. 8-53210
- Grabner, L. Spectroscopic technique for the measurement of residual stress in sintered Al_2O_3 8-52704
- Grabovskii, V.Ya. *see* Moshkevich, L.D. 8-85075
- Grabovskii, V.J. *see* Aboltin, D.E. 8-72606
- Grabs, G.H. *see* Reichenberger, H. 8-85408
- Gracco, V. *see* Berglund, A. 8-66160
- Grace, J.R., De Lasa, H.I. Reaction near the grid in fluidized beds 8-67280
- Grace, J.R., Wairegi, T., Brophy, J. Break-up of drops and bubbles in stagnant media 8-75182
- Grace, M.A. *see* Moorhouse, T.J. 8-93965
- Grach, P.K. *see* Rogal', V.F. 8-89490
- Grach, S.M., Karashtin, A.N., Mityakov, N.A., Rapoport, V.O., Trakhtengerts, V.Yu. Thermal parametric instability in inhomogeneous plasma [ionosphere] 8-77419
- Grachev, A.B. *see* Voroshilov, B.S. 8-81987
- Grachev, A.I., Zagoruiko, S.V., Matveyev, A.K., Mordoukhovich, M.I. Some results of recording of atmospheric infrasound waves 8-65407
- Grachev, E.L., Kabanov, A.N., Kafafov, A.A., Stakhnevich, V.V. Measurement of the radiation flux parameters by the diaphragm method 8-86387
- Grachev, M.I. *see* Posvado, V.P. 8-95689
- Grachev, S.I. On the problem of radiative diffusion in a moving medium. I. Plane symmetry 8-53820
- Grachev, S.I. The problem of radiation diffusion in moving medium. II. Spherical symmetry 8-73945
- Grachev, V.K. *see* Grigor'ev, V.A. 8-94884
- Grachev, V.T. *see* Vol'nin, E.N. 8-74370
- Gracheva, I.I. *see* Vol'nin, E.N. 8-74370
- Gracheva, L.V., Tsekhomskii, V.A. Effect of temperature on the photochromic properties of silver-halide photochromic glasses 8-83057
- Grachov, S.I. Transfer of resonance radiation in an infinite isotropically expanding medium 8-61721
- Gracia, I., Elejalde, C. Boron, magnesium, chromium, manganese, iron, cobalt, nickel, lead, gallium, germanium and silicon in different sites in Vizcaya 8-57264
- Gracia, I., Elejalde, C. Sodium, magnesium, chromium, aluminium, titanium, copper, silver, zinc, cobalt and nickel in atmospheric sedimentable powders in Vizcaya 8-57265
- Gracia, A., Lachaise, J., Chabrat, P., Letamendia, L., Rouch, J., Vaucamps, C. Light beating spectroscopy measurements of micelles mutual diffusion coefficient within oil in water microemulsions in the presence of sodium chloride 8-80793
- Gracia, A., Lachaise, J., Martinez, A., Rousset, A. Interpretation of the second coefficient of the osmotic pressure of microemulsions 8-64891
- Graczyk, J., Iller, E., Kohman, L., Urbanski, T. Studies of separation processes using radiotracers 8-76896
- Graczyk, J.F. Defect structures in amorphous germanium films 8-51848
- Graczyk, J.F. Structure of argon sputtered Gd-Co and Gd-Co-Mo amorphous thin films 8-63946
- Graczyk, J.F., Chaudhari, P. Effects of ion implantation on the structure of amorphous germanium 8-55881
- Graczyk, J.F., Chaudhari, P. Microdiffraction patterns from the Finney model 8-63642
- Gradassi, R.T. Some data on the technology of the structure (MIS)InSb-SiO₂-Al 8-84715
- Gradie, J. *see* Degewij, J. 8-69724
- Gradinarsky, E.T., Daneva, P.I., Logofetova, K.G. Local defects and oxide film detection on silicon surface by electrolytic decoration 8-60896
- Gradinaru, M. *see* Weissbuch, H. 8-70952
- Gradoboeva, N.A. *see* Stefanskii, M.S. 8-71190
- Grady, D.E., Hollenbach, R.E., Schuler, K.W. Compression wave studies on calcite rock 8-81151
- Grady, L.M. Automated approach to nuclear facility safeguards effectiveness evaluation 8-82486
- Gradyushko, A.T., Solovev, K.N., Starukhin, A.S., Shulga, A.M. Electronic-vibrational interaction and mirror symmetry of the quasi-line absorption and fluorescence spectra of porphyrins. II. Deuterium substitution products of porphyrin 8-55197
- Gradyushko, A.T. *see* Solovoy, K.N. 8-62812
- Graebel, W.F., van Alphen, G.W.H.M. The elasticity of sclera and choroid of the human eye, and its implications on scleral rigidity and accommodation 8-80907
- Graebner, J. *see* Bernard, L. 8-52430
- Graebner, J.E., Golding, B. Phonon echoes and self-induced transparency in a glass 8-79710
- Graebner, J.E. *see* Golding, B. 8-71824
- Graef, M.W.M., Giling, L.J., Bloem, J. Chemical vapour deposition of silicon on a liquid tin layer 8-64479
- Graeger, V. *see* Freyhardt, H.C. 8-52167
- Graessley, W.W. *see* Marin, G. 8-63407
- Graf, D.L. *see* Anderson, D.E. 8-57224
- Graf, H., Kundig, W., Meier, P.F., Patterson, B.D. Positive muon investigation of internal fields in ferromagnetic materials 8-68438
- Graf, H. *see* Echt, O. 8-92011
- Graf, H. *see* Patterson, B.D. 8-60373

- Graf, H.D.** *see* Frey, R. 8-50154
- Graf, H.-D.,** Miska, H., Spamer, E., Titze, O., Walcher, T. High resolution electron scattering facility at the Darmstadt linear accelerator (DALINAC). I. Accelerator 8-70653
- Graf, H.-D.** *see* Schull, D. 8-70680
- Graf, H.-D.** *see* Walcher, T. 8-70679
- Graf, L.** Electronic transitions in the Raman spectra of $\text{FeCl}_2 \cdot 2\text{H}_2\text{O}$ and $\text{FeCl}_2 \cdot 2\text{D}_2\text{O}$ 8-80337
- Graf, L.,** Schaack, G. Magnon-phonon-coupling in metamagnetic $\text{FeCl}_2 \cdot 2\text{D}_2\text{O}$ 8-72530
- Graf, W.** *see* Frebel, M. 8-72795
- Grafarend, E.,** Richter, B. Threedimensional geodesy. II. The datum problem 8-61310
- Grafarend, E.,** Richter, B. The generalised Laplace condition 8-69271
- Grafarend, E.W.** The definition of the telluroid 8-65171
- Grafarend, E.W.** Three-dimensional geodesic mapping equations and the best-known figure of the Earth 8-73304
- Graff, K.,** Pieper, H. Degradation of carrier lifetime in silicon crystals at room temperature 8-95301
- Graffi, S.,** Grecchi, V. Borel summability and indeterminacy of the Stieltjes moment problem: application to the anharmonic oscillators 8-62094
- Graffi, S.,** Grecchi, V. Resonances in Stark effect and perturbation theory 8-90118
- Grafstrom, P.** *see* Aden, T. 8-86736
- Grafstrom, P.** *see* Badelek, B. 8-90011
- Grafstrom, P.** *see* Burq, J.P. 8-89741
- Grafutin, V.I.** *see* Bugaenko, V.L. 8-70980
- Graham, B.W.,** Ziemer, P.L., Landolt, R.R., Shaw, S.M. The metabolism of $^{252}\text{CfCl}_3$ in the rat and the effect of in vivo DTPA chelation therapy 8-85387
- Graham, C.D., Jr.** *see* Hatta, S. 8-95476
- Graham, C.D., Jr.** *see* Notis, M.R. 8-68220
- Graham, E.** Compressible convection 8-89183
- Graham, E.,** Moore, D.R. The onset of compressible convection 8-65605
- Graham, G.M.** *see* Caporaletti, O. 8-68166
- Graham, J.** *see* Brown, A.M. 8-88563
- Graham, J.A.** The Fourcade-Figueroa galaxy near NGC 5128 8-73758
- Graham, J.D.** *see* Burnett, L.J. 8-56390
- Graham, L.J.** *see* Pardee, W.J. 8-55504
- Graham, M.J.,** Mitchell, D.F., Channing, D.A. Thickness determination of oxide films on iron by electron back-scattering Mossbauer spectroscopy 8-72933
- Graham, N.,** Robson, J.G., Nachmias, J. Grating summation in fovea and periphery 8-69097
- Graham, R.A.,** Winer, A.M., Pitts, J.N., Jr. Pressure and temperature dependence of the unimolecular decomposition of HO_2NO_2 8-68887
- Graham, S.** *see* Colby, K.M. 8-92745
- Graham, S.A.,** Dickinson, W.R. Evidence for 115 kilometers of right slip on the San Gregorio-Hosgri fault trend 8-53641
- Graham, W.G.** *see* Olson, R.E. 8-70921
- Graham, W.R.** *see* Flahive, P.G. 8-71953, 8-75944
- Graham, W.R.** *see* Tung, R.T. 8-67895
- Grainick, S.L.** A blister divertor for Tokamaks 8-59654
- Gram, P.A.M.** *see* Lind, V.G. 8-89913
- Gram, S.** *see* Bjorno, L. 8-94504
- Grams, C.** Experimental methods for the identification of charged particles resulted from nuclear reactions 8-58564
- Grams, C.** *see* Duma, M. 8-66451
- Grams, N.** *see* Duma, M. 8-66451
- Gramaccioli, C.M.** *see* Filippini, G. 8-71811
- Gramenitsky, I.M.** *see* Dzhambusina, M. 8-89762
- Gramenitsky, I.M.** *see* Ermilova, D.I. 8-62468
- Gramiak, R.** *see* Waag, R.C. 8-73183
- Gramlich, V.,** Herbeck, R., Schlenker, P., Schmid, E.D. Raman studies on dinucleoside monophosphates. I. Sequence and temperature dependence of structure and conformation of adenine derivatives in neutral aqueous solution 8-78847
- Gramling, F.E.,** Sassone, P.G., Williams, F.E. Benefit assessment of monitoring stratospheric ozone and aerosols 8-73507
- Gramling, J.J.** Oxygen analyzers [troubleshooting] 8-69237
- Gramm, C.** *see* Parr, P. 8-59065
- Grammaticas, B.** Thomas-Fermi study of nuclei at high angular momenta 8-66197
- Grammaticos, B.** *see* Bonche, P. 8-66318
- Grammatikakis, G.** *see* Baland, J.F. 8-93911
- Grammatikakis, G.** *see* Michaelidou, C. 8-93904
- Grammatikakis, G.** *see* Rohringer, H. 8-74277
- Grammer, G., Jr.** *see* Darby, D. 8-82097
- Grammer, G., Jr.** *see* Heile, F.B. 8-74238
- Gramolina, N.O.,** Komarov, Yu.A., Krylov, V.M., Muchnik, G.F. Method of measuring concentration of electrolytes on the basis of optico-electronic devices 8-80820
- Gramz, M.** *see* Sikora, R. 8-90341
- Gran, R.,** Rossi, M.J., Sobierajski, F. Plasma position control for FTIR using modern control theory 8-50365
- Granata, G.** *see* Fidone, I. 8-55723
- Granatstein, V.L.** *see* Sprangle, P. 8-63050
- Granberg, T.A.** *see* Gold, J.H. 8-57050
- Grande, S.,** Mecke, H.-D., Shuvalov, L.A. Deuterium resonance of $\text{KD}_2(\text{SeO}_3)_2$ single crystals above and below phase transition 8-52460
- Grande, S.,** Schulz, J., Losche, A. Structural changes at the phase transition of TGS investigated by high-resolution ^{13}C -NMR 8-60344
- Grande, S.** *see* Braun, P. 8-59736
- Grande, S.** *see* Heinze, E. 8-64286, 8-64294, 8-76337, 8-87610, 8-91968
- Grande, S.** *see* Losche, A. 8-75820
- Grandi, S.A.,** Hawley, S.A. Element abundances in gaseous nebulae: A model analysis of ionization-correction formulae 8-57623
- Grandi, S.A.** *see* Wilkerson, M.S. 8-93447
- Grandin, J.P.,** Husson, X. Collisional depolarisation of the 2p levels of argon selectively excited in a discharge by a tunable laser 8-86830
- Grandin, J.P.** *see* Husson, X. 8-50509
- Grandjean, F.** *see* Lyon, W.G. 8-79781
- Grandjean, F.** *see* Paques-Ledent, M.Th. 8-80321
- Grandjean, P.** *see* Benoist, P. 8-89930
- Grandjovan, N.,** Deutsch, C. Two-body sum over states of the static screened Coulomb potential. [Two-component Debye plasma] 8-55714
- Grandolfo, M.** *see* Efendiev, Sh.M. 8-72552
- Grandpierre, A.** *see* Kovacs, I. 8-90216
- Grandt, A.F.,** Crane, R.L., Gallagher, J.P. A crack growth gauge for assessing flaw growth potential in structural components 8-68859
- Grandt, A.F., Jr.** Stress intensity factors for cracked holes and rings loaded with polynomial crack face pressure distributions 8-83335
- Graneau, P.** *see* Ames, E.E. 8-93713
- Graneli, B.** *see* Felix, F.W. 8-79634
- Granness, A.** *see* Klemm, D. 8-61029
- Granness, G.** *see* Fassler, D. 8-54470
- Granet, P.,** Mosca, L., Saudraix, J., Scheuer, J.C., Vilanova, D., Blumenfeld, H., Henri, V.P., Kesteman, J., Laurent, J., Windmolders, R., De Wolf, E., Tavernier, S., Verbeure, F., Ajinenko, I.V., Chliapnikov, P.V., Gerdjukov, L.N., Gorbunov, P.A., Perevozchikov, V.M., Rybin, A.M. Inclusive production cross sections of resonances in 32 GeV/c K^+p interactions 8-93913
- Grangaard, J.G.** *see* Devi, V.M. 8-58693
- Grange, G.** *see* Landers, R. 8-67668
- Grange, P.** *see* Berlinger, M. 8-50212, 8-70560
- Granier, V.** *see* Reau, J.M. 8-79806
- Granitskii, L.V.** *see* Bukach, A.B. 8-57457, 8-65500
- Granlund, J.,** Thompson, A.R., Clark, B.G. An application of Walsh functions in radio astronomy instrumentation 8-81539
- Grannan, D.M.** *see* Morse, W.M. 8-89858
- Granneman, E.H.A.** *see* Van der Wiel, M.J. 8-62772
- Grannemann, W.W.** *see* Ahrenkiel, R.K. 8-64348
- Grannemann, W.W.** *see* Brown, W.D. 8-80063
- Grannemann, W.W.** *see* Joh, D.Y. 8-52098
- Granovskii, A.B.** *see* Abakumov, B.M. 8-88149
- Granovskii, A.B.** *see* Vedyayev, A.V. 8-87958
- Granovskii, V.A.** Method of estimating errors in determining total dynamic characteristics of measurement facilities 8-77841
- Granovskii, Ya.I.** Generating scattering amplitude 8-50527
- Granozzi, G.** *see* Ajo, D. 8-51883
- Granqvist, C.G.** Optical properties of ultrafine gold particles 8-56529
- Granqvist, C.G.** Far infrared absorption in ultrafine metallic particles: Calculations based on classical and quantum mechanical theories 8-60454
- Granqvist, C.G.,** Hunderi, O. Optical absorption of ultrafine metal spheres with dielectric cores 8-60455
- Granqvist, C.G.,** Hunderi, O. Selective absorption of solar energy in granular metals: The role of particle shape 8-71162
- Granqvist, C.G.,** Niklasson, G.A. Ultrafine chromium particles for photothermal conversion of solar energy 8-71163
- Granqvist, C.G.** *see* Norman, S. 8-84673
- Grant, A.** *see* Baland, J.F. 8-93911
- Grant, A.** *see* Bosetti, P.C. 8-70357
- Grant, B.** *see* Gully, J.H. 8-54952
- Grant, D.A.** The effect of rotary inertia and shear deformation on the frequency and normal mode equations of uniform beams carrying a concentrated mass 8-83296
- Grant, D.M.** *see* Werbelow, L.G. 8-80238
- Grant, D.M.** *see* Zens, A.P. 8-77955
- Grant, D.M.** *see* Zilm, K.W. 8-89516
- Grant, E.R.,** Schulz, P.A., Sudbo, Aa.S., Coggiola, M.J., Lee, Y.T., Shen, Y.R. Multiphoton dissociation of polyatomic molecules studied with a molecular beam 8-82800
- Grant, E.R.** *see* Santamaria, J. 8-64815
- Grant, G.,** Kakarala, C.R., Hinton, B.M. Material selection for a sodium-heated steam generator 8-82504
- Grant, G.B.** *see* Bird, W.L. 8-55016
- Grant, I.D.R.** *see* Chisholm, D. 8-94534
- Grant, K.E.** *see* MacCracken, M.C. 8-92965
- Grant, L.O.** *see* Reynolds, D.W. 8-96259
- Grant, P.M.,** Kino, G.S. Adaptive filter based on SAW monolithic storage correlator 8-87208
- Grant, R.W.,** Waldrop, J.R., Kraut, E.A. XPS measurements of abrupt Ge-GaAs heterojunction interfaces 8-95341
- Grant, W.A.** *see* Ali, A. 8-67730
- Grant, W.A.** *see* Ashworth, V. 8-88569
- Grant, W.B.** Lidar systems for atmospheric pollution monitoring 8-53765
- Grant, W.H.** *see* Snathers, J.B. 8-96098
- Grantham, D.W.,** Wightman, F.L. Detectability of varying interaural temporal differences 8-53422
- Gravvaud, M.,** Guinot, B. The role of primary standards in establishing the International Atomic Time TAI 8-89459
- Granzer, W.,** Entermann, W., Heilbock, H. A new endogastric probe for pH-measurement 8-85452
- Grard, F.** *see* Baland, J.F. 8-93911
- Gras, J.L.,** Laby, J.E. Southern hemisphere stratospheric aerosol measurements. I. Simultaneous impactor and in situ single-particle (light scatter) detection 8-73437
- Gras-Marti, A.** *see* Littmark, U. 8-72655
- Grasberger, W.H.** *see* Post, D.E. 8-83534
- Grasenick, F.** *see* Geymayer, W. 8-54349
- Grashina, N.A.** *see* Veitsman, A.I. 8-49933
- Grashkin, G.N.** *see* Kogan, L.I. 8-53750
- Grass, F.,** Niesner, R. Rapid characterization of dust samples by neutron activation techniques, using a high rate 'loss free' counting gamma spectroscopy system 8-61129
- Grassano, U.M.** *see* Baldacchini, G. 8-66926
- Grassberger, P.** Classical charged particles with spin 8-65790
- Grassberger, P.,** Sundermeyer, K. Reggeon field theory and Markov processes 8-77774
- Grasselli, J.G.,** Wolfram, L.E. Transformed world of industrial infrared analysis 8-61091
- Grasselli, J.G.** *see* Baker, C. 8-86920
- Grasselt, H.,** Ecknig, W., Polster, H.-J. Use of gas chromatography in the design of SF_6 -insulated switching installations and devices 8-88668
- Grassi, V.** *see* Comisarow, M.B. 8-80808
- Grassi, W.** *see* Bonciani, L. 8-86246
- Grassie, A.D.C.** *see* Adanu, K.G. 8-91789
- Grassler, H.,** Honecker, R., Laven, H., Becker, L., Klein, R., Lohmann, W., Schreiber, H.J., Hodous, M.F., Kocher, D.J., Morrison, D.R.O., Wernhard, K.-L., Barnham, K.W.J., Pollock, B., Dallman, D.P., Mandl, F. Lambda polarization in inclusive K^+p interactions at 10 and 16 GeV/c 8-62466
- Grassler, H.** *see* Bosetti, P.C. 8-70357
- Grassme, W.** *see* Konig, R. 8-89552
- Grasso, V.** *see* Balzarotti, A. 8-63974
- Grathwohl, G.,** Thummler, F. Creep of reaction-bonded silicon nitride 8-56701
- Gratias, D.,** Portier, R. Conditions for equality of intensities of electron beams diffracted by twinned crystals 8-79506
- Gratias, D.** *see* Deneuille, J.-L. 8-57950
- Gratias, D.** *see* Fayard, M. 8-83829
- Gratreau, P.** Generalized Bennett equilibria and particle orbit analysis of plasma columns carrying ultra-high currents 8-83598
- Gratton, L.M.,** Paglia, S., Scattaglia, F., Cavallini, M. Infrared emission spectroscopy applied to the oxidation of molybdenum 8-68942
- Gratton, M.F.,** Woolley, J.C. Solidus isotherms and isoconcentration lines in the system Ga-In-Sb 8-56624
- Gratton, R.,** Kelly, H., Pais, V. On the properties of the plasma generated by irradiating spherical heavy targets by an electron beam 8-51321
- Gratz, E.** *see* Hilscher, G. 8-84119
- Gratz, E.** *see* Poldy, C.A. 8-72348
- Gratz, E.** *see* Steiner, W. 8-76246, 8-84426
- Gratze, S.C.** SAW oscillators-their current status 8-55542
- Gratzel, M.** *see* Humphry-Baker, R. 8-95598
- Gratzel, M.** *see* Maestri, M. 8-92603
- Grau, D.** An application of the Brillouin-Lowdin perturbation expansion: lower bounds to the energy eigenvalues of the rigid rotator in an electric field 8-62690
- Grau, J.A.** *see* Samuelson, L.E. 8-66301
- Graube, A.** Dye-sensitized dichromated gelatin for holographic optical element fabrication 8-63043
- Graue, A.** *see* Bolton, C. 8-82405

- Grauer-Carstensen, E.**, Weber, L. The examination of zinc silicate-SiO₂-structures using the LM, SEM, and PHEEM 8-80706
- Graumann, D.W.** Parametric investigation of TNS conceptual designs 8-54991
- Graupe, D.** Comments on 'Signal processing for the multistate myoelectric channel' [prosthesis control] 8-88768
- Graupe, D.**, Magnussen, J., Beex, A.A. A microprocessor system for multifunctional control of upper-limb prostheses via myoelectric signal identification 8-88766
- Grauso, L.**, Fredenslund, A., Mollerup, J. Vapour-liquid equilibrium data for the systems C₂H₆+N₂, C₂H₄+N₂, C₃H₈+N₂, and C₃H₆+N₂ 8-83929
- Gravaill, N.** A simple battery-operated a.c. impedance meter [for patient monitoring] 8-81006
- Gravas, N.**, Martin, B.W. Instability of viscous axial flow in annuli having a rotating inner cylinder 8-55631
- Gravatt, C.C.** Chemical characterization of particulates in real time by a light scattering method 8-69533
- Grave, E.de** see de Grave, E.
- Graves, J.E.** see Edwards, A.K. 8-94302
- Graves, R.** see Raju, M.R. 8-85379
- Graves, R.E.** see Eachus, R.S. 8-80219
- Graves, R.G.** see Smathers, J.B. 8-96098
- Graves, S.** On the Neyman-Pearson theory of testing 8-57728
- Graves, W.E.** New high reliability stainless-steel valve and valve trap for use in production applications 8-70140
- Gravie, R.** see Adam, J. 8-71473
- Graw, G.**, de Boer, J., Dunnweber, W., Lauterbach, C., Puchta, H., Trautmann, W., Lynen, U. The circular polarization of γ -rays, following the ¹⁶O on ⁵⁸Ni, ⁴⁰Ar and ⁸⁶Kr on Ag reactions 8-54788
- Graw, G.** see Clement, H. 8-54768
- Graw, G.** see Ho, H. 8-54786
- Gray, C.G.** Simplified derivation of the magnetostatic multipole expansion using the scalar potential 8-61995
- Gray, C.G.**, Gubbins, K.E., Twu, C.H. Perturbation theory for molecular fluids: third-order term in the Pople expansion 8-79510
- Gray, C.G.**, Nickel, B.G. Debye potential representation of vector fields 8-73797
- Gray, C.G.** see Calado, J.C.G. 8-64876
- Gray, C.G.** see Henderson, R.L. 8-55799
- Gray, C.P.** see Gerber, G.E. 8-77010
- Gray, D.D.** The laminar plume above a line heat source in a transverse magnetic field 8-67269
- Gray, E.P.**, Hart, R.W., Farrell, R.A. An application of a variational principle for scattering by random rough surfaces 8-55285
- Gray, E.W.** Cathode damage and the transition between vapour and thermionic arcs on carbon 8-71603
- Gray, G.R.** see Baynton, H.W. 8-61594
- Gray, G.W.**, Goodyby, J.W. New data on smectic materials 8-94968
- Gray, G.W.** see Emsley, J.W. 8-63671
- Gray, G.W.** see Goodyby, J.W. 8-51651
- Gray, H.R.**, Stroud, C.R., Jr. Autler-Townes effect in double optical resonance 8-66499
- Gray, J.C.**, Truhlar, D.G., Clemens, L., Duff, J.W., Chapman, F.M., Jr., Morrell, G.O., Hayes, E.F. Quasiclassical trajectory calculations compared to [quantum mechanical] [reaction probabilities], [rate constants], and [activation energies] for two different [potential surfaces] for the [collinear reaction] H₂+I→H+HI, including dependence on initial [vibrational state] 8-80733
- Gray, J.C.** see Truhlar, D.G. 8-76835
- Gray, J.E.**, Hendee, W.R. (editor) Proceedings of the Society of Photo-Optical Instrumentation Engr(s), vol.127. Application of Optical Instrumentation in Medicine. VI 8-69184
- Gray, J.O.**, Hassapis, G. Microprocessor control of a drip feed unit 8-53563
- Gray, J.W.** see Philippot, J. 8-54884
- Gray, K.E.** Enhancement of superconductivity by quasiparticle tunneling 8-76197
- Gray, K.E.**, Willemsen, H.W. Inhomogeneous state of superconductors by intense tunnel injection of quasiparticles 8-76193
- Gray, K.E.** see Willemsen, H.W. 8-91810
- Gray, L.** see Campbell, W.J. 8-81173
- Gray, L.J.** see Kaplan, T. 8-84126
- Gray, L.W.** The interactions of hydrazine, ferrous sulfamate, sodium nitrite, and nitric acid in nuclear fuel processing solutions 8-78487
- Gray, P.F.** A method of forming optical diffusers of simple known statistical properties 8-90539
- Gray, R.** see Chudobiak, W.J. 8-62178
- Gray, R.G.** see Brown, R.M. 8-82231
- Gray, R.J.** see Alper, B. 8-70414
- Gray, S.K.** see Wright, J.S. 8-80729
- Gray, S.W.** see Corcoran, M.D. 8-50054
- Gray, W.G.**, Van Genuchten, M.Th. Economical alternatives to Gaussian quadrature over isoparametric quadrilaterals 8-89317
- Gray, W.G.** see Lynch, D.R. 8-92847
- Gray, W.G.** see Brebbia, C.A. (editor) 8-92867
- Gray, W.H.**, Akin, J.E. Finite element stress analysis of orthotropic solenoids 8-55010
- Gray, W.H.**, Ballou, J.K., Stoddart, W.C.T., Churakov, G.F., Klimenko, E.Y. A preliminary structural analysis of the toroidal field coils for T-10 M 8-50374
- Gray, W.H.**, Stoddart, W.C.T., Akin, J.E. Bending free toroidal shells for Tokamak fusion reactors 8-55012
- Gray, W.H.** see Cain, W.D. 8-50373
- Gray, W.H.** see Schwall, R.E. 8-62641
- Gray, W.J.** Neutron irradiation effects on carbon and graphite cloths and fibres 8-78496
- Grayevsky, A.** see Shinar, J. 8-91533
- Grayson, L.P.**, Biedenbach, J.M. (editor) Proceedings of the Seventh Annual Frontiers in Education Conference 8-81779
- Grazhdankina, N.P.**, Bersenev, Yu, S. The effect of high pressures on the magnetic properties of chromium tellurides 8-52238
- Grazulis, V.A.**, Kveder, V.V., Osip'yan, Yu.A., Lee, Y.H., Kleinhenz, H., van Camp, H., Scholes, C.P., Corbett, J.W. ENDOR of a dislocation center in a deformed silicon 8-72434
- Graziani, M.** see Carturan, G. 8-80503
- Graziani, U.** see Ficari, P.L. 8-70606
- Grdlichko, D.P.**, Shchikh, R.B. A discharge with a hollow cathode in cesium vapors 8-71563
- Gready, J.E.**, Baskay, G.B., Hush, N.S. Finite-field method calculations. IV. Higher-order moments, dipole moment gradients, polarisability gradients and field-induced shifts in molecular properties: application to N₂, CO, CN⁻, HCN and HNC 8-74561
- Gready, J.E.**, Baskay, G.B., Hush, N.S. Comparison of multipole moment expansions by direct summation or finite-field SCF methods with full electrostatic interaction energies: application to CO and N₂ 8-74592
- Greated, C.A.** see Mullin, T. 8-87420
- Greaves, G.N.** Colour centres in vitreous silica 8-71732
- Grebenskina, V.G.**, Lesnaya, M.I. Electro- and thermophysical properties of alloys of the Zr-C-Zn system 8-60176
- Grebennik, I.L.** see Krakovyak, M.F. 8-76813, 8-92426
- Grebennik, V.S.** The character of the relationship of the echo-signal amplitude to the value of an angle-type reflector 8-53160
- Grebennik, V.S.**, Krakovyak, M.F. Ultrasonic monitoring of hardened thickness in cold-rolling rolls with low hardness gradients 8-60955
- Grebennik, V.S.**, Stefarov, V.I., Bobrov, A.A. Experimental study of the equivalent parameters of a transducer in resonance thickness measurements 8-54340
- Grebennik, V.S.** see Saitkulov, V.G. 8-72988
- Grebennikov, V.I.** see Sokolov, O.B. 8-92178
- Grebennikov, V.V.**, Makov, V.V. The choice of frequency and angle of incidence of the ultrasonic beam when testing austenitic welds in some pearlite steels 8-60950
- Grebennikov, V.V.**, Makov, V.V. Choice of transducer size in ultrasonic monitoring of austenitic welded joints 8-60961
- Grebenshchikov, S.E.** see Berzhetskii, M.S. 8-59547
- Grebenshikov, Yu.B.**, Korneev, V.V. Propagation of the 2 π -pulse in a semiconductor in crossed electric and magnetic fields 8-79079
- Grebennyuk, V.M.** see Balandin, M.P. 8-89828
- Grebowsky, J.M.**, Hoffman, J.H., Maynard, N.C. Ionospheric and magnetospheric 'plasmaphases' 8-81500
- Grebowsky, J.M.** see Chen, A.J. 8-81501
- Grebowsky, J.M.** see Kabasakal Tulunay, Y. 8-85765
- Grecchi, V.** see Graffi, S. 8-62094, 8-90118
- Grech, E.**, Malarski, Z., Romanowski, H., Sobczyk, L. Stochastic model of strong hydrogen bonds and the temperature effect on IR spectra 8-62805
- Grechannyi, O.A.** The stress-diffusion effect in heterogeneous liquid streams 8-79338
- Grechina, V.V.** see Pievs'kii, I.M. 8-55617
- Grechishkin, E.F.** see Tkachenko, Yu.G. 8-60877
- Grechishkin, V.S.** see Kirchanov, V.S. 8-64295
- Grechkin, E.T.** Investigation into three-needle magnetic induction converters 8-70165
- Grechkin, E.T.** A method of measuring the hysteresis curves of electrotechnical steels within local areas of the sheets 8-76269
- Grechkin, E.T.** Contact pickup for measuring local magnetic properties 8-77946
- Grechko, E.I.** Measurements of effective path differences for two wavelengths of light reflected by clouds 8-69447
- Grechko, G.M.** see Bruns, A.V. 8-53783
- Grechko, G.M.** see Markov, M.N. 8-69716
- Grechko, L.V.** see Vasil'ev, A.P. 8-49930
- Grechko, V.E.** see Dombeck, T. 8-82255
- Grechko, V.E.** see Dzhambusina, M. 8-89762
- Grechnev, K.V.**, Ershova, V.A., Shul'chishin, Yu.A., Sivtseva, L.D., Vasyukov, S.V., Crasnier, J., Blan, E., Sauvaud, J.-A. Mass-spectrometer measurements on satellite Aureole 2 8-53766
- Grechnev, V.T.** see Kosilov, M.S. 8-86299
- Grechushnikov, B.N.**, Veremeichik, T.F. A method for checking energy matrices of the crystal field theory 8-72123
- Grechushnikov, B.N.**, Veremeichik, T.F., Kalinkina, I.N. Analysis of spectra of Cr³⁺ impurity ions in series of crystals allowing for the Trees' correction 8-68539
- Grechushnikov, B.N.** see Chudakov, V.S. 8-59144
- Grechushnikov, B.N.** see Kachalov, O.V. 8-76470
- Grechushnikov, B.N.** see Predtechenskii, B.S. 8-52029
- Greco, F.P.** see Del Greco, F.P.
- Greco, M.** ν production from duality and the charge of the new quark 8-74224
- Greco, R.** see Costagliola, M. 8-83990
- Grecos, A.** see Prigogine, I. 8-49748
- Grecu, N.M.** see Barb, D. 8-72469
- Grecu, V.V.** see Barb, D. 8-72469
- Greday, T.** see Lambert, N. 8-84876
- Gredeski, V.M.**, Mil'ner, A.A. On the possibility of a structure with compensated magnetization of the noncollinear phase of the antiferromagnetic CsMnF₃ 8-88095
- Greedan, J.E.**, MacLean, D.A. Unusual magnetic properties of rare-earth titanium oxides RTiO₃; effect of the rare earth on the magnetic moment of titanium in La_{1-x}Y_xTiO₃ and GdTio₃ 8-84400
- Greeley, R.**, Papson, R., Veverka, J. Crater streaks in the Chryse Planitia region of Mars: early Viking results 8-65534
- Greeley, R.**, Spudis, P.D. Volcanism in the cratered terrain hemisphere of Mars 8-81576
- Greeley, R.**, see Gault, D.E. 8-65530
- Green, A.C.** see Bertoni, H.L. 8-90356
- Green, A.E.**, Naghdi, P.M. Water waves in a nonhomogeneous incompressible fluid 8-55657
- Green, A.E.**, Naghdi, P.M. On non-local continuum mechanics 8-65770
- Green, A.E.**, Naghdi, P.M. A derivation of jump condition for entropy in thermomechanics 8-87250
- Green, A.E.O.** see Borkowski, J. 8-92882
- Green, A.E.S.**, Ueda, T., Riewe, F.E. N-N GOBEP meson field theory 8-66096
- Green, A.E.S.** see Riewe, F. 8-77320
- Green, A.E.S.** see Ueda, T. 8-70459, 8-82293
- Green, A.G.**, Hall, D.H., Stephenson, O.G. A sub-critical seismic crustal reflection survey over the Aulneau batholith, Kenora region, Ontario 8-65213
- Green, A.K.**, Bauer, E. Work function and purity of the beryllium (0001) surface 8-68606
- Green, A.K.**, Prigge, S., Bauer, E. The condensation of lead on a gold {100} surface 8-91569
- Green, A.M.** Nuclear forces and isobar configurations in nuclei 8-50093
- Green, A.M.**, Niskanen, J.A., Sainio, M.E. The effect of the $\Delta(1236)$ on the imaginary component of nucleon-nucleon phase-shifts 8-70398
- Green, A.T.**, Dunegan, H.L., Tetelman, A.S. Nondestructive inspection of aircraft structures and materials via acoustic emission 8-53177
- Green, B.** see Kassim, H.A. 8-64091
- Green, B.D.** see Kennealy, J.P. 8-90163
- Green, C.A.** see Walker, A.D.M. 8-65454
- Green, D.**, Paturek, B., Healey, T., Broughton, R. Processing components for automatic sleep staging using the EEG 8-53551
- Green, D.** see Russ, J. 8-78202
- Green, D.J.**, Nicholson, P.S., Embury, J.D. Crack shape study in a brittle, non-bonded, particulate composite 8-72886
- Green, D.J.** see Chand, R. 8-86044
- Green, D.J.** see Siegel, D.P. 8-53357
- Green, D.R.** A LED system to test scintillation counter hodoscopes 8-58556
- Green, D.R.** Search for narrow states in the reaction $pp \rightarrow \pi^+ X$ at 6 GeV/c 8-89708
- Green, D.W.**, Reedy, G.T. Infrared spectra of matrix-isolated plutonium oxides 8-78681
- Green, D.W.**, Reedy, G.T. Infrared spectra of matrix-isolated plutonium nitrides 8-78690
- Green, F.H.W.** Water levels in England in recent years 8-65377
- Green, G.** see McIntyre, P. 8-53042
- Green, G.A.** A simple method for the direct comparison of acoustic emission detection systems 8-56848
- Green, G.A.**, Dingwall, P. The use of the helium gas jet in the analysis of acoustic emissions 8-80701
- Green, H.S.** Quantum mechanics of space and time 8-65796
- Green, H.S.** Quantum electrodynamics of particles with arbitrary spin 8-89637
- Green, J.A.S.** see Chen, J.M. 8-72781

- Green, J.E.** Parallel processing in a pattern recognition based image processing system: the Abbott ADC-500 differential counter 8-73282
- Green, J.F.** *see* Jackman, A.P. 8-69120
- Green, J.R.**, Margerison, D. Statistical treatment of experimental data 8-77834
- Green, K.** *see* Batty, C.J. 8-66442
- Green, L.**, Ullo, J.J. Spatial distribution measurements of fission neutrons in water as an oxygen data test 8-74417
- Green, L.** *see* Chan, Y.-D. 8-78405
- Green, L.C.** *see* Davis Philip, A.G. 8-81619
- Green, L.C.** *see* Philip, A.G.D. 8-69957
- Green, L.L.** *see* Al-Naser, A.M. 8-93960
- Green, L.L.** *see* Lister, C.J. 8-62588
- Green, M.** Atom motion in tungsten bronze thin films 8-75874
- Green, M.A.** Effects of pinholes, oxide traps and surface states on MIS solar cells 8-80055
- Green, M.G.** *see* Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Green, M.K.**, Courtney, G.R. Stereoacuity in mentally retarded and intellectually normal adolescents 8-77055
- Green, M.M.** Mass spectrometry—a sensitive probe of molecular geometry 8-86972
- Green, M.R.**, Morgan, P.D., Siegrist, M.R. A reststrahlen laser resonator for the 66 μm line of D_2O 8-55385
- Green, M.R.** *see* Seigrist, M.R. 8-79003
- Green, M.V.** *see* Borer, J.S. 8-80957
- Green, M.V.** *see* de Graaf, C.N. 8-80958
- Green, R.E.** *see* McDonnell, F.N. 8-89962
- Green, R.E., Jr.** Acoustic emission: a critical comparison between theory and experiment 8-60968
- Green, R.E.L.**, Korteling, R.G. Implications for statistical theories of fragmentation from measurements of $\text{Ag}(p,^3\text{He})$ and $\text{Ag}(p,^4\text{He})$ at intermediate proton energies 8-82347
- Green, S.** Computational test of the infinite order sudden approximation for excitation of linear rigid rotors by collisions with atoms 8-74740
- Green, S.**, Chapman, S. Collisional excitation of interstellar molecules: linear molecules CO, CS, OCS, and HC_3N 8-81664
- Green, S.**, Garrison, B.J., Lester, W.A., Jr., Miller, W.H. Collisional excitation of interstellar formaldehyde 8-89237
- Green, S.**, Ramaswamy, R., Rabitz, H. Collisional excitation of interstellar molecules: H_2 8-77586
- Green, S.** *see* Goldflam, R. 8-78802
- Green, S.** *see* Guelin, M. 8-93374
- Green, S.** *see* Heil, T.G. 8-62872
- Green, T.A.** Monitoring fuel for defects 8-86640
- Green, T.A.**, Michels, H.H., Browne, J.C. Configuration interaction studies of the HeH^+ molecular ion. IV. The triplet sigma, pi, and delta states 8-78633
- Green, T.J.** *see* Andrew, E.R. 8-68998
- Green, T.S.** *see* Leung, K.N. 8-55739
- Green, W.B.** Viking image processing 8-81554
- Green, W.B.** Applications of digital image processing techniques to problems of data registration and correlation 8-96408
- Green, W.J.**, Lawther, K.R. A study of the sensitivity of LOCA heat transfer analysis for a water-cooled reactor system 8-50246
- Green, W.R.**, Falcone, R.W. Inversion of the resonance line of Sr^+ produced by optically pumping Sr atoms 8-70798
- Green, W.V.**, Weertman, J. Point defect dislocation sink strength 8-79612
- Green, W.W.** *see* Edwards, R.G. 8-87199
- Greenan, A.F.** *see* Pook, L.P. 8-92362
- Greenaway, A.H.**, Dainty, J.C. On long-baseline amplitude interferometers in astronomical applications 8-53832
- Greenberg, A.S.** *see* Armstrong, G. 8-55992
- Greenberg, B.A.**, Gornostirev, Yu.N., Karkina, L.E., Ivanov, M.A. Phenomenological theory of plastic deformation with several types of mobile and immobile dislocations. I. Theory 8-75714
- Greenberg, J.K.** *see* Rogers, J.J.W. 8-65305
- Greenberg, J.M.** Interstellar dust 8-57624
- Greenberg, J.M.** Axisymmetric time-periodic solutions of reaction-diffusion equations 8-81930
- Greenberg, J.M.**, Hastings, S.P. Spatial patterns for discrete models of diffusion in excitable media 8-93629
- Greenberg, J.M.**, Schuerman, D.W. Optical detection of local interstellar particles during an out-of-ecliptic mission 8-85906
- Greenberg, J.S.** *see* Backe, H. 8-50197, 8-62873
- Greenberg, M.D.**, Pryor, J.N., Elban, W.L. On the formulation of the zero creep method for small diameter wires 8-52922
- Greenberg, O.W.** Structure of asymptotic fields associated with permanently confined degrees of freedom in quantum field theory 8-70331
- Greenberg, R.**, Wacker, J.F., Hartmann, W.K., Chapman, C.R. Planetesimals to planets: numerical simulation of collisional evolution 8-85861
- Greenberg, W.L.** *see* Budinger, T.F. 8-77105
- Greenberger, D.M.** Esoteric elementary particle phenomena in undergraduate physics—spontaneous symmetry breaking and scale invariance 8-54118
- Greene, A.E.** *see* Morrison, M.A. 8-57481
- Greene, A.F.** *see* Wicklund, A.B. 8-58200
- Greene, C.R.**, Wood, R.C. Sparse array performance 8-83177
- Greene, D.B.** *see* Marston, P.L. 8-91381
- Greene, E.F.**, Mason, E.A. Cutoffs and shadows in classical scattering of atoms from surfaces 8-80448
- Greene, E.F.** *see* Cardillo, M.J. 8-72675
- Greene, G.J.** *see* Levine, B. 8-71431
- Greene, G.L.** Neutron optical activity in helical antiferromagnetic materials 8-74419
- Greene, J.E.** Optical spectroscopy for glow discharge sputtering diagnostics and process control 8-72666
- Greene, J.E.** *see* Barr, T.L. 8-72028
- Greene, J.E.** *see* Eltouky, A.H. 8-87882
- Greene, J.E.** *see* Wickersham, C.E. 8-64150, 8-84098
- Greene, J.E.** *see* Zilko, J.L. 8-84711
- Greene, J.M.** *see* Chance, M.S. 8-79425
- Greene, R.L.** *see* Bickford, L.R. 8-68106
- Greenfield, I.G.** *see* Dadras, P. 8-72826, 8-72850
- Greenfield, J.C., Jr.** *see* Bonner, R.E. 8-57086
- Greenfield, M.** *see* Frieda, D. 8-53462
- Greenfield, M.** *see* Lind, V.G. 8-89913
- Greenfield, P.E.** *see* Baan, W.A. 8-54048
- Greenhalgh, D.A.** *see* Black, J.J. 8-64906
- Greenhill, J.G.** *see* Duldig, M.L. 8-69913
- Greenhouse, D.S.**, Cohn, T.E. Effect of chromatic uncertainty on detectability of a visual stimulus 8-65005
- Greenhouse, N.A.** *see* Williams, R.D. 8-57080
- Greenhow, R.C.** *see* Street, A.J. 8-73060
- Greenhut, G.K.**, Intemann, G.W. Radiative decays of the $\delta(980)$ in a vector-dominance model 8-82205
- Greenhut, G.K.** *see* Intemann, G.W. 8-82204
- Greeniaus, G.** *see* Besset, D. 8-62422
- Greeniaus, L.G.** *see* Beveridge, J.L. 8-62446
- Greeniaus, L.G.** *see* McCamis, R.H. 8-74363
- Greening, F.** *see* Betteridge, D. 8-53300
- Greening, J.R.** *see* Nahum, A.E. 8-92706
- Greenlay, W.R.A.**, Henry, B.R. The discrete excitation of nonequivalent CH oscillators—a local mode analysis of the high energy overtone spectra of the alkanes 8-78688
- Greenleaf, J.F.**, Johnson, S.A., Lent, A.H. Measurement of spatial distribution of refractive index in tissues by ultrasonic computer assisted tomography 8-69161
- Greenleaf, J.F.**, Ritman, E.L., Chevalier, P.A., Sass, D.J., Wood, E.H. Spatial distribution of pulmonary blood flow in dogs in increased force environments 8-92664
- Greenleaf, J.F.** *see* Johnson, S.A. 8-51261
- Greenough, R.D.**, Isci, C. Interferometric measurements of the anomalous thermal expansion in single crystal dysprosium and 60% gadolinium-yttrium 8-52333
- Greenslate, J.** Marine manganese concretions growth rates: non-radiometric considerations 8-61393
- Greenspan, D.** A completely arithmetic formulation of classical and special relativistic physics 8-86130
- Greenspan, E.** Catalyzed deuterium fusion-fission hybrid reactors 8-58436
- Greenspan, H.P.**, Young, R.E. Flow over a containment dyke 8-71412
- Greenspan, M.**, Breckenridge, F.R., Tschigg, C.E. Ultrasonic transducer power output by modulated radiation pressure 8-59230
- Greenspan, M.**, Hammer, D., Humphries, S., Maenchen, J., Sudan, R.N., Wiley, L. Production of focused ion beams for inertial confinement fusion by means of magnetically insulated diodes 8-50324
- Greenstadt, E.W.**, Scarf, F.L., Formisano, V., Russell, C.T., Neugebauer, M. Ion acoustic stability analysis of the Earth's bow shock 8-81506
- Greenstein, G.** *see* Harding, D. 8-65645
- Greenstein, J.L.** A high-velocity magnetic degenerate, G35-26 8-73709
- Greenstein, J.L.**, Giclas, H. An emission-line proper-motion star, GD 552 8-85943
- Greenstein, J.L.** *see* Heap, S.R. 8-96474
- Greenstein, M.**, Wolfe, J.P. Anisotropy in the shape of the electron-hole-droplet cloud in germanium 8-84146
- Greenstone, R.** The possibility that changes in cloudiness will compensate for changes in ozone and lead to natural protection against ultraviolet radiation 8-73456
- Greenwald, I.E.**, Exarhos, G.J. Vibrational studies of metal cation reduction at oxide glass surfaces 8-56797
- Greenwald, R.A.** *see* Baumjohann, W. 8-85768
- Greenwald, R.A.** *see* Cahill, L.J., Jr. 8-88971
- Greenwald, R.A.** *see* Walker, A.D.M. 8-65454
- Greenwall, M.E.** An analytical approach to wind velocity gust factors 8-88897
- Greenwell, R.A.** Fiber optics cost models for the A-7 aircraft 8-59131
- Greenwood, G.W.** Creep failure by cavitation under non-steady conditions 8-56774
- Greenwood, G.W.** Fracture during creep 8-68778
- Greenwood, J.** *see* Suski, G. 8-59034
- Greenwood, J.R.**, Campbell, D., Lacy, S., Lerche, R., Ozawa, J., Severn, J., Thompson, C. The target diagnostic system for the Shiva laser fusion facility 8-51366
- Greenwood, R.C.**, Reich, C.W., Baader, H.A., Koch, H.R., Breitig, D., Schult, O.W.B., Fogelberg, B., Backlin, A., Mame, W., Von Egid, T., Schreckenbach, K. Collective and two-quasiparticle states in ^{159}Gd observed through study of radiative neutron capture in ^{157}Gd 8-89819
- Greenwood, R.C.** *see* Helmer, R.G. 8-90015
- Greer, D.S.** Use of heuristic search to find lung boundaries in conventional tomographs 8-73240
- Greer, M.O.** *see* Collins, W.C. 8-66878
- Greer, W.L.**, Haus, J.W. Electronic Green's function for a linear crystal in a thermal gradient 8-64019
- Greger, G.** Why and how is the Federal Government of Germany promoting the utilization of Spacelab? 8-53790
- Greger, G.**, Blechert, G. Materials research and processing—new prospects for the space programme of the Federal Republic of Germany 8-88620
- Gregg, W.** The production of tabular grain shapes in metamorphic rocks 8-96199
- Greggers, U.** *see* Menzel, R. 8-69264
- Gregges, A.R.** *see* Doelman, A. 8-64901
- Greggi, J.**, Soffa, W.A. Preliminary observations of the flow and fracture of copper titanium alloy single crystals containing coherent precipitates 8-80643
- Gregoire, M.** *see* Bardet, R. 8-70634
- Gregor, W.** Limits imposed on the concentration and size of tracer particles in laser Doppler anemometry 8-59514
- Gregorczyk, W.** Practical vapour sources in the thin film evaporation technique 8-56580
- Gregorczyk, W.** Thermal evaporation techniques of thin films with uniform thickness 8-84710
- Gregorio, M.A.** *see* Bodwin, G.T. 8-94336
- Gregory, A.G.** *see* Clay, R.W. 8-74538
- Gregory, A.R.**, Gelb, A., Silvey, R. A simple quantum chemical theory of dissociative adsorption 8-73087
- Gregory, C.V.**, Lord, D.J. The Claymore code and its use for describing coolant boiling in LMFBR subassemblies 8-82473
- Gregory, E.** *see* Adam, E. 8-62642
- Gregory, E.N.** Hardfacing 8-72937
- Gregory, J.C.** Chemical conversion coatings of metals to resist scuffing and wear 8-72893
- Gregory, J.P.** *see* Meisels, G.G. 8-80776
- Gregory, L.J.** The relationship between the Einstein-Strauss and the Einstein-Kaufman unified field theories 8-73912
- Gregory, P.** *see* Derrick, M. 8-82197
- Gregory, P.** *see* Stenbacka, R. 8-54645
- Gregory, P.C.**, Taylor, A.R. New highly variable radio source, possible counterpart of γ -ray source CG135+1 8-54095
- Gregory, P.C.** *see* McCutcheon, W.H. 8-69866
- Gregory, P.E.**, Escher, J.S., Hyder, S.B., Hough, Y.M., Antypas, G.A. Field-assisted minority carrier electron transport across a p-InGaAs/p-InP heterojunction. [Photocathode] 8-95651
- Gregory, P.E.** *see* Antypas, G.A. 8-91557
- Gregory, P.E.** *see* Escher, J.S. 8-68600
- Gregory, P.H.** Distribution of airborne pollen and spores and their long distance transport 8-73466
- Gregory, R.L.** Seeing in depth 8-80878
- Gregory, R.L.** *see* Ramachandran, V.S. 8-85312
- Gregory, R.O.** *see* Sun, M.J. 8-65965
- Gregory, S.A.**, Thompson, L.A. The Coma/A1367 supercluster and its environs 8-65700
- Gregory, S.A.**, Thompson, L.A. Low mass portion of the galaxy clustering spectrum 8-81695
- Gregory, T.K.** New cesium beam frequency standards for flight and ground applications 8-57911
- Gregory, W.D.**, Dunn, R., Capots, L., Morelli, L. The dielectric constants and losses of explosive mixtures below 100 kHz 8-56422
- Gregory, W.D.** *see* Morelli, L. 8-60249
- Gregson, V.G., Jr.** *see* Roessler, D.M. 8-55393
- Grehn, M.**, Limbach, H.J., Urbaschek, B. Microkymography—a method to measure the flow velocity in the microvascular bed after endotoxin administration 8-77173

- Greif, R. An experimental and theoretical study of heat transfer in vertical tube flows 8-71332
- Greif, R. *see* Chu, K.H. 8-91060
- Greifer, A.P. *see* Stein, B.F. 8-68639
- Greig, D., Sahota, M. Thermal conductivity of extruded polyethylene 8-67873
- Greig, J.R., Koopman, D.W., Fernsler, R.F., Pechacek, R.E., Vitkovitsky, I.M., Ali, A.W. Electrical discharges guided by pulsed CO₂-laser radiation 8-71568
- Greig, W.R. *see* Fogelman, I. 8-73204
- Greim, I.A., Sheftel', M.B. Use of biquaternions in the analysis of mirror-prism systems 8-50882
- Greim, I.A., Sheftel', M.B. Mirror-prism system transformations by biquaternions 8-55426
- Grein, F. *see* Vasudevan, K. 8-50468
- Grein, W., Kroll, P. Dispersion theoretic analysis of the proton-proton helicity amplitudes at $t=0$ 8-62340
- Greiner, D.E., Bieser, F.S., Heckman, H.H. ISEE-C HKH high energy cosmic rays 8-85789
- Greiner, D.E. *see* Heckman, H.H. 8-66315, 8-70561
- Greiner, W. *see* Gupta, R.K. 8-86548
- Greiner, W. *see* Muller, A. 8-81897
- Greiner, W. *see* Muller, B. 8-50198
- Greiner, W. *see* Reinhardt, J. 8-93833
- Greiner, W. *see* Schluter, P. 8-50135
- Greiner, W. *see* Soffel, M. 8-73731
- Greiner, W. *see* Terlecki, G. 8-82384
- Greinke, R.A., Mark, H.B., Jr. Kinetic aspects of analytical chemistry 8-85216
- Grek, B. *see* Mitchel, G. 8-82945
- Grekhov, E.V., Denisov, R.I. A unit for inspecting the weld joint of furnace-welded pipe at 1000°C and higher 8-53134
- Grekov, A.A., Kramarov, S.O. Mechanical strength of ferroelectric ceramics 8-64332
- Grekov, A.A. *see* Belyaev, L.M. 8-52445
- Grekov, F.F., David, J., Guyader, J., Lang, J. Preparation of the two allotropic forms of the tetrahedral bianionic compound LiSiON 8-63726
- Grekov, N.A. *see* Arkovenko, G.I. 8-52864
- Grekov, V.F. *see* Kilin, A.A. 8-60846
- Grell, H. *see* Engelhardt, A. 8-77155
- Grella, R. *see* De Santis, P. 8-50700
- Grellmann, L. *see* Volland, H. 8-96335
- Grelot, P. *see* Bardet, R. 8-70634
- Grena, F. *see* Knoll, R. 8-85796
- Grenacs, L. *see* Brandlie, H. 8-82317
- Grenander, U. *see* Freiburger, W. 8-57156
- Grenet, G. *see* Gacon, J.C. 8-84631
- Grenier, C.G. *see* Ruthruff, T.L. 8-68025
- Grenier, C.G. *see* Tsai, C.L. 8-52012
- Grenier, G. *see* Cance, M. 8-89926
- Grenier, G. *see* Joly, S. 8-74530
- Grenier, J.-C., Menil, F., Pouchard, M., Hagenmuller, P. Mossbauer resonance studies in the CaTiO₃-Ca₂Fe₂O₇ system 8-76640
- Grenier, J.F. *see* Pousse, A. 8-80851
- Grenishin, S.G. *see* Simonenko, A.F. 8-49927
- Grenney, W.J., Teuscher, M.C., Dixon, L.S. Characteristics of the solution algorithms for the QUAL II river model 8-65348
- Grenney, W.J. *see* Bowles, D.S. 8-81248
- Grenon, R., Thers, J. Study of a supercritical profile with oscillating control surface in sub- and transonic flows 8-71357
- Grensing, D. Hubbard model with nearest- and next-nearest-neighbour hopping in the Hartree-Fock approximation 8-52189
- Grensing, D., Marsch, E., Steeb, W.-H. Magnetic and electric properties of the Hubbard model for the FCC lattice 8-56334
- Grensing, D., Steeb, W.-H. Free lattice electron gas with nearest and second nearest neighbour hopping 8-51873
- Gresho, P.M., Lee, R.L., Stullich, T.W., Sani, R.L. Solution of the time-dependent Navier-Stokes equations via FEM 8-92956
- Gresho, P.M. *see* Lee, R.L. 8-90823
- Gresillon, D. *see* Mantel, T.D. 8-59595
- Gresser, J. *see* Schultz, G. 8-58541
- Gressmann, K.-H. *see* Benndorf, C. 8-87875
- Grest, G.S. Renormalisation group approach for the two dimensional random Ising model 8-52261
- Grest, G.S., Sak, J. Low-temperature renormalization group for the Lifshitz point 8-65898
- Grest, G.S. *see* Sak, J. 8-65899
- Grest, G.S. *see* Soukoulis, C.M. 8-80162
- Gresteau, F. *see* Mazauz, J. 8-90308
- Gresteau, F. *see* Vichon, D. 8-58733
- Grether, D., Davidson, M., Weingart, J. A scenario for albedo modification due to intensive solar energy production 8-85680
- Grether, D. *see* Borreani, G. 8-82232
- Grether, D. *see* Chadwick, G.B. 8-66175
- Grether, D. *see* Davidson, M. 8-81356
- Gretillat, P. *see* Lunke, C. 8-94035
- Gretillat, P. *see* Pedroni, E. 8-66321
- Gretillat, P. *see* Perrin, C. 8-89792
- Gretskii, A.V. *see* Yalamov, Yu.I. 8-79364
- Gretskii, S.V. *see* Neshpor, G.S. 8-60907
- Greve, A. The water vapour content in the western European atmosphere obtained from infrared measurements 8-53698
- Greve, J.P. *see* De Greve, J.P.
- Greve, K.J. *see* Rauch, J.C. 8-54877
- Greve, K.S. *see* Olson, G.L. 8-53226
- Greven, K. Viscoelastic and plastic properties of visceral smooth muscles in vertebrates 8-73169
- Grevesse, N. *see* Biemont, E. 8-69757
- Grevesse, N. *see* Dumont, P.D. 8-70919
- Grevisse, Ph. *see* Demeester, M. 8-85433
- Grew, K.E., Wakeham, W.A. The thermal diffusion factor for the gaseous system He-Ne in the temperature range 65-300K 8-71418
- Grewe, H. *see* Rudiger, O. 8-92405
- Grewe, N., Entel, P., Leder, H.J. The spinless periodic Anderson model with phonons and applications to mixed valence systems 8-84153
- Grewe, N. *see* Entel, P. 8-79964
- Grewing, M., Boksberg, A., Seaton, M.J., Snijders, M.A.J., Wilson, R., Boggess, A., Bohlman, R.C., Perry, P.M., Schiffer, I.H., III, Gondhalekar, P.M., Macchetto, F., Savage, B.D., Jenkins, E.B., Johnson, H.M., Perinotto, M., Whittet, D.C.B. IUE observations of the interstellar medium 8-96524
- Grey, I.E., Bursill, L.A. High-temperature intergrowth structures in the Fe₂O₃-TiO₂ system-metal atom ordering in the intergrowth boundaries 8-79573
- Grey, J.M. Timbre discrimination in musical patterns 8-88713
- Grey, J.M., Gordon, J.W. Perceptual effects of spectral modifications on musical timbres 8-65039
- Grey, L.J., Bowlit, C. An attempt to use thermally stimulated currents in human nail to estimate dose in cases of accidental exposure to ionising radiation 8-73253
- Greynolds, A.W. *see* Lange, S.R. 8-59116
- Greytak, T.J. Light scattering from superfluid helium 8-59991
- Greywall, D.S. Specific heat of dilute solutions of ³He in ⁴He and the ³He-quasiparticle excitation spectrum 8-71901
- Gribanov, I.F., Zavadskii, E.A. Magnetic properties of Mn_{1-x}Fe_x alloys in the ground state 8-56294
- Gribble, R.F. *see* Bartsch, R.R. 8-75404
- Gribble, R.F. *see* Kutac, K.J. 8-54887
- Gribkov, V.A. *see* Aleksandrov, A.A. 8-83620
- Gribkov, V.A. *see* Veretennikov, V.A. 8-74527
- Gribkova, V.P. *see* Svidunovich, N.A. 8-53016
- Gribkovskii, V.P., Makritskii, Yu.V., Mezhevich, I.D., Pak, G.T., Ryabtsev, G.I., Yashumov, I.V. An investigation of intensified luminescence in gallium arsenide injection lasers 8-90416
- Gribnikov, Z.S. High energy asymptote of the distribution function of 'light' and 'heavy' current carriers in strong electric fields 8-72163
- Gribnikov, Z.S. Instability mechanism of homogeneous avalanche breakdown in Schottky layers 8-72262
- Gribov, B.S., Repin, N.N., Sakovich, V.A., Sakharov, V.M. Procedure of γ -raying spacecraft 8-66013
- Gribov, L.A., Godneva, M.I., Vinogradova, V.N., Godnev, I.N. Use of real symmetry coordinates in the case of groups having complex representations 8-82715
- Gribov, L.A. *see* Serov, V.V. 8-62941
- Gribov, V.N. Quantization of non-Abelian gauge theories 8-78066
- Gribova, Z.P., Tikhonov, A.N. Investigation of the state of manganese in the chloroplasts by the EPR method 8-69008
- Gribova, Z.P., Tikhonov, A.N., Ruuge, E.K. Effect of salts on the form of the EPR II signal of bean chloroplasts 8-64952
- Grice, S.T., Jordan, J.E. The respirometer—a noncommercial respiratory transducer for the EEG laboratory 8-65138
- Gridnev, G.F. *see* Artyukh, A.G. 8-89909
- Gridnev, N.P., Katsnel'son, S.S. Nonstationary 2-dimensional MHD flows in a radial channel 8-75279
- Gridnev, S.A., Darinskii, B.M. Attenuation of low-frequency oscillations in KH₂PO₄-type ferroelectric crystals 8-72474
- Gridnev, S.A. *see* Postnikov, V.S. 8-63804
- Gridnev, V.N., Gavriluk, V.G., Nemoshkalenko, V.V., Prokopenko, V.G., Razumov, O.N. Effect of alloying elements on decomposition of cementite during plastic deformation of steel 8-84768
- Gridnev, V.N., Gavriluk, V.G., Razumov, O.N. The Mossbauer effect in cold-worked steel 8-64558
- Gridnev, V.N., Oshkaderov, S.P. Increasing the strength of steel by rapid electrothermal treatment 8-84870
- Grieco, M.J. *see* Chang, C.C. 8-76783
- Grieg, W.R. *see* Fogelman, I. 8-73208
- Griell, L.C., Jr. *see* Channing Nicholas, W. 8-53048
- Griem, H.R. *see* Brooks, R.L. 8-71525
- Griem, H.R. *see* Datla, R.U. 8-51348
- Grieneisen, H.P. *see* Gallas, J.A.C. 8-78755
- Grier, D. *see* Bloess, D. 8-82552
- Gries, W.H. A new method for the determination of half-lives of long-lived radionuclides 8-70713
- Gries, W.H., Steyn, J. Determination of the half-life of ¹³⁷Cs by a new method 8-70714
- Griesmeyer, J.M., Okrent, D. A new model for nonequilibrium fission gas behavior 8-86626
- Griessell, A. *see* Franz, W. 8-87963
- Griessen, R. The stress dependence of the Fermi surface of transition metals 8-91597
- Grieve, R.A.F. Meteoritic component and impact melt composition at the Lac à l'Eau Claire (Clearwater) impact structures, Quebec 8-65314
- Grieve, R.A.F., Floran, R.J. Manicouagan impact melt, Quebec. II. Chemical interrelations with basement and formational processes 8-81165
- Grieve, R.A.F. *see* Floran, R.J. 8-81164
- Grieve, R.A.F. *see* Phinney, W.C. 8-81163
- Grif, G.I. *see* Muller, Ya.N. 8-50754
- Griffin, A. Spin fluctuations at surfaces 8-95451
- Griffin, A.A. *see* Halliday, I. 8-65563
- Griffin, A.C., Buckley, N.W. Effect of molecular structure on mesomorphism 8. A new series of trifluoromethyl liquid crystals 8-51414
- Griffin, A.C., Wertz, D.L., Griffin, A.C., Jr. Effect of molecular structure on mesomorphism. V. Comparison of methyl and trifluoromethyl as lateral substituents in the solid and nematic phases 8-51411
- Griffin, A.C., Jr. *see* Griffin, A.C. 8-51411
- Griffin, D.E. *see* D'Antonio, N.L. 8-65117
- Griffin, D.W. Studying biological effects at a distance by means of microwave interferometers 8-53469
- Griffin, D.W., Donovan, I.A., Harding, L.K. The quantitative reproduction of gamma camera pulses from video tape recordings 8-53496
- Griffin, H.C., Ahmad, I., Friedman, A.M., Glendenin, L.E. Nuclear spectroscopic studies of the 23.7 h ²⁴⁸Bk 8-78314
- Griffin, H.C. *see* Sobotka, L.G. 8-50122
- Griffin, J.A., Folkins, J., Weber, M.J., Morget, R., Lister, J.D., Gabbe, D., Linz, A. Magnetic, optical, and magneto-optical behavior of LiTbF₄ and K₂TbF₁₀ crystals 8-68484
- Griffin, J.A. *see* Weber, M.J. 8-72542
- Griffin, J.J. *see* Kan, K.-K. 8-65868
- Griffin, M.G. *see* Durig, J.R. 8-50544
- Griffin, M.J., Lewis, C.H. A review of the effects of vibration on visual acuity and continuous manual control. I. Visual acuity 8-61168
- Griffin, M.J., Whitham, E.M. Individual variability and its effect on subjective and biodynamic response to whole-body vibration 8-92672
- Griffin, M.J. *see* Lewis, C.H. 8-61169
- Griffin, M.J. *see* Parsons, K.C. 8-85461
- Griffin, P.M. *see* Bashkin, S. 8-78655
- Griffin, P.M. *see* Pegg, D.J. 8-78797
- Griffin, P.M. *see* Vane, C.R. 8-55222
- Griffin, R.F. Spectroscopic binary orbits from photoelectric radial velocities. XIX. HD 147508 8-69839
- Griffin, R.F. Spectroscopic binary orbits from photoelectric radial velocities. XX. HD 181330 8-93320
- Griffin, R.N. *see* McCreight, L.R. 8-85398
- Griffit, Kh., Bakos, L., Nagy, A.Z., Nagy, S.B. Determining the oxygen and aluminium contents of steel by fast neutron activation 8-92586
- Griffith, J.A.R. *see* Tungate, G. 8-78357
- Griffith, J.R. *see* Hunston, D.L. 8-64713
- Griffith, O.H. *see* Dam, R.J. 8-61148
- Griffith, R.V. *see* Hewitt, J.E. 8-53538
- Griffith, T.C., Heyland, G.R. Experimental aspects of the study of the interaction of low-energy positrons with gases 8-50651
- Griffith, T.D. *see* Langer, S.H. 8-92590
- Griffith, W.C. *see* Emrich, R.J. 8-89290
- Griffith, W.P., Kiernan, P.M., O'Hare, B.P., Bregeault, J.-M. Vibrational spectra of the [Re(CN)₇]⁴⁻, [V(CN)₇]⁴⁻, [Nb(CN)₈]³⁻, [Re₂(CN)₁₂]⁴⁻ and [Re₂Se₄(CN)₁₂]⁴⁻ ions 8-62803
- Griffiths, A. *see* Chester, R. 8-92853
- Griffiths, C.H. A structure model for poly(N-vinylcarbazole) incorporating both NMR and diffraction data 8-83750
- Griffiths, C.H. *see* Brillson, L.J. 8-72108
- Griffiths, D. *see* Khan, J.A. 8-51710
- Griffiths, D.F., Lorenz, J. An analysis of the Petrov-Galerkin finite element method 8-69989
- Griffiths, D.J., Szeto, E.W. Dumbbell model for the classical radiation reaction 8-49592
- Griffiths, J.E. *see* Gillen, K.T. 8-78721

- Griffiths, J.M., Whitehead, H.R. The determination of the alloying constituents of mild, low alloy and stainless steels by X-ray emission spectroscopy 8-73126
- Griffiths, J.R. *see* Owen, M.J. 8-72836
- Griffiths, P.R. *see* Gomez-Taylor, M.M. 8-73091
- Griffiths, P.R. *see* Kuehl, D. 8-70201
- Griffiths, R.B., Pearce, P.A. Position-space renormalization-group transformations: some proofs and some problems 8-93619
- Griffiths, R.B. *see* Furman, D. 8-59928
- Griffiths, R.E. *see* Gursky, H. 8-93459
- Griffiths, W.H. Further developments of diamond smoothing techniques 8-50957
- Grifols, J.A. *see* Fernandez-Pacheco, A. 8-66122
- Grigale, D.A. *see* Bochans, P.Ya. 8-52095
- Grigalis, V.Ya., Veits, B.N. X-ray fluorescence method of metal coating and foil thickness measurements in the process of their production in vacuum 8-56582
- Grigas, I. *see* Abdullin, R.S. 8-60354
- Grigas, I. *see* Brilingas, A. 8-72452
- Grigas, J. *see* Brilingas, A. 8-64335
- Grigera, J.R. An NMR study of water in barium nitroprusside dihydrate 8-52366
- Griggs, E. *see* Kim, K.C. 8-86359
- Grigolava, I.V. *see* Tikhonov, A.N. 8-69016
- Grigoleit, H.-G., Lehrach, F., Jacobi, G. Micro-rheological study of whole blood. Flow behaviour through 5 μ m pore filter under physiological and pathological conditions 8-57030
- Grigolini, P. Preparation and decay of excited molecular states: the influence of dephasing relaxation and pulse fall time 8-94200
- Grigolini, P. Intramolecular memory effects in second-order optical processes 8-94270
- Grigonis, A., Batulevicius, A., Bruzas, S., Pranevicius, L. Influence of plasma interaction on clusters formation in silicon 8-64441
- Grigonis, A. *see* Bruzas, S. 8-83840
- Grigorash, E.F. *see* Pigrova, G.D. 8-75627
- Grigorenko, Ya.M. *see* Vasilenko, A.T. 8-89341
- Grigor'ev, A.K., Kolbasnikov, N.G., Aleksandrov, A.A. The deformation and cold working of metallo-ceramic rhenium by cold rolling 8-56655
- Grigor'ev, B.A., Zal'tsman, I.G. Errors in determining the values of the heat-flux density and the unsteady-state temperature in surface films deposited on a substrate 8-75036
- Grigor'ev, B.A. *see* Rastorguev, Yu.L. 8-67305
- Grigor'ev, E.G. *see* Balankin, S.A. 8-91376
- Grigor'ev, G.I., Savina, O.N. The method of the kinetic equation for acoustic-gravity waves 8-85620
- Grigor'ev, N.B. *see* Bagotskaya, I.A. 8-61023
- Grigor'ev, O.I. *see* Berdikov, V.V. 8-92578
- Grigor'ev, O.N., Mil'man, Yu.V., Skvortsov, V.N., Ternovskii, A.P., Trefilov, V.I., Chugunova, S.I. Resistance of covalent crystals to microindentation 8-60753
- Grigor'ev, O.N. *see* Bochko, A.V. 8-60752
- Grigor'ev, P.A., Fridman, L.A., Khalileev, P.A. A magnetizing flaw-detection system for the inspection of underground pipelines 8-53103
- Grigor'ev, S.B. *see* Voronov, F.F. 8-79176
- Grigor'ev, V.A., Keramidi, A.S., Grachev, V.K., Rastorguev, Yu.L. An experimental investigation of the viscosity of sulphur hexafluoride 8-94884
- Grigor'ev, V.A. *see* Bondarenko, V.G. 8-82572
- Grigor'ev, V.I., Lubenets, E.R. Decomposition of a quasi-stationary state in the presence of non-stationary excitation 8-77769
- Grigor'ev, V.K. *see* Druzhinin, A.A. 8-82351
- Grigor'ev, V.N. *see* Eselson, B.N. 8-71902
- Grigor'ev, V.S., Polyakov, A.F., Rosnovskii, S.V. Heat transfer in pipes under conditions of supercritical pressures of the heat carrier and thermal load varying along the length 8-94820
- Grigor'ev, Yu.S. *see* Batalov, V.S. 8-83388
- Grigor'ev, Yu.V., Shanturin, L.P. Three-electrode pulsed electron gun on a current of up to 250 A 8-82553
- Grigor'eva, E.G., Latysheva, V.A., Shchukarev, S.A. Thermal capacity of aqueous solutions of perchloric acid at 25°C 8-83965
- Grigor'eva, G.M., Kolodin, L.G., Kreinin, L.B., Mukashev, B.N., Nusupov, K.Kh. Radiation defects in p-type silicon irradiated with 30 MeV protons 8-71776
- Grigor'eva, I.V. *see* Ivanov, S.I. 8-60902
- Grigor'eva, L.B. *see* Basina, Yu.V. 8-93063
- Grigor'eva, N.I. *see* Nakoryakov, V.E. 8-63427
- Grigor'eva, V.P., Kaplan, S.A. Parameters of shock waves in interplanetary space derived from observational data obtained by the Prognoz satellites 8-69636
- Grigoriadi, A.K., Fisun, O.I. Anomalous transport of ions of weakly ionized plasma in high-frequency field 8-63549
- Grigorian, Y.I. *see* Galechian, G.A. 8-67510
- Grigoriev, E.A. *see* Asratyan, A.E. 8-62389
- Grigoriev, V.A., Klimenko, V.V., Pavlov, Yu.M., Ametistov, Ye.V. The influence of some heating surface properties on the critical heat flux in cryogenic liquids boiling 8-90662
- Grigoriev, V.I. Motion picture camera devices for shooting in movement 8-93777
- Grigorieva, M.E. *see* Styricovich, M.A. 8-90908
- Grigorkin, V.I. *see* Korotushenko, G.V. 8-80539
- Grigоров, N.L. *see* Basina, Yu.V. 8-93063
- Grigоров, S.N. *see* Agashkova, N.N. 8-95850
- Grigоров, S.N. *see* Kosevich, V.M. 8-68695
- Grigоров, V.P. *see* Chernyi, S.S. 8-70650
- Grigorova, G. *see* Kozhukharov, V. 8-71680
- Grigorovich, S.L., Lygin, V.I. An investigation of sintering of microporous films of silica by the IR spectroscopy method of incomplete internal reflection and transmission 8-75967
- Grigovich, S.M. *see* Golik, L.L. 8-76175
- Grigorskaya, V.A., Basin, V.E., Khakimova, D.K., Lyubchenko, L.S., Cherepanova, E.S., Berlin, A.A. On the interrelation between microstructure and physicochemical properties of some polycarbonate systems 8-55816
- Grigoruk, V.I., Kondilenko, I.I., Tsyashchenko, Yu.P. Dynamic defect broadening of the absorption bands of intramolecular vibrations in the spectra of mixed alkali-halide crystals 8-72526
- Grigoruk, V.I. *see* Tsyashchenko, Yu.P. 8-92102, 8-92103
- Grigoryan, A.A., Kaidalov, A.B. Dispersion sum rules for Reggeon-particle scattering 8-54583
- Grigoryan, A.A., Kaidalov, A.B. On the possible existence of exotic baryon resonances with isospins $\geq 5/2$ 8-93824
- Grigoryan, F.E. Diffraction in double-layer waveguides 8-94462
- Grigoryan, G.I. *see* Arakelyan, S.M. 8-90457
- Grigoryan, L.A., Shakhbazyan, V.A. Hadron-nuclear collisions at asymptotically high energies in the theory of complex momenta with $\alpha_s \gg 1$ 8-74294
- Grigoryan, L.Sh., Saakyan, G.S. The presence of π^- mesons in heavy atomic nuclei 8-82275
- Grigoryan, S.A. *see* Levi, L.I. 8-56933
- Grigoryan, S.G., Esaibegyan, S.V., Ter-Isaakyan, N.L. On behaviour of hadronic structure functions at $x \rightarrow 1$ 8-54617
- Grigoryan, S.S., Kameneva, M.V., Shakhnazarov, A.A., Shanyan, S.A. Phenomena of reduced hydrodynamic drag of normal human blood 8-61210
- Grigoryan, V.G. One-photon absorption of light in thin quantized semiconductor films 8-60527
- Grigoryants, A.S. *see* Ginzburg, I.P. 8-83451
- Grigoryants, N.M., Kiklevich, S. Variational principles of generalized thermal conduction 8-59265
- Grigoryants, V.G. *see* Babanin, V.I. 8-67426
- Grigoryants, V.G. *see* Busygina, E.P. 8-67372, 8-67478
- Grigoryants, V.V., Zhabotinskii, M.E., Ivanov, G.A., Frantesson, A.V., Shrieber, S.V. Determination of radial refractive index profile of fiber lightguides 8-59137
- Grigoryants, V.V. *see* Alekseev, E.I. 8-49892
- Grigoryants, V.V. *see* Godik, E.E. 8-50935
- Grigoryants, V.V. *see* Gulyaev, Yu.V. 8-71225
- Grigoryants, V.V. *see* Zhabotinski, M.E. 8-66869
- Grigoryev, V.S. *see* Petukhov, B.S. 8-83479
- Grigoryeva, S.A. *see* Tepitskaja, R.B. 8-53908
- Grigull, P. *see* Behnke, J.F. 8-67499
- Grigull, R. *see* Berger, Ch. 8-62412, 8-78586
- Grigull, U. *see* Becker, H. 8-59942
- Grigull, U. *see* Bloss, S. 8-85618
- Grigull, U. *see* Kubbeck, K. 8-83450
- Grigull, U. *see* Merker, G.P. 8-94697
- Grigull, U. *see* Wohlhofer, St. 8-59858
- Grikina, O.E. *see* Stepanov, N.F. 8-58763
- Grikurov, V.E. Propagation of radio waves in a slightly inhomogeneous, stratified atmosphere 8-53710
- Grilhe, J. *see* Gaboriaud, R.J. 8-51545
- Grilikhes, M.S. *see* Kudryavtsev, E.K. 8-95933
- Grilitskii, D.V. *see* Podstrigach, Ya.S. 8-90547
- Grill, E., Guzzi, M., Anedda, A., Raga, F., Serpi, A. Fundamental optical constants of CdIn_2S_4 8-84549
- Grill, E.V. The effect of sediment-water exchange on manganese deposition and nodule growth in Jervis Inlet, British Columbia 8-96187
- Grill, W. *see* Bron, W.E. 8-63817, 8-83892
- Griller, D. *see* Brunton, G. 8-90192
- Grillo, A. *see* Bouchaib, P. 8-72027
- Grillo, A.C. *see* Diebold, A. 8-73110
- Grim, S.O., Shah, D.P. Temperature dependence of mercury-199-phosphorus-31 nuclear spin-spin coupling 8-62825
- Grimaldi, A. *see* Como, M. 8-71285
- Grimbert, D., Lavallee, M., Nitzan, A., Tramer, A. Mechanism of collision-induced intersystem crossing in CO 8-74689
- Grimble, R.E. *see* Chi, J.W.H. 8-74481
- Grimes, C.C. Electrons in surface states on liquid helium 8-60006
- Grimes, D.L., Flowers, W.C., Donath, M. Feasibility of an active control scheme for above knee prostheses 8-81081
- Grimes, D.M. Radiant-energy exchange by small objects using continuum fields 8-82894
- Grimes, N.W., O'Connor, P.J., Thompson, P. Comments on the interpretation of the infrared spectrum from MgAl_2O_4 spinel 8-76454
- Grimes, R.N. *see* Weiss, R. 8-62826
- Grimes, S.M., Haight, R.C., Anderson, J.D. Charged-particle-producing reactions of 15-MeV neutrons on ^{51}V and ^{93}Nb 8-50171
- Grimley, A.J., Houston, P.L. Electronic to vibrational energy transfer from $\text{I}(5^2\text{P}_{1/2})$. I. HCl, HBr, and NO 8-66579
- Grimley, A.J. *see* Houston, P.L. 8-63113
- Grimley, A.J. *see* Wurzburg, E. 8-80721
- Grimley, R.T., Forsman, J.A., Grindstaff, Q.G. A mass spectrometric study of the fragmentation of the lithium fluoride vapour system 8-70944
- Grimley, T.B. *see* Doyen, G. 8-95668
- Grimm, H., Fitzgerald, W.J. Neutron-scattering study of the improper ferroelectric phase transformation in $\text{RbH}_3(\text{SeO}_3)_2$ 8-80302
- Grimm, M. *see* Holder, M. 8-55103
- Grimm, P. *see* Amberger, E. 8-84341
- Grimm, R.C. *see* Chance, M.S. 8-79425
- Grimm, R.J. Squeezing flows of polymeric liquids 8-83434
- Grimmeiss, H.G. *see* Fagerstrom, P.O. 8-72190, 8-72249
- Grimmer, D.P., Herr, K.C., McCreary, W.J. Possible selective solar photothermal absorber: Ni dendrites formed on Al surfaces by the CVD of $\text{Ni}(\text{CO})_4$ 8-52683
- Grimouille, G. *see* Joukoff, B. 8-68617
- Grimsditch, M., Senn, W., Winterling, G., Brodsky, M.H. Brillouin scattering from hydrogenated amorphous silicon 8-72538
- Grimsditch, M. *see* Chang, P.H. 8-92085
- Grimsditch, M. *see* Winterling, G. 8-80354
- Grimsditch, M.H., Anastassakis, E., Cardona, M. Effect of uniaxial stress on the zone-center optical phonon of diamond 8-91399
- Grimsditch, M.H. *see* Chandrasekhar, M. 8-65951
- Grimshaw, R. *see* Collings, I.L. 8-94638
- Grimshaw, R.H.J. Long nonlinear internal waves in channels of arbitrary cross-section 8-63442
- Grimrud, E. Vacuum envelope for high pressure mass spectrometry applications 8-61077
- Grimvall, G. High-temperature thermophysical properties of Ti, Zr and Hf 8-91404
- Grimwood, C. *see* Kinney, R.A. 8-73520
- Grimwood, G.C., Evetts, J.E., Campbell, A.M. Rotational hysteresis in polycrystalline alloys 8-91889
- Grin, V.F., Sal'kov, E.A., Tarbaev, N.I., Shepel'skii, G.A. Alteration in the edge emission spectrum of CdS subjected to a threshold uniaxial stress 8-72486
- Grin, V.P., Medzhitova, Z.A., Serebryanskaya, T.Ya. Spatial distribution of the focal parameters of weak earthquakes in the territory of the Chu basin and their relationship with strong earthquakes 8-61348
- Grin', Yu.G., Karamzin, Yu.N., Sukhorukov, A.P. Longitudinal deviation from phase matching in the generation of a second harmonic of CW laser radiation 8-59085
- Grin', Yu.N. *see* Kripyakevich, P.I. 8-59009
- Grinberg, A.A. Energy spectrum of an electron placed in the field of a small-radius potential well and an attractive Coulomb potential 8-56059
- Grinberg, J., Bleha, W.P., Braatz, P.O., Chow, K., Close, D.H., Jacobson, A.D., Little, M.J., Masetti, N., Murphy, R.J., Nash, J.G., Waldner, M. Liquid-crystal electro-optical modulators for optical processing of two-dimensional data 8-79141
- Grinberg, J., Marom, E. Optical subtraction of images in real time 8-74856
- Grinberg, J. *see* Bleha, W.P. 8-83102
- Grinberg, N.M., Aleksenko, E.N. Fatigue failure of silicon iron in air and in vacuum 8-68789
- Grinberg, O.Ya. *see* Galkin, A.A. 8-86311
- Grinberg, Ya.Kh. *see* Alikhanyan, A.S. 8-53238
- Grinchuk, A.P. *see* Vil'kotskii, M.A. 8-62209
- Grinchuk, V.A. *see* Delone, G.A. 8-66526
- Grinda, M., Weiss, C.O. New far infrared laser lines from CD_3OH 8-79005
- Grindborg, J.E. *see* Rapp, O. 8-68005
- Grindhammer, G. *see* Brandelik, R. 8-62416
- Grindlay, J.E. Diffuse γ -ray background from Seyfert galaxies 8-57700
- Grindlay, J.E., McClintock, J.E., Canizares, C.R., van Paradijs, J., Cominsky, L., Li, F.K., Lewin, W.H.G. Discovery of optical bursts from an X-ray burst source, MXB 1735-44 8-81708
- Grindlay, J.E. *see* Canizares, C.R. 8-93335
- Grindlay, J.E. *see* Parsignault, D.R. 8-81716
- Grindlay, J.E. *see* Schrijver, J. 8-96563

- Grindley, T., Lind, J.E., Jr. The residual energy and entropy of hydrocarbon liquids and their relation to the liquid surface 8-71869
- Grindstaff, Q.G. see Grimley, R.T. 8-70944
- Grinenko, A.A. see Butylkin, J.P. 8-70946
- Grinev, G.G. see Galkin, A.A. 8-53115
- Grinfeldt, A.E. see Schagina, L.V. 8-56957
- Gringauz, G.D., Zhichina, N.I., Kalyuta, A.A., Kuznetsov, A.P. Effect of high-temperature aging on the endurance of thin-walled joints made of alloy AK4-IT1 8-80570
- Gringauz, K.I. see Verigin, M.I. 8-96418
- Gringel, W., Muhleisen, R. Sahara dust concentration in the troposphere over the North Atlantic derived from measurements of air conductivity 8-92897
- Grinin, V.P. Formation of spectral lines in stellar envelopes at radial-symmetric accretion 8-57544
- Grinin, V.P. The transfer of resonance radiation in moving media with large-scale radiative coupling 8-93088
- Grimman, A.M. see Golt'dman, A.Ya. 8-64601
- Grinshtein, I.L. see Katskov, D.A. 8-85279
- Grinshtein, P.M., Lototskii, A.G., Morgulis, L.M., Orlov, P.B., Petrovskii, V.I., Fistul', V.I. Role of the surface in the decomposition of supersaturated semiconducting solid solutions 8-51681
- Grinstein, F.F. see Garibotti, C.R. 8-49707, 8-81805
- Grinter, R. see El-Kourashy, A.-G. 8-94268
- Grintsov, A.S., Frage, N.R., Gurevich, Yu.G., Uvarova, I.V. Thermodynamic equilibrium in the Mo-Fe-O-H system 8-60657
- Griolet, C.P., Hassan, H.A., Damerchy, M.S.A. An application of the chloride contents in ground water leading to Miocene aquifer isopermeability map, west of Najaf City 8-81256
- Grioli, A.C. A reciprocity theorem for microstructures with finite deformations 8-81836
- Griqor'ev, G.I., Dokuchaev, V.P. Generation mechanisms of acoustic-gravity waves in the Earth atmosphere 8-85621
- Grisaru, M.T. see Abbott, L.F. 8-74177
- Grisaru, M.T. see De Wit, B. 8-78127
- Grisaru, M.T. see Ferrara, S. 8-74198
- Grisaru, M.T. see Nielsen, N.K. 8-93588
- Grishchenko, G.A., Petrusenko, S.K., Tregub, I.G., Tret'yakova, G.V., Tychina, I.I. Phosphorus vacancies in ZnGeP₂ single crystals 8-71729
- Grishchowsky, D.R. Narrow-band tunable infrared laser at 823 cm⁻¹ (12.1 μ) 8-63069
- Grishchowsky, D.R., Loy, M.M.T. Parametric generation of 823 cm⁻¹ radiation in NH₃ 8-63151
- Grishaev, I.A. see Batgin, Yu.V. 8-70654
- Grishaev, I.A. see Vishnyakov, V.A. 8-70655
- Grisham, L.R. see Wheaton, J.H. 8-66743
- Grishchenko, G.A., Krasnolob, N.P., Mozol', P.E., Patskun, I.I., Tychina, I.I. Photoconductivity of ZnSiP₂ under laser excitation 8-84258
- Grishchenko, G.A., Lyubchenko, A.V., Tychina, I.I. Recombination processes in p-type ZnSiP₂ single crystals 8-68053
- Grishchenko, G.A. see Gorbán, I.S. 8-84217
- Grishchenko, T.G. see Gerashchenko, O.A. 8-85385
- Grishchikina, S.P., Zhokhovets, S.V., Shotov, A.P. Ferroelectric nature of the phase transition in Pb_{1-x}GexTe 8-88269
- Grishin, A.M., Kaner, E.A., Tarasov, Yu.V. Resonance absorption of Rayleigh sound by surface electrons in metals 8-71924
- Grishin, A.M., Yakimov, A.S. Influence of spreading of the two-phase film of the melt and of radiation on the characteristics of heat and mass exchange, ignition and combustion of polymethylmethacrylate 8-76861
- Grishin, A.M. see Galkin, A.A. 8-79981
- Grishin, G.A. Structure of baroclinic Rossby waves in a flow with the vertical shear 8-85602
- Grishin, S.D., Lisitsin, V.I., Marakhtanov, K.K., Marakhtanov, M.K. Emission current density in a hollow arc cathode 8-76574
- Grishin, S.F., Kovalenko, V.A., Grishina, E.Ya., Kimos, A.N., Chernyshenko, V.Ya. Helium condensation forevacuum pump 8-86282
- Grishin, S.G. see Martynenko, V.G. 8-86281
- Grishin, V.G. see Angelov, N.S. 8-89922
- Grishin, V.G. see Dombeck, T. 8-82255
- Grishin, V.K. Maximum beam current for single-mode oscillations in a slow-wave structure 8-71024
- Grishina, E.Ya. see Grishin, S.F. 8-86282
- Grishkevich, L.V. see Benediktov, E.A. 8-61652
- Grishko, V.G. see Bilan, V.N. 8-64802
- Grishko, V.G. see Troschenko, V.T. 8-64800
- Grishkov, A.I. Application of the Fourier method in the investigation of stresses in the plastic zone during rolling under plane strain conditions 8-80555
- Grishkov, A.I. Study of stresses in asymmetrical processes in rolling under conditions of two-dimensional strain 8-94601
- Gristchenko, T.G. see Gerastchenko, O.A. 8-94505
- Gritsenko, V.A., Dikovskaja, N.D., Mogilnikov, K.P. Band diagram and conductivity of silicon oxynitride films 8-84333
- Gritsenko, V.A., Meerson, E.E., Sinita, S.P. Unsteady silicon nitride conductivity in high electric fields 8-76152
- Gritsenko, V.A., Mogil'nikov, K.P., Rzhanov, A.V. Anomalous scattering of photo-injected electrons in amorphous film 8-52642
- Gritskova, I.A. see Baikova, S.A. 8-53266
- Gritsyna, V.V. see Kiyan, T.S. 8-55140
- Gritton, D.G. see Gagnon, W.L. 8-55015, 8-59038
- Gritton, D.G. see Rupert, P.R. 8-54935
- Grivtsov, A.G. see Yushchenko, V.S. 8-51790
- Grizhko, V.M. see Vishnyakov, V.A. 8-70655
- Grjothheim, K., Naterstad, T., Korkle, K.E., Oye, H.A. Tracer diffusion coefficients in molten salts. I. Methods 8-71873
- Grjothheim, K. see Forland, T. 8-53243
- Gr'ncharova, E.I. Nuclear spin relaxation due to interaction with electrons in gapless semiconductors 8-56398
- Grob, A. see Muller, J.C. 8-63784, 8-88481
- Grob, J.J. see Muller, J.C. 8-63784, 8-88481
- Grobe, R., Heidner, D. Modulation of laser diodes with 1 ns pseudo-random impulses 8-50836
- Grobé, R. see Edwards, R.T. 8-82393
- Grobé, P., Van Gerven, L., Van den Bosch, A. The spin magnetism of α,α'-diphenyl-β-picrylhydrazyl (DPPH) 8-70963
- Grobman, W.D. Angle-resolved photoemission from molecules in the independent-atomic-center approximation 8-84701
- Grobman, W.D. see Luth, H. 8-72699
- Grobosky, K., Harmon, B.N. Spin-wave temperature dependence of gadolinium 8-68199
- Grochulski, T., Leibler, K., Sienkiewicz, A. Magnetic resonance in MnTe at high hydrostatic pressures 8-76247
- Grodikiewicz, W.A. see Barnes, P.A. 8-71113
- Grodikiewicz, W.H. see LeCraw, R.C. 8-91706
- Grody, N.C. see Rosenkranz, P.W. 8-73436
- Grodzins, L. Supply and demand for PhD physicists, 1975 to 1986 8-62038
- Grodzinskii, E.V. see Artemenkov, L.I. 8-91160
- Grodzinsky, A.J., Eisenberg, S.R. Double layer mediated conversion with a protein membrane using an imposed frequency and wavelength 8-88695
- Grodzinsky, A.J., Lipshitz, G., Glimcher, M.J. Electromechanical properties of articular cartilage during compression and stress relaxation 8-92667
- Groeger, J. see McEvily, A.J. 8-63392
- Groen, F.C.A. see van Zee, G.A. 8-92755
- Groen, G. see Ooms, G. 8-51257
- Groendijk, H. see Van Kessel, H.J. 8-54393
- Groeneveld, D.C. see Cheng, S.C. 8-89961
- Groeneveld, J., Boel, R.J., Kasteleyn, P.W. Correlation-function identities for general planar Ising systems 8-93616
- Groeneveld, K.O. see Nottrodt, K.H. 8-85237
- Groeneveld, K.O. see Schader, J. 8-55254, 8-62889
- Groeneveld, K.-O. see Mann, R. 8-86838
- Groeneveld, W.L. see Engelfriet, D.W. 8-72336
- Groenveld, D.C., Young, J.M. Film boiling and rewetting heat transfer during bottom flooding of a hot tube 8-94094
- Groenveld, D.C. see Lee, Y. 8-94095
- Groer, P.G. see Marshall, J.H. 8-96091
- Grogans, R.M. Fulton's orrery 8-69695
- Groger, W. see Duren, R. 8-58769
- Grogard, R.J.M. Entropy and the spontaneous emission of plasma waves 8-69677
- Grogor'ev, A.N., Nikolaichuk, L.I., Pivovarov, L.I. Obtaining defect-free surfaces on single crystals by vibratory polishing 8-80659
- Groh, K.H., Walther, S.E. Current distribution of a hollow cathode arc discharge 8-67537
- Groh, K.H., Walther, S.E., Loeb, H.W. Probe measurements in a hollow cathode arc 8-87533
- Groh, P. see Cottu, J.P. 8-84949
- Groh, R., Millner, T., Bartha, L. Influence of Li atoms on the texture of oxidized tungsten wire 8-64644
- Grojean, R.E., Sousa, J.A., Roach, J.F., Wyner, E.F., Nakashima, M. Remote pollution probing by laser-induced luminescence techniques 8-81442
- Grolrier, J. see Hucher, M. 8-51458
- Gromb, S. see Bonnecaze, G. 8-84237
- Gromes, D. see Bender, I. 8-62117
- Gromitskaya, E.L. see Voronov, F.F. 8-75704
- Gromme, S. see Coe, R.S. 8-61324
- Gromov, A.K., Lyznev, A.A., Kopylov, Yu.L., Kravchenko, V.B. The temperature dependence of the thermochemical constant W of phosphate glasses 8-88286
- Gromov, D.A. see Arushanov, S.Z. 8-53007
- Gromov, K.Y. see Adam, J. 8-74334
- Gromov, K.Ya. see Alikov, B.A. 8-82562
- Gromov, K.Ya. see Cretu, Tr. 8-74532
- Gromov, S.N., Pasechnik, L.L., Semenyuk, V.F. About the mechanism of electron heating in a magnetized plasma under the conditions of plasma wave modulation instability 8-75384
- Gromov, V.E. see Gurevich, L.I. 8-59817
- Gromov, Yu.V., Zykin, L.M., Kalinin, V.P., Leonov, B.I., Petrov, B.E., Rudovskii, B.P., Smirnov, O.P. Radiation defectoscopy of nuclear power station units by means of a microtron 8-70603
- Gromova, G.P. see Nazarov, V.F. 8-80530
- Gromovoi, Yu.S. see Vikhnin, V.S. 8-95518
- Gron, O. Relativistic statics and F.W. Sears 8-49593
- Gron, O. Speed of light as measured by stable clocks according to special relativity 8-54185
- Gron, O. Expansion of the universe and a hierarchical structure of the universe as solutions of the dark night sky paradox 8-86055
- Gron, O. Visual appearance of superluminal bodies 8-89334
- Gronbech, B. see Jorgensen, H.E. 8-65652, 8-69835
- Gronenschild, E.H.B.M., Mewe, R. Calculated X-radiation from optically thin plasmas. III. Abundance effects on continuum emission 8-53814
- Gronenschild, E.H.B.M., Mewe, R., Heise, J., den Boggende, A.J.F., Schrijver, J., Brinkman, A.C. Evidence of X-ray emission from W 44 8-54010
- Gronenschild, E.H.B.M. see Brinkman, A.C. 8-86025
- Gronenschild, E.H.B.M. see den Boggende, A.J.F. 8-81634
- Gronenschild, E.H.B.M. see Schrijver, J. 8-96563
- Groner, P., Li, Y.S., Durig, J.R. Microwave spectrum of and quadrupole coupling in isopropyl iodide 8-86848
- Groner, P. see Ha, T.-K. 8-90077
- Gronvold, F., Zaki, M.R., Westrum, E.F., Jr., Sommers, J.A., Downie, D.B. Actinoid pnictides. II. Heat capacities of UAs₂ and USe₂ from 5 to 750 K and antiferromagnetic transitions 8-76253
- Gronvold, F. see Blachnik, R. 8-91450
- Gronvold, K. see Arnorsson, S. 8-96245
- Groom, D.E. see Aschman, D.G. 8-78201
- Groom, D.J. Monitoring, evaluation and reporting of radioactive liquid and gaseous effluent releases from the CEGB nuclear power stations 8-89992
- Groot, D.G.de see de Groot, D.G.
- Groot, E.H.de see de Groot, E.H.
- Groot, H.J.de see de Groot, H.J.
- Groot, J.F.de see de Groot, J.F.
- Groot, J.J.de see de Groot, J.J.
- Groot, M.De see De Groot, M.
- Groot, S.R.de see de Groot, S.R.
- Grootes, P.M. Carbon-14 time scale extended: comparison of chronologies 8-77314
- Gropyanov, V.M., Kuznetsova, V.L., Klimova, L.K. Hardness of sintered titanium diboride materials 8-60636
- Gropyanov, V.M. see Abbakumov, V.G. 8-59287
- Gros, G. Concentration dependence of the self-diffusion of human and Lumbricus terrestris hemoglobin 8-68984
- Gros, M. see Kurt, V.G. 8-77446
- Gros, Y. see Akridge, J.R. 8-68431
- Gros, Y. see Meyer, C. 8-84505
- Gros, Y. see Wintenberg, M. 8-87650
- Grosberg, A.Yu. Adsorption of a homopolymer chain on a uniform surface 8-53316
- Grosberg, A.Yu. see Lifshitz, I.M. 8-94347
- Grosbol, P.J. Space velocities and ages of nearby early-type stars 8-61858
- Grosch, C.E., Salwen, H. The continuous spectrum of the Orr-Sommerfeld equation. I. The spectrum and the eigenfunctions 8-67176
- Grosch, M. see Tiller, H.-J. 8-85201
- Grosche, F.-R. Sound power output of turbulent jets of gases with different ratios of specific heats 8-94789
- Grosdidier, G. see Quenzer, A. 8-70370
- Grosescur, R. see Velter-Stefanescu, M. 8-68382
- Grosjean, A. see Dreyfus, C. 8-58695
- Grosjean, D.F., Olson, R.A., Sarka, B., Jr. High-power CO₂ laser-beam monitor 8-74943
- Grosmann, M., Meyrueis, P. High-accuracy holographic length comparator using phase heterodyne 8-58953
- Grosmann, M., Meyrueis, P. Setup for three-dimensional measurement on an image reconstructed by holographic process 8-58958
- Grosmann, M., Meyrueis, P. Holography and molecular spectroscopy 8-62954
- Gross, B. Displacement coefficients along the inner boundaries of radially cracked ring segments subject to forces and couples 8-71298
- Gross, B. Compton currents—historical aspects and recollections 8-80018

- Gross, D., Jenkins, E., Kuznetsov, A., Malamud, E., Morozov, B., Nikitin, V., Nomokonov, P., Pilipenko, Y., Sandacz, A., Smirnov, V., Yamada, R. Real part of the p-p, p-d, and p-n forward scattering amplitudes from 50 to 400 GeV 8-70410
- Gross, D. see Callan, C.G. 8-82145
- Gross, D.H.E., Kalinowski, H. Friction model of heavy-ion collisions 8-86546
- Gross, D.J. Progress toward a theory of the strong interactions 8-78136
- Gross, D.J. see Callan, C.G., Jr. 8-93849
- Gross, D.J. see Gallan, C.G., Jr. 8-70332
- Gross, E.E., Cleary, T.P., Ford, J.L.C., Hensley, D.C., Toth, K.S. ^{20}Ne nuclear moments from $^{20}\text{Ne}(131\text{ MeV})+^{208}\text{Pb}$ scattering 8-66204
- Gross, E.E. see Malbrough, D.J. 8-70570
- Gross, E.E. see Freedman, B.M. 8-70571
- Gross, E.E. see Satchler, G.R. 8-58295
- Gross, F. see Carlson, C.E. 8-50007
- Gross, F. see Krenn, H. 8-49868, 8-54410
- Gross, F. see Pfannhauser, J. 8-76103
- Gross, J.F. see Popel, A.S. 8-87392
- Gross, K.P., Schnepf, O. Absorption and circular dichroism spectra of the cis- and trans-butadiene chromophores α - and β -phellandrene 8-62834
- Gross, M., Gerlich, D. Investigation of the λ -type phase transition in ammonium bromide by Brillouin scattering 8-79725
- Gross, M., Raimond, J.M., Haroche, S. Doppler beats in superradiance 8-66794
- Gross, M. see Herrmann, W. 8-66355
- Gross, P.G. Doppler-shift distributions. II. The relativistic gas 8-65492
- Gross, P.G. see Swiegate, A.V. 8-65611
- Gross, R.E. see Showalter, C.K. 8-73233
- Grosse, E. see Bokemeyer, H. 8-54793
- Grosse, H. Bounds on scattering parameters 8-49686
- Grosse, H., Hertel, P., Thirring, W. Lower bounds to the energy levels of atomic and molecular systems 8-82602
- Grosse, H. see Glaser, V. 8-49693
- Grosse, H.-H. see Krech, W. 8-84362, 8-88077
- Grosse-Siestrup, Ch. see Clevert, H.-D. 8-88763
- Grosse-Siestrup, Ch. see Unger, V. 8-81064
- Grosse-Wilde, H., Uhlenbusch, J. Measurement of local mass-transfer coefficients by holographic interferometry 8-75234
- Grosser, J. Nonresonant charge transfer: semiclassical calculation of differential cross sections 8-58805
- Grosshög, G. The interaction between a time-of-flight type measurement system and a computer 8-70685
- Grossi, G. see Aquilanti, V. 8-50619
- Grossi, M. see Langenwalter, M. 8-63619
- Grossman, B. see Bahuni, V. 8-93846
- Grossman, D.G. Machining a machinable glass-ceramic 8-77881
- Grossman, G., Covey, H.D., Mezei, L., Waxman, M.B. A data display system for electrocardiographic research 8-53550
- Grossman, G.S., Covey, H.D., Mezei, L., Waxman, M.B. An interactive graphics system for quantitative data extraction from arrhythmia studies 8-81027
- Grossman, L.W. see Hurst, G.S. 8-82707
- Grossman, S. Memory effects in the linewidth and lineshape near the laser threshold 8-58976
- Grossman, S.B. see Brewer, R.G. 8-86974
- Grossmann, A., Huguenin, P. Group-theoretical aspects of the Wigner-Weyl isomorphism 8-62089
- Grossmann, J., Muller, D., Petersson, J. Study of the ultralow critical dynamics of the order parameter of the ferroelectric $\text{AgNa}(\text{NO}_2)_2$ by the spin relaxation times T_1 , $T_{1\rho}$, T_2 of the ^{23}Na nucleus 8-76410
- Grossmann, J.von see von Grossmann, J.
- Grossmann, K.U. see Offermann, D. 8-81474
- Grossmann, P. see Bosetti, P.C. 8-70357
- Grossmann, P. see Gavillet, P. 8-70409
- Grossmann, P. see Gavillet, Ph. 8-89736
- Grossmann, P. see Kluyver, J.C. 8-82233
- Grossmann, P. see Teodoro, D. 8-89767
- Grossmann, S., Schraner, R. Dynamical correlations near instabilities in nonlinear chemical reaction systems 8-80715
- Grosso, G., Pastori Parravicini, G. Density matrix and X-ray structure factor in LiH 8-67692
- Grosso, G. see Corti, S. 8-67437, 8-71538
- Grossweiner, L.I. see Becker, D. 8-65083
- Grosswendt, B., Waibel, E. Transport of low energy electrons in nitrogen and air 8-90042
- Grosu, Cs., Talasman, S., Stamate, F., Andreescu, M. On stratification of the positive column of an audio-frequency glow discharge 8-67509
- Grosu, D., Bara, St., Bruma, C. Breakdown of a discharge in dependence of the nature of the tube wall 8-67552
- Grosul, V.P. see Mikhailenko, V.I. 8-74640
- Groszkowski, J. Viscosity of gases within a wide range of pressures 8-51271
- Grotch, H. see Calmet, J. 8-58601
- Grotewold, W.W. see Knight, C.A. 8-57356
- Groth, E.J., Klopfenstein, J.B., Wickes, W.C., Caldwell, J. The occultation of ϵ Geminorum by Mars as observed at Princeton 8-57482
- Grothe, H., Harth, W. Sideband upconversion in injection lasers 8-79047
- Grothe, H. see Harth, W. 8-55353
- Grothe, W., Ruttgers, H., Kubli, F. An information and monitoring system for clinical labour ward management 8-88750
- Grotowski, K. see Budzanowski, A. 8-66289
- Grotowski, K. see Majka, Z. 8-82366
- Grotzbach, G. Direct numerical simulation of secondary currents in turbulent channel flows 8-94828
- Grotzbach, G. Convective velocities of wall pressure fluctuations in a turbulent channel flow deduced from a computer-generated movie 8-94829
- Grotzky, V.K. see Weston, W.F. 8-52675
- Grotzschel, R., Klabes, R., Kreissig, U., Schmidt, A. Recoil implantation from thin surface films on silicon 8-63783
- Groult, D. see Mercey, C. 8-91324
- Grounauer, P.A. see Vo Van Toi 8-96053
- Group, T.F.R. Space-resolved vacuum ultraviolet spectroscopy on T.F.R. Tokamak plasmas 8-51349
- Grout, P.J., March, N.H., Ohmura, Y. Low-temperature behaviour of pyroelectric glasses 8-56432
- Grout, P.J. see Ferraz, A. 8-55128
- Grout, P.J. see Leech, J.W. 8-79679
- Groveman, B.S. see Landsberg, H.E. 8-81345
- Grover, A.K., Le Dang Khoi, Veillet, P. NMR study of ferromagnetic gold-based Heusler alloys 8-76320
- Grover, C.G., King, W.L. Night identification camera 8-54489
- Grover, C.G. see Maccabee, B.S. 8-58085
- Grover, G.K. see Nigam, S.P. 8-83163
- Grover, J.R. see Segre, E. (editor) 8-82263
- Grover, P.S. Numerical evaluation of physisorption energies between noble gas atoms and metal surfaces 8-71944
- Grover, P.S. Computer-aided study of slow positron annihilation in He+Ar mixtures 8-78809
- Groves, D.L., Archibald, N.J., Bettenay, L.F., Binns, R.A. Greenstone belts as ancient marginal basins or ensialic rift zones 8-61418
- Groves, E.S. see Alper, B. 8-70414
- Groves, E.S. see Brown, R.M. 8-82231
- Groves, G.W. see Bold, S.E. 8-52914
- Groves, G.W. see Burnay, S.G. 8-52900
- Groves, J.L. see Wang, G.W. 8-86505, 8-90050
- Groves, J.N. see Sears, A.R. 8-76873
- Groves, K.S., Mattingly, S.R., Tuck, A.F. Increased atmospheric carbon dioxide and stratospheric ozone 8-65370
- Groves, P.D. see Snaith, D.W. 8-68665
- Groves, W.O. see Chin, R. 8-63120
- Groza, I. see Sandstrom, R. 8-56656
- Grozdanov, T.P., Janev, R.K. One-electron capture in slow collisions of highly charged ions with atoms 8-58776
- Grozdanov, T.P., Janev, R.K. Charge-exchange collisions of multiply charged ions with atoms 8-58813
- Grubb, D.P., Emmert, G.A. Experimental transfer function analysis of a dissipative and a reactive mode 8-63558
- Grubb, D.T. see Odell, J.A. 8-75578
- Grubb, R.L., Jr. see Raichle, M.E. 8-69183
- Gruber, C., Lebowitz, J.L. On the equivalence of different order parameters and coexistence of phases for Ising ferromagnet. II 8-49772
- Gruber, E. see Krozer, S. 8-55618
- Gruber, H., Bartl, G. A measurement, computation and control system for the on-line evaluation of visually evoked potentials by sliding average formation 8-85402
- Gruber, H.E. X-ray and proton-induced ultrastructural changes in dividing Chlamydomonas reinhardtii 8-65085
- Gruber, R. see Bernard, L.C. 8-86683
- Gruber, R. see Chance, M.S. 8-79425
- Grubic, M., Wurz, U. High-precision low-cost temperature controller 8-86258
- Grubich, A.O. see Baryshevskii, V.G. 8-75699
- Grubin, C. Transfer between arbitrary Keplerian orbits using two impulses of fixed magnitude 8-81518
- Grubor, D.P. Spectroscopic study of plasma properties in the beginning of high current discharge 8-87535
- Grudler, P. see Pham-Van, J. 8-61793
- Grudskaya, L.E. see Galunov, N.Z. 8-92126
- Grudzinski, J. see Brzosko, J.S. 8-67562
- Grudzinski, J. see Brzosko, J.S. 8-67561
- Grudzinski, K., Burda, T., Labuc, L. Determination of stress in axially-symmetric glued joint loaded by torque 8-79287
- Gruebler, W. see Burgi, H.R. 8-94016
- Gruebler, W. see Szaloky, G. 8-78375
- Gruen, D.M. see Bates, J.K. 8-78652
- Gruen, D.M. see Ming-Bian Liu 8-80672
- Gruen, D.M. see Wright, R.B. 8-95637
- Gruen, H.M. see Frank, T.H. 8-55523
- Gruenewald, B., Knoche, W. Pressure jump method with detection of optical rotation and circular dichroism 8-77175
- Gruenzel, R.R. Mathematical expressions for molecular absorption in Lowtran 3B 8-85690
- Gruhn, C. see Ogle, W. 8-55117
- Gruia, S.G. see Abdalvaliev, A. 8-58290
- Grujic, P. see Dimitrijevic, M.S. 8-67324
- Grum-Grzhimailo, A.N. see Balashov, V.V. 8-86831
- Grummer, F., Schmid, K.W., Faessler, A. Angular momentum distributions of cranked Hartree-Fock-Bogoliubov wave functions 8-93956
- Grummitt, W.E., Lahaie, G. Problems of monitoring radioactive effluents 8-89987
- Grumondz, V.T. On oscillations in nonlinear mechanical systems of arbitrary order 8-65765
- Grun, E. see Dalmann, B.-K. 8-93112
- Grun, E. see Fechtig, H. 8-57510
- Grun, J. see Gore, R. 8-51296
- Grun, J.B. see Honerlage, B. 8-80406
- Grunbaum, A., Janis, A.I. Can the effect precede its cause in classical electrodynamics? 8-54108
- Grunberg, P. see Guntherodt, G. 8-60458
- Grunberg, P. see Merlin, R. 8-60457
- Grunder, H.A., Selp, F.B. Heavy-ion accelerators 8-90003
- Grundy, T. see Frey, R. 8-50154
- Grundmann, J., Seireg, A. Computer control of multi-task exoskeleton for paraplegics 8-53580
- Grundner, M. see Citron, A. 8-89589
- Grundy, P., Loi, F.T. Deflection analysis of strain hardening structures under repeated loading 8-63313
- Grundy, P.J. see Ali, A. 8-67730
- Grundy, P.J. see Jones, G.A. 8-84464
- Gruner, C.L. see Kambour, R.P. 8-85017
- Gruner, G. see Holczer, K. 8-60115
- Gruner, G. see Miljak, M. 8-60264
- Gruner, S.M. see Reynolds, G.T. 8-89609
- Grunewald, G., Scharnberg, K. Lattice dynamics of substitutional alloys of simple metals including force constant disorder 8-75786
- Grunewald, M. see Krugermeyer, L. 8-92895
- Grunfeld, C.P. On the decay of quantum states and systems 8-62112
- Grunhagen, W. Michaelis von see Michaelis von Grunhagen, W.
- Grunhaus, J. see Corden, M.J. 8-58209, 8-66164
- Grunin, V.S. see Davtyan, G.D. 8-72216
- Gruning, J. see Schonauer, W. 8-90816
- Grunke, U., Heinzig, U., Le, B. Measurement of low quantities of moisture in porous ceramic components 8-54378
- Grunstein, M.M., Milic-Emili, J. Analysis of interactions between central and vagal respiratory control mechanisms in cats 8-53436
- Grunthaner, F.J., Maserjian, J. Chemical structure of the transitional region of the SiO_2 -Si interface 8-95824
- Grunthaner, M.A., Kalinin, A.P. Characteristic of BEU-6 channel electron multipliers in detection of neutral particles 8-58554
- Gruntz, K.J. see Fehrenbach, G.W. 8-79046
- Grupe, R. see Sologub, M.N. 8-53375
- Gruppen, C. see Alexander, G. 8-74251, 8-89766
- Gruppen, C. see Berger, Ch. 8-62414, 8-89725
- Grupp, H. see Stockmann, H.-J. 8-59842
- Grupp, H. see Winnacker, A. 8-91994
- Grupp, M. see Stockmann, H.-J. 8-59842
- Gruschinske, P. see Plieth, W.J. 8-84551
- Grusha, G.V. see Amirkhanov, I.V. 8-49985
- Grushin, A.I. see Freik, D.M. 8-95702
- Grushko, Yu.S., Lapin, E.G., Sumbaev, O.I., Tyunis, A.V. Right-left asymmetry due to anisotropy on diffraction by an elastically bent single crystal 8-71699
- Grushko, Yu.S. see Moiseenko, L.L. 8-60263
- Grushnikov, A.G. see Barnakova, V.G. 8-89487
- Gruska, R.P. see Lyons, A. 8-52700
- Grut, W., Edwards, J., Evans, E.J. Scanning electron microscopy of freeze-dried aortic elastin 8-65160
- Gruter, J.W. see D'Auria, J.M. 8-70489
- Grutter, A. see Meyer, G. 8-54351
- Gruver, R.M. see Kirchner, H.P. 8-52973, 8-72846, 8-72887
- Gruver, R.M. see Marshall, D.B. 8-76731
- Gruz, E.A. see Verbovetzskii, A.A. 8-50735
- Gruzalski, G.R., Gerber, J.A., Sellmyer, D.J. Magnetic properties of amorphous transition metal alloys 8-95432
- Gruzalski, G.R., Patterson, J.D., Sellmyer, D.J. Magnetic ordering and local random anisotropy in dilute magnetic glasses 8-68273
- Gruzalski, G.R. see Patterson, J.D. 8-80112

- Gruzdev, A.D.**, Kishchenko, G.P. Fluorescence polarization of stretched polyene chromophores stained with acridine orange 8-76995
- Gruzdev, N.I.** *see* Margulova, T.Kh. 8-50280
- Gruzin, P.L.**, Rodionov, Yu.L., Isfandiyyarov, G.G. Double reversible deformation of a body during thermal cycling 8-84942
- Gruzinov, B.F.** *see* Bushmarina, G.S. 8-56065
- Gruzinskii, V.V.** *see* Borisevich, N.A. 8-82780
- Gruzintsev, G.I.** *see* Mosyak, A.A. 8-83478
- Gruzeski, J.E.** *see* Thomas, P.M. 8-52794
- Gruzza, B.**, Guglielmacci, J.M., Gillet, E. Determination by Auger spectrometry of the concentration profile in an epitaxial interface: case of Au-Ag couple 8-84077
- Gryasnov, V.K.**, Ivanova, A.N., Fortov, V.E. Deformation of atomic energy levels and equation of state of dense plasma 8-71435
- Gryasnov, V.K.** *see* Bushmen, A.V. 8-71434
- Gryazev, V.M.** *see* Tsykanov, V.A. 8-86582
- Gryaznevich, M.P.**, Lavrov, B.P. Investigation of constricted glow discharge in helium 8-67492
- Gryaznov, B.A.** *see* Troshchenko, V.T. 8-64800
- Gryaznova, T.A.**, Karplyuk, K.-S., Filonenko, E.G., Shashurin, I.P. Investigations on the use of a semi-spherical antenna as a microwave probe for plasma diagnostics 8-67438
- Gryczkowski, G.**, Kammash, T., Oliphant, T.A. Transient neutral gas interactions with plasmas and walls 8-94134
- Gryczynski, I.** *see* Gzowski, O. 8-59980
- Gryczynski, I.** *see* Kowski, A. 8-61138, 8-90179
- Grynberg, G.** *see* Biraben, F. 8-50526
- Grynberg, G.** *see* Cagnac, B. 8-86977
- Grynberg, G.** *see* Trehin, F. 8-63118
- Grynberg, M.** *see* Swiatek, P. 8-92069
- Grynberg, M.** *see* Szuszkiewicz, W. 8-68508
- Gryson, P.** *see* Dymont, A. 8-75128
- Gryzagoridis, J.** Leading edge geometry effects on natural convection from an isothermal vertical plate 8-87346
- Grzedzinski, J.** A flutter analysis of a system of two airfoils with aerodynamic interference 8-51181
- Grzegorzczak, A.** *see* Zapior, B. 8-75730
- Grzegorzewski, B.** Information-theoretical method in investigation of first-order statistics of a polarized speckle pattern 8-58908
- Grzesiak, E.** *see* Borkowski, B. 8-92184
- Grzybowski, J.M.**, Andrews, L. Ultraviolet-laser induced fluorescence of UF₆ isolated in argon matrices 8-66585
- Grzybowski, J.M.** *see* Chadwick, B.M. 8-61033
- Grzymkowski, M.** Compression of rings 8-83256
- Grzywacz, J.** Deep water surveying made easier 8-85730
- Gschneider, K.A., Jr.** *see* McMasters, G.D. 8-64468
- Gschneider, K.A., Jr.** The fascinating world of rare-earth research 8-84116
- Gschneider, K.A., Jr.**, Tsang, T.W.E., Queen, J., Legvold, S., Schmidt, F.A. The scandium puzzle: what are its intrinsic properties? 8-83971
- Gschneider, K.A., Jr.** *see* Foet, D. 8-84709
- Gschneider, K.A., Jr.** *see* Nagai, H. 8-52721
- Gschneider, K.A., Jr.** *see* Petersen, T.S. 8-68238
- Gschneider, K.A., Jr.** *see* Stassis, C. 8-68151
- Gschneider, K.A., Jr.** *see* Zwilling, G. 8-92215
- Gschwandtner, G.**, Pengelly, L.D. Measurement of the frequency and location of stratified aerosol layers using a searchlight probing technique 8-92892
- G'Sell, C.** *see* Jonas, J.J. 8-79233
- Gu Chao-Hao** The loop phase-factor approach to gauge fields 8-82110
- Gu Chao-Hao** The U₁ gauge field in a SU₂ gauge field and the quantized values of dual charges 8-86417
- Gualberto, G.M.** *see* Cancelli, L.S.G. 8-59932
- Gualdi, R.** *see* Santomauro, L. 8-53721
- Gualino, G.** *see* Pham-Van, J. 8-61793
- Gualtieri, D.M.** *see* Rao, V.U.S. 8-80083
- Gualtieri, D.M.** *see* Wallace, W.E. 8-68210
- Gualtierotti, A.F.** Mixtures of Gaussian cylinder set measures and abstract Wiener spaces as models for detection 8-89306
- Gualtierotti, A.F.** *see* Fortet, R. 8-62150
- Guan-Jiong Ni** *see* Ni Guan-Jiong
- Guang-Da Ji** *see* Ji Guang-Da
- Guang-Hai Lin** *see* Lin Guang-Hai
- Guang-Lie Li** *see* Li Guang-Lie
- Guang-Yin Zhang** *see* Zhang Guang-Yin
- Guaraldo, C.** *see* Mach, R. 8-74403
- Guarch, G.** *see* Capelani, J.C. 8-61254
- Guardiola, J.** *see* Iaccarino, M. 8-77029
- Guardipee, K.W.** *see* Braginski, A.I. 8-52174
- Guattari, G.** *see* Cesini, G. 8-63020
- Guazzoni, P.** *see* Calvelli, G. 8-74380
- Guazzoni, P.** *see* Pellegrini, F. 8-94009
- Guba, B.S.**, Obratsov, G.V., Prilezhaev, D.S., Sedov, B.M. Design of laser amplifiers using generalised experimental data 8-66836
- Gubaidullin, F.F.** *see* Kashaev, R.S. 8-88217
- Gubaidullin, R.K.**, Ivoilov, N.G. Mossbauer investigations of a spin-reorientation transition in yttrium-terbium iron garnet 8-88243
- Gubanov, V.A.**, Chirkov, A.K. The electronic structure and ESCA spectra of curium dioxide 8-64443
- Gubanov, V.A.**, Ellis, D.E. X_α calculations of the electronic structure of the clusters in the metallic and semiconducting phases of VO₂ 8-63977
- Gubanov, V.A.**, Ellis, D.E., Chirkov, A.K. Calculation of the electronic structure of the octahedral clusters in VO by the X_α discrete variation method and by the X_α scattered wave method 8-63976
- Gubanov, V.A.**, Erbudak, M., Kurmaev, E.Z. Photoemission and X-ray emission spectra for niobium oxide 8-64442
- Gubanov, V.A.** *see* Lazukova, N.I. 8-87948
- Gubanov, V.A.** *see* Sidorov, A.A. 8-88110
- Gubanov, V.N.** *see* Litinskii, A.O. 8-82645
- Gubanov, V.S.**, Yagudin, L.I. The Earth's tides according to the new system of USSR Universal Time for the years 1955-1974 8-69279
- Gubanov, Yu.I.** *see* Berkovskii, A.G. 8-58032
- Gubanova, L.N.** *see* Afanas'ev, Yu.V. 8-77355
- Gubanski, S.M.**, Hughes, D.M. Conduction processes in anodic tantalum oxide thin films with gold counterelectrodes 8-84312
- Gubar', Yu.I.**, Shabanskiy, V.P. Equilibrium magnetic flux distribution in a moving force tube 8-69618
- Gubarev, A.A.** *see* Markov, M.N. 8-69716
- Gubareva, E.M.** *see* Antsiferov, V.N. 8-60611
- Gubarjev, A.A.** *see* Bruns, A.V. 8-53783
- Gubbay, J.S.** Radio source positions from southern and trans-equatorial very-long-baseline interferometers 8-81698
- Gubbins, P.C.M.**, van der Kraan, A.M., Buschhow, K.H.J. Concentration dependence of the Fe moments in rare earth iron compounds 8-56413
- Gubbins, K.E.** *see* Calado, J.C.G. 8-64876
- Gubbins, K.E.** *see* Gray, C.G. 8-79510
- Gubbins, K.E.** *see* Twu, C.H. 8-95127
- Gubenko, S.I.** *see* Bel'chenko, G.I. 8-80586
- Gubenkova, A.N.**, Kirichenko, V.F., Kulikov, E., Pavlov, S.P. A variational principle for problems in the analysis of piezoelectric devices with acoustoelectric coupling 8-90621
- Guber, Yu.E.** Influence of the concentration initial section on the magnitude of diffusion fluxes in turbulent fluid flow 8-59383
- Gubernatis, J.E.** Scattering theory and effective medium approximations to heterogeneous materials 8-56116
- Gubernatis, J.E.** *see* Albers, R.C. 8-84199
- Gubin, V.V.**, Kovtunenkov, V.M., Reznichenko, N.P., Shuvalov, V.A. Generation of plasma formations at the surface of a body in a flow of partially ionized gas 8-75378
- Gubinskij, B.V.** *see* Shabratoeva, G.S. 8-82359
- Gubkin, I.A.** Scattering of charged particles on optical potential in approximation of strong absorption 8-89839
- Gubser, D.U.** *see* Francavilla, T.L. 8-52130
- Gubskii, I.A.** *see* Pikus, I.F. 8-56875
- Gucer, G.** *see* Engel, J. 8-69036
- Guckenberger, R.** *see* Hoppe, W. 8-69971
- Gudaev, O.A.**, Kostsov, E.G., Malinovskii, V.K. Injection-type contact to wide-zone dielectrics 8-60236
- Gudaev, O.A.**, Kostsov, E.G., Malinovskii, V.K., Pokrovskii, L.D. Electrical and photoelectrical properties of bismuth germanate films 8-60237
- Gudat, W.** Soft X-ray microscopy and lithography with synchrotron radiation 8-66018
- Gudat, W.**, Eastman, D.E. Photoemission from semiconductor surfaces 8-95671
- Gudat, W.** *see* Bancroft, G.M. 8-84699
- Gudehus, D.H.** A larger and more turbulent Universe 8-96578
- Gudehus, G.** *see* Vardoulakis, I. 8-73362
- Gudenko, S.V.**, Krylov, I.P. Radio-frequency size effect in scattering of electrons by boundary of diffuse layer of impurities 8-91717
- Gudim, L.I.** Spectral examination of polyurethanes under tension loads 8-92058
- Gudimov, M.M.** *see* Kuklin, E.A. 8-67664
- Gudin, O.A.** *see* Kozlov, E.V. 8-87794
- Gudkov, V.G.** *see* Moskvina, A.S. 8-82605
- Gudmandsen, P.**, Apel, J., Campbell, W., Gloersen, P., Karstrom, U., Moore, R., Suchman, R., Trizna, D. Radio observations of polar regions 8-81419
- Gudmundsson, H.**, Hedman, L., Rao, K.V., Astrom, H.U. Effect of vanadium on the P-C, and P-I magnetic transition in chromium alloys 8-68260
- Gudov, V.F.** New technical aids for compensating defective vision and blindness 8-85451
- Gudovskikh, S.S.** *see* Priyatkin, A.A. 8-96195
- Gudov, N.A.** Two-colour photoelectric investigation of the eclipsing binary system AG Persei 8-96504
- Gudym, V.K.** Normalisation of the current value of measurement error of an optical plane 8-70198
- Gudzenko, A.I.**, Deryugin, L.N., Zabuzov, S.A., Kludzin, V.V., Osadchev, L.A., Sirotn, G.F., Sotin, V.Ye., Razzhivin, B.P., Tischenko, A.A. Experimental study of planar optoacoustic deflector 8-74995
- Gudzenko, A.I.**, Zubarev, I.L., Kurdyumov, O.A. Raman-Nath type of optoacoustic interaction in planar waveguides 8-87153
- Gudzenko, L.I.**, Yakovlenko, S.I. Rate of falloff of field in a pulsed plasma laser 8-82944
- Guedu, H.** *see* Schmid, H. 8-95553
- Gueguen, Y.** *see* Woignard, J. 8-85550
- Guelachvili, G.** High-accuracy Doppler-limited 10⁶ samples Fourier transform spectroscopy 8-58068
- Guelachvili, G.**, Smith, M.A.H. Measurements of pressure-induced shifts in the 1-0 and 2-0 bands of the HF and in the 2-0 bands of H³⁵Cl and H³⁷Cl 8-74706
- Gueleva, S.** *see* Nenow, D. 8-55864
- Guelin, M.**, Green, S., Thaddeus, P. Detection of the C₄H radical toward IRC+10216 8-93374
- Guelin, P.** *see* Boisserie, J.M. 8-51092
- Guemas, L.**, Palvadeau, P. Structural study of potassium amidozincate, K₂Zn(NH₂)₄ 8-79590
- Guenault, A.M.**, Lawson, N.S., Veazey, S.D. Measurement of thermoelectric effects at low temperature 8-54119
- Guenin, G.**, Gobin, P.F. Study of the effect of hydrostatic or uniaxial stress on elastic constants of a CuZnAl alloy in the vicinity of the martensitic transformation point 8-76697
- Guenther, B.D.**, Christensen, C.R., Anil Jain Digital processing of speckle images 8-71053
- Guenther, B.W.** *see* Frederich, J.E. 8-69414
- Guenther, G.C.**, Thomas, R.W. Laser bathymetry for near-shore charting applications 8-57371
- Guenther, K.**, Lang, S., Radtke, R., Popovic, M.M., Popovic, S.S. Electrical conductivity of a pulsed argon plasma of P=10 atm and T=15000K 8-71449
- Guenther, K.** *see* Djordjevic, D. 8-67430
- Guenzburger, D.** *see* Lie, S.K. 8-50470, 8-78622
- Guenzer, C.S.** *see* Murray, K. 8-74103
- Guerin, I.** *see* Contour, J.P. 8-80790
- Guerin, R.**, Sergeant, M. Ternary Cr₁₂P₇-type phosphides of tungsten and 3d elements Cr_{12-x}W_xP₇ and Mn_{12-x}W_xP₇ 8-63723
- Guermaz, M.**, Thevenard, P., Faisant, P., Blanchin, M.G., Dupuy, C.H.S. Evidence of chemical effects due to implantation of 28 MeV deuterons in rutile 8-67755
- Guern, F.** *see* Le Guern, F.
- Guern, Y.** *see* Freeman, G.H.C. 8-78039
- Guern, Y.** *see* Lotrian, J. 8-74600
- Gueron, M.** Line narrowing and line broadening using trigonometric functions 8-91925
- Guerra, E.** Moya de Moya de Guerra, E.
- Guerra, F.** *see* de Angelis, G.F. 8-57870
- Guerra, F.** *see* Dohrn, D. 8-57860
- Guerreau, D.** *see* Galin, J. 8-50191
- Guerreiro, G.** *see* Broglia, P. 8-89206
- Guerri, G.** *see* Da Costa, G. 8-66761
- Guerriero, L.** *see* Anelli, E.F. 8-82585
- Guerriero, L.** *see* Cutts, D. 8-78380, 8-89746
- Guerlin, R.P.**, Crow, J.E., Missell, F.P., Foner, S. Magnetic properties of an induced ferromagnet, Pr₃Ti, under hydrostatic pressure 8-56315
- Guerlin, R.P.**, Foner, S. Effect of pressure on induced ferromagnetism in Pr₃Se₄ 8-95422
- Gueshi, T.**, Tokuda, K., Matsuda, H. Voltammetry at partially covered electrodes. I. Chronopotentiometry and chronoamperometry at model electrodes 8-85236
- Guess, T.R.** *see* Allred, R.E. 8-68870
- Guest, A.**, Howard-Lock, E., Lock, J.L. Dynamical Jahn-Teller effects in the near ultraviolet vapor phase absorption spectra of perphenyl chloride, ReO₃Cl, and pertechnyl chloride, TeO₃Cl 8-86881
- Guest, G.** *see* Chu, M.S. 8-75298
- Guest, J.** *see* Dollfus, A. 8-53848
- Guest, M.F.** *see* Ding, A. 8-55219
- Guest, M.F.** *see* Robson, B. 8-96004
- Guet, C.**, Signarbieux, C., Perrin, P., Nifenecker, H., Leroux, B., Asghar, M. Evidence for quasi-static scission configurations obtained from long range particle accompanied fission distributions 8-74411
- Guet, C.** *see* Asghar, M. 8-50218
- Gueulette, J.** *see* Guichard, M. 8-65079
- Guevara, P.L.** *see* De Guevara, P.L.
- Gugel', B.M.**, Melamid, A.Ye., Stepanov, B.M. The structure of the silver-oxygen-cesium photocathode 8-95661
- Gugelot, P.C.** *see* Couvert, P. 8-78383
- Guggenheim, H.G.** *see* Hansen, P.E. 8-68393
- Guggenheim, H.J.** *see* Brinkmann, J. 8-60294
- Guggenheim, H.J.** *see* Cohen, A. 8-52371
- Guggenheim, H.J.** *see* Dillon, J.F., Jr. 8-88121

- Guggenheim, H.J.** *see* Reed, W.A. 8-80431
- Guggi, D.** *see* Neubert, A. 8-61003
- Gugina, T.S.** *see* Panteleev, V.A. 8-87824
- Guglielmacci, J.M.** *see* Gruzza, B. 8-84077
- Guglielmi, M.** *see* Avalos, J. 8-91974
- Guglielmi, M.** *see* Devreux, F. 8-52370
- Guha, A., Sarachik, M.P., Smith, F.W., Testardi, L.R.** Effect of neutron irradiation on single-crystal V_2Si : sound velocity, magnetic susceptibility, and upper critical field 8-88074
- Guha, A.K.** Thin liquid film refractometer 8-61994
- Guha, M.K.** A deterministic non-linear model for rainfall-runoff relation 8-85615
- Guha, S., Ghosh, S.** Hybrid mode interaction in inhomogeneous semiconductor plasmas 8-63995
- Guha, S., Narasimhan, K.L.** On variable range hopping in amorphous films of germanium and silicon 8-76176
- Guha, S., Sen, P.K.** Interaction between two hybrid modes in n-GaAs 8-51997
- Guha, S.** *see* Sekhar, P. 8-83839
- Guha, S.K.** *see* Anand, S. 8-80905
- Gui-Zhong Qi** *see* Qi Gui-Zhong
- Guia, I., Radescu, E.E.** Note on low-energy proton Compton scattering 8-93886
- Guibert, J., Lequeux, J., Viallefond, F.** Star formation and interstellar gas density in our Galaxy 8-86008
- Guibert, J., Nguyen-Q-Rieu, Elitzur, M.** OH excitation in interstellar clouds 8-65669
- Guichard, M., Gueulette, J., Laublin, G., Wambersie, A., Malaise, E.P.** Measurements of the OER and RBE for neutrons generated by 70 MeV protons on lithium 8-65079
- Guichon, D.** *see* Chardon, J.C. 8-58669
- Guichon, P.A.M., Giffon, M., Samour, C.** Possible evidence for mesonic exchange correction in $^{16}N(0^+) \rightarrow ^{16}O(0^+)$ β -decay and μ -capture reactions 8-58257
- Guidelli, R., Pergola, F.** Mathematical treatment of polarographic reversible adsorption waves and considerations on their origin 8-53288
- Guidi, G.** *see* Bucci, C. 8-74679
- Guidi, I., Melchiorri, B., Melchiorri, F., Natale, V.** A Michelson interferometer for astronomical applications 8-93118
- Guidi, I.** *see* Aiello, S. 8-69854
- Guidoin, R., Taylor, K., Bain, W.H.** Blood filter evaluation 8-69250
- Guidoni, A.G.** *see* Camilloni, R. 8-62926
- Guidotti, C.** *see* Gianturco, F.A. 8-74573
- Guidotti, R.** *see* Longo, G. 8-93994
- Guidotti, R.** *see* Saporetti, F. 8-58276, 8-62536
- Guidry, M.W.** *see* Sayer, R.O. 8-66242
- Guier, W.H.** *see* Garrison, J.B. 8-80937
- Guiffant, G.** *see* Antonini, G. 8-87344
- Guigas, R.** *see* Beetz, R. 8-54806
- Guigas, R.** *see* Pavlopoulos, P. 8-62443
- Guigas, R.** *see* Suffert, M. 8-54642
- Guigay, J.-P.** The ambiguity function in diffraction and isoplanatic imaging by partially coherent beams 8-78925
- Guiho, J.-P., Simoen, J.-P., Domen, S.R.** Comparison of BNM-LMRI and NBS absorbed-dose standards for ^{60}Co gamma rays 8-74512
- Guilbault, F.** *see* Rotbard, G. 8-82279
- Guilbault, G.G.** *see* Hlavay, J. 8-92532
- Guil, F.J., Harris, B.** Cracking in layered composites 8-95808
- Guile, A.E., Hitchcock, A.H.** The erosion of copper cathodes from vacuum to atmospheric-pressure arcs 8-79482
- Guile, A.E.** *see* Heylen, A.E.D. 8-88410
- Guile, A.E.** *see* Hitchcock, A.H. 8-87576, 8-87579
- Guilfoyle, P.** Radar ambiguity function processing using optical signal processing techniques 8-78938
- Guilhot, G., Houailhat, A.** Influence of the purity of crystals on the stability of F-centers and interstitials in alkali halides 8-91336
- Guillaume, A.** The Tonale line (Central and Eastern Alps): direction of the strike-slip fault, and extensions 8-88811
- Guillaume, G., Fintz, P., Jundt, F.C., Jones, K.W., Johnson, B.M.** Impact-parameter dependence of Ag K X-rays produced by bombardment of Ag by I 8-94308
- Guillaume, J.C.** *see* Marine, J. 8-68553
- Guillaume, J.C.** *see* Vodop'yanov, L.K. 8-60433
- Guillaume, P., Magnee, A., Coutouradis, D., Habraken, L.** Mathematical study of the destabilization kinetics of austenite in an Fe-Ni-Cr steel 8-68690
- Guillaumont, R.** *see* Krupa, J.C. 8-58540
- Guillemaud, D.** *see* Detraz, C. 8-74341
- Guillemet, B.** *see* Mascart, P. 8-92888
- Guillemin, V., Sternberg, S.** On the equations of motion of a classical particle in a Yang-Mills field and the principle of general covariance 8-74125
- Guillen, F.** *see* Latourrette, B. 8-80525
- Guillerminet, B.** *see* Albrow, M.G. 8-58214
- Guillet, J.E.** *see* Holye, C.E. 8-80401
- Guillory, J.** *see* Ottinger, P. 8-67340
- Guillory, W.A.** *see* Bialkowski, S.E. 8-68902
- Guillory, W.A.** *see* Hall, J.H., Jr. 8-56909
- Guillot, C.** *see* Thiry, P. 8-84143
- Guillot, G.** *see* Breslow, R. 8-85287
- Guillot, G.** *see* Mercier, E. 8-67712
- Guillot, G.** *see* Nouailhat, A. 8-76533
- Guillot, J.** *see* Duhamel, G. 8-93928
- Guillot, M., Feldmann, P., Le Gall, H., Fady, M.** Molecular field coefficients of terbium, dysprosium and holmium iron garnets 8-95406
- Guillot, M.** *see* Fady, M. 8-95577
- Guillot, M.** *see* Picard, J. 8-68222
- Guilmette, R.A.** *see* Bhattacharyya, M.H. 8-85390
- Guimaraes, J.R.C., Werneck, V.P.** The effects of strain rate grain size and temperature on the yield stress of a metastable austenite 8-72821
- Guimaraes, P.S., Parada, N.J., Ferreira, L.G.** Improved effective mass approximation for impurity levels in insulators 8-87941
- Guinasso, N.L., Jr.** *see* Schink, D.R. 8-69321
- Guindon, B.** Galaxy counts in the regions surrounding head-tail radio sources 8-54060
- Guindon, B., Bridle, A.H.** Morphology and peculiar velocities of radio sources in rich clusters of galaxies 8-77610
- Guinn, V.P., Garzanov, E., Cortes T, E.** Further studies in the advance prediction of gamma-ray spectra and detection limits in instrumental neutron activation analysis 8-85242
- Guinn, V.P., Leslie, J.C., Murray, L.E.** Advance prediction of neutron activation analysis spectra and detection limits 8-85274
- Guinot, B.** *see* Granvau, M. 8-89459
- Guiochon, G.** *see* Colin, H. 8-68921
- Guiochon, G.** *see* Hajibrahim, S.K. 8-61078
- Guiraldenq, P.** *see* Coquillet, B. 8-88516
- Guirao, M., de Mattiello, M.L.F.** Equal saturation contours for surface colors 8-57001
- Guiraud, J.P., Zeytounian, R.Kh.** Cascade and through-flow theories as inner and outer expansions 8-75148
- Guirlet, J.** *see* Manesse, D. 8-50285
- Guirlet, J.** *see* Miribel, J. 8-89997
- Guislain, H.J., De Wolf, L., Clauws, P.** A coherent model for deep-level photoluminescence of Cu-contaminated n-type GaAs single crystals 8-68554
- Guislain, H.J., De Wolf, L., Clauws, P.** Stoichiometry of melt-grown n-type GaAs as revealed by photoluminescence measurements 8-72583
- Guissani, Y.** *see* Bratos, S. 8-58694
- Guissani, Y.** *see* Leickman, J.C. 8-66544
- Guitel, J.C.** *see* Alenard, S. 8-51500
- Guitel, J.C.** *see* Bagieu-Beucher, M. 8-55842
- Guitel, J.C.** *see* Boudjada, A. 8-91315
- Guitel, J.C.** *see* Brunel-Laugt, M. 8-55854
- Guitel, J.C.** *see* Coing-Boyat, J. 8-91314
- Guitel, J.-C.** *see* Durif, A. 8-55848
- Guitard, C.** *see* Gauthier, R. 8-84067
- Guitard, M., Carre, D., Kabre, T.S.** A study of intermediate combinations formed in the system R_2S_3 - In_2S_3 (R =rare earths) 8-75648
- Guitard, M., Loireau-Lozac'h, A.M., Pardo, M.P., Flahaut, J., Lacazeau, G.** Glass formation in the rare earth oxysulphides Ln_2O_2S ($Ln=La$ to Nd) 8-80504
- Guitard, M.** *see* Carcaly, C. 8-79804
- Guitard, M.** *see* Tomas, A. 8-91326
- Guitton, F.** *see* Besse, P. 8-81030
- Guiu, F.** Cyclic fatigue of polycrystalline alumina in direct push-pull 8-56746
- Guk Yang Chang** *see* Chang Guk Yang
- Gukelberger, A., Steeb, S.** Diffusion weldings within the Zr-Al-O ternary system at temperatures between 1000 and 1300°C. I. Zr-Zr₂Al₃ couple 8-84011
- Gukhman, A.A.** *see* Borisova, R.D. 8-83383
- Gukhman, A.A.** *see* Kader, B.A. 8-94716
- Gul', T.I.** *see* Bunina, L.O. 8-88511
- Gul', V.E.** *see* Lyubeshkina, E.G. 8-68668
- Gula, A.** *see* Kirk, H.G. 8-82252
- Gula, A.** *see* Moriyasu, K. 8-66165
- Gulacik, C.** *see* Kimura, W.D. 8-53468
- Gulakov, I.R., Katshonok, S.S.** An analog-digital function generator for a pulse atom-absorption spectrophotometer taking into account non-selective absorption 8-70199
- Gulamov, K.G.** *see* Azimov, S.A. 8-58258, 8-78421
- Gulamov, K.G.** *see* Basova, E.S. 8-82358
- Gulamov, K.G.** *see* Boos, E.G. 8-62530
- Gulamov, K.G.** *see* Shabratova, G.S. 8-82359
- Gulari, E., Chu, B.** Photon correlation in the nanosecond range and its applications to the evaluation of RCA C31034 photomultiplier tubes 8-54464
- Gulati, S.** *see* Justice, B. 8-83123
- Gulati, S.K.** *see* Ahrenkiel, R.K. 8-64348
- Gulati, S.T., Hagy, H.E.** The theory of the narrow sandwich seal 8-75110
- Gulati, S.T., Hagy, H.E.** Finite element analysis and experimental verification of the shape factor for narrow sandwich seals 8-75111
- Gulbis, A.V.** Calculation of photorefractive in $LiNbO_3$ -Fe 8-90474
- Gulbis, A.V.** *see* Kristofel', N.N. 8-68473
- Guldborg, J.** Electron traps in silicon doped by neutron transmutation 8-84164
- Gulden, M.E.** *see* Evans, A.G. 8-51133
- Gulens, J., Ikeda, B.** Effects of surface heterogeneity on the sensitivity of sulfide ion-selective electrodes 8-92526
- Gulett, M.R.** *see* Wittberg, T.N. 8-72029
- Gulic, M.** Light model method for simulation of the radiant heat flux distribution in the combustion chamber 8-94567
- Guliev, N.A., Dzhaferov, I.G., Mekhtiev, B.I., Mustafaev, Kh.A.** Asymmetry and polarisation of protons (antiprotons) in the reaction $e^+e^- \rightarrow p\bar{p}$ with existence neutral weak currents 8-58195
- Guliev, N.A., Dzhaferov, I.G., Sultanov, S.F., Khalil-Zade, F.T.** Possible identification of the contribution of weak neutral currents in the experimental investigation of the process $e^+e^- \rightarrow \mu^+\mu^-$ in transversely polarized contrary beams 8-62383
- Guliev, N.A., Dzhaferov, I.G., Sultanov, S.F., Khalil-Zade, F.T.** Possible identification of the contribution of weak neutral currents in the experimental investigation of the process $e^+e^- \rightarrow \mu^-\mu^+$ in transversely polarized contrary beams 8-62384
- Gulik-Krzywicki, T., Costello, M.J.** The use of low temperature X-ray diffraction to evaluate freezing methods used in freeze-fracture electron microscopy 8-57145
- Guljamov, U.G.** *see* Shabratova, G.S. 8-82359
- Gulkanyan, G.R.** *see* Baturov, Yu.A. 8-54745, 8-89855
- Gulkis, S., Janssen, M.A., Olsen, E.T.** Evidence for the depletion of ammonia in the Uranus atmosphere 8-53870
- Gulkis, S.** *see* Batty, M.J. 8-69692
- Gulkis, S.** *see* Klein, M.J. 8-85889
- Gulkis, S.** *see* Murray, B. 8-61759
- Gul'ko, A.D.** *see* Bulgakov, M.I. 8-60347
- Gul'ko, N.V.** *see* Sukharevskii, B.Ya. 8-83806
- Gull, G.E.** *see* Melnick, G. 8-65510
- Gull, S.F., Daniell, G.J.** Image reconstruction from incomplete and noisy data 8-53837
- Gull, S.F.** *see* Birkinshaw, M. 8-86021, 8-96551
- Gull, T.R.** *see* Boggess, A. 8-96383
- Gull, T.R.** *see* Boksenberg, A. 8-96540
- Gull, T.R.** *see* Lane, A.L. 8-93133
- Gullberg, G.T.** *see* Budinger, T.F. 8-77105
- Gullickson, R.L., Sahlin, H.L.** Measurements of high-energy deuterons in the plasma-focus device 8-59671
- Gullikson, E.M.** *see* Henke, B.L. 8-49944
- Gully, J.** *see* Wildi, P. 8-74483
- Gully, J.H., Driga, M.D., Grant, B., Rylander, H.G., Tolk, K.M., Weldon, W.F., Woodson, H.H.** Design, fabrication and testing of a fast discharge homopolar machine (FDX) 8-54952
- Gul'man, M.B.** *see* Kogan, L.I. 8-53750
- Gulshani, P.** Exact canonically conjugate momentum to the quadrupole tensor and a microscopic derivation of the nuclear collective hamiltonian 8-78251
- Gulubkov, A.V., Kartenko, N.F., Sergeeva, V.M., Smirnov, I.A.** New information on the homogeneity region of samarium monosulfide 8-91334
- Gulyaev, A.P., Guzovskaya, M.A.** Martensitic transformation in iron 8-56636
- Gulyaev, V.V.** *see* Beseda, V.A. 8-86283
- Gulyaev, Y.V., Kozorezov, A.G.** On the validity criteria of the phenomenological theory of electron absorption and amplification of sound in semiconductors 8-91733
- Gulyaev, Y.V.** *see* Bugaev, A.S. 8-64068
- Gulyaev, Yu.V., Grigor'yants, V.V., Ivanov, G.A., Potapov, V.T., Sosnin, V.P., Tregub, D.P., Chamorovskii, Yu.G., Elenkig, B.B., Koreneva, N.A.** Experimental observation of the dispersion of a light pulse in a graded-index glass fibre with an M-like refractive index distribution 8-71225
- Gulyaev, Yu.V., Plesskii, V.P.** Slow-shift surface acoustic waves in attenuating solid-body surface structures 8-79872
- Gulyaev, Yu.V., Plesskii, V.P.** Acoustic gap waves in piezoelectric materials 8-50970
- Gulyaev, Yu.V., Plesskii, V.P.** Resonant transmission of an acoustic wave across a gap between piezoelectrics 8-87855
- Gulyaev, Yu.V.** *see* Prokhorov, A.M. 8-79106
- Gulyamov, U.G.** *see* Basova, E.S. 8-82358
- Gulyayev, Yu.V., Ivanov, S.N., Kotelyanskii, I.M., Mansfel'd, G.D.** The possibility of building an electro acoustic amplifier employing a GaAs n-n⁺ epitaxial structure 8-59235
- Gulyayev, Yu.V., Shkerdin, G.N.** Laser with distributed feedback, created by an acoustical wave and Bragg reflectors 8-79043
- Gumbataliev, M.A.** Cylindrical tube vibrations in viscous incompressible liquid 8-55636
- Gumenyuk, A.I., Kulinkovich, A.E.** Solution of commercial geophysical problems by electronic computers in interactive regime 8-69481

- Gumenyuk, B.P., Karnaukhov, V.G. On the effect of thermomechanical conjugation on dynamic behaviour of visco-elastic rod under forced longitudinal oscillations 8-67074
- Gumenyuk, G.A., Sivkov, N.I., Shitik, A.V. Thermostabilized optical head of an infrared radiometer 8-86316
- Guminetskii, S.G. see Zhitaryuk, V.G. 8-82908
- Gunawardana, R. see James, P.K. 8-88894
- Gunaydin, M., Piron, C., Ruegg, H. Moufang plane and octonionic quantum mechanics 8-69999
- Gunchenko, A.I. see Lukachina, E.N. 8-52737
- Gundel, H., Irmer, J. Emission properties of nitrogen laser discharges 8-71093
- Gundel, H., Kable, W., Seliger, K. On the breakdown of large area nanosecond discharges 8-71614
- Gundel, H. see Bohmeyer, W. 8-71618
- Gunder, O.A. see Biteman, V.B. 8-76530
- Gundersen, G., Hedberg, K., Strand, T.G. Electron diffraction from gaseous tellurium hexafluoride at 20, 90, and 150°C. Molecular structure and three-atom scattering 8-66662
- Gundersen, H.J.G. Notes on the estimation of the numerical density of arbitrary profiles: the edge effect 8-58024
- Gundersen, M. see Bushnell, A.H. 8-58995
- Gunderson, B. see Brandelik, R. 8-62416
- Gundlach, R.B., Parks, J.L. Influence of abrasive hardness on the wear resistance of high chromium irons 8-64722
- Gundorov, V.V. see Virgil'ev, Yu.S. 8-88605
- Gunduz, G. see Somer, S.N. 8-81377
- Gunion, J.F. see Brodsky, S.J. 8-82225
- Gunji, H. see Kanda, Y. 8-95827
- Gunji, K. see Nakamura, H. 8-75869
- Gunji, K. see Natsume, H. 8-54841
- Gun'ko, L.P., Kokorin, V.V. Transformation of the distribution of diffuse electron scattering intensity during the martensitic deformation of aged austenite 8-60669
- Gun'ko, V.M., Kucherov, R.Ya. Charged-particle and energy fluxes at the boundary of a plasma with a geometrically extended electrode 8-79442
- Gunn, D.J. Transfer of heat or mass to particles in fixed and fluidised beds 8-51234
- Gunn, J.E. The nature of the nebulaosity around BL Lac objects 8-57648
- Gunn, J.E., Lee, B.W., Lerche, I., Schramm, D.N., Steigman, G. Some astrophysical consequences of the existence of a heavy stable neutral lepton 8-93091
- Gunn, J.E. see Laing, R.A. 8-54067, 8-77613
- Gunn, P.J. Inversion of airborne radiometric data 8-77347
- Gunnarsson, O. Band magnetism in the spin-density-functional formalism 8-68140
- Gunnarsson, O., Schonhammer Plasmon effects on core level spectra of adsorbates 8-60547
- Gunnarsson, O. see Schonhammer, K. 8-68605, 8-80459
- Gunning, B.E.S. Transfer cells and their roles in transport of solutes in plants 8-73148
- Gunning, W.J., Heeger, A.J., Wallis, R.H., Sol, N., Zylbersztein, A. Dielectric constant and microwave conductivity of the vanadium bronze $\text{Na}_{0.33}\text{V}_2\text{O}_5$ 8-60378
- Gunshor, R.L. see Elliott, J.K. 8-66988
- Gunsler, B., Kirn, M. A new electrolyte for the polishing of tantalum and Ta-N, Ta-O and Ta-N-O alloys for transmission electron microscopy 8-85094
- Gunsteren, W.F. van see van Gunsteren, W.F.
- Gunten, H.R. von see von Gunten, H.R.
- Gunten, H.R. von see Von Gunten, H.R.
- Gunten, W.R. von see Von Gunten, W.R.
- Gunter, B., Sallie, N. Influence of gravitational waves on elastic solids 8-81904
- Gunter, P. see Berg, W.F. 8-84246
- Gunthard, H.H. see Ha, T.-K. 8-90077
- Gunther, C. see Mertin, D. 8-70483
- Gunther, C. see Tischler, R. 8-93969
- Gunther, E. NUKLID—a program for automatic identification of lines in Ge(Li)-spectra 8-58536
- Gunther, G. see Rao, G.N. 8-66243
- Gunther, K.G. see Bernus, F.V. 8-72042
- Gunther, K.-O. see Kosfeld, R. 8-84933
- Gunther, L., Weaver, D.L. Monte Carlo simulation of Brownian motion with viscous drag 8-61984
- Gunther, L. see Malz, D. 8-82036
- Gunther, P.P. see Perfliev, Y.D. 8-80775
- Gunther, R. see Tietze, H. 8-94506
- Gunther, S., Lutz, O., Nolle, A., Schrade, P.G. Temperature dependence of the nuclear quadrupole frequencies of ^{23}Na and ^{187}Re in NaReO_4 8-95529
- Gunther, S. see Gauss, W. 8-84487
- Gunther, W. see Bartsch, H. 8-93961
- Gunther, W.H.H. see Ziolo, R.F. 8-60315
- Gunther Schneider, H. see Rost, J. 8-95885
- Guntherodt, G., Grunberg, P., Anastassakis, E. Phonon Raman scattering of an FCC metal: GdS 8-60458
- Guntherodt, G., Merlin, R., Frey, A., Cardona, M. Optic phonon anomalies and f-d hybridization in SmS and SmB_6 8-92080
- Guntherodt, G., Merlin, R., Frey, A., Holtzberg, F. f-d hybridization, valence fluctuation and phonon spectrum of SmS 8-60464
- Guntherodt, G. see Merlin, R. 8-60457, 8-60515, 8-84581
- Guntherodt, H.-J., Muller, M., Oberle, R., Hauser, E., Kunzi, H.-U., Liard, M., Muller, R. Noncrystalline transition metals 8-95280
- Guntherodt, H.-J. see Muller, M. 8-95415
- Guntina, T.A. see Budenkov, G.A. 8-72980
- Guntton, J.D. see Droz, M. 8-87768
- Gunsev, D.F. see Sukomel, A.S. 8-83481
- Gunyaev, G.M. see Kobets, L.P. 8-68752
- Guo Jun-Sheng, Sun Xi-Jun, Xu Xiao-Ji, Wang Jun, Liu Hong-Ye The measurement of the excitation functions of isotopes of Fr and At, produced in the bombardment of ^{12}C on ^{209}Bi 8-82387
- Guo Ke-Xin Reduced cells and the indexing of electron diffraction patterns 8-67625
- Guo Ke-Xin On the extinction problem in the automatic indexing of electron diffraction patterns 8-91204
- Guo-Liang Cheng see Cheng Guo-Liang
- Guo-Xiang Ai see Ai Guo-Xiang
- Guo-Zhen Yang see Yang Guo-Zhen
- Gupalov, M.S., Medvedev, V.K., Smereka, T.P., Babkin, G.V., Palyukh, B.M. Adsorption of lanthanum on the (100) face of a tungsten single crystal 8-67912
- Gupalo, Yu.P., Polyaniin, A.D., Ryazantsev, Yu.S., Sergeev, Yu.A. Convective diffusion to a solid particle in a gas stream with nonlinear kinetics of a heterogeneous chemical reaction 8-83499
- Gupt, C. see Shivpuri, R.K. 8-66178, 8-70415
- Gupta, A.K. Outgassing in vacuum systems 8-81994
- Gupta, A.K., Aravind, P.K., Singwi, K.S. Plasmon dispersion in electron liquid 8-56099
- Gupta, A.K., Singh, K. Refractive images in the instance of optimally balanced coma: an annular object 8-50710
- Gupta, A.K., Singh, K. Influence of optimum balanced coma on diffraction images of bar and edge objects 8-74850
- Gupta, A.P., Pathak, N. Effect of secondary terms on bending of beams 8-79237
- Gupta, A.P., Pathak, N. Bending of a stepped beam 8-94600
- Gupta, A.P. see Shanker, J. 8-55833
- Gupta, A.S., Nagpal, O.P., Setty, C.S.G.K. Travelling ionospheric disturbances and their possible correlation with jet stream activity 8-69601
- Gupta, A.S. see Dandapat, B.S. 8-51244
- Gupta, A.S. see Singh, L. 8-69599
- Gupta, B. see Bhatnagar, K.B. 8-53803
- Gupta, B.D., Goyal, I.C., Ghatak, A.K. Flash photolysis of rhodopsin in rabbit 8-76996
- Gupta, B.K., Agnihotri, O.P. Structural investigations of spray deposited CdS films doped with Cu, In and Ga 8-71713
- Gupta, B.K. see Agnihotri, O.P. 8-83046
- Gupta, C.K. see Sharma, I.G. 8-68647
- Gupta, C.K. see Suri, A.K. 8-72748
- Gupta, C.L., Sharma, M.N., Bhattacharya, A.K. Anderson-Gruneisen parameter for cubic crystals 8-79672
- Gupta, C.L., Tyagi, R.C. Thermally stimulated current studies of pure and doped polyvinyl fluoride 8-64315
- Gupta, C.L. see Jain, V.K. 8-88052
- Gupta, D.K. see Sharma, D.K. 8-87947
- Gupta, D.P. see Agarwal, R.P. 8-81801
- Gupta, G. see Sharan, R. 8-92471
- Gupta, G.P., Dickson, D.P.E., Johnson, C.E., Wanklyn, B.M. A Mossbauer investigation of Rb_2FeF_6 : A one-dimensional antiferromagnetic system 8-95533
- Gupta, G.P., Mathur, K.C. Differential cross section for the excitation of the 2s state of atomic hydrogen by electron and positron impact at intermediate energies 8-86953
- Gupta, G.P., Mathur, K.C. Differential cross sections for the elastic scattering of electrons by hydrogen atoms at intermediate energies 8-90293
- Gupta, G.P., Singh, R.N. Guidance of whistler-mode waves through the plasma-sphere 8-93054
- Gupta, G.R., Mishra, D.K., Yadav, B.R. The Porbandar cyclone of October 1975 8-85626
- Gupta, G.S., Bawa, S.R. Radiation effects on testes. XIII. Studies on isocitrate dehydrogenases following partial-body gamma irradiation 8-80923
- Gupta, G.S., Bawa, S.R. Radiation effects on testes. XIV. Studies on glucose 6-phosphate dehydrogenase following partial-body gamma irradiation 8-80924
- Gupta, H.K., Combs, J. Investigation of isoseismals for some large magnitude earthquakes in China 8-92788
- Gupta, H.M.S. see Banu, H. 8-93946
- Gupta, H.M.S. see Sen Gupta, H.M.
- Gupta, H.O. see Lahiry, S. 8-52344
- Gupta, I.J., Trikha, S.K. The reduced conductivity of dielectrics when both boundary and dislocation scatterings are important at low temperatures 8-67872
- Gupta, I.J., Trikha, S.K. Lattice thermal conductivity of solid neon in the temperature range 0.5 to 10K 8-79830
- Gupta, J. see Banerjee, M.B. 8-90833
- Gupta, J.B. see Kumar, K. 8-89795
- Gupta, J.N. see Wintz, P.A. 8-61626
- Gupta, J.R. see Banerjee, M.B. 8-59370, 8-71329, 8-90834
- Gupta, K. see Goswami, K.N. 8-63851
- Gupta, K. see Pirjola, R. 8-85334
- Gupta, K.C. see Garg, R. 8-78863
- Gupta, K.G., Laubitz, M.J., Feingold, A. An apparatus to measure the effect of moisture content of granular materials on their thermal conductivity 8-53064
- Gupta, K.K. On a numerical solution of the plastic buckling problem of structures 8-63342
- Gupta, K.K. Development of a finite dynamic element for free vibration analysis of two-dimensional structures 8-83287
- Gupta, K.K. see Neelakantaswamy, P.S. 8-96119
- Gupta, K.P. see Mittal, R.C. 8-84777
- Gupta, L.S., Pandey, R.N. Linear theory of memory-dependent micropolar viscoelastic materials with stretch 8-73855
- Gupta, M., Freeman, A.J. Electronic structure and proton spin-lattice relaxation in PdH 8-67937
- Gupta, M., Sinha, D.K. Amplification of longitudinal ultrasonic waves in thermopiezosemiconductors 8-60169
- Gupta, M., Sinha, D.K. Amplification of longitudinal acoustic waves in thermopiezosemiconductors 8-76114
- Gupta, M. see Freeman, A.J. 8-63834
- Gupta, M.L., Sharma, S.R. Electrical conductivity of some Indian basalts under various temperature conditions 8-69336
- Gupta, M.L. see Ali, M. 8-79464
- Gupta, M.M., Manohar, R.P. A critique of a second-order upwind scheme for viscous flow problems 8-94744
- Gupta, M.P., Ram, P. The crystal structure of zinc malonate dihydrate $\text{ZnC}_3\text{H}_3\text{O}_4 \cdot 2\text{H}_2\text{O}$ 8-75652
- Gupta, M.P., Sinha, A.P.B. Mossbauer and X-ray diffraction study on cation distribution in CoAl_2O_4 8-95532
- Gupta, M.S. Random walk calculation of diffusion coefficient of hot electrons in two-valley semiconductors 8-68033
- Gupta, N. see Martis, R.J.J. 8-68177
- Gupta, N.P., Jain, K., Mehendru, P.C. Continuous relaxation spectrum of dipoles in VC:VAC copolymer films 8-91700
- Gupta, O.P., Hemkar, M.P. Crystal equilibrium and lattice vibrational properties of the materials of BCC structures 8-55920
- Gupta, O.P., Hemkar, M.P. Crystal equilibrium and lattice dynamics of vanadium 8-75753
- Gupta, O.P., Srivastava, R.S. Structure factor and resistivity of sodium and potassium based on Taya's theory 8-51965
- Gupta, O.P. see Hemkar, M.P. 8-75752
- Gupta, O.P. see Kharoo, H.L. 8-59918
- Gupta, O.P. see Srivastava, K.N. 8-67091
- Gupta, P., Khare, S.P. Elastic scattering of electrons by molecular hydrogen for incident energies 100-2000 eV 8-55237
- Gupta, P.C., Aggarwal, A.K. Evaluation of photographic emulsions using speckle patterns 8-49922
- Gupta, P.C., Arrawatia, M.L., Sisodia, M.L. Dielectric relaxation time and dipole moment of some substituted benzotrifluorides in benzene solutions 8-64320
- Gupta, P.K. A proposal for a tunable coherent source at $16 \mu\text{m}$ 8-90454
- Gupta, P.K. see Moynihan, C.T. 8-83740
- Gupta, P.K.S. On the convergence of eigenfunction expansions associated with a vector-matrix differential equation 8-69965
- Gupta, P.L. see Kixit, L. 8-58682
- Gupta, P.L. see Sharma, S.N. 8-70830
- Gupta, P.N. see Bhatia, P.K. 8-55692
- Gupta, P. see Sen Gupta, P.
- Gupta, R. see Boger, D.V. 8-91037
- Gupta, R. see Bulos, B.R. 8-66489
- Gupta, R. see Liao, K.H. 8-74993
- Gupta, R.B. see Sharma, S.N. 8-70830
- Gupta, R.C. see Bharti, P. 8-52362
- Gupta, R.C. see Kishore, N. 8-64279
- Gupta, R.C. see Saxena, M. 8-64319
- Gupta, R.K., Gupta, S.C. Unsteady flow of a dusty gas in cylinders with circular and sectorial cross sections 8-51231
- Gupta, R.K., Gupta, S.C. Couette flow of a dusty gas between two infinite coaxial cylinders 8-55685

- Gupta, R.K.**, Gupta, S.D. Some operational properties of generalized Legendre transform and their applications. II 8-59256
- Gupta, R.K.**, Pyrvlesku, C., Sendelesku, A., Greiner, W. Further possibilities with Pb targets for synthesizing super-heavy elements 8-86548
- Gupta, R.K.** see Tejwant Singh 8-94770
- Gupta, R.P.**, Panarella, E. Effective-photon scattering cross-section 8-74872
- Gupta, R.P.**, Tse, J.S., Bancroft, G.M. Role of the Sternheimer effect in the ligand field splitting of nuclear and electronic levels 8-70757
- Gupta, R.S.**, De Sousa, S.N., Joseph, T. On nitrogen and phosphorus in the western Bay of Bengal 8-81213
- Gupta, R.S.**, Rao, S.S. Finite element eigenvalue analysis of tapered and twisted Timoshenko beams 8-59327
- Gupta, S.**, Mitchell, E.W.J., Stewart, R.J., Kistorz, G. Anisotropy in the diffuse small angle neutron scattering of reactor-irradiated gallium arsenide 8-51598
- Gupta, S.C.** see Gupta, R.K. 8-51231, 8-55685
- Gupta, S.C.** see Sharma, P.R. 8-83393
- Gupta, S.D.** see Gupta, R.K. 8-59256
- Gupta, S.K.** Reflections and refractions from curved interfaces: model study 8-69294
- Gupta, S.K.**, Kumar, A., Deo, S.R. Effect of chain length and molecular architecture on the second virial coefficient of branched polymer molecules 8-94964
- Gupta, S.K.**, Lal, D. On estimation of mass ablation of meteorites based on studies of cosmic-ray tracks 8-53894
- Gupta, S.K.** see Ackerberg, R.C. 8-51163
- Gupta, S.K.** see Datta, P.S. 8-61438
- Gupta, S.K.** see Gingerich, K.A. 8-78832
- Gupta, S.K.** see Kailas, S. 8-78339
- Gupta, S.K.** see Singal, C.M. 8-72277
- Gupta, S.L.** see Tiwari, S.N. 8-91062
- Gupta, S.L.**, Verma, U.P., Pandey, A.N. Compliance constants of some triatomic systems 8-74797
- Gupta, S.N.** Quantization of higher-spin fields with indefinite metric 8-74156
- Gupta, S.N.** see Barua, D. 8-70315
- Gupta, S.N.** see Pandey, D.K. 8-75143
- Gupta, S.P.**, Sharma, G.C. Stratified viscous flow of variable viscosity between a porous bed and moving impermeable plate 8-90962
- Gupta, S.P.** see Sen Gupta, S.P.
- Gupta, S.R.D.** A note on the H-functions of transfer problems in multiplying media 8-53808
- Gupta, S.R.D.** see Das Gupta, S.R.
- Gupta, S.** see Sen Gupta, S.
- Gupta, T.K.** Instability of cylindrical voids in alumina 8-79603
- Gupta, T.K.**, Lange, F.F., Bechtold, J.H. Effect of stress-induced phase transformation on the properties of polycrystalline zirconia containing metastable tetragonal phase 8-68683
- Gupta, U.C.** see Rao, U.S. 8-90009
- Gupta, U.C.** see Sahoo, H.K. 8-70657
- Gupta, U.S.**, Lal, R. Buckling and vibrations of circular plates of variable thickness 8-90758
- Gupta, V.B.**, Kumar, S. Third phase in poly(ethylene terephthalate) 8-95003
- Gupta, V.K.**, Ramani, N. A note on convolution and padding for two-dimensional data 8-69475
- Gupta, V.N.**, Bryan, J.K., Gowdy, J.N. Speaker-independent vowel identification in continuous speech 8-69113
- Gupta, Y.K.** Embedding class of a conformally flat perfect fluid distribution 8-54272
- Gupta Om Prakash** see Om Prakash Gupta
- Gur, D.**, Rosen, J.C., Bukovitz, A.G., Gill, A.W. Fast and slow neutrons in an 18-MV photon beam from a Philips SL/75-20 linear accelerator 8-65127
- Gura, L.A.** see Kapinos, V.M. 8-83476
- Guralnik, G.** see Cooper, F. 8-66071
- Gur'yanov, A.N.** see Belov, A.V. 8-50936
- Gurari, M.L.**, Ivanyuta, Yu.F., Lushchikov, I.I., Neronova, I.A. Kinetics of the solution of polyoxyethylene in water 8-64913
- Gurari, M.L.** see Abakumov, B.M. 8-50716, 8-74862
- Guratzsch, H.**, Kuhn, B., Kumpf, H., Mosner, J., Neubert, W., Pilz, W., Schmidt, G., Tesch, S. Angular distribution of the final state interaction in the deuteron breakup by protons at $E_p = 8.5$ MeV 8-54751
- Gurbanov, R.S.** see Abidinov, E.T. 8-83265
- Gurd, D.P.** see Beveridge, J.L. 8-62446
- Gurdin, E.K.** see Cheremukhin, G.S. 8-54445
- Gureev, K.G.** Optimal parameters of a non-cylindrical pinch 8-59644
- Gurenko, V.A.** see Volkov, V.A. 8-54411
- Gur'ev, A.V.**, Stolyarchuk, A.S. Determining cyclic ductility of material in low-cycle fatigue tests 8-56835
- Gur'ev, A.V.**, Tarasov, V.P., Stolyarchuk, A.S. Effectiveness of surface plastic deformation of parts made of carbon steel working under short-cycle loading conditions 8-88505
- Gur'ev, A.V.**, Tepitskii, M.Sh. Peculiarities of high-temperature deformation of carbon steels under conditions of superplasticity accompanying thermal cycling under load 8-95776
- Gurev, H.S.** see Sari, S.O. 8-56532
- Gur'ev, V.N.** see Arkatov, Yu.M. 8-66264
- Gur'ev, V.R.** see Koshkin, V.M. 8-78559
- Gurevich, A.G.** see Bairamov, A.I. 8-60338
- Gurevich, A.V.** see Volkov, B.A. 8-67943
- Gurevich, A.Ya.** see Gorbunov, V.I. 8-53125
- Gurevich, E.B.**, Krasnyukov, V.P., Tarkhov, G.N., Chebotarevskii, Yu.V. Temperature field in a plate exposed to laser pulses of finite duration 8-59061
- Gurevich, G.M.**, Lazareva, L.E., Mazur, V.M., Merkulov, S.Yu., Solodukhov, G.V., Tyutin, V.A. Width of the E1 giant resonance of deformed nuclei in the $150 < A \leq 186$ region 8-78348
- Gurevich, I.M.** see Bykhovskaya, L.N. 8-51391
- Gurevich, I.Ya.** see Mohamed, S.M. 8-53274
- Gurevich, L.E.**, Krylov, E.T. Two thermal effects in pure crystals of normal metals and superconductors 8-60245
- Gurevich, L.I.**, Gromov, V.E., Kurilov, V.F., Sergeev, V.P. Mobility of dislocation half-loops of various widths in NaCl crystals 8-59817
- Gurevich, M.Yu.** see Gertsriken, D.S. 8-55974
- Gurevich, V.A.** Dynamics of a Bloch wall in a ferromagnet 8-68291
- Gurevich, V.A.** Dynamics of a twisted domain wall in a ferromagnet 8-68340
- Gurevich, V.A.** see Berezhnoi, A.A. 8-68480
- Gurevich, V.A.** see Buchelnikov, V.D. 8-76267
- Gurevich, Yu.G.** see Grintsov, A.S. 8-60657
- Gurevich, Yu.Ya.**, Kharkats, Yu.I. Phase transitions in superionic crystals induced by an electric field 8-63856
- Gurevich, Yu.Ya.**, Kharkats, Yu.I. Transitions in superionic crystals 8-75826
- Gurevitz, E.** see Shamir, N. 8-52217, 8-91844
- Gurgenishvili, G.E.** see Gongadze, A.D. 8-87840
- Gurin, A.I.** see Razygrayev, A.P. 8-73602
- Gurin, V.N.** see Korsukova, M.M. 8-79596
- Gurinovich, G.P.** see Dzhagarov, B.M. 8-68987
- Gurinovich, G.P.** see Zenkevitch, E.I. 8-64924
- Gurker, N.** Resolution-enhancement by deconvolution 8-82087
- Gurkovskaya, A.V.**, Buryi, V.A. Biophysical properties of smooth muscles of elastic arteries 8-69011
- Gurkovskaya, A.V.** see Buryi, V.A. 8-69027
- Gurland, J.** see Exner, E.L. 8-76739
- Gurland, J.** see Lee, H.C. 8-52974
- Gurland, J.** see Pickens, J.R. 8-52975
- Gurland, J.** see Rawal, S.P. 8-60785
- Gurmen, E.** see Daughton, W.J. 8-55932
- Gurnett, D.A.**, Frank, L.A. Plasma waves in the polar cusp: observations from Hawkeye 1 8-77422
- Gurnett, D.A.**, Scarf, F.L., Fredricks, R.W., Smith, E.J. The ISEE-1 and ISEE-2 plasma wave investigation 8-85802
- Gurnett, D.A.** see Scarf, F.L. 8-85794
- Guro, H.** Continuum description of void nucleation 8-87707
- Gurov, K.P.**, Izraelva, L.K., Kolomiitsev, L.I. Kinetics of positive space-charge formation in the insulator of an MIS device under irradiation 8-76155
- Gurov, K.P.**, Pimenov, V.N., Radovskii, S.G. Laws governing diffusive interaction between solid and liquid metals using copper-indium systems as example 8-95156
- Gurov, K.P.** see Khlomov, V.S. 8-91490
- Gurov, K.P.** see Nazarov, A.V. 8-59966
- Gurov, K.P.** see Pimenov, V.N. 8-52826, 8-55990
- Gurov, S.V.** see Aivazov, M.I. 8-52018
- Gurov, V.A.** see Polyaniinov, A.V. 8-87979
- Gurovich, V.Ts.** see Desyatkov, G.A. 8-71584
- Gurp, G.J.** van see van Gurp, G.J.
- Gursey, F.**, Marchildon, L. The graded Lie groups $Su(2,1)$ and $OSp(1/4)$ 8-57735
- Gursey, F.**, Marchildon, L. Spontaneous symmetry breaking and nonlinear invariant Lagrangians: applications to $SU(2) \times U(1)$ and $OSp(1/4)$ 8-70303
- Gurski, T.R.**, Epps, H.W., Maran, S.P. Upconversion of broadband infrared spectra 8-55406
- Gurskii, M.N.** see Berlyand, V.A. 8-73257
- Gursky, H.**, Bradt, H., Doxsey, R., Schwartz, D., Schwarz, J., Dower, R., Fabbiano, G., Griffiths, R.E., Johnston, M., Leach, R., Ramsey, A., Spada, G. Measurement of X-ray source positions by the scanning modulation collimator on HEAO 1 8-93459
- Gursky, H.** see Dupree, A.K. 8-96569
- Gursky, H.** see Johnston, M. 8-93467
- Gursky, H.** see Parsignault, D.R. 8-81716
- Gursky, H.** see Schwartz, D.A. 8-96570
- Gurson, A.L.** Porous rigid-plastic materials containing rigid inclusions—yield function, plastic potential and void nucleation 8-64612
- Gurtin, M.E.**, Murdoch, A.I. Surface stress in solids 8-63290
- Gurtler, J.** see Dorschner, J. 8-57614
- Gurtler, J.** see Friedemann, C. 8-57563
- Gurtler, P.** see Peatman, W.B. 8-94294
- Gurtler, R.W.**, Baghdadi, A., Ellis, R.J., Lesk, I.A. Silicon ribbon growth via the ribbon-to-ribbon (RTR) technique: process update and material characterization 8-76597
- Gurtman, G.A.** see Maewal, A. 8-71271
- Gurtu, A.** see Aguilar-Benitez, M. 8-82228
- Gurtu, A.** see Cooper, A.M. 8-62465, 8-78205
- Gurtu, A.** see Dionisi, C. 8-89735
- Gurtu, A.** see Gavillet, P. 8-70409
- Gurtu, A.** see Gavillet, Ph. 8-89736
- Gurtu, A.** see Hamatsu, R. 8-66141
- Gurtu, A.** see Nacasch, R. 8-54646
- Guru, N.M.** see Behera, B. 8-58242
- Gurumurthy, G.R.**, Govinda Raju, G.R. Minimum breakdown potentials in $E \times B$ fields 8-67554
- Gurumurthy, G.R.** see Govinda Raju, G.R. 8-51277
- Gururaja, K.**, De, P.K. Elastic stress analysis of an anisotropic compound rotating disk under thermal loading 8-67036
- Gurushankar, G.V.** A note on the yielding of an accelerating, non-homogeneous disc of varying thickness and density with radial loading 8-63322
- Guruswamy, P.** see Bapu Rao, M.N. 8-83297
- Gurvich, A.K.**, Krug, G.A., Yablokov, V.A. An acoustic signalling unit for an ultrasonic echo-type flaw detector 8-53117
- Gurvich, A.K.**, Kuz'mina, L.I., Vevrik, A.E., Kukli, A.S. Determination of the allowable frequency spread of ultrasonic oscillations in flaw detection 8-53089
- Gurvich, A.S.**, Kan, V. Measuring of the four-point field coherence function in the region of random focusing of laser emission 8-58910
- Gurvich, A.S.**, Koubasov, V.N., Leonov, A.A., Simonov, A.I., Kharitonova, T.N. Study of the atmosphere light refraction in 'Apollo-Soyuz' Test Project 8-65383
- Gurvich, A.S.**, Krasil'nikova, T.G. The polarization of the thermal radiation of permanent snow fields from measurements obtained from the 'Meteor' satellite 8-88870
- Gurvich, L.V.** see Starovoitov, E.M. 8-74789
- Gurvitch, M.** see Ghosh, A.K. 8-52122
- Gurvits, E.D.** see Fialkov, A.S. 8-68715
- Gur'yan, Yu.A.**, Mazets, E.P., Sokolov, I.A. Determination of orientation of the axis of a γ -ray telescope on board an Earth satellite 8-53787
- Gur'yanov, A.N.** see Belov, A.V. 8-71226
- Gur'yanov, A.N.** see Belovolov, M.I. 8-71224
- Gur'yanov, A.V.** see Frolov, V.A. 8-95915
- Gurylev, V.K.**, Perevalov, S.P. Scattering of light in antiferromagnetic insulators in a strong magnetic field 8-72523
- Gurzan, M.I.**, Buturiakin, A.P., Gerasimenko, V.S., Korde, N.F., Slivka, V.Yu. Optical properties of $Sn_3P_2S_6$ crystals 8-68514
- Gurzan, M.I.** see Vysochanskii, Yu.M. 8-88263
- Gusak, N.A.** The influence of boundary effects on the quality of operation of electrooptical deflectors 8-71228
- Gusak, N.O.** see Zatselin, N.N. 8-53133
- Gusakova, N.K.** see Leko, V.K. 8-64580, 8-64581
- Gusdal, I.** see McIlwain, A. 8-70660
- Guseinov, B.A.** see Gargatsev, I.O. 8-54394
- Guseinov, I.I.**, Imamov, E.M. Analytical evaluation of one- and two-center spin-spin nuclear attraction integrals over Slater-type orbitals 8-78722
- Guseinov, I.I.**, Mursalov, T.M. Analytical calculation of one-center Coulomb and two-center exchange integrals with a correlation factor r_{12}^k 8-62698
- Guseinov, I.I.**, Mursalov, T.M. Analytical calculation of the one- and two-center integrals of the attraction to the nucleus and the kinetic energy, containing a correlation factor r_{12}^k 8-62699
- Guseinov, M.Sh.**, Amirov, A.M. Effect of manufacturing error on accuracy of a capacitive transducer with small angular displacements 8-89467
- Guseinov, O.Kh.**, Kasumov, F.K., Yusifov, I.M. The luminosity function and the spatial density of pulsars 8-93290
- Gusel'nikov, V.G.** see Berkovskii, A.G. 8-58032
- Gusenkov, G.N.**, Chirkov, I.M. A simple procedure for constructing solutions of nonlinear heat-conduction problems by the Kantorovich method 8-59264
- Gusev, A.V.**, Kalashnikov, A.V., Kravtsova, T.S. Calculation of the mechanical impedances of a circular stiffening ring 8-83320
- Gusev, B.A.** see Lagunov, A.S. 8-49876

- Gusev, E.V., Turoverov, K.K. The applicability of the Alekseyev-Fock method for the separation of complex spectral bands into their individual components 8-90229
- Gusev, G.A., Kuklachev, M.I. Phasemeter for measuring small mechanical vibrations 8-54359
- Gusev, G.K. *see* Koshkin, V.M. 8-78559, 8-86743
- Gusev, G.V. Hermans-Weidinger X-ray diffraction technique of determination of the degree of crystallinity of polymers and Ruland's relationship 8-75582
- Gusev, M.Ye., Novikov, M.A. Differential electro-optic shutter 8-74994
- Gusev, O.B. Experimental determination of electric equivalent-circuit parameters of a loaded piezoelectric transducer 8-51036
- Gusev, V.D., Danilkin, N.P., Denisenko, P.F., Vodolazkin, V.I. Determination of effective electron collision frequency profiles in the ionosphere on the basis of the Volterra equation 8-73525
- Gusev, V.D., Golsynskii, S.M. Statistics of rays in a plane-stratified isotropic medium with isomeric inhomogeneities 8-53773
- Gusev, V.K., Il'in, V.S., Larionov, M.M., Lebedev, A.D., Levin, L.S., Mikhailovskii, Yu.K., Razdobarin, G.T. Laser measurement of the radial distribution of electron density and temperature on Tokamak FT-1 8-59666
- Gusev, V.M., Guseva, M.I., Zykova, N.M., Kolytgin, V.M., Krasukin, Yu.L., Kurakina, T.S., Nedospasov, A.V., Rozina, I.A. Investigation into influence of temperature and crystallographic orientation of target on blistering in vanadium during bombardment by He⁺ ions with energy of 10 keV 8-95083
- Gusev, V.M., Kuperman, A.M., Podvigin, N.F. Identification of a space-time weight function for the receptive field of the external geniculate body 8-64989
- Gusev, V.M., Orlov, I.V. Determination of the impulse weight functions of the primary afferents of the semi-circular canal of the frog 8-69116
- Gusev, V.M. *see* Busharov, N.P. 8-79649
- Gusev, Yu.L., Konoplin, S.N., Marennikov, S.I. Generation of coherent radiation in F₂ color centers in an LiF single crystal 8-50782
- Guseva, I.A. *see* Goritskii, V.M. 8-68762
- Guseva, L.G. *see* Pertsev, A.A. 8-71572
- Guseva, M.I., Ionova, E.S., Zykova, N.M., Kolytgin, V.M., Krasulin, Yu.L., Kurakina, T.S., Nedospasov, A.V., Rosina, I.A. Influence of target structure on blister formation by helium and hydrogen ions bombardment 8-95087
- Guseva, M.I. *see* Busharov, N.P. 8-79649
- Guseva, M.I. *see* Gusev, V.M. 8-95083
- Guseva, O.A. *see* Vakulenko, O.V. 8-92104
- Gushchin, O.A. *see* Kopelevich, O.V. 8-96222
- Gushchin, V.S., Shvarev, K.M., Baum, B.A., Gel'd, P.V. Influence of composition on the optical properties and electronic characteristics of Fe-Ni alloys at high temperatures 8-84601
- Gushchin, V.V., Erokhin, N.S., Moiseev, S.S. Modulation instability of ion Langmuir waves in a nonisothermal plasma 8-71475
- Gushchina, V.K. *see* Bunina, L.O. 8-88511
- Gushcho, Yu.P. *see* Alekhin, V.A. 8-83095
- Gushkina, N.G., Kozhina, I.I., Shmatok, L.K., Komarova, N.V., Nemilov, S.V. The glass-forming region, the properties, and the crystallization of glasses in the ternary BaO-La₂O₃-GeO₂ and ZnO-La₂O₃-GeO₂ systems 8-88454
- Guskos, N., Kuriata, J., Rewaj, T. Spin-lattice coefficients of Gd³⁺ in SrF₂ single crystals 8-72404
- Gus'kov, S.Yu. *see* Basov, N.G. 8-79451
- Gus'kov, V.P., Ivanov, I.V., Rukin, E.I. Resonant 'auto thermostabilization' of ceramic ferroelectric films 8-52451
- Gus'kov, Yu.K., Savvov, R.V., Slobodyanyuk, V.A. Scattering of low energy electrons by CO molecules 8-90306
- Gus'kova, E.I., Ermolova, M.I., Lashko, N.F., Solonina, O.P. Effect of prolonged heating on the thermal stability of phases in $\alpha + \beta$ titanium alloys 8-56672
- Guslina, A.G. *see* Goganov, D.A. 8-78561
- Gussoni, M. *see* Degli Antoni, L. 8-50540
- Gust, W., Predel, B., Dieckstall, K. Concerning the discontinuous precipitation reaction in silver-6.2 at.% copper tri-crystalline specimens. II. Experimental results for fine lamellar discontinuous precipitation at three grain boundaries 8-52822
- Gustafson, C.-G. *see* Bolin, L. 8-92304
- Gustafson, D.E., Willsky, A.S., Jyh-Yun Wang, Lancaster, M.C., Triebwasser, J.H. ECG/VCG rhythm diagnosis using statistical signal analysis. I. Identification of persistent rhythms 8-77141
- Gustafson, D.E., Willsky, A.S., Jyh-Yun Wang, Lancaster, M.C., Triebwasser, J.H. ECG/VCG rhythm diagnosis using statistical signal analysis. II. Identification of transient rhythms 8-77142
- Gustafson, D.E. *see* Thornton, S.T. 8-50070
- Gustafson, D.R. Modified force table experiment 8-69947
- Gustafson, G. *see* Andersson, B. 8-54639
- Gustafson, H.R. *see* DeHaven, C.E., Jr. 8-82244
- Gustafson, R. *see* Oliver, W.P. 8-89857
- Gustafson, S.A., Kortanek, K.O., Sweigart, J.R. Numerical optimization techniques in air quality modeling: Objective interpolation formulas for the spatial distribution of pollutant concentration 8-65412
- Gustafson, T.K. *see* Sui, D.P. 8-56236
- Gustafsson, B. *see* Engquist, B. 8-67281
- Gustafsson, C., Lambert, E. A study of proton-¹²C inelastic scattering at 1 GeV 8-50156
- Gustafsson, Ch. *see* Bengtsson, R. 8-62541
- Gustafsson, T., Plummer, E.W. Valence photoemission from adsorbates 8-95672
- Gustafsson, T. *see* Allyn, C.L. 8-86750
- Gustavino, F. *see* Duchemin, S. 8-60549
- Gustavsen, J.E. *see* Powell, D.L. 8-78715
- Gustavsson, K. *see* Aden, T. 8-86736
- Gustaw, W., Goworek, T., Wawryszczuk, J. Influence of fatigue on positron annihilation in steel 8-76551
- Gusten, H. *see* Ruscic, B. 8-94286
- Gusti, E.Ya. The influence of the concentration of oleic acid and distilled water in oil AC-8 on the impact toughness and dynamic strength of steel 8-56812
- Gustin, D. *see* Wenzl, H. 8-64461
- Gusynin, V.P., Miransky, V.A. On the vacuum rearrangement in massless chromodynamics 8-70327
- Gusynin, V.P., Sitenko, Y.A. Renormalization group and infrared behaviour in theories with coupled massless fields 8-54538
- Gusynin, V.P. *see* Fomin, P.I. 8-89643
- Gut, J. The descent of Kosmos 954 and the surveillance of radioactivity in Switzerland 8-77119
- Gutai, L., Gorog, T. Electrical characterization of GaAs epitaxial layers grown onto a conductive substrate 8-91790
- Gutbrod, H.H. *see* Plasil, F. 8-54797
- Gutcheck, R.A. *see* Dutuit, O. 8-90113
- Gutcher, B., Lewandowska-Marciniak, H. The Rumanian earthquake of 4 March 1977: records and felt intensity in Poland 8-92779
- Guterl, A.C., Jr. *see* Overberger, C.G. 8-95923
- Gutfeld, R.J. *see* von Gutfeld, R.J.
- Guttinger, C. *see* Oron, A. 8-95930
- Gutfreund, H., Weger, M., Kaveh, M. Anharmonic properties of TTF-TCNQ 8-84202
- Gutfreund, H. *see* Horowitz, B. 8-60441
- Gutfreund, H. *see* Shitzkovsky, S. 8-60048
- Guth, A.H. *see* Bernard, C.W. 8-54541
- Guth, D. *see* Neunhofer, H. 8-57170
- Guthmann, C. *see* Bok, J. 8-60254
- Guthmann, C. *see* Bouchriha, H. 8-87913
- Guthrie, B.N.G. Optical properties of radio and cD galaxies 8-93413
- Guthrie, J.E. Routine environmental radiation monitoring program at WNRE 8-82533
- Guthrie, J.T. The use of polystyrene in the modification of the properties and application of cellulosic fibres, membranes and timber composites 8-95727
- Guthrie, M.P. *see* Bertini, H.W. 8-70498
- Guthrie, R.I.L. *see* Irons, G.A. 8-51659, 8-52723
- Guthrie, R.I.L. *see* Salcudean, M. 8-85117
- Guthrie, R.J., Witt, D.C. The control system for a hydraulically-powered 'dummy rider', built to test platform-type two-leg prostheses of the 'Duckling' type 8-57124
- Gutierrez, A.R. *see* Eastman, M.P. 8-73020
- Gutierrez, C., Lopez, M.C. Increase of the rest potential of nonstoichiometric lead sulfide in 0.1 M borax with its p-semiconducting character 8-56170
- Gutierrez, R.H., Laura, P.A.A. Coupled flexural-torsional vibrations of a beam elastically restrained at one end and carrying a concentrated mass at the other 8-90751
- Gutierrez, R.H. *see* Laura, P.A.A. 8-51082
- Gutjahr, W.A.L. *see* Flores, E.Z. 8-81241
- Gutman, A.I. *see* Averkiew, S.A. 8-88342
- Gutman, A.M., Morgenshtern, Y.Ya. Possible mechanism of the genesis of the magnetoecephalogram 8-53432
- Gutman, E.M., Budilova, E.V., Davydov, S.N. Unit for determining mechanicochemical behavior of metals 8-60905
- Gutman, I. Graph-theoretical formulation of Forsman's equations 8-55265
- Gutman, I. A method for calculation of resonance energy of benzenoid hydrocarbons 8-70762
- Gutman, I. A rule for charge distribution in non-alternant hydrocarbons 8-90060
- Gutman, L.N. *see* Speranskii, L.S. 8-61521
- Gutman, T.L. *see* Avdeev, F.N. 8-90619
- Gutman, W.M. *see* Lin, C.L. 8-54473
- Gutner, B.M. *see* Goryunov, E.P. 8-78527
- Gutnik, G.N. *see* Bubro, K.K. 8-86279
- Gutorov, O.I., Kucherenko, G.N., Konopleva, G.P. High accuracy rotary viscometers 8-91039
- Gutowski, P.R., Treitel, S., Robinson, E.A. Spectral estimation: fact or fiction 8-53734
- Gutshabash, S.D., Turikov, V.G. Flux of near-IR solar radiation in the atmosphere 8-81299
- Gutsze, D. *see* Pfeifer, H. 8-60027
- Gutteridge, P.A. Stretching flows for thin film production. II. Film-stretching over a conical mandrel 8-71304
- Gutteridge, P.A. *see* Pearson, J.R.A. 8-71303
- Guttinger, H. *see* Bilgram, J.H. 8-59935
- Guttman, A.J., Nymeyer, A. Critical behaviour of an isotropic spin system. II 8-60290
- Guttman, A.J. On the zero-field susceptibility in the d=4, n=0 limit: analysing for confluent logarithmic singularities 8-54308
- Guttman, A.J., Gaunt, D.S. On the asymptotic number of lattice animals in bond and site percolation 8-54310
- Guttmann, A.J., Whittington, S.G. Self-avoiding walks in a slab of finite thickness: a model of steric stabilisation 8-54309
- Guttmann, A.J. *see* Barber, M.N. 8-81927
- Guttmann, A.J. *see* Gaunt, D.S. 8-70067
- Guttner, J. *see* Bartussek, W. 8-53541
- Guttner, K. *see* Geissel, H. 8-86718
- Gutormsen, M., Osnes, E., Rekstad, J., Lovhoiden, G., Straume, O. Particle-rotor model description of the negative-parity states in the transitional ¹⁵¹Sm nucleus 8-50080
- Gutz, I.G.R. *see* Molina, M. 8-88637
- Gutzev, G.L., Levin, A.A. DVM X α calculations of ionization potentials of the SF₆ molecule 8-78837
- Gutzwiller, M.J. *see* Craig, R.J. 8-52871
- Guyen, H.H., Kardon, B., Seyfarth, H. Gamma spectroscopic study of ¹⁰⁵Ru 8-82312
- Guy, A.G. Inequality of the flux of atoms and of the counter flux of vacancies 8-95178
- Guy, A.W. *see* Chung-Kwang Chou 8-53443
- Guy, C.N. Spin glasses in low DC fields. II. Magnetic viscosity 8-64209
- Guy, C.N., Howarth, W. Non-uniform magnetisation and the vibrating-sample magnetometer 8-54414
- Guy, J.G. *see* Borreani, G. 8-82232
- Guy, J.G. *see* Enriquez, O. 8-78170
- Guy, J.G.V., Hallowell, P.J. Automatic measurement of events from track sensitive target experiments 8-55105
- Guyader, J. *see* Grekov, F.F. 8-63726
- Guyader, J.L., Lesueur, C. Acoustic transmission through orthotropic multilayered plates. II. Transmission loss 8-83143
- Guyader, J.L., Lesueur, C. Acoustic transmission through orthotropic multilayered plates. I. Plate vibration modes 8-83142
- Guyenot, V. Trends of development of the assembling technology of high performance objectives 8-71182
- Guyer, D.R. *see* Koffend, J.B. 8-90413
- Guyer, H., Meyer, V., Muller, H.H., Reichart, W., Schober, P., Jasicek, H., Oberhammer, H., Riehs, P., Wagner, R., Pfeifer, W. A microscopic analysis of the low lying levels in ⁸⁶Sr with the reaction ⁸⁹Y(p, α)⁸⁶Sr 8-70449
- Guyer, R.A., Miller, M.D. The sine-Gordon chain: equilibrium statistical mechanics 8-57850
- Guyer, R.A., Miller, M.D. The sine-Gordon chain. II. Nonequilibrium statistical mechanics 8-62145
- Guyer, R.A. *see* Harding, D. 8-65645
- Guyomont, M. *see* Fayard, M. 8-83829
- Guyomarch, A. *see* Michel, C. 8-51729, 8-83797
- Guyon, E., Velarde, M.G. Benard-Marangoni instability in nematics 8-75538
- Guyon, E. *see* Ottavi, H. 8-60097
- Guyon, E. *see* Papirer, E. 8-68918, 8-68919
- Guyonnet, J.L. *see* Enriquez, O. 8-82195
- Guyonnet, R. *see* Canh Tran Minh 8-73099
- Guyot, J.C. *see* Farcy, J.C. 8-59057
- Guyot, M. *see* Kawai, Y. 8-67354
- Guyssse, J. *see* van Guyssse, J.
- Guz', A.N. Stability of compressible cylinders under uniform compression 8-55577
- Guz', A.N. Linearized theory of elastic wave propagation in initially stressed bodies 8-83318
- Guz', A.N. Stability of noncompressible cylinders under all-round compression 8-90708
- Guz', A.N., Cherevko, M.A. Diffraction of a shear wave at a row of round elastic fibers 8-67083
- Guz', A.N., Kokhanenko, Yu.V. Solution of plane 2-dimensional elastic stability theory problems for plates with inhomogeneous precrutal states 8-49665
- Guz, A.N., Kuliev, G.G., Tsurpal, I.A. On fracture of brittle materials from loss of stability near a crack 8-55597

- Guz', G.V.** Use of the small parameter method in problems of thermoelastic equilibrium in a multiply-connected plate with convective heat exchange 8-63301
- Guz', I.S., Yanyutin, E.G., Titarev, V.G.** Use of acoustic emission signals for determining the coordinates of developing defects in anisotropic shells and plates 8-80707
- Guza, R.T.** *see* Bowen, A.J. 8-73380
- Guzdar, P.N., Liu Chen, Kaw, P.K., Oberman, C.** Effect of magnetic shear on dissipative drift-wave instabilities 8-75297
- Guzdar, P.N., Sen, A.** Non-resonant pump field modification of the sidescatter threshold 8-67362
- Guzdar, P.N.** *see* Liu Chen 8-83552
- Guzei, L.S.** *see* Drits, M.E. 8-56619
- Guzei, L.S.** *see* Ivanov, V.K. 8-95820
- Guzev, A.A., Kuryshchev, G.L., Rzhzanov, A.V.** A study of charge trapping in MNOS structures with tunneling-thickness silicon dioxide films 8-95379
- Guzev, A.A., Kuryshchev, G.L., Rzhzanov, A.V.** The hole mobility in surface channels in silicon MNOS structures with tunneling-thickness silicon dioxide layers 8-95380
- Guzhva, Yu.G.** *see* Batygin, V.V. 8-82655
- Guzik, Z.** *see* Basiladze, S.G. 8-78576
- Guzovskaya, M.A.** *see* Gulyaev, A.P. 8-56636
- Guzzardi, R.** *see* Pistolesi, M. 8-61250
- Guzzi, M.** *see* Grill, E. 8-84549
- Gvildys, J.** *see* Chang, Y.W. 8-70618
- Gvozdic, N.** *see* Patel, V.M. 8-76855
- Gwan, P.B.** Growth of single crystals of low-melting point materials 8-76599
- Gwinn, W.D.** *see* Dykstra, C.E. 8-66532
- Gwinn, W.D.** *see* Renkes, G.D. 8-70107
- Gwo-Chung Lin** *see* Giddings, J.C. 8-61062
- Gyarmathy, G.** *see* Dzung, L.S. 8-71384
- Gyarmati, E., Penkalla, H.J.** A qualitative model for pyrocarbon deposition in fluidized bed—results of an investigation with a Stromeingrohr 8-56595
- Gygax, F.N.** *see* Birnbaum, H.K. 8-80269
- Gygax, F.N.** *see* Camani, M. 8-82259
- Gymoese, E.** *see* Andersen, J.D. 8-81034
- Gyorffy, B.L., Temmerman, W.M., Jordan, R., Lloyd, D.R., Quinn, C.M., Richardson, N.V., Stocks, G.M.** Angle-resolved photoemission from Cu₂Ni_{1-x} random alloys 8-95683
- Gyorffy, B.L.** *see* Durham, P. 8-95620
- Gyorffy, B.L.** *see* Giuliano, E.S. 8-95258
- Gyorffy, B.L.** *see* Gordon, B.E. 8-95257
- Gyorffy, B.L.** *see* Stocks, G.M. 8-84125
- Gyorffy, B.L.** *see* Temmerman, W.M. 8-95256
- Gyorgy, E.M., LeCraw, R.C., Blank, S.L., Pierce, R.D., Johnson, D.W., Jr.** Dependence of oxygen diffusion in epitaxial YIG:Ca on defect concentration 8-67857
- Gyorgy, E.M.** *see* Dillon, J.G., Jr. 8-68349
- Gyorgy, E.M.** *see* Flanders, P.J. 8-64251
- Gyorgy, E.M.** *see* LeCraw, R.C. 8-91706
- Gyorgy, E.M.** *see* Mahajan, S. 8-64219
- Gyorgy, E.M.** *see* Mely Chen Chi 8-64217
- Gyorgy, E.M.** *see* Wakiyama, T. 8-80184
- Gyori, A.** *see* Ketskemeti, I. 8-68540
- Gysen, M.** *see* Ajinenko, I.V. 8-58206
- Gysler, A., Lutjering, G.** Fracture behaviour and tensile properties of titanium alloys at elevated temperatures 8-60822
- Gysler, A.** *see* Lutjering, G. 8-60781
- Gyu Kim Hi** *see* Kim Hi Gyu
- Gyulai, J.** *see* Revesz, P. 8-91554
- Gyulassy, M.** *see* Kauffmann, S.K. 8-81917
- Gzielo, A.** *see* Janas, M. 8-52775
- Gzowski, O., Klonkowski, A., Lizak, W., Gryczynski, I.** Diffusion of Cu⁺ ions in binary phosphate glasses 8-59980
- Gzowski, O.** *see* Chomka, W. 8-80283
- Ha, J.Gonzalez** *see* Gonzalez H, J.
- Ha, J.C.** Van der *see* Van der Ha, J.C.
- Ha, T.-K.** On the lower excited electronic states of biacetyl 8-74589
- Ha, T.-K., Groner, P., Bauder, A., Gunthard, H.H.** Barrier to internal rotation of dimethyl ether: ab initio SCF study including structure relaxation and comparison to experimental results 8-90077
- Ha Du Khak** *see* Du Khak Ha
- Ha Vin Tan** *see* Nguyen Van Trong 8-76013
- Haaf, F.E.L.** Ten *see* Ten Haaf, F.E.L.
- Haag, F.G.** State noise restrictions—1977 8-59203
- Haag, R., Bannier, O.** Comments on Mielnik's generalized (non linear) quantum mechanics 8-57852
- Haagen, C.W.** Ten *see* Ten Haagen, C.W.
- Haagen, H.** *see* Funke, W. 8-64764
- Haagensen, P.J.** Fatigue crack growth in steel in air and sea water under constant amplitude and random loading 8-64679
- Haan, J.W.** De *see* De Haan, J.W.
- Haan, M.** de *see* de Haan, M.
- Haan, M.** De *see* De Haan, M.
- Haan, P.** de *see* de Haan, P.
- Haan, P.H.** De *see* De Haan, P.H.
- Haar, D.** ter *see* ter Haar, D.
- Haar, D.** Ter *see* Ter Haar, D.
- Haar, H.-P., Hauser, M.** Phase fluorometer for measurement of picosecond processes 8-66691
- Haar, L., Gallagher, J.S.** Thermodynamic properties of ammonia 8-93636
- Haar, T.H.** Vonder *see* Vonder Haar, T.H.
- Haarer, D.** *see* Brillante, A. 8-72540
- Haas, A., Willner, H.** Matrix IR spectrum and force field of ³²S and ³⁴S sulphur difluoride 8-74662
- Haas, B., Beck, F.A., Gehringer, C., Merdinger, J.C., Schulz, N., Taras, P., Toulouse, M., Vivien, J.P., Styczen, J., Bozek, E., Stachura, Z., Pawlat, T., Muller-Arnke, A.** High-spin neutron particle-hole states in even N=28 isotones 8-54675
- Haas, B.** *see* Khoo, T.L. 8-89778
- Haas, C.** Chemical bond model of lattice distortions in hexagonal layers 8-79560
- Haas, C.** *see* Heikens, H.H. 8-52242, 8-60269, 8-87971
- Haas, C.** *see* Smit, T.J.M. 8-95262
- Haas, C.** *see* Van Der Valk, H.J.L. 8-68362
- Haas, E.W., Glawisching, H., Licht, G., Bleier, A.** Activation analytical investigation of contamination and cross-contamination in ion implantation 8-83837
- Haas, F.** *see* Baumann, P. 8-74386
- Haas, F.A.** *see* Fielding, P.J. 8-91143
- Haas, G., Keilhacker, M., Lackner, K.** Comparison of different refuelling methods with respect to plasma contamination 8-94133
- Haas, G.A.** *see* Thomas, R.E. 8-76565
- Haas, H.** *see* Rinneberg, H. 8-95535
- Haas, J.** *see* Chrichton, R.R. 8-77021
- Haas, J.** *see* Perko, L. 8-65983
- Haas, L.D.** *see* Palmethofer, L. 8-59831
- Haas, L.J.** de *see* de Haas, L.J.
- Haas, R., Miczka, T., Opara, U., Quabach, K., Schwill, W.J.** Measurement of the polarization of the A⁰ in the reaction $\gamma + p \rightarrow K^+ + A^0$ in the resonance region 8-66131
- Haas, R.A., Monsler, M.J., Franklin, R.D., Ewing, J.J.** Modeling and analysis of advanced lasers for fusion 8-50819
- Haas, R.A.** *see* Shay, H.D. 8-91132
- Haas, Y.** *see* Wurzburg, E. 8-53209
- Haase, A.R.** *see* Gauss, W. 8-84487
- Haase, D.G., Davidsen, A., Kerbaugh, G., Eury, J.L.** Simple experiment on superheated fluids [for teachers] 8-81748
- Haase, R.** Time dependence of entropy production and stationary states in discontinuous systems 8-61043
- Haase, R., Ben Nasr, H., Ducker, K.-H.** Conductivity of the liquid system water+acetic acid+silver acetate 8-91464
- Haase, R.W.** *see* Butler, P.H. 8-57800
- Haasen, P.** *see* Steinbrech, R. 8-51607
- Haasen, P.** *see* Steinhardt, H. 8-95783
- Haavasoja, T.** *see* Ahonen, A.I. 8-79844
- Haba, K.** *see* Matsuura, K. 8-55754
- Habal, M.B.** Electrodynamometric evaluation of nasal escape in speech disorders 8-77134
- Habbal, F., Joiner, W.C.H.** Hysteresis in the flux flow characteristics of a type II superconductor associated with the presence of normal metal precipitates 8-80107
- Habbersett, M.C.** *see* Shapiro, M.B. 8-73290
- Habeeb, M.A.Z., Bishop, R.F., Irvine, J.M., Strayer, M.R.** A two-fluid model of nuclear rotations and surface vibrations 8-62474
- Haben, M.** *see* Wolters, J. 8-58390
- Haber, B.** *see* Braun, H. 8-58208
- Haber, B.** *see* Eisenberg, Y. 8-54657
- Haber, I., Huba, J.D., Palmadesso, P., Papadopoulos, K.** Slope reversal of a monotonically decreasing electron tail in a strong magnetic field 8-67347
- Haber, I., Maschke, A.W.** Computer simulation of space charge effects in the transport of high energy ion beams 8-50328
- Haber, J., Machej, T., Ungier, L., Ziolkowski, J.** ESCA studies of copper oxides and copper molybdates 8-80813
- Haberey, F.** *see* Kneller, E. 8-52216
- Haberko, K.** Some properties of zirconia obtained by coprecipitation with different oxides 8-64514
- Haberkorn, R.** *see* Albrecht, W.G. 8-92116
- Haberkorn, W., Knauer, H., Richter, J.** A theoretical study of the current-phase relation in Josephson contacts 8-76195
- Haberkorn, W., Muller, J.** Tunneling effects in superconductor-insulator-superconductor contacts 8-84359
- Haberkorn, W., Richter, J.** Calculation of the critical Josephson-current in proximity systems 8-88079
- Haberland, H.** Scattering of electronically excited metastable rare gas atoms 8-62906
- Haberlandt, R.** *see* Der, R. 8-73016
- Habermann, R.E.** *see* Martin, R.J., III 8-88820
- Habgood, H.W.** *see* Pan, C.-Y. 8-80784, 8-80785
- Habib, I.S.** Surface response to a high-power incident flux with temperature dependent absorptivity 8-51038
- Habiger, R.M., Compaan, A.** Lineshape studies of the 1S yellow exciton in Cu₂O by resonance Raman scattering 8-76465
- Habild, W.** *see* Mandler, N. 8-81022
- Habing, H.J.** *see* Bedijn, P.J. 8-85934
- Habing, H.J.** *see* Felli, M. 8-61755
- Hablani, H.B., Shrivastava, S.K.** A modal analysis for the damped linear gyroscopic systems 8-63275
- Habovcik, P.** *see* Srnanek, R. 8-56575, 8-56576
- Habraken, L.** *see* Guillaume, P. 8-68690
- Habs, D.** *see* Goerlach, U. 8-78429
- Hachenberg, F., Pirner, H.J.** Off-shell effects in s-wave pion absorption 8-70566
- Hachisu, I., Sugimoto, D.** Gravothermal catastrophe and negative specific heat of self-gravitating systems 8-93593
- Hachisu, I.** *see* Inagaki, S. 8-81618
- Hachisu, S.** *see* Ishida, Y. 8-51552
- Hachisu, S.** *see* Takano, K. 8-85208, 8-85209
- Hacinliyan, A.** New thresholds from old total cross-sections 8-89755
- Hack, M.** *see* Aydin, C. 8-53984, 8-69802
- Hacker, H.** *see* Aulich, H. 8-63211
- Hacker, J.M.** *see* Hantel, M. 8-57249
- Hacker, P.D.** *see* Pitts, D.G. 8-57042
- Hackett, M.E.J., Henderson, H.P.** Infrared thermography in medicine 8-61279
- Hackley, D.S., Waszczak, J.P.** General Dynamics Convair conceptual design of a test coil for the Large Coil Program 8-50389
- Hacklinger, M.** Violin timbre and bridge frequency response 8-55527
- Hackmack, E.** *see* Alexander, G. 8-74251, 8-89766
- Hackmack, E.** *see* Berger, Ch. 8-62414, 8-89725
- Hackmann, J., Kim, Y.C., Souw, E.K., Uhlenbusch, J.** Investigation of neutral particle behaviour between plasma and wall including wall interactions 8-59658
- Hackmann, J., Kim, Y.C., Uhlenbusch, J.** Numerical investigation of the build-up phase of the neutral hydrogen layer near the wall during transient gas feed in Tokamak discharges 8-94135
- Hackney, R.L.** *see* Boksenberg, A. 8-96540
- Hackwelder, J.** *see* Casasent, D. 8-63027
- Hackwell, J.A.** *see* Gehrz, R.D. 8-85848
- Hackwell, J.A.** *see* Sneden, C. 8-93198
- Hackworth, D.T.** *see* Heyne, C.J. 8-50392
- Hacura, A.** *see* Zerda, T.W. 8-75245
- Hacyan, S.** *see* Dultzin-Hagyan, D. 8-81650
- Hada, H.** *see* Fujiwara, S. 8-62246
- Hada, T.** *see* Hata, T. 8-76480
- Hadari, Z.** *see* Mintz, M.H. 8-76851
- Haddad, R.Y.** *see* Parker, J.E. 8-74759
- Haddad, Y.M., Sowerby, R.** A micro-probabilistic approach to the ductile deformation and fracture of metals. I. Preliminary investigation 8-64665
- Hadden, W.J., Jr., Mintzer, D.** Test of the Born and Rytov approximations using the Epstein problem 8-63212
- Haddon, R.A.W., Husebye, E.S.** Joint interpretation of P-wave time and amplitude anomalies in terms of lithospheric heterogeneities 8-96153
- Haddow, J.B., Mioduchowski, A.** Expansion of a thin walled hyperelastic spherical shell 8-55576
- Haddow, J.B.** *see* Bryant Moodie, T. 8-87289
- Haddow, J.B.** *see* Mioduchowski, A. 8-79213
- Hadek, V.** *see* Somoano, R.B. 8-68023
- Hadjian, A.H.** Engineering of nuclear power facilities for earthquake loads 8-66431
- Hadjichristidis, N., Roovers, J.** Conformation of poly(isoprene-g-styrene) in dilute solution 8-91218
- Hadjicontis, B.E., Euthymiou, P.C., Kladis, D.I.** Scattering mechanisms of heavy and light holes in p-type gallium antimonide 8-91692
- Hadjoudis, E., Milia, F., Seliger, J., Blinc, R.** ¹⁴N quadrupole coupling in thermochromic N-5-chlorosalicylideneaniline 8-70849
- Hadley, C.F.** *see* Frisillo, A.L. 8-73552
- Hadni, A.** *see* Aubry, J.P. 8-76507, 8-92059
- Hadni, A.** *see* Gerbaux, X. 8-72742
- Hadni, A.** *see* Mangin, J. 8-80348
- Hadni, A.** *see* Wyncke, B. 8-72503, 8-84557
- Hadzi, D.** *see* Angeloni, L. 8-60444
- Haeblerli, W.** Light ion direct reactions 8-54732
- Haeblerli, W.** Nucleon-nucleon interaction: Low energy experiments 8-62419
- Haeblerli, W.** *see* Hennies, D. 8-55078
- Haeblich, R.-P., Kunz, C., Rudolph, D., Schmah, G.** Efficiency of holographic laminar gratings and ruled blazed gratings in the wavelength range 55-560 Å 8-63189
- Haemers, J.** A rotating-electrode system for improved reproducibility in spark source mass spectrometry 8-93781
- Haemmerle, W.H.** *see* Golding, B. 8-71824

- Haen, C.de *see* de Haen, C.
- Haen, P.**, Lapiere, F., Monceau, P., Nunez Reguerio, M., Richard, J. Low temperature phase transition in the chain-like compounds NbSe_3 and TaSe_3 8-80088
- Haenel, S.** *see* Pleissner, K.-P. 8-89599
- Haenni, D.R.** *see* Lieder, R.M. 8-82283
- Haensel, P.** Zero sound in dense neutron matter 8-53977
- Haensel, P.** Isospin and density waves in asymmetric nuclear matter 8-66235
- Haensel, P.** *see* Dabrowski, J. 8-70478
- Haenssler, F.** *see* Waterstrat, R.M. 8-60571
- Haerendel, G.** Microscopic plasma processes related to reconnection 8-61676
- Haerendel, G.**, Paschmann, G., Sckopke, N., Rosenbauer, H., Hedgecock, P.C. The front-side boundary layer of the magnetosphere and the problem of reconnection 8-89010
- Haerendel, G.** *see* Paschmann, G. 8-61669
- Haerendel, G.** *see* Shelley, E.G. 8-85810
- Haeringen, H.** *van* *see* van Haeringen, H.
- Haesner, B.** *see* Dobiasch, H. 8-62538
- Haessner, F.**, Schroder, G. Continuum-mechanical analysis of the anisotropy of flow curves and plastic strains of extruded Mg, Ti and Zn rods 8-84947
- Haeussler, E.N.**, Saur, E.J. Superconducting properties of Nb_3Ge thin films prepared by coevaporation 8-91830
- Hafehe, W.**, Holdren, J.P., Kessler, G., Kulcinski, G.L. Fusion and fast breeder reactors 8-78430
- Hafen, E.** *see* Heller, M. 8-70689
- Hafer, J.F.** *see* Bohachevsky, I.O. 8-50331
- Hafer, J.F.** *see* Volklin, H.C. 8-58979
- Hafer, X.** *see* Wagner, B. 8-71344
- Haferkorn, H.** *see* Richter, W. 8-90484
- Hafif, P.K.**, Switkowski, Z.E., Tombrello, T.A. Solar-wind sputtering of the Martian atmosphere 8-53855
- Hafitajee, C.** *see* Feldman, C.L. 8-80941
- Hafner, H.** *see* Bhatia, T.S. 8-70433
- Hafner, H.** *see* Dacknack, W.W. 8-82364
- Hafner, H.** *see* Szanto de Toledo, A. 8-70423, 8-78246
- Hafner, J.** Electronic charge density in simple metals 8-87896
- Hafner, J.**, Hanke, W. Role of p-d hybridisation on electronically driven lattice instabilities 8-63835
- Hafner, P.**, Schwarz, W.H.E. Atomic transition probabilities from the relativistic pseudopotential approach 8-86803
- Hafner, S.**, Rager, H., Derighetti, B., Marxer, H. NMR of ^{29}Si and ^{29}Mg in Mg_2SiO_4 with dynamic polarization technique 8-56405
- Hafstrom, J.W.**, Knapp, G.S., Aldred, A.T. Electronic and lattice properties of $\text{V}_2\text{Hf}_{1-x}\text{Ta}_x$ C15 superconductors 8-68110
- Haga, E.**, Kato, T., Aisaka, T. Inter-atomic interaction between electrons. II 8-64017
- Haga, K.** *see* Kikuchi, Y. 8-89933
- Haga, K.** *see* Yamamoto, R. 8-83734
- Hagan, J.T.**, Swain, M.V. The origin of median and lateral cracks around plastic indents in brittle materials 8-92327
- Hagan, J.T.**, Swain, M.V., Field, J.E. Stress corrosion characteristics of toughened glasses and ceramics 8-71295
- Hagan, J.T.** *see* Swain, M.V. 8-55593
- Hagan, L.** Ultraviolet radiation standards for health and safety 8-74056
- Hagan, L.** *see* Martin, W.C. 8-86805
- Hagard, A.**, Nilsson, B., Ottersten, H., Steinvall, O. Studies of the 0.5-14 μm optical extinction due to atmospheric aerosols 8-57318
- Hagberg, E.**, Hansen, P.G., Jonson, B., Tide-mand-Peterson, P., Hornshoj, P., Mattsson, S. Staggering of the moments of inertia of very neutron-deficient platinum isotopes 8-89779
- Hagberg, E.** *see* Aden, T. 8-86736
- Hagberg, E.** *see* Andersson, G. 8-89878
- Hagberg, E.** *see* Asboe-Hansen, P. 8-86507
- Hagberg, E.** *see* Asghar, M. 8-94012
- Hagberg, E.** *see* Badelek, B. 8-90011
- Hagberg, E.** *see* Burg, J.P. 8-89741
- Hagberg, E.** *see* D'Auria, J.M. 8-70489
- Hagberg, E.** *see* Elmroth, T. 8-86517
- Hage, H.-J.** Comparison of the damage results owing to different intermittent shock testings 8-77887
- Hagedorn, H.L.** *see* Coolen, F.C.M. 8-66491, 8-67474
- Hagedorn, P.** A short note on Hamiltonians linear in the momenta 8-77468
- Hagedorn, P.**, Meier-Dornberg, K.E. The stability of elastic waves 8-87297
- Hagedorn, P.** *see* Huseyin, K. 8-81832
- Hagedorn, W.** *see* Fischer, Th. 8-62669
- Hagel, W.C.** *see* Wada, T. 8-76737
- Hagelberg, M.P.** Phase and group velocity demonstration 8-61993
- Hagelberg, R.** *see* Poth, H. 8-70979
- Hagelstein, P.L.** Stability of passively mode-locked pulses in the fast absorber limit 8-59052
- Hagelstein, P.L.** Periodic pulse solutions and stability in the fast absorber model 8-59054
- Hagelstein, P.L.** Solution of a modified Lane equation with an integral term 8-63052
- Hagelstein, P.L.** Solution of a second-order integro-differential equation which occurs in laser modelocking 8-66796
- Hagemaijer, D.J.** NDT of DC-10 graphite-epoxy rudder 8-76798
- Hagemann, D.H.** Transfer function for an acoustic source-receiver and target in a homogeneous fluid with distant boundaries 8-75012
- Hagemann, G.B.** *see* Tjom, P.O. 8-54795
- Hagemann, H.-J.** Loss mechanisms and domain stabilisation in doped BaTiO_3 8-84542
- Hagemann, U.** *see* Andrejtscheff, W. 8-86506
- Hagemeijer, F.** *see* Ligtoet, C.M. 8-61232
- Hagemeyer, K.** The influence of time dependent effects on the longitudinal decoupling of free hyperfine interactions 8-50655
- Hagemeyer, K.** *see* Goldring, G. 8-66240
- Hagen, C.R.** The vanishing of θ in the massive Schwinger model 8-49967
- Hagen, C.R.** *see* Singh, L.P.S. 8-50023
- Hagen, D.E.** *see* White, D.R. 8-90034
- Hagen, H.** *see* Reimann, H. 8-56373
- Hagen, W.** The circumstellar envelopes of M giants and supergiants 8-53939
- Hagen, W.** Tetragonal distortion in heteroepitaxial layers: Ge on GaAs 8-67922
- Hagen, W.**, Strunk, H. A new type of source generating misfit dislocations 8-87673
- Hagen, W.F.** An off-axis multipass laser system 8-50813
- Hagen, W.F.** *see* Linford, G.J. 8-59036
- Hagenmuller, P.** *see* Berrada, A. 8-60541
- Hagenmuller, P.** *see* Chevalier, B. 8-79993
- Hagenmuller, P.** *see* Choukroun, S. 8-64476
- Hagenmuller, P.** *see* Demazeau, G. 8-51493
- Hagenmuller, P.** *see* Grenier, J.-C. 8-76640
- Hagenmuller, P.** *see* Kasaya, M. 8-91842
- Hagenmuller, P.** *see* Levasseur, A. 8-51730
- Hagenmuller, P.** *see* Peraudeau, G. 8-92037
- Hagenmuller, P.** *see* Pompei, J. 8-80468
- Hagenmuller, P.** *see* Reau, J.M. 8-91481
- Hagenmuller, P.** *see* Tran Minh Duc 8-84703
- Hagenson, R.L.**, Krakowski, R.A., Thomasen, K.I. The reversed-field pinch reactor (RFPR) 8-58433
- Hager, J.P.** *see* Howard, S.M. 8-51706, 8-51706
- Haget, Y.** *see* Chan, N.B. 8-75829
- Haggag, A.** *see* Sanad, W. 8-74783
- Haggag, M.H.** *see* El Wakil, S.A. 8-74415
- Haggard, L.** The engineer's best friend: the oscilloscope 8-62189
- Haggard, R.**, Gledhill, J.A. Observations of the ionosphere over the South Atlantic Ocean 8-81505
- Haggerty, M.J.** On the evolution and enhanced relaxation of a homogeneous isotropic two-dimensional plasma in a uniform magnetic field 8-59551
- Haggerty, S.E.** The redox state of planetary basalts 8-77217
- Haggis, G.H.**, Phipps-Todd, B. Freeze-fracture for scanning electron microscopy 8-61290
- Haggmark, L.G.**, Wilson, W.D. Monte Carlo studies of sputtering 8-95627
- Haggmark, L.G.** *see* Bauer, W. 8-86690
- Haggstrom, L.**, Annersten, H., Ericsson, T., Wappling, R., Karner, W., Bjarnar, S. Magnetic dipolar and electric quadrupolar effects on the Mossbauer spectra of magnetite above the Verwey transition 8-68415
- Haggstrom, L.** *see* Ericsson, T. 8-52409
- Haghoole, M.** *see* Berko, S. 8-91605
- Hagi, H.**, Hayashi, Y., Ohtani, N. Diffusion coefficient of hydrogen in iron between 230 and 300K 8-84004
- Hagita, N.** *see* Minamitani, H. 8-85307
- Hagiuda, Y.**, Matsunaga, M. Fatigue cracks in electrodeposited copper single crystal film 8-84975
- Hagiwara, G.** *see* Wine, J.J. 8-61161
- Hagiwara, K.** Gluonic decay of heavy quarkonium states as a test of chromodynamics 8-62365
- Hagiwara, M.** *see* Yamori, A. 8-61566
- Hagiwara, S.**, Furukawa, T. Incremental and decremental thresholds on Mach patterns 8-77059
- Hagiwara, S.**, Tsutsumi, K., Takahashi, H. Surface polarity of carbon blacks 8-68915
- Hagiwara, S.** *see* Yagi, M. 8-79443
- Hagiwara, T.**, Kitazoe, T., Mainland, G.B., Tanaka, K. Cabibbo current and CP violation in a six quark gauge model 8-70329
- Hagiwara, T.** *see* Budny, R. 8-66074
- Hagiwara, T.** *see* Frampton, P.H. 8-70259
- Hagiwara, T.** *see* Horiuchi, M. 8-76774
- Hagiwara, Y.** Relation between earthquake swarm epicenters and Bouguer anomaly in the eastern part of Izu Peninsula 8-96144
- Hagiwara, Y.** The Mogi model as a possible cause of the crustal uplift in the eastern part of Izu Peninsula and the related gravity change 8-96165
- Hagiwara, Y.**, Tajima, H., Izutuya, S., Hanada, H. Gravity change associated with earthquake swarm activities in the eastern part of Izu Peninsula 8-96123
- Hagler, A.T.** On the relation between the spatial electron density and the conformational properties of molecular systems 8-70763
- Hagler, A.T.** *see* Bernstein, J. 8-75611
- Hagler, A.T.** *see* Engel, Y.M. 8-70742
- Hagler, M.** *see* Chu, E. 8-67386
- Hagler, M.O.** *see* Krile, T.F. 8-74868
- Haglund, R.F., Jr.** *see* Henneke, R. 8-54735
- Hagman, R.L.** *see* Hsi-Ping Liu 8-81429
- Hagmann, S.** *see* Behncke, H.-H. 8-94316
- Hagopian, J.-C.**, May, M. Fringes generated in a Fresnel plane by photographic recordings of identical and laterally shifted speckle patterns 8-66763
- Hagopian, J.Ch.**, May, M. Interference phenomena generated by two radially shifted speckle patterns 8-90359
- Hagopian, S.** *see* Harris, R. 8-82242
- Hagstrom, A.L.**, Fahlman, A. The electronic structure of PbSe and its interaction with O_2 adsorbate layers 8-52637
- Hagstrom, A.L.**, Fahlman, A. The interaction between oxygen and the lead chalcogenides at room temperature studied by photoelectron spectroscopy 8-91529
- Hagstrom, S.B.M.**, Bachrach, R.Z., Bauer, R.S., Flodstrom, S.A. Oxidation of aluminium surfaces studied by synchrotron radiation photoelectron spectroscopy 8-52634
- Hagstrum, H.D.** The electronic interaction of ions and surfaces 8-72674
- Hagstrum, H.D.** *see* Froitzheim, H. 8-72224
- Hagstrum, H.D.** *see* Sakurai, T. 8-73079
- Hague, C.** *see* Durham, P. 8-95620
- Hague, C.F.**, Mariot, J.-M., Ostrowiecki, H. The $\text{L}_{\beta 1}$ and $\text{L}_{\alpha 2}$ X-ray emission lines from free zinc atoms and zinc metal 8-74604
- Haguenaue, M.** *see* Alibrant, P. 8-50026
- Hagy, H.E.** *see* Gulati, S.T. 8-75110, 8-75111
- Hagyard, M.J.**, Teuber, D. Comparisons of measured and calculated potential magnetic fields 8-77532
- Hah, C.**, Lakshminarayana, B. Effect of rotation on a rotating hot-wire sensor 8-94862
- Hahn, A.** SI units in the field of geomagnetism 8-65391
- Hahn, A.A.** *see* Lee, P.L. 8-70441
- Hahn, A.A.** *see* Wang, K.-C. 8-62761
- Hahn, B.** *see* Viertel, G. 8-58177
- Hahn, C.**, Schlegel, R. Comparison of the texture and properties of conventional and rapid-fired porcelain 8-64510
- Hahn, E.L.** *see* Andrade, T.L. 8-76354
- Hahn, E.L.** *see* Gold, D.G. 8-76348
- Hahn, F.** *see* Balcar, E. 8-74533
- Hahn, F.F.** *see* Lundgren, D.L. 8-85340
- Hahn, G.** Photodiode and op amps form wide-band radiation monitor 8-78591
- Hahn, G.T.**, Hoagland, R.G., Rosenfield, A.R. Crack branching in A533B steel 8-64705
- Hahn, G.T.**, Kanninen, M.F. Dynamic crack propagation and arrest in plates, pipes, and pressure vessels 8-56770
- Hahn, G.T.** *see* Kanninen, M.F. 8-68777
- Hahn, H.** Exact model results on spatially inhomogeneous and random magnetic materials 8-52271
- Hahn, H.**, Kielblock, W. A 'bond charge' model for vibrational properties of teflon (polytetrafluoroethylene) 8-75781
- Hahn, H.** *see* Decker, I. 8-95446
- Hahn, H.** *see* Jones, R.W. 8-86619
- Hahn, H.T.** *see* Awerbuch, J. 8-88518
- Hahn, L.** *see* Egelstaff, P.A. 8-82810
- Hahn, M.** *see* Kubler, O. 8-70231
- Hahn, R.**, Winegarner, R. The solar key word is often coatings 8-79096
- Hahn, S.F.**, van Hulsteyn, D.B., Becker, M.F. Multiple species ion energy analyzer applied to laser-induced plasma experiments 8-55750
- Hahn, S.L.**, Radecki, K.W. Features of a silver beam magnetic resonance apparatus as a frequency standard 8-89458
- Hahn, U.**, Schwenner, N., Zimmerer, G. A system for time and energy resolved VUV luminescence spectroscopy using synchrotron radiation for excitation 8-65982
- Hahn, Y.** Photoionization of positive ions and photo-Auger effect 8-90135
- Hahn, Y.** An improved perturbed stationary state approach to ion-atom collisions 8-90282
- Hahn, Y.** *see* Retter, J.A. 8-58781
- Hahne, A.**, Volz, A., Ehalt, D.H., Cosatto, H., Roether, W., Weiss, W., Kromer, B. Depth profiles of chlorofluoromethanes in the Norwegian Sea 8-73405
- Hahne, E.**, Diesselhorst, T. Hydrodynamic and surface effects on the peak heat flux in pool boiling 8-90661
- Hahne, H.J.** *see* Brennecke, R. 8-92723
- Hai Tran Quoc** *see* Tran Quoc Hai
- Hai-Fu Fan** *see* Fan Hai-Fu
- Hai-wei Wu** *see* Wu Hai-wei

- Haibach, E.** Fatigue life prediction by amplitude transformation 8-68796
- Haida, O., Emi, T.** Direct microscopic observation of dendrite remelting in Fe-30% Cu alloy 8-71836
- Haidan, R.** *see* Brasse, F.W. 8-78194
- Haider, Y.** *see* Edgar, A. 8-72398
- Haidt, D.** *see* Bosetti, P.C. 8-70357
- Haidt, D.** *see* Krenz, W. 8-54624
- Haidt, D.** *see* Pietschmann, H. 8-78164
- Haig, N.D., Lewis, C., Runalls, R.H.** Comparison of polychromatic and monochromatic lens assessment in the far infrared 8-50899
- Haight, R.C.** *see* Grimes, S.M. 8-50171
- Haijink, B.** Prospects for plutonium recycling in light-water reactors in the European Communities 8-58394
- Haikonen, T.** Conversion of rain intensity distributions to shorter or longer integration times 8-61520
- Haile, N.S.** Reconnaissance palaeomagnetic results from Sulawesi, Indonesia, and their bearing on palaeogeographic reconstructions 8-61330
- Hailer, H.** Measurements of a thermal ion spectrum by 90°-scattering using a CW CO₂ laser 8-67480
- Hainebach, K.** *see* Kazanas, D. 8-81723
- Hainebach, K.L.** *see* Dearborn, D.S.P. 8-93200
- Haines, G.V., Hannaford, W.** A three-component aeromagnetic survey of central Canada 8-96138
- Haines, M.G.** Particle orbits, diamagnetism, and energy balance in a Z-pinch satisfying the Lawson criterion 8-79454
- Haines, M.G.** *see* Craxton, R.S. 8-83590
- Haines, N.F.** *see* McIntyre, P.J. 8-60972
- Hains, C.M.** *see* Hug, W.F. 8-66510
- Hainzl, J.** On the form of group-invariant linear partial differential operator 8-89297
- Haisa, M.** Crystallographic pedigree of organic compounds 8-91287
- Haishi, S.** *see* Wada, S. 8-83435
- Haizlip, L.D.** *see* Brown, S.J., Jr. 8-59308
- Hajduk, N.** *see* Norwicz, J. 8-92445
- Hajdukovic, S.** *see* Cerez, P. 8-87073
- Haji, A.H.** *see* Gardiner, D.J. 8-90172
- Hajibrahim, S.K., Tibbetts, P.J.C., Watts, C.D., Maxwell, J.R., Eglinton, G., Colin, H., Guiochon, G.** Analysis of carotenoid and porphyrin pigments of geochemical interest by high-performance liquid chromatography 8-61078
- Hajossy, R.** *see* Silny, R. 8-91150
- Hajto, J.** *see* Gazso, J. 8-60528
- Hakala, M.-R.** *see* Rosenholm, J.B. 8-75543
- Hakamada, K.** *see* Munakata, Y. 8-93057
- Hakansson, C.H.** *see* Baldetorp, L. 8-61216
- Hakansson, H.-B., Berggren, T., Bengtsson, R.** The single-nucleon form factor for knock-out and pick-up reactions in deformed nuclei 8-93999
- Hakansson, R.** *see* Norden, B. 8-62232
- Hake, R.D.** *see* Collis, R.T.H. 8-61602
- Hake, R.D., Jr.** *see* Murray, E.R. 8-69525
- Hake Haken, H., Goll, J.** Optical resonance of Frenkel excitons 8-91621
- Hakeem, M.L., Phillips, M.G.** Effect of environment on stability of cracking in brittle polymers 8-95806
- Haken, H.** Nonequilibrium phase transitions and bifurcation of limit cycles and multiperiodic flows in continuous media 8-81937
- Haken, H., Ohno, H.** Onset of ultrashort laser pulses: first or second order phase transition? 8-78986
- Haken, H.** *see* Hake Haken, H.
- Hakim, N.S., King, A.I.** A computer-aided technique for the generation of a 3-D finite element model of a vertebra 8-92591
- Hakim, R.** Statistical mechanics of relativistic dense matter 8-89814
- Hakim, R.** *see* Alonso, J.D. 8-75410
- Hakkarinen, I.M.** *see* Landsberg, H.E. 8-81345
- Haklik, L.** *see* Kalman, E. 8-55788
- Hakonson, T.E.** *see* Miera, F.R., Jr. 8-85383
- Hakoshima, T.** *see* Iwata, K. 8-67288
- Hakuta, K.** *see* Uehara, H. 8-94263
- Hala, E.** *see* Drahos, J. 8-87780
- Halac, E.** *see* Bonadeo, H. 8-67777
- Haladjian, J.** *see* Bianco, P. 8-53318
- Halama, H.J.** *see* Chou, T.S. 8-74492
- Halamicsek, J.** Nondestructive testing in the production of die-cast aluminum parts 8-53097
- Halbert, M.L.** Nuclear data sheets for A=47 8-66188
- Halbert, M.L.** *see* Sarantites, D.G. 8-50208
- Halbert, M.L.** *see* Satchler, G.R. 8-58295
- Halbert, M.L.** *see* Westerberg, L. 8-70484
- Halbritter, J.** On electric surface impedance 8-88017
- Halbrook, M.E.** *see* Munk, P. 8-67843
- Halbwachs, M.** Atomic mobility under irradiation: experimental verification of the phenomenological model 8-63874
- Haldavnekar, D.D., Soundalgekar, V.M.** Effects of mass transfer on free convective flow of an electrically conducting, viscous fluid past an infinite porous plate with constant suction and transversely applied magnetic field 8-87398
- Haldeman, C.W.** *see* Birtwell, E.P. 8-51153
- Halderson, D.** The giant dipole resonance in ⁵⁵Co 8-78345
- Hale, E.B.** *see* Dennis, J.R. 8-59825
- Hale, P.G., Sheppard, C.J.R.** Production of optical fibres using a vacuum furnace 8-66960
- Halenska, J., Musielok, J.** On the red shifts of hydrogen spectral lines in dense plasmas 8-67473
- Hales, J.W., Baker, R.B., Fuller, R.E.** Performance of commercially produced full-size FFTF fuel pins in GETR 8-86586
- Hales, J.W., Hoth, C.W.** Performance of commercially produced mixed-oxide fuels in EBR-II 8-86585
- Hales, R.S.** *see* Golian, C. 8-82092
- Halevi, E.A., Trindle, C.** Application of orbital correspondence analysis in maximum symmetry (OCAMS) to spin-forbidden processes 8-78631
- Halevi, P.** Polariton modes at the interface between two conducting or dielectric media 8-87922
- Halevi, P., Hernandez-Cocoletzi, G.** Electromagnetic wave propagation at the interface between two conductors. II. Computer simulation of optical experiments 8-84276
- Haley, S.B.** Exact relations among correlation functions of inherently nondynamic interacting systems. I 8-57814
- Haley, S.B.** Exact solutions of disordered Ising spin chains in a magnetic field. II 8-57869
- Halg, W.** *see* Fischer, P. 8-83954
- Halil, M.** *see* Yalcin, C. 8-70372
- Halioua, M.** *see* Stroke, G.W. 8-91199
- Halioulas, A.A.** *see* Markellos, V.V. 8-89053
- Haljaste, A.** *see* Aints, M. 8-67581, 8-87569
- Halkia, K., Elliott, J.P., Sanderson, E.A.** Hartree-Fock calculations in ¹⁶O using a cartesian basis 8-74319
- Hall, A.** *see* Bacino, W. 8-70351
- Hall, A.G.** *see* Hildred, G.P. 8-58960, 8-78980
- Hall, B.L.** *see* Betts, P.L. 8-92851
- Hall, B.** *see* Okray, *see* Okray Hall, B.
- Hall, C.A.** Geometrically similar elements 8-57760
- Hall, C.L.** Economic analysis of a quality control program 8-73236
- Hall, C.M., York, D.** K-Ar and ⁴⁰Ar/³⁹Ar age of the Laschamp geomagnetic polarity reversal 8-81105
- Hall, D., Headford, C.E.L., Jarvie, J.A.** Some molecular packing studies of crystalline hydrocarbons 8-95011
- Hall, D.** *see* Campbell, W.J. 8-81173
- Hall, D.E.** Intuition, time dilation and the twin paradox 8-86093
- Hall, D.G., Braundmeier, A.J., Jr.** Angular dependence of roughness-assisted surface plasmon radiation: Comparison of theory and experiment 8-52521
- Hall, D.G., Braundmeier, A.J., Jr.** Dispersion relation for surface plasmons on randomly rough surfaces: A quantum-mechanical approach 8-72099
- Hall, D.G., Cole, R.H.** Kinetic depolarization in sulfuric acid 8-68440
- Hall, D.H.** *see* Green, A.G. 8-65213
- Hall, D.K.** *see* Gloersen, P. 8-81174
- Hall, D.L.** *see* Taff, L.G. 8-53795
- Hall, D.N.B., Kleinmann, S.G., Ridgway, S.T., Gillett, F.C.** High-resolution 1.5-5 micron spectroscopy of the Becklin-Neugebauer source in Orion 8-93368
- Hall, D.N.B., Ridgway, S.T.** Circumstellar methane in the infrared spectrum of IRC+10°216 8-57694
- Hall, D.N.B.** *see* Dominy, J.F. 8-93223
- Hall, D.N.B.** *see* Kleinmann, S.G. 8-57613
- Hall, D.N.B.** *see* Mould, J.R. 8-65617
- Hall, D.S., Conkie, W.R., Hutchinson, P.** The pressure and temperature consistent Lennard-Jones liquid 8-63647
- Hall, F.F., Jr.** *see* Brown, E.H. 8-73493
- Hall, G.** Hybrid bubble chambers 8-82584
- Hall, G.E., Kenney-Wallace, G.A.** Nanosecond laser measurements of optical absorption coefficients of electrons in polar fluids 8-84600
- Hall, G.S.** Riemannian curvature and the Petrov classification 8-54266
- Hall, H.E.** *see* Bagley, M. 8-91501
- Hall, H.P., Sullivan, R.C.** Advantages of a microprocessor-based impedance measurement method 8-89501
- Hall, H.R.** Inherent errors in sonar range prediction 8-66977
- Hall, I.** *see* Palmer, D.C. 8-70450
- Hall, I.W.** In situ electron microscopy observations of strain-induced hydrides in α -titanium alloy 8-72828
- Hall, I.W.** Basal and near-basal hydrides in Ti-5Al-2.5Sn 8-80550
- Hall, I.W.** A technique for preparing electron microscope specimens for dynamic straining experiments 8-88602
- Hall, J.A., Jr.** *see* McCann, J.J. 8-69075
- Hall, J.E.** *see* Boggess, A. 8-96382
- Hall, J.H., Jr., Leisiecki, M.L., Guillory, W.A.** The mechanism of the laser-induced infrared photolysis of ethylene 8-56909
- Hall, J.L.** Model study of Zwicker's 'masking period patterns' 8-88714
- Hall, J.L.** *see* Bergquist, J.C. 8-82868
- Hall, J.L.** *see* Lee, S.A. 8-89451, 8-94221
- Hall, J.L., Carlsten, J.L. (editor)** Laser Spectroscopy III 8-82666
- Hall, J.M.** Does TRM occur in oceanic layer 2 basalts? 8-65279
- Hall, J.M.** *see* Dagley, P. 8-73306
- Hall, J.M.** *see* Jamison, K.A. 8-94209
- Hall, J.R., Johnson, R.A.** Structural roles of water in potassium nitrilo-sulphonate dihydrate, K₃N(SO₃)₃·2H₂O 8-75620
- Hall, J.T., Hansma, P.K.** Chemisorption of monocarboxylic acids on alumina: A tunneling spectroscopy study 8-91545
- Hall, J.W., III.** Elements of timbre perception 8-77068
- Hall, J.W., III, Soderquist, D.R.** Adaptation of residue pitch 8-57020
- Hall, K.G., Farley, P.G.** An evaluation of ultrasonic probes by the photoelastic visualisation method 8-80688
- Hall, K.R.** *see* Sum-muk Lee 8-87764
- Hall, M.P.M., Goddard, J.W.F.** Variation with height of radar reflectivity factors due to rain and the influence of wind shear on rain cells 8-53682
- Hall, N.F.T.** *see* Kono, S. 8-72690
- Hall, P.G., Rose, M.A.** Adsorption of water vapor on thallium iodide and thallium chloride 8-56035
- Hall, P.G., Rose, M.A.** Theoretical calculation of adsorption potential energies of argon and krypton on sodium and potassium bromides 8-71993
- Hall, P.G., Rose, M.A.** Dielectric properties of water adsorbed by kaolinite clays 8-76381
- Hall, P.G.** *see* Barraclough, P.B. 8-84058
- Hall, R.** Recent experiments concerning dissociative resonant states in electron-molecule collisions 8-58851
- Hall, R.B.** *see* Catalano, A. 8-64066
- HALL, R.B.** *see* Maher, W.E. 8-63145
- Hall, R.I.** *see* Mazeau, J. 8-90308
- Hall, R.I.** *see* Schermann, C. 8-78034
- Hall, R.I.** *see* Vichon, D. 8-58733
- Hall, R.L.** Some exact solutions to the translation-invariant N-body problem 8-65801
- Hall, R.L.** Exact solutions of Schrodinger's equation for translation-invariant harmonic matter 8-65802
- Hall, R.L.** Lower energy bounds for translation-invariant atomlike systems 8-86187
- Hall, R.L.** *see* Alfrey, G.F. 8-64368
- Hall, R.M., Poda, G.A., Fleming, R.R., Smith, J.A.** A mathematical model for estimation of plutonium in the human body from urine data influenced by DTTPA therapy 8-73259
- Hall, R.O.A.** The low-temperature specific heat of pseudo-single-crystal and polycrystalline α uranium 8-83972
- Hall, S.J., Siddique, H.R., Sen Gupta, H.M.** Elastic scattering of neutrons from ²⁸Si and ³²S 8-58280
- Hall, S.J.** *see* Kellie, J.D. 8-70519
- Hall, S.-L.V.** Distortion of the sonic-boom pressure signature by high-speed jets 8-79156
- Hall, T.J.** *see* Howard, D. 8-87142
- Hall, W.B.** *see* Axcell, B.P. 8-90896
- Hall, W.F.** *see* Chang, R. 8-56531
- Hall, W.K.** *see* Abdo, S. 8-85197
- Hallais, J.** *see* Theeten, J.B. 8-67915
- Hallais, J.-P.** *see* Van Oirschot, T.G.J. 8-52616
- Hallak, A.B.** *see* Dayem, A.H. 8-80473
- Hallam, A., Birks, J.B.** Energy transfer in organic systems. XIII. Plastic scintillators 8-92127
- Hallam, A.** *see* Al-Obaidi, S.J. 8-76515
- Hallam, K.L.** *see* Goldberg, R.A. 8-61608
- Hallbauer, D.K., Nible, C., Berard, J., Rummel, F., Houghton, A., Broch, E., Szilvin, J.** Suggested method for petrographic description of rocks 8-81431
- Halle, J.** *see* Peltier, W.R. 8-81293
- Haller, K., Sohn, R.B.** Lorentz transformations of observable and ghost particle states in quantum electrodynamics and in a massive gauge theory 8-66061
- Haller, R.** *see* Scholtz, A.L. 8-55384
- Halley, J.W.** Observability of Baliaev terms in inelastic neutron scattering from liquid ⁴He 8-51764
- Halley, J.W.** Behavior of the mean spin on finite clusters in A model for the dilute Heisenberg antiferromagnet 8-68139
- Halley, J.W., Holcomb, W.K.** Conductivity of a three-component 'reactive' percolation model 8-68003
- Halley, J.W., Kleban, P.H., Onffroy, J.R.** Theory of second-order Raman scattering from a zig-zag chain with application to polyethylene 8-72504
- Halley, J.W.** *see* Onffroy, J.R. 8-76457
- Hallgren, A.** *see* Aden, T. 8-86736

- Hallgren, A.** see Badelek, B. 8-90011
- Hallgren, R.** Application of a holographically recorded concave diffraction grating in a single-beam spectrophotometer 8-54468
- Halliburton, L.E.,** Kappers, L.A. Radiation-induced oxygen interstitials in MgO 8-55866
- Halliday, I.,** Blackwell, A.T., Griffin, A.A. The Innisfree meteorite and the Canadian camera network 8-65563
- Hallikainen, M.** see Tiuri, M. 8-81175
- Hallin, K-E.J.** see Merer, A.J. 8-70826
- Hallin, R.** see Alvarez, E. 8-78666
- Hallin, R.** see Ishii, K. 8-78798
- Hallinan, T.J.,** Stenbaek-Nielsen, H.C., Winckler, J.R. The Echo 4 electron beam experiment: television observation of artificial auroral streaks indicating strong beam interactions in the high-latitude magnetosphere 8-89036
- Hallissey, M.** see McIntosh, D.H. 8-92929
- Halliwell, C.** see Cutts, D. 8-78380
- Halliwell, C.** see Elias, J.E. 8-82241
- Halliwell, N.A.** see Rizzo, J.E. 8-87423
- Hallmann, W.** The significance of shape factors in space thermodynamics and their determination using a shape factorimeter 8-73610
- Hallock, J.N.,** Enge, H.A., Sperduto, A., Garrett, J.D., Middleton, R., Fortune, H.T. Study of the reaction $^{12}\text{C}+^{14}\text{N}\rightarrow\alpha+^{22}\text{Na}$ 8-93944
- Hallock, K.R.** see Jones, T.B. 8-87240
- Hallof, P.G.** see Pelton, W. 8-85708
- Hallowell, P.J.** see Guy, J.G.V. 8-55105
- Hallsworth, A.S.** see Martin, D.M. 8-77169
- Halmal, A.** Some problems of dynamic force measurement 8-65918
- Halmann, M.** Photoelectrochemical reduction of aqueous carbon dioxide on p-type gallium phosphide in liquid junction solar cells 8-88649
- Halon, B.** see Tams, F.J. 8-72731
- Halonen, L.** see Perttola, M. 8-74661
- Halonen, V.** see Paakkari, T. 8-64426
- Halperin, A.,** Roth, M. On the temperature dependence of the visible emission in thallium doped KCl and KBr crystals 8-60511
- Halperin, A.,** Silano, P. Automatic RF sputtering system 8-52672
- Halperin, B.I.,** Nelson, D.R. Theory of two-dimensional melting 8-71833
- Halperin, B.I.** see Bausch, R. 8-87766
- Halperin, B.I.** see Platzman, P.M. 8-87835
- Halperin, J.** see Mizumoto, M. 8-50172
- Halperin, J.H.** see Gentry, R.V. 8-57210
- Halperin, W.P.,** Rasmussen, F.B., Archie, C.N., Richardson, R.C. Properties of melting ^3He : Specific heat, entropy, latent heat, and temperature 8-75904
- Halperin, W.P.** see Shen, S.Y. 8-49844, 8-57967
- Halperin, W.P.** see Webb, R.A. 8-91799
- Halpern, D.,** Smith, R.L., Reed, R.K. On the California undercurrent over the continental slope off Oregon 8-57214
- Halpern, G.M.,** Hyo-Gun Kim Deuterated polyethylene microspheres of variable density for laser-fusion targets 8-74468
- Halpern, G.M.** see Deckman, H.W. 8-50304, 8-50305
- Halpern, H.** see Auer, I.P. 8-78206
- Halpern, H.** see Russ, J. 8-78202
- Halpern, J.B.** see Jackson, W.M. 8-50602
- Halpern, J.B.** see Miller, G.E. 8-90316
- Halpern, M.B.** Field-strength copies and action copies in quantum chromodynamics 8-82143
- Halpern, V.** On the photoconductivity of amorphous chalcogenide semiconductors 8-72197
- Halphen, B.** see Mandel, J. 8-52847
- Halprin, A.** Pedagogy of spin in nonrelativistic quantum mechanics 8-69942
- Halsall, D.** see Pearce, C.G. 8-54492
- Halstead, T.K.** see Childs, P.E. 8-80239
- Halstead, W.D.** see Newlands, A.G. 8-71263
- Halsteinslid, A.** see Erriquez, O. 8-82195
- Halter, J.** see Winiger, P. 8-50283
- Halverson, J.E.,** Johnson, W.H., Jr. Mass spectrometric calibration of the ^{13}C single neutron separation energy 8-70434
- Halzen, F.,** Matsuda, S. Hadroproduction of quark flavours 8-58159
- Halzen, F.,** Scott, D.M. Testing quantum chromodynamics in the hadroproduction of real and virtual photons 8-50056
- Halzen, F.,** Scott, D.M. Chromodynamics and the experimental signatures of weak bosons 8-93916
- Ham, G.J.** see Stradling, G.N. 8-96096
- Ham, T.E.** see Chia-Ren Hu 8-79841
- Ham, W.E.** see Abrahams, M.S. 8-51835
- Ham Kim Young** see Kim Young Ham
- Hama, M.,** Nagasaki, M. Large transverse momentum correlations and fireball model 8-66174
- Hama, T.,** Matsubara, T. Self-consistent Einstein model and theory of anharmonic surface vibration. II. Face-centered cubic lattice 8-75920
- Hama, Y.** Transverse-momentum distribution of particles according to the hydrodynamical model 8-93865
- Hamada, F.** see Hirano, K. 8-87479
- Hamada, K.** The Raman and infrared spectrum of hexachlorodisilazane 8-66552
- Hamada, M.** see Nakanishi, H. 8-63337
- Hamada, N.,** Miwa, H. Calculation of local environment effects in ferromagnetic transition-metal alloys with atomic short-range order. Method and application to Fe-V 8-67936
- Hamada, N.** see Miwa, H. 8-68188
- Hamada, T.** Energy loss by energetic test ions in a plasma 8-91065
- Hamada, T.,** George, E.P. On the Ray-Hora theory of stopping power of plasma electrons 8-75257
- Hamada, T.** see George, E.P. 8-91064
- Hamada, T.** see Kubota, S. 8-60521
- Hamada, Y.** see Maekawa, T. 8-59628
- Hamadani, S.M.,** Kohanzadeh, Y., Mosavi, R.K. Nanosecond CO_2 single-beam target irradiation 8-51329
- Hamaguchi, C.** see Adachi, S. 8-72535, 8-84593
- Hamaguchi, C.** see Kasai, K. 8-60140
- Hamaguchi, C.** see Yokogawa, M. 8-68526
- Hamaguchi, H.** Polarized resonance Raman spectra of hexahalide complexes of transition metals: the effect of electronic degeneracy on the polarization of vibrational Raman scattering 8-78708
- Hamaguchi, Y.** see Hiramatsu, S. 8-90046
- Hamajima, K.,** Ishida, K., Takase, B., Aoki, T., Soyano, T. On the setting of the polar axis of the 105 cm Schmidt telescope 8-89064
- Hamajima, K.** see Ishida, K. 8-89081
- Hamajima, T.** see Luterjering, G. 8-60781
- Hamakawa, Y.** see Ohnishi, H. 8-76141
- Hamaker, C.,** Solmon, D.C. The angles between the null spaces of X-rays 8-66014
- Hamaker, C.** see Smith, K.T. 8-96088
- Hamal, K.** Spark control cavity dumping 8-59053
- Hamal, K.** Figure of merit for some pulse laser applications 8-59069
- Hamalainen, R.** see Salminen, O. 8-58950
- Hamalainen, R.P.,** Viljanen, A.A. Modelling the respiratory airflow pattern by optimization criteria 8-80898
- Hamalainen, R.P.,** Viljanen, A.A. A hierarchical goal-seeking model of the control of breathing. I. Model description 8-80899
- Hamalainen, R.P.,** Viljanen, A.A. A hierarchical goal-seeking model of the control of breathing. II. Model performance 8-80900
- Hamam, S.E.M.,** Lu, B.C.-Y. A further evaluation of the Clausius equation of state in thermodynamic property calculations 8-83909
- Hamamoto, I.,** Mottelson, B.R. Damping of collective motion studied by a time-dependent Hartree (TDH) model 8-54711
- Hamamoto, I.** see Bengtsson, R. 8-70437
- Hamamoto, S.** Invariant theoretical consideration of nonlinear realizations 8-93817
- Hamann, C.,** Kersten, F. The detection of dislocations in β -copper phthalocyanine single crystals 8-63773
- Hamann, C.,** Trompler, S. Tunneling spectroscopy 8-91776
- Hamann, C.** see Baldauf, L. 8-64521
- Hamann, C.** see Kersten, F. 8-67719
- Hamann, D.** see John, W. 8-51869
- Hamann, D.R.** see Appelbaum, J.A. 8-63914, 8-91516, 8-91615
- Hamano, K.,** Ema, K. Critical behavior of adiabatic and isothermal elastic compliances of NaNO_2 8-92031
- Hamano, K.** see Hattai, I. 8-63809
- Hamano, K.** see Mitsui, T. 8-76398
- Hamano, K.** see Takashige, M. 8-84528
- Hamano, K.I.** see Matsuda, S. 8-85041
- Hamasaki, K.** see Yoshida, K. 8-84351
- Hamasaki, M.,** Adachi, T., Wakayama, S., Kikuchi, M. Crystallographic study of semi-insulating polycrystalline silicon (SIPOS) doped with oxygen atoms 8-75954
- Hamashima, M.,** Ajiro, Y. Half-field EPR in $\text{Cu}(\text{C}_2\text{H}_3\text{COO})_2 \cdot 3\text{H}_2\text{O}$ 8-60333
- Hamashima, M.,** Ajiro, Y., Kubo, T., Yamaguchi, Y. NMR of ^{19}F in one-dimensional ferromagnet CsNiF_3 8-91970
- Hamashima, M.** see Ajiro, Y. 8-91971
- Hamatsu, R.,** Kitamura, S., Yamagata, T., Bogdanski, M., Jeannot, E., Cooper, A.M., Ganguli, S.N., Gurtu, A., Malhotra, P.K., Meh-tani, U., Raghavan, R., Subramanian, A., Emura, T., Kita, I., Takahashi, K., Kohno, H., Montanet, L. A study of $\bar{\nu}\nu$ annihilations around 0.65 GeV/c 8-66141
- Hamatsu, R.** see Aguilar-Benitez, M. 8-82228
- Hamatsu, R.** see Cooper, A.M. 8-62465
- Hamawi, J.N.** see Laznow, J. 8-94149
- Hamazaki, M.** see Futagami, M. 8-85016
- Hambenne, J.B.** see Smirl, A.L. 8-66839
- Hamberger, S.M.** see Franklin, R.N. 8-94910
- Hamblett, I.** see Chandratillake, M.R. 8-95053
- Hamblin, P.F.** Internal Kelvin waves in a fjord lake 8-73411
- Hamburger, J.,** Mercier, J.L. In situ measurement of the thermal diffusivity of an unsaturated porous medium, applied to measurement of water content 8-94583
- Hamburger, J.** see Vaulin, M. 8-96331
- Hamburger, W.** see Weggel, C. 8-50355
- Hamdan, S.M.** see Wellford, L.C., Jr. 8-86157, 8-86158
- Hamdani, S.Z.** see Gold, J.H. 8-57050
- Hameed, A.** see Neumann, A.W. 8-71273
- Hameen-Anttila, K.A.** A revised flux vector for the collisional evolution of Keplerian orbits 8-93080
- Hameka, H.F.** see McIntyre, E.F. 8-66484, 8-74944
- Hamel, D.** see Lane, A.D. 8-86620
- Hamel, J.,** Barrat, J.-P. Study of a method for measurement of lifetimes of excited levels of ions using orientation transfer during Penning collisions 8-50621
- Hamelin, M.,** Debric, R., Lebreton, J.-P. Theoretical prediction and observation of Bernstein mode radiation oblique to the magnetic field 8-91086
- Hamer, A.,** Kodde, L., Seroo, J., Veldpaus, F., Verstege, W. Determination of the passive dynamic characteristics of man in a lying posture 8-80893
- Hamer, C.J.** see Kenway, R.D. 8-78121
- Hamer, E.,** Huber, J.R. Evidence for a non-RRKM photochemical decay. Triplet state behaviour of alicyclic ketones 8-61030
- Hamer, M.F.** see Carpenter, R. 8-79035
- Hamer, N.D.** see Severin, E.S. 8-73917
- Hamermesh, C.L.** see Smith, T. 8-88633
- Hamernik, R.P.** see Blakeslee, E.A. 8-57019
- Hamersky, J.** Influence of the source material and the source shape on the sublimation properties of cadmium, selenium and cadmium selenide 8-80474
- Hamill, W.H.** see Funabashi, K. 8-60493
- Hamill, W.H.** see Kuczynski, G.C. 8-67711
- Hamilton, A.,** Perrott, A. Date of deglaciation of Mount Elgon 8-53670
- Hamilton, C.A.** Automatic 300-4K temperature cycling apparatus 8-65938
- Hamilton, D.,** Keel, W., Nixon, J.F. Variable galactic nuclei 8-81691
- Hamilton, D.K.** Sub-threshold velocity-field characteristic of n-type indium phosphide at 77K 8-64038
- Hamilton, E.L.** Sound velocity-density relations in sea-floor sediments and rocks 8-50982
- Hamilton, G.F.** The transition matrix for the Mathieu equation: Development and relation to u_{max} 8-82070
- Hamilton, G.W.** see Barr, W.L. 8-54920
- Hamilton, G.W.** see Hegge, F.N. 8-65109
- Hamilton, G.W.** see Trobaugh, G.B. 8-85361
- Hamilton, G.W.** see Williams, D.L. 8-73209
- Hamilton, J.** The quarter-diurnal tide in the English Channel 8-61424
- Hamilton, J.C.** Blanking resistive heating for Auger spectroscopy and LEED using a retarding-field analyser 8-54509
- Hamilton, J.C.,** Blakely, J.M. Carbon layer formation on the Pt(111) surface as a function of temperature 8-71911
- Hamilton, J.F.** see Bunch, P.C. 8-69200
- Hamilton, J.H.** see de Lima, E. 8-55090
- Hamilton, J.H.** see Pekar, L.K. 8-78249
- Hamilton, J.M.** see Pless, W.M. 8-60925
- Hamilton, L.H.,** Christman, N.T., Rickaby, D.A. Acoustic helium analyzer for closing volume measurement 8-61223
- Hamilton, P.A.** see McCulloch, P.M. 8-65642
- Hamilton, P.A.** see Manchester, R.N. 8-77570
- Hamilton, P.J.** see Carter, S.R. 8-53635
- Hamilton, P.J.** see O'Nions, R.K. 8-61395, 8-65238
- Hamilton, P.M.,** Varey, R.H., Millan, M.M. Remote sensing of sulphur dioxide 8-96298
- Hamilton, R.G.** see Bradley, W.P. 8-65081
- Hamilton, T.D.S.** see Hasnain, S.S. 8-52529, 8-66575
- Hamilton, W.D.** see Sharman, P. 8-62330
- Hamley, J.R.** see Codling, K. 8-58613
- Hamlin, M.J.,** Wright, C.E. The effects of drought on the river systems 8-88867
- Hamm, M.,** Nagatani, K. ^{10}B -induced 2n and 2p transfer reactions on light targets 8-50207
- Hamm, R.** Microwave spectra of some vibrational excited states of $^{12}\text{C}^{32}\text{S}^{35}\text{Cl}$ 8-55167
- Hamma, M.** see Okada, M. 8-76769
- Hammann, T.F.,** Fellah, M. A new approximation for time dependent quantum systems 8-57816
- Hamme, J.L.** Van see Van Hamme, J.L.
- Hammel, E.J.,** Baier, H. Off-shell dependence in relativistic bound-state calculations of the triton 8-82295
- Hammel, G.** see Fischer, Th. 8-62669
- Hammel, J.W.** Influence of bulge terms on the section and deformation magnitudes of a circular cylindrical container filled with liquid 8-90717
- Hammer, C.** see Applequist, H. 8-65349

- Hammer, C.F.**, Dike, R.S., Nunnally, W.C. Engineering description of the LASL ZT-40 toroidal Z-pinch 8-54989
- Hammer, C.L.** see Shrauner, J.E. 8-78103
- Hammer, D.** Detection and energy analysis of neutral particles 8-82590
- Hammer, D.** see Greenspan, M. 8-50324
- Hammer, D.A.**, Gerber, K.A., Dove, W.F., Goldenbaum, G.C., Logan, B.G., Papadopoulos, K., Ali, A.W. Intense relativistic electron beam interaction with a cool theta pinch plasma 8-51334
- Hammer, D.A.** see Sethian, J.D. 8-71524
- Hammer, J.W.** see Trautvetter, H.P. 8-57545
- Hammer, P.M.**, Hayes, J.M., Jenkins, W.J., Gagosian, R.B. Exploratory analyses of trichlorofluoromethane (F-11) in North Atlantic water columns 8-88847
- Hammer, R.**, Ulmschneider, P. Acoustic waves in the solar atmosphere. IV. On the efficiency of one-dimensional hydrodynamic codes 8-57520
- Hammer, W.** see Zirinsky, S. 8-76773
- Hammerberg, J.** The high density properties of lithium hydride 8-75725
- Hammerling, H.** Liquid phase epitaxy of GaAs with AsCl₃-saturated gallium/arsenic solutions 8-63953
- Hammerschlag-Hensberge, G.**, de Loore, C., van den Heuvel, E.P.J. A detailed study of the spectrum of the binary X-ray source HD 153919 (3U 1700-37). I. Radial velocity data in the blue spectral region 8-61888
- Hammerschlag-Hensberge, G.** see Hensberge, H. 8-96487
- Hammerschlag-Hensberge, G.** see van Dijk, W. 8-61869
- Hammill, M.** see Francis, P.W. 8-85523
- Hammit, F.G.**, Hwang, J.-B., Barber, S.A., De, M.K. Predictability of prototype machine liquid cavitation and droplet impact erosion from laboratory tests 8-64723
- Hammond, C.C.** see Franks, F. 8-65157
- Hammond, C.R.** Fusion temperatures of SiO₂-P₂O₅ binary glasses 8-95131
- Hammond, D.P.** see Coupland, J.R. 8-74494
- Hammond, E.** see Bhattacharya, S.K. 8-53746
- Hammond, G.L.** see Bowley, W.W. 8-53568
- Hammond, M.J.** A survey of earth surface observation satellites and the interface between remote sensor and attitude control system 8-65481
- Hammond, N.** see Stross, F.H. 8-70244
- Hammond, P.**, Penman, J. Calculation of eddy currents by dual energy methods 8-78859
- Hammond, R.** see Kinney, J.A.S. 8-61173
- Hammond, R.H.** Synthesis and physical properties of superconducting compound films formed by the electron-beam codeposition of the elements 8-72296
- Hammond, R.H.** see Collver, M.M. 8-63948
- Hammonds, E.M.** see Horn, P.M. 8-95234
- Hammons, C.E.** see Francis, J.E., Jr. 8-62622
- Hammou, A.** see Duclot, M. 8-84267
- Hamouda, I.** see Sallam, O.H. 8-50230
- Hampas, G.D.** see Stephanis, C.G. 8-55536
- Hampshire, M.J.** see Thwaites, M.J. 8-95576
- Hampshire, S.**, Park, H.K., Thompson, D.P., Jack, K.H. α' -Sialon ceramics 8-84750
- Hampton, R.F., Jr.**, Garvin, D. Reaction rate and photochemical data for atmospheric chemistry-1977 8-77312
- Hampton, B.F.**, Browning, D.N. First breakdown voltages in SF₆ 8-87554
- Hampton, L.D.** see Mitchell, S.K. 8-50984
- Hampton, L.D.** see Shirley, D.J. 8-51033
- Hamrick, E.** see Lane, A.L. 8-93133
- Hamrock, B.J.** see Brew, D.E. 8-55616
- Hamstad, M.A.**, Mukherjee, A.K. The role of acoustic emission in fracture toughness testing 8-68860
- Hamuro, K.** see Aramaki, S. 8-96176
- Hamza, V.M.** Possible limits on the distribution of temperatures in the continental lithosphere 8-65207
- Hamzic, A.**, Senoussi, S., Campbell, I.A., Fert, A. The extraordinary Hall effect in dilute Pd based alloys 8-76053
- Hamzic, A.**, Senoussi, S., Campbell, I.A., Gert, A. The magnetoresistance of Pd-based dilute ferromagnetic alloys 8-91665
- Han, C.S.** see Chuu, D.S. 8-82299
- Han, C.S.** see Hsieh, S.T. 8-50077
- Han, C.S.** see King Yen, M.M. 8-62475
- Han, J.C.**, Glicksman, L.R., Rohsenow, W.M. An investigation of heat transfer and friction for rib-roughened surfaces 8-87233
- Han, K.S.** see Schulz, R.A. 8-69214
- Han, K.W.** see Shieh, M.S. 8-78438
- Han Chang Yo** see Yo Han Chang
- Han Chia-mao** see Liu Tung-sheng 8-81156
- Han Wen-Shu**, Chuang Fi, He In Study of the mechanism of ¹²C(d,d)¹²C and ¹²C(d,p)¹³C reactions 8-78393
- Han-min Tseng** see Tseng Han-min
- Han-Sheng Lee** Metal-oxide-semiconductor instability produced by electron-beam evaporation of aluminum gates 8-72264
- Han-ying Kuo** see Kuo Han-ying
- Han-Yink Kuo** see Kuo Han-Yink
- Hanabusa, T.** see Ishikawa, Y. 8-87597
- Hanada, H.** Vibration characteristics of LaCoste and Romberg gravimeter 8-65400
- Hanada, H.** see Hagiwara, Y. 8-96123
- Hanada, S.**, Mori, Y., Izumi, O. Effect of order-disorder transformation temperature on quench hardening in β -brass binary and ternary alloys 8-95745
- Hanafi, H.I.**, van der Ziel, A. Flicker noise in Hg_{1-x}Cd_xTe 8-56233
- Hanafi, H.I.**, Van Der Ziel, A. Contact noise in n-type Hg_{1-x}Cd_xTe photoconductors at 77K 8-88028
- Hanafusa, H.**, Sato, Y. Dielectric properties of polymer-TiO₂ composites 8-95540
- Hanai, T.**, Ishikawa, A., Koizumi, N. Systematic analysis to determine the dielectric phase parameters from dielectric relaxations caused by diphasic structure of disperse systems 8-56423
- Hanajikova, D.**, Kabos, P. Inclined incidence of a plane electromagnetic wave on a gyrotropic boundary 8-55281
- Hanak, V.**, Cechak, T. Radiation field of rectangular source 8-66424
- Hanamitsu, K.** see Nishi, H. 8-66829
- Hanamura, S.** see Kumano, M. 8-55500
- Hananbaum, H.** see Cominsky, L. 8-93460
- Hanappe, F.** see Richel, H. 8-78316
- Hanasaki, S.** see Hasegawa, Y. 8-60871
- Hanatake, Y.**, Mitani, H. The relation between the nickel particle size and unequal interdiffusion on the sintering process for Fe-Ni binary mixed powder compacts 8-84728
- Hanazaki, I.** see Kasai, T. 8-64843
- Hanazawa, T.** see Kudaka, K. 8-68659
- Hancart, J.** Analysis of ferrous metals by energy dispersion X-ray spectrometry 8-85281
- Hancock, G.J.** see Basu, B.C. 8-67171
- Hancock, I.B.** Measurement of the supralinearity of ⁷LiF thermoluminescent dosimeters 8-82534
- Hancock, I.B.** see Harrison, K.G. 8-89984
- Hancock, J.W.**, Cowling, M.J. The initiation of cleavage by ductile tearing 8-64656
- Hancock, J.W.** see Cowling, M.J. 8-64657
- Hancock, P.** see Chubb, J.P. 8-85033
- Hancock, P.** see Johnson, J.B. 8-95844, 8-95845
- Hancock, R.** see Waldie, B. 8-94942
- Hancox, R.**, Spears, W.R. Reversed field pinch reactor study. II. Choice of parameters 8-58471
- Hancox, W.T.** see Necmi, S. 8-94093
- Handa, H.** see Sato, M. 8-53437
- Handa, S.**, Maeda, H. A numerical study of the lunar tide in the mid-latitude F2-region of the ionosphere. I. Oscillations of the electron density 8-61655
- Handa, S.**, Maeda, H. A numerical study of the lunar tide in the mid-latitude F2-region of the ionosphere. II. Oscillations of the ion and neutral gas velocities 8-61656
- Handa, T.**, Yoshizawa, S., Eukuoka, M. Dielectric properties of polystyrene-wood polymer composite at low temperature region [CH₃OH rotation] 8-95541
- Handa, T.**, Yoshizawa, S., Suzuki, M., Kanamoto, T. Dynamic viscoelasticity of wood for the study on the polymer performance in wood-polymer composite 8-59356
- Handa, Y.** see Nishihara, H. 8-83121
- Handel, S.** see Oshinsky, J.S. 8-55528
- Handel, S.F.** see Kaufman, H.H. 8-85363
- Handerek, J.**, Ujma, Z. Semiconductors properties of ferroelectric and antiferroelectric crystals of perovskite type structure 8-56437
- Handerek, J.**, Ujma, Z. 8-60402
- Handle, F.**, Pahl, M., Holzmann, P., Howorka, F., Lindinger, W. Fast electrons in hollow cathode plasmas 8-67528
- Handler, R.** see Bunce, G. 8-93878
- Handler, R.** see Edwards, R.T. 8-82393
- Handler, R.** see Heller, K. 8-82253
- Handschug, L.** see Backe, H. 8-50197, 8-62873
- Handsworth, R.J.**, King, W.D. An electronic chopper for a low-power UV source [for extinction measurement in clouds] 8-79087
- Handy, B.J.** see Davies, P.B. 8-66564
- Handy, K.G.**, Brandelik, J.E. Laser generation by pulsed 2.45-GHz microwave excitation of CO₂ 8-74879
- Handy, N.C.** see Colwell, S.M. 8-58660
- Hane, K.**, Suzuki, T. Effect of external resistance in the vicinity of current-mode second breakdown in Si PNN⁺ structures 8-56216
- Hanel, G.**, Bullrich, K. Physico-chemical property models of tropospheric aerosol particles 8-92898
- Hanel, G.** see Bullrich, K. 8-73465
- Haneman, D.** see Lemke, B.P. 8-52351, 8-80215
- Haneman, D.** see Miller, D.J. 8-70740, 8-84275, 8-84475, 8-91519
- Hanft, R.** see Bell, J. 8-54625, 8-93872, 8-93873
- Hanft, R.** see Harris, R. 8-82242
- Hang Heng-Rong**, Mo Jing-Er X Persei and X-ray source 3U 0352+30 8-69836
- Hang-Sheng Wu** see Wu Hang-Sheng
- Hanggi, P.** On derivations and solutions of master equations and asymptotic representations 8-57881
- Hanggi, P.** Stochastic processes. I. Asymptotic behaviour and symmetries 8-62152
- Hanggi, P.** Stochastic processes. II. Response theory and fluctuation theorems 8-62153
- Hanggi, P.**, Talkner, P. On the equivalence of time-convolutionless Master equations and generalized Langevin equations 8-93610
- Hanggi, P.**, Thomas, H., Grabert, H., Talkner, P. Note on time evolution of non-Markov processes 8-54305
- Hanggi, P.** see Grabert, H. 8-62157
- Hanisch, S.** see Winkler, H. 8-88216
- Hanke, C.**, Laursen, J. Stopping cross sections for α particles from 1.0 to 8.5 MeV in H₂, He, N₂, O₂, Ne, Kr and Xe 8-58558
- Hanke, U.** see Bussemer, P. 8-82601
- Hanke, V.** see Matal, O. 8-54849
- Hanke, W.** Dielectric theory of elementary excitations in crystals 8-60076
- Hanke, W.**, Wu, C.H. Surface lattice dynamics and density response 8-71930
- Hanke, W.**, Wu, C.H. Electronic perturbations of transition metal surfaces 8-95334
- Hanke, W.** see Hafner, J. 8-63835
- Hankins, D.E.** A modified A-B remmeter with improved directional dependence and thermal neutron sensitivity 8-53499
- Hanko, L.** see Anderson, R.A. 8-58732
- Hanks, K.W.**, Cole, T.R. A toroidal helical quartz-forming machine 8-54886
- Hanks, K.W.** see Melton, J.G. 8-55036
- Hanks, P.** see Stoddart, J.C. 8-56092
- Hanle, W.**, Wirz, P. Some remarks on the application of the terms level-crossing and line-crossing in atomic spectroscopy 8-70799
- Hanley, D.W.**, Martin, J.G. Safety training as a means of reducing overexposures to radiographers 8-81961
- Hanley, H.J.M.** see Holland, P.M. 8-91050
- Hanley, H.J.M.** see Rainwater, J.C. 8-91466
- Hanley, T.R.**, Mischke, R.A. A mixing model for a continuous flow stirred tank reactor 8-63508
- Hanley, W.R., Jr.**, Hunt, W.D., Wade, J.J., Hollis, D.L. Experimental results of bremsstrahlung shielding from dielectric trapping with the use of Ti-204 8-78507
- Hanlon, S.M.** see Boden, N. 8-76350, 8-88223
- Hann, C.R.** see Marshall, R.K. 8-86588
- Hanna, A.A.** see Boutros, S. 8-76380
- Hanna, A.H.** see Godyak, V.A. 8-67547
- Hanna, O.T.**, Sandall, O.C. Heat transfer in turbulent pipe flow for liquids having a temperature-dependent viscosity 8-90884
- Hanna, S.R.** Predicted climatology of cooling tower plumes from energy centers 8-61541
- Hanna, S.S.** Hyperfine interactions in the L, M and N regimes 8-70448
- Hanna, S.S.** see O'Connell, W.J. 8-66256
- Hanna, S.S.** see Triplett, B.B. 8-76368
- Hannaford, W.** see Haines, G.V. 8-96138
- Hannah, B.W.** see Fuhs, A.E. 8-63512
- Hannaïd, P.B.O.** see Kinsella, I.A. 8-86062
- Hannant, D.J.**, Zonsveld, J.J., Hughes, D.C. Polypropylene film in cement based materials 8-72759
- Hannappel, L.**, Henschel, H., Schmidt, R. A method to make visible plasma delay differences in surface barrier detectors 8-58547
- Hannawayya, F.** Study of the structure and crystallization properties of β -dicalcium silicate (β -C₂S) hydrate 8-73012
- Hannebauer, F.**, Buttlar, H., Heckmann, P.H. The quartet term system of doubly excited O VI 8-62757
- Hannemann, J.**, Bienias, M., Miethling, K.-D. Experience of construction of an angle etalon 8-77852
- Hanner, M.**, Leinert, C., Pitz, E. UVB surface brightness photometry of the Milky Way in Scorpius from the space probe Helios 1 8-57634
- Hannes, G.** A preliminary analysis of ocean-air interactions along the west coast of North America, 1965-1969 8-61508
- Hanni, R.S.** see Damour, T. 8-57573
- Hanni, R.** Squier see Squier Hanni, R.
- Hanninen, H.E.**, Honkasalo, J.A., Pitkanen, H.A.A. Fractographic observations on stress corrosion cracking of some face-centred-cubic alloys 8-64786
- Hannink, R.H.J.**, Murray, M.J. Comment on 'Slip and microhardness of IVa to VIa refractory materials' 8-84967
- Hannink, R.H.J.** see Humble, P. 8-52927
- Hannon, D.M.** Measurement of stripe head velocity using magneto-resistance signal 8-68316
- Hannon, J.P.** see Trammell, G.T. 8-88239
- Hannoosh, J.G.** see Argon, A.S. 8-60767

- Hannoura, A.A.**, McCorquodale, J.A. Unsteady flow in porous media solved by combined finite element-method of characteristics model 8-91012
- Hannula, E.** *see* Dzhambusina, M. 8-89762
- Hannula, E.** *see* Ermilova, D.I. 8-62468
- Hano, K.** Coupled resonator model for resonant polarization conversion and anomalous beam shift 8-87133
- Hano, M.de** *see* de Hano, M.
- Hanrahan, E.J.** *see* Williamson, R.H. 8-49629
- Hanrahan, L.R.** *see* Dietz, L.A. 8-89583
- Hansborough, L.D.**, Cole, T.R., Comisso, R.J., Williamson, K.D., Jr. Material end-plugging for the Scylla IV-P linear theta pinch 8-55744
- Hansborough, L.D.**, Dickinson, J.M., Melton, J.G., Nunnally, W.C. Design and fabrication of a radially-fed implosion heating coil 8-55006
- Hansch, C.** *see* Alex, V. 8-63637
- Hansch, C.** *see* Kirscht, F.-G. 8-59813, 8-64602, 8-75691
- Hansch, T.W.** Multiple coherent interactions 8-82869
- Hansch, T.W.** A self-calibrating grating 8-90528
- Hansch, T.W.** *see* Teets, R.E. 8-82056
- Hansch, T.W.** *see* Wieman, C. 8-82696
- Hanscomb, J.R.**, Chantikul, P. The effect of strontium chloride as impurity on the thermoelectric power of potassium chloride 8-76098
- Hanscomb, J.R.**, Kaahwa, Y. A digital approach to low-frequency dielectric loss measurement 8-54397
- Hanscomb, J.R.** *see* Goldsmid, H.J. 8-80010
- Hanscombe, P.** The variation of the thermoelectric power and activation energy with electrode spacing for Cu₂O and Ni₂O films produced by DC reactive sputtering at a constant pressure 8-76099
- Hansel, K.D.** On the dynamics of multiphoton dissociation of polyatomic molecules 8-82802
- Hansel, K.D.** On the spectra of highly vibrationally excited polyatomic molecules 8-90140
- Hansel, K.D.**, Rosch, N. On the algebraic approximation of scattering wave functions for molecular systems 8-78780
- Hansel, T.** *see* Bindemann, R. 8-64410
- Hanselman, D.** *see* Ryan, W.B.F. 8-73356
- Hansen, A.D.A.**, Wolfe, J.P. Measurement of the nuclear spin diffusion barrier around Eu²⁺ ions in CaF₂ 8-64282
- Hansen, A.E.** Interference effects in natural circular dichroism spectra 8-82758
- Hansen, E.B.** *see* Christiansen, S. 8-81808
- Hansen, F.Y. I.** A computer program for generation of a complete set of coordinates and force matrices for normal mode calculations of crystals and molecules 8-91393
- Hansen, F.Y. II.** A program for computing normal modes of molecules, crystal phonon dispersion relations and structure factors for neutron inelastic scattering 8-91394
- Hansen, F.Y. III.** A force constant adjuster program to obtain least squares fit to observed frequencies of molecules and crystals 8-91395
- Hansen, G.**, Munson, B. Surface chemical ionization mass spectrometry 8-92547
- Hansen, J.B.** *see* Svendsen, I.A. 8-92844
- Hansen, J.B.** *see* Svendsen, I.B.A. 8-90921
- Hansen, J.E.** Re-evaluation of the oscillator strength for the resonance transition in neutral strontium (Sr I) 8-90125
- Hansen, J.E.**, Driscoll, D.M. A mathematical model for the generation of hourly temperatures 8-61502
- Hansen, J.E.**, Wei-Chiyung Wang, Locis, A.L. Mount Agung eruption provides test of a global climatic perturbation 8-69440
- Hansen, J.E.** *see* Fischer, C.F. 8-74616
- Hansen, J.J.** *see* Ramskov, J.J. 8-90496
- Hansen, J.S.** *see* Blake, P.R. 8-73596
- Hansen, K.H.** *see* Albrow, M.G. 8-58214
- Hansen, L.D.**, Hart, R.M. The characterisation of internal power losses in pacemaker batteries by calorimetry 8-92747
- Hansen, L.F.** *see* Sidhu, G.S. 8-50234
- Hansen, N.K.** *see* Coppens, P. 8-71633
- Hansen, O.** *see* Aizenberg-Selove, F. 8-70544
- Hansen, O.** *see* Christensen, P.R. 8-54798
- Hansen, O.P.**, Cheruvier, E., Michenaud, J.-P., Issi, J.-P. Diffusion thermoelectric power of bismuth in a magnetic field 8-56167
- Hansen, P.** *see* Heitman, H. 8-52324
- Hansen, P.E.**, Nevald, R., Guggenheim, H.G. Transferred hyperfine interaction between rare earth ions and the fluorine nuclei in rare-earth trifluorides 8-68393
- Hansen, P.E.** *see* Nevald, R. 8-70172
- Hansen, P.G.** Statistical evaluation and measuring strategy for extremely small line shifts 8-86234
- Hansen, P.G.** *see* Asboe-Hansen, P. 8-86507
- Hansen, P.G.** *see* Borchert, G.L. 8-70777
- Hansen, P.G.** *see* D'Auria, J.M. 8-70489
- Hansen, P.G.** *see* Elmroth, T. 8-86517
- Hansen, P.G.** *see* Ganzorig, D. 8-86557
- Hansen, P.G.** *see* Ganzorig, Dz. 8-89827
- Hansen, P.G.** *see* Hagberg, E. 8-89779
- Hansen, P.G.** *see* Hardy, J.C. 8-89830
- Hansen, R.O.**, Newman, E.T., Penrose, R., Tod, K.P. The metric and curvature properties of \mathcal{H} -space 8-89376
- Hansen, R.O.** *see* Ashtekar, A. 8-65848
- Hansen, R.T.** *see* Schwenn, R. 8-57419
- Hansen, S.** *see* Appel, E. 8-58513
- Hansen, U.J.** Manpower studies relating to college physics teaching in the midwest 8-62039
- Hansen, W.G.** *see* Miller, J.R. 8-58487
- Hanser, F.A.**, Sellers, B., Briel, D.C. Ultraviolet spectrophotometer for measuring columnar atmospheric ozone from aircraft 8-73522
- Hansl, T.**, Holder, M., Knobloch, J., May, J., Paar, H.P., Palazzi, P., Para, A., Ranjard, F., Schlatter, D., Steinberger, J., Suter, H., von Ruden, W., Wahl, H., Whitaker, S., Williams, E.G.H., Eisele, F., Kleinknecht, K., Lierl, H., Spahn, G., Willutzki, H.J., Dorth, W., Dydak, F., Gwenger, C., Hepp, V., Tittel, K., Wotschack, J., Bloch, P., Devaux, B., Loucatos, S., Maillard, J., Peyaud, B., Rander, J., Savoy-Navarro, A., Turlay, R., Navarra, F.L. Origin of trimuon events in high-energy neutrino interactions 8-74244
- Hansl, T.**, Holder, M., Knobloch, J., May, J., Paar, H.P., Palazzi, P., Para, A., Ranjard, F., Schlatter, D., Steinberger, J., Suter, H., von Ruden, W., Wahl, H., Whitaker, S., Williams, E.G.H., Eisele, F., Kleinknecht, K., Lierl, H., Spahn, G., Willutzki, H.J., Dorth, W., Dydak, F., Gwenger, C., Hepp, V., Tittel, K., Wotschack, J., Bloch, P., Devaux, B., Loucatos, S., Maillard, J., Peyaud, B., Rander, J., Savoy-Navarro, A., Turlay, R., Navarra, F.L. Origin of trimuon events in high-energy neutrino interactions 8-89698
- Hansl, T.**, Holder, M., Knobloch, J., May, J., Paar, H.P., Palazzi, P., Ranjard, F., Schlatter, D., Steinberger, J., Suter, H., von Ruden, W., Wahl, H., Whitaker, S., Williams, E.G.H., Eisele, F., Kleinknecht, K., Lierl, H., Spahn, G., Willutzki, H.J., Dorth, W., Dydak, F., Gwenger, C., Hepp, V., Tittel, K., Wotschack, J., Bloch, P., Devaux, B., Loucatos, S., Maillard, J., Peyaud, B., Rander, J., Savoy-Navarro, A., Turlay, R., Navarra, F.L. Results of a beam dump experiment at the CERN SPS neutrino facility 8-89860
- Hansl, T.** *see* Faissner, H. 8-70355
- Hansma, P.K.** Survey of applications of tunneling spectroscopy 8-92588
- Hansma, P.K.** *see* Hall, J.T. 8-91545
- Hansmann, D.R.** *see* Sheppard, J.J. 8-81019
- Hanson, A.W.** 7,7,8,8-tetracyanoquinodimethane(perylenes)-perylene 8-76561
- Hanson, A.W.** *see* Burshtein, Z. 8-95310
- Hanson, A.W.** *see* Dobbing, J.A. 8-87575
- Hanson, C.L.** Thermal-mechanical design of a 150-mA, direct-current, 400-keV accelerator for production of 14-MeV neutrons 8-66383
- Hanson, D.L.** *see* Aizenberg-Selove, F. 8-66290
- Hanson, D.L.** *see* Becchetti, F.D. 8-89896
- Hanson, D.L.** *see* Flynn, E.R. 8-62549
- Hanson, D.L.** *see* Goodman, C.D. 8-50170
- Hanson, G.** *see* Feller, J.M. 8-66136
- Hanson, G.** *see* Heile, F.B. 8-74238
- Hanson, G.** *see* Himel, T. 8-78157
- Hanson, G.** *see* Jaros, J.A. 8-50042
- Hanson, G.** *see* Osborne, L.S. 8-66267
- Hanson, G.** *see* Peruzzi, I. 8-74252
- Hanson, G.** *see* Scharre, D.L. 8-89723
- Hanson, G.** *see* Tanenbaum, W. 8-66113
- Hanson, G.** *see* Vuillemin, V. 8-93876
- Hanson, G.N.** The application of trace elements to the petrogenesis of igneous rocks of granitic composition 8-65215
- Hanson, G.N.** *see* Langmuir, C.H. 8-53625
- Hanson, J.D.** *see* Byers, J.A. 8-67403
- Hanson, J.P.** *see* Chi, J.W.H. 8-74481
- Hanson, K.**, Morris, J.W., Jr. Computer simulation of interacting dislocation motion resisted by pointlike barriers 8-71742
- Hanson, K.**, Morris, J.W., Jr. Three-dimensional analysis of cellular microstructures by computer simulation 8-87640
- Hanson, K.** *see* Pundarik, E.S. 8-88472
- Hanson, K.M.** Detectability in the presence of computed tomographic reconstruction noise 8-69213
- Hanson, K.M.** *see* Bebek, C.J. 8-66128
- Hanson, M.** Magnetic susceptibility and single-impurity effects in dilute AgMn alloys 8-64186
- Hanson, R.C.** *see* Shand, M.L. 8-60463
- Hanson, R.K.**, Kuntz Falcone, P. Temperature measurement technique for high-temperature gases using a tunable diode laser 8-86268
- Hanson, W.B.** *see* Heelis, R.A. 8-96340
- Hanson, W.T., Jr.** A fundamentally new colour imaging technology for instant photography 8-62247
- Hansoul, J.P.**, Galloy, C. Anomalous effects in photoelectron spectroscopy. The third electronic state of HCN⁺ 8-70871
- Hanssen, J.** *see* Buchal, C. 8-89478
- Hanssen, K.-J.**, Ade, G. Phase contrast transfer with different imaging modes in electron microscopy 8-70232
- Hanssen, K.O.**, Urnes, S. X-ray diffraction studies of glasses in the systems K₂O-SiO₂-GeO₂ and Cs₂O-SiO₂-GeO₂ 8-87622
- Hansson, I.**, Jonassen, N. Electrostatic properties of xerographic papers 8-78852
- Hansson, I.**, Morch, K.A., Preece, C.M. A comparison of ultrasonically generated cavitation erosion and natural flow cavitation erosion 8-59435
- Hansson, I.**, Tholen, A. Plasticity due to superimposed macroscopic and static strains 8-60719
- Hansson, I.**, Tholen, A. Adhesion between fine gold particles 8-72009
- Hansson, N.** Hypersensitisation of photographic emulsion 8-85853
- Hansson, T.H.**, Konishi, K. Multiquark hadrons in two-dimensional QCD 8-66085
- Hansson, T.H.** *see* Chan Hong-Mo 8-74212
- Hansson, T.H.** *see* Fukugita, M. 8-58219
- Hansson, T.H.** *see* Hong-Mo, C. 8-82158
- Hanst, P.L.** Air pollution measurement by Fourier transform spectroscopy 8-61564
- Hanst, P.L.** *see* Spence, J.W. 8-76880
- Hanst, P.L.** *see* Zimmerman, P.R. 8-88881
- Hantel, M.**, Hacker, J.M. On the vertical eddy transports in the northern atmosphere. II. Vertical eddy momentum transport for summer and winter 8-57249
- Hantzschke, E.** Cathode processes in vacuum arcs 8-75481
- Hanumara, R.C.** A comparison of estimators of the precision of two instruments 8-89424
- Hanumath Sastri, J.**, Suryanarayana Murthy, B. Seasonal variation of night time Pi 2 micro-pulsations at Kodaikanal 8-85772
- Hanuscak, P.A.** A reliable electric power distribution system for FTIR auxiliaries 8-54962
- Hanyu, T.** *see* Ishii, H. 8-52618
- Hanzawa, T.** *see* Ito, U. 8-84755
- Hao Bai-Lin** *see* Shi-He 8-52185
- Hao Bin-Gan** *see* Liu Gou-Xing 8-78427
- Hao Hsieh-Sui** *see* Hsieh-Sui Hao
- Hao Pan** *see* Pan Hao
- Haour, G.**, Mollard, F., Lux, B., Wright, I.G. New eutectics based on Fe, Co or Ni. I. Screening procedure and results obtained for Fe-base alloys 8-52767
- Haour, G.**, Mollard, F., Lux, B., Wright, I.G. New eutectics based on Fe, Co, and Ni. II. Co-base eutectics 8-52768
- Haour, G.**, Mollard, F., Lux, B., Wright, I.G. New eutectics based on Fe, Co and Ni. III. Results obtained for Ni-base alloys 8-52771
- Hapke, B.**, Cassidy, W. Is the Moon really as smooth as a billiard ball? Remarks concerning recent models of sputter-fractionation on the lunar surface 8-61762
- Happel, H.** *see* Knorr, K. 8-76036
- Happer, W.**, Tam, A.C. Long range interaction between CW laser beams in an atomic vapor 8-87110
- Happer, W.** *see* Nagourney, W. 8-66678
- Happer, W.** *see* Tam, A.C. 8-74753, 8-82779
- Happer, W.** *see* Yabuzaki, T. 8-78746
- Haque, A.K.M.M.** *see* Geary, M.J. 8-82563
- Haque, M.K.**, Thakur, S.N. Electronic emission spectrum of p-fluorobenzaldehyde vapour 8-78742
- Haque, M.S.**, Strauch, D., Krause, H., Suski, T. Perturbed lattice dynamics of CsBr:Ti³⁺. A breathing shell model calculation 8-75744
- Hara, H.** The saturation parameter of a CW CO₂ gasdynamic laser 8-71077
- Hara, H.** Methods for non-Markovian process 8-93612
- Hara, H.**, Nakao, S. Enhancement of thermally pumped CO₂ laser power by addition of Ar gas 8-55336
- Hara, H.** *see* Yasuda, H. 8-69660
- Hara, K.** Surface treatment of quartz oscillator plate by ion implantation 8-59826
- Hara, K.** Anisotropic uniform model universes with cosmical constant. I. Flat space 8-73788
- Hara, M.**, Hayata, N., Akazaki, M. Basic studies on ion flow electrification phenomena [d.c. transmission lines] 8-78853
- Hara, M.** *see* Sagara, K. 8-58292
- Hara, N.** *see* Morita, K. 8-82831
- Hara, R.** *see* Umeya, K. 8-95770
- Hara, T.** *see* Inada, T. 8-83834
- Hara, Y.** Anomalous ep-events and F*-meson 8-66108
- Harada, I.** On three kinds of solutions of a flow between two rotating disks 8-79323
- Harada, I.** On the multiple solutions of a flow between counter-rotating disks enclosed by a cylinder 8-79324

- Harada, I.**, Nagai, O. Surface spin waves and surface spin arrangements in helical magnets 8-68198
- Harada, M.** see Tada, Y. 8-89476
- Harada, S.**, Ohno, S., Tamaki, S. Localized impurity states in liquid tellurium: Paramagnetic susceptibilities of 4d-transitional solutes in liquid Te 8-64185
- Harada, S.** see Ohji, K. 8-92313
- Harada, Y.** High temperature corrosion 8-72911
- Haradome, M.** see Nitta, M. 8-68032
- Haragan, D.R.** Precipitation climatology for the Texas High Plains 8-92959
- Haraguchi, H.** see Boutillier, G.D. 8-82680
- Haraguchi, H.** see Weeks, S.J. 8-61073, 8-86908
- Harakawa, K.** see Takahashi, K. 8-56683, 8-76688
- Haralick, R.M.** Interactive image processing software 8-58940
- Harami, T.** see Sakai, H. 8-72438
- Haramia, F.** The effect of neutron radiation on some brittle fracture characteristics of reactor vessel steels 8-50254
- Haranahalli, A.R.** see Molnar, B.J. 8-72620
- Harar, S.** see Bieth, C. 8-55058
- Harari, E.** Dielectric breakdown in electrically stressed thin films of thermal SiO₂ [MOS technology] 8-64322
- Harari, H.** Quarks and leptons 8-74197
- Harasiewicz, K.A.** Electro-optical ceramics PLZT 8-56458
- Harbec, J.Y.**, Paquet, Y., Jandl, S. Crystallography and temperature dependence of the resistivity of SnS₂-Se₂ solid solutions 8-91693
- Harbeck, G.** see Steigmeier, E.F. 8-79728
- Harbich, W.**, Servuss, R.M., Helfrich, W. Passages in lecithin-water systems 8-96028
- Harbottle, J.E.** see Madden, P.K. 8-51596
- Harcke, H.T., Jr.** Bone imaging in infants and children: A review 8-77107
- Harcourt, R.D.**, Roso, V. Valence-bond studies of 4-electron 3-centre bonding units. I. The π -electrons of O₃, NO₂⁻, and CH₂N₂ 8-70748
- Hard, A.**, Sivik, L. Distinctness of borderline related to the Natural Color System (NCS) 8-57002
- Hard, A.** see Sivik, L. 8-57004
- Harden, B.N.**, Norbury, J.R., White, W.J.K. Estimation of attenuation by rain on terrestrial radio links in the UK at frequencies from 10 to 100 GHz 8-73426
- Hardenbol, J.** see Berggren, W.A. 8-77201
- Harder, C.R.**, Bhadra, D.K. Diffusive losses and scaling law for large Tokamaks 8-87478
- Harder, D.**, Rassow, J. The new SI units in radiological protection 8-86235
- Harder, T.M.** see Dickey, F.M. 8-79126
- Hardie, G.** see Meyer-Schutzmeister, L. 8-70486
- Harding, D.**, Guyer, R.A., Greenstein, G. Superfluidity in neutron stars. III. Relaxation processes between the superfluid and the crust 8-65645
- Harding, G.**, Bertram, U., Weiss, H. Towards optimum blurring in spiral tomography 8-69181
- Harding, G.L.** Sputtered metal silicide solar selective absorbing surfaces 8-52671
- Harding, J.**, Binding, A.A. Windfields during gales in the North Sea and the gales of 3 January 1976 8-96272
- Harding, L.B.**, Goddard, W.A., III. Methylene: ab initio vibronic analysis and reinterpretation of the spectroscopic and negative photoelectron experiments 8-50479
- Harding, L.K.** see Griffin, D.W. 8-53496
- Hardisson, A.**, Mauricio, F., Velasco, S. Absorption line shape of two coupled oscillators decaying in two different mediums 8-62850
- Hardouin, F.**, Sigaud, G., Achard, M.-F., Gasparoux, H. Binary diagrams of mesomorphous compounds exhibiting singular points 8-95139
- Hardt, H.J.**, Preuss, W., Tietze, A. Features of nuclear accidents affecting emergency measures 8-55055
- Hardy, A.** see Streifer, W. 8-79102
- Hardy, E.** Some integrated photometric properties of the Large Magellanic Cloud 8-54054
- Hardy, E.** The population structure of the Large Magellanic Cloud. II. Count-brightness ratios for the central regions 8-89245
- Hardy, G.J.**, Turner, T.W., Ashbee, K.H.G. Detection of defects in opaque solids using visualized ultrasound 8-85091
- Hardy, H.D.** see Layton, M.R. 8-90568
- Hardy, J.C.**, Jonson, B., Hansen, P.G. The essential decay of pandemonium: β -delayed neutrons 8-89830
- Hardy, J.C.** see Asboe-Hansen, P. 8-86507
- Hardy, J.C.** see Cerny, J. 8-82322
- Hardy, J.C.** see D'Auria, J.M. 8-70489
- Hardy, J.C.** see Elmroth, T. 8-86517
- Hardy, J.R.**, Karo, A.M. Theoretical studies of the soliton-like behaviour of shocks in one-dimensional systems 8-59859
- Hardy, J.R.** see Cunningham, S.L. 8-90258
- Hardy, J.R.** see Kim, Q. 8-80360
- Hardy, J.W.** Active optics: a new technology for the control of light 8-71187
- Hardy, R.J.**, Jones, B.W. Tests of the uncorrelated-pairs approximation for the anharmonic free energy 8-59920
- Hardy, W.N.** see Kubik, P.R. 8-75935
- Hare, F.K.** Nuclear wastes and the hydrologic cycle 8-94103
- Harendza, H.B.** Thermal effects during penetration hardness testing on plastics 8-76801
- Hareng, M.** see Le Berre, S. 8-91237
- Harer, W.** see Schwierz, G. 8-88745
- Harger, R.A.** see Shibuya, K. 8-82769
- Harger, R.O.**, Levine, D.M. Microwave scatter and sea state estimation: two-scale ocean wave models 8-77244
- Hargis, L.G.** see Howell, J.A. 8-85222
- Hargitai, C.**, Lovas, A. Dependence of magnetic properties on the composition in a binary metallic glass system: Iron-boron 8-60314
- Hargitai, C.** see Tarnoczi, T. 8-94997
- Hargrave, C.** Vignola de see Vignola de Hargrave, C.
- Hargraves, R.B.** Problems in palaeomagnetic synthesis illustrated by results from Permian-Triassic dolerites in Guyana 8-57163
- Hargraves, R.B.** see Fuller, A.O. 8-65538
- Hargraves, W.R.** see Justus, C.G. 8-92908
- Hargreaves, J.K.** On the presentation of ATS-6 electron-content data 8-61593
- Hargreaves, R.** see Sumeling, R. 8-54855
- Haridasan, T.M.** see Kalyani, S. 8-75779, 8-75875
- Haridasan, T.M.** see Marimuthu, T. 8-59892
- Haridoss, S.** see Radhakrishna, S. 8-60381
- Harihar, P.** see Karatzas, P.T. 8-62529
- Hariharan, M.V.** see Soni, M.P. 8-78473
- Hariharan, P.** Hologram recording geometry: its influence on image luminance 8-63042
- Hariharan, P.** Hologram interferometry without a reference beam 8-71063
- Hariharan, R.**, Menon, K.A.P. A fluidic drive system for intra-aortic balloon heart assist device 8-53566
- Harima, H.**, Yoshida, T., Urano, Y. Measurement of oscillator strength of several lines of Ba I 8-74607
- Haring, A.** see Overijnder, H. 8-88392
- Hariri, A.**, Wittig, C. Electronic to vibrational energy transfer, from Br(4P_{1/2}) to H₂O 8-55220
- Haritonidis, J.H.**, Kaplan, R.E., Wygnanski, I. Interaction of a turbulent spot with a turbulent boundary layer 8-90858
- Hariu, T.** see Adachi, H. 8-56421, 8-76178
- Harkema, S.**, van Hummel, G.J., de Groot, H.J., Gijngink, J., Schokkenbroek, N. A simple temperature monitor for the PW1100 diffractometer 8-67617
- Harker, K.J.** see Ilic, D.B. 8-75479
- Harkness, D.D.** see Campbell, J.A. 8-70236
- Harkness, S.** see Brooks, J. 8-70636
- Harkness, S.D.** see Brooks, J.N. 8-66410
- Harkrider, D.G.**, Helmberger, D.V. A note on nonequivalent quadrupole source cylindrical shear potentials which give equal displacements 8-92785
- Harland, C.J.** see Venables, J.A. 8-83699
- Harland, M.** see Feldman, C.L. 8-88757
- Harland, P.W.** see Freeman, C.G. 8-56885, 8-85189
- Harlen, F.** Protection standards for microwave and radiofrequency radiations 8-80973
- Harlen, F.** see McKinlay, A. 8-96064
- Harley, R.T.**, Lowde, R.D., Saunders, G.A., Scherm, R., Underhill, C. Elastic anomalies and the martensitic transformation in gamma manganese alloys 8-84807
- Harley, R.T.**, Manning, D.I. Jahn-Teller induced elastic constant changes in TiPO₄ 8-79657
- Harley, R.T.**, Manning, D.I., Ryan, J.F. A vacuum furnace for optical spectroscopy 8-58062
- Harley, R.T.**, Taylor, D.R. Dielectric anomalies at the cooperative Jahn-Teller phase transitions in DyAsO₄ and DyVO₄ 8-64312
- Harley, R.T.** see Berger, M. 8-79733
- Harley, R.T.** see Bleaney, B. 8-80226
- Harley, R.T.** see Catlow, C.R.A. 8-80365, 8-80369
- Harlow, C.A.** On radiographic image analysis 8-61256
- Harlow, C.A.** see Kelly, J.C. 8-77113
- Harlow, D.G.**, Phoenix, S.L. The chain-of-bundles probability model for the strength of fibrous materials. I. Analysis and conjectures 8-67095
- Harlow, D.G.**, Phoenix, S.L. The chain-of-bundles probability model for the strength of fibrous materials. II. A numerical study of convergence 8-88496
- Harlow, F.H.** see Amsden, A.A. 8-78298
- Harmatz, B.** Nuclear data sheets for A=194 8-89769
- Harmer, D.L.**, Keyse, R.J., Sieber, L.J. High-dispersion spectroscopy with a 4-cm McMullan electronographic camera 8-73644
- Harmon, B.N.**, Schirber, J.E., Koelling, D.D. Self-consistent relativistic ferromagnetic band structure of gadolinium 8-91609
- Harmon, B.N.** see Grobysky, K. 8-68199
- Harmon, B.N.** see Stassis, C. 8-59884
- Harmon, D.** see Morency, D.G. 8-79871
- Harmon, G.S.** see Littlefield, R.G. 8-89584
- Harmon, J.K.** see Coles, W.A. 8-77448, 8-89033
- Harmon, R.S.**, Schwarcz, H.P., Ford, D.C. Late Pleistocene sea level history of Bermuda 8-73400
- Harmon, R.S.**, Thompson, P., Schwarcz, H.P., Ford, D.C. Late Pleistocene paleoclimates of North America as inferred from stable isotope studies of speleothems 8-57297
- Harms, A.A.** Physical processes and mathematical methods in neutron radiography 8-60888
- Harms, A.A.**, Heindler, M., Lowe, D.M. The physical basis for accurate dimensional measurements in neutron radiography 8-60926
- Harms, A.A.** see Attia, E.A. 8-50227
- Harms, A.A.** see Reijonen, H. 8-60893
- Harms, J.**, Lahmann, W., Weitkamp, C. Geometrical compression of lidar return signals [remote sensing of atmosphere] 8-57329
- Harms, P.** see Alexander, G. 8-74251, 8-89766
- Harms, P.** see Berger, Ch. 8-62414, 8-89725
- Harms, R.J.**, Strittmatter, P.A., Williams, R.E. The far-ultraviolet flux from λ Orionis A 8-93303
- Harnack, R.P.**, Landsberg, H.E. Winter season temperature outlooks by objective methods 8-85641
- Harnad, J.**, Vinet, L. On the U(2) invariant solutions to Yang-Mills equations in compactified Minkowski space 8-70262
- Harnden, J.M.** see Burgess, J. 8-53597
- Harness, J.B.** see Bothamley, P.E. 8-53603
- Harnett, P.R.**, Mountain, G.D., Barnett, M.E. Spatial filtering applied to remote sensing imagery 8-90385
- Harnew, N.** see Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Harney, H.L.** see Barrette, J. 8-58296
- Harney, R.C.** Propagation of ultrashort light pulses in a resonant medium 8-50849
- Harney, R.C.** Active laser resonator control techniques 8-71122
- Harnty, J.M.** see O'Haver, T.C. 8-89547
- Haroche, S.** see Fabre, C. 8-82672
- Haroche, S.** see Gross, M. 8-66794
- Harold Szu** Hwaling see Hwaling Harold Szu
- Harosi, F.**, Snyder, A.W. Comments on form dichroism in vertebrate photoreceptors [and reply] 8-56969
- Harper, C.** Quantum corrections for thermodynamics 8-70082
- Harper, C.** see Crowder, G.A. 8-90173
- Harper, D.A.** see Kleinmann, S.G. 8-54009
- Harper, D.A.** see Thronson, H.A., Jr. 8-69853
- Harper, J.F.** Asthenosphere flow and plate motions 8-96180
- Harper, J.M.E.**, Cuomo, J.J., Gambino, R.J., Kaufman, H.R., Robinson, R.S. Mean free path of negative ions in diode sputtering 8-95641
- Harper, J.M.E.** see Cuomo, J.J. 8-60574, 8-72663
- Harper, M.P.** see Ellison, E.G. 8-63321
- Harper, R.A.** see Frasca, P. 8-57150, 8-77080
- Harper, R.M.** see Roble, R.G. 8-57385
- Harra, D.J.** Differentially pumped six-inch metal sealed gate valve 8-70137
- Harre, R.** Models in science [for teachers] 8-86108
- Harre, W.** see Okrusch, M. 8-96169
- Harrell, E.M.** On the rate of asymptotic eigenvalue degeneracy 8-57803
- Harremoes, P.** see Simonsen, J.F. 8-92866
- Harries, J.E.** Remote sensing of atmospheric pollution from space 8-61621
- Harries, J.E.** Ratio of HNO₃ to NO₂ concentrations in daytime stratosphere 8-73460
- Harries, J.E.** see Bradsell, R.H. 8-79113
- Harries, W.L.** The effect of charge transfer on ion drift velocity in electromagnetic fields 8-83527
- Harrigan, W.C., Jr.** The effects of temperature and pressure on the interface chemistry in the graphite-aluminum composite system 8-64595
- Harrill, M.D.**, Rhodes, C.A., Faust, J.W., Jr., Hilborn, R.B., Jr. Thermal analysis of solidification in web-dendritic ribbon growth 8-72770
- Harriman, J.E.** Geometry of density matrices. I. Definitions, N matrices and 1 matrices 8-65816
- Harriman, J.E.** Geometry of density matrices. II. Reduced density matrices and N representability 8-65817
- Harrington, B.J.**, Shepard, H.K. Periodic Euclidean solutions and the finite-temperature Yang-Mills gas 8-66041

- Harrington, D.R.**, Varma, G.K. Corrections to the Glauber theory and nucleon-nucleon scattering 8-50166
- Harrington, D.R.**, Varma, G.K. Correlation and isospin effects in high energy scattering of hadrons from nuclei 8-94000
- Harrington, J.A.**, Bobbs, B.L., Braunstein, M., Kim, R.K., Stearns, R., Braunstein, R. Ultraviolet-visible absorption in highly transparent solids by laser calorimetry and wavelength modulation spectroscopy [low loss laser components] 8-66876
- Harrington, J.A.**, Rudisill, J.E., Braunstein, M. Thin-film 2.8- μ m and 3.8- μ m absorption in single-layer films 8-90463
- Harrington, J.A.** see Allen, S.D. 8-71160
- Harrington, R.A.**, Kouwen, N., Farquhar, G.J. Behaviour of a hydrodynamic finite element model 8-92876
- Harrington, R.F.** see Mautz, J.R. 8-55275
- Harrington, R.S.** see Christy, J.W. 8-85900
- Harrington, R.S.** see Walker, R.L. 8-81573
- Harrington, W.L.** see Magee, C.W. 8-54495, 8-79624
- Harris, A.**, Orringer, O. Investigation of angle-ply delamination specimen for interlaminar strength test 8-88523
- Harris, A.B.** see Berlinsky, A.J. 8-75934
- Harris, A.B.** see Dasgupta, C. 8-51956
- Harris, A.B.** see Fisch, R. 8-87956
- Harris, A.J.** see Vermeulen, L.A. 8-49900
- Harris, A.W.** Satellite formation. II 8-53845
- Harris, B.** see Guild, F.J. 8-95808
- Harris, C.B.**, Shelby, R.M., Cornelius, P.A. Intermolecular energy exchange as a mechanism for vibrational dephasing in polyatomic molecules 8-74737
- Harris, C.B.** see Brenner, H.C. 8-64298
- Harris, C.B.** see Zwemer, D.A. 8-56078, 8-84498
- Harris, D.** see Dallos, P. 8-92642
- Harris, D.E.**, Miley, G.K. Westerbork observations of five fields centered on Abell clusters of galaxies 8-96549
- Harris, D.O.**, Domaille, P.J., Steimle, T.C., Wormsbecher, R.F. Laser spectroscopy of small molecules 8-82757
- Harris, D.O.** see Domaille, P.J. 8-70855
- Harris, D.O.** see Nakagawa, J. 8-74685
- Harris, F.A.** see Bell, J. 8-54625, 8-93872, 8-93873
- Harris, F.E.** see Dalhale, J. 8-79969
- Harris, F.M.** see Coates, R. 8-79488
- Harris, G.L.** see Maracas, G.N. 8-91513
- Harris, H.H.** see Kelley, J.D. 8-66578
- Harris, I.** see Haywood, J.K. 8-92697
- Harris, I.** see Hedin, A.E. 8-88959
- Harris, I.** see Mayr, H.G. 8-88958
- Harris, I.R.** see Poutney, J.M. 8-84398
- Harris, J.**, Jones, R.O. Density functional theory of 3d-transition element atoms 8-58578
- Harris, J.**, Jones, R.O. Pseudopotentials in density-functional theory 8-72106
- Harris, J.E.** Vacancy injection during oxidation—a re-examination of the evidence 8-60864
- Harris, J.E.** Diffusional growth of creep voids 8-71720
- Harris, J.E.** see Speight, M.V. 8-60865
- Harris, J.G.** see Achenbach, J.D. 8-73322
- Harris, J.H.** see Boxman, R.L. 8-87515
- Harris, J.L.** see Eraslan, A.H. 8-96232
- Harris, J.M.** see Pretorius, R. 8-51851
- Harris, J.S.** see Sahai, R. 8-76612
- Harris, J.W.** see Jachinski, C.M. 8-66310
- Harris, J.W.** see Malmin, R.E. 8-82330
- Harris, K.R.** The density dependence of the self-diffusion coefficient of chlorotrifluoromethane near the critical temperature 8-95530
- Harris, K.R.**, Mills, R., Back, P.J., Webster, D.S. An improved NMR spin-echo apparatus for the measurement of self-diffusion coefficients: The diffusion of water in aqueous electrolyte solutions 8-80243
- Harris, K.R.** see Woolf, L.A. 8-64852, 8-87798
- Harris, L., Jr.** see Kull, L.A. 8-82484
- Harris, M.** see Rushneck, D.R. 8-77460
- Harris, N.W.** see Champagne, L.F. 8-63079, 8-82951
- Harris, P.** Matched plasma heating mode with moving boundaries 8-59633
- Harris, R.**, Bogert, D., Hanft, R., Huson, F.R., Kahn, S., Smart, W., Biswas, N.N., Bishop, J.M., Cason, N.M., Kenney, V.P., Shephard, W.D., Albright, J.R., Hagopian, S., Hays, P., Lannutti, J.E. Two-particle correlations involving neutral strange particles 8-82242
- Harris, R.** see Ferrer, R. 8-72136
- Harris, R.A.**, Stodolsky, L. Quantum beats in optical activity and weak interactions 8-94293
- Harris, R.A.**, Strauss, H.L. Paradoxes from the uncertainty principle 8-89280
- Harris, R.A.**, Zund, J.D. An algorithm using symbolic techniques for the Bel-Petrov classification of gravitational fields 8-93566
- Harris, R.R.** see Barry, J.F. 8-54500
- Harris, S.E.** see Zych, L.J. 8-58102
- Harris, S.M.** see Evans, P.J. 8-66193
- Harris, T.F.W.**, Stavropoulos, C.C. Satellite-tracked drifters between Africa and Antarctica 8-73376
- Harris, T.J.**, Mathieson, E. Angular localisation of proportional chamber avalanche 8-78584
- Harris, T.J.** see Mathieson, E. 8-50434, 8-78585
- Harris, W.** see Gentle, K. 8-54984
- Harris, W.E.** Sampling, manipulative observational, and evaluative errors 8-77827
- Harris, W.E.**, Petrie, P.L. The space distribution of globular clusters in M49 8-93393
- Harris, W.E.** see Evanoff, J.E. 8-51711
- Harris, W.L.** see Aravamudan, K.S. 8-83167
- Harrison, B.H.** see Barton, S.S. 8-60025
- Harrison, C.G.A.** see Barron, E.J. 8-92805
- Harrison, D.** Comment on 'Partons in antiquity' 8-54143
- Harrison, D.** Nonacademic physics employment: a challenge to traditional values 8-62036
- Harrison, D.C.** see Spitz, A.L. 8-81020
- Harrison, D.E., Jr.**, Kelly, P.W., Garrison, B.J., Winograd, N. Low energy ion impact phenomena on single crystal surfaces 8-88396
- Harrison, D.E., Jr.** see Garrison, B.J. 8-92157
- Harrison, D.E., Jr.** see Winograd, N. 8-95643
- Harrison, D.J.** see Lapworth, K.C. 8-62200
- Harrison, E.R.** see Lategan, A.H. 8-86070
- Harrison, G.H.**, Kubicek, E.B. Intense neutron source based on 79 MeV deuterons bombarding beryllium 8-86710
- Harrison, G.H.** see Robinson, J.E. 8-64942
- Harrison, G.S.** see Fisher, S.A. 8-94120
- Harrison, H.R.**, Veeraraghavan, V.G. Rapid growth of large alloy austenitic crystals from the melt 8-84791
- Harrison, I.R.** see Runt, J. 8-71687
- Harrison, I.R.** see Stetson, K.A. 8-71056
- Harrison, J.A.**, Sandbach, D.R. The rate of cadmium deposition at cadmium amalgam and cadmium metal 8-52693
- Harrison, J.A.** see Cooper, I.L. 8-61017
- Harrison, J.D.**, David, A.J., Stather, J.W. Experimental studies of the translocation of plutonium from simulated wound sites in the rat 8-77117
- Harrison, J.L.**, Bartlett, A.A. The power to tell the time [for teachers] 8-81773
- Harrison, J.P.** see Bevis, M. 8-95584
- Harrison, J.P.** see Folinsbee, J.T. 8-84043
- Harrison, K.G.**, Hancock, I.B. A neptunium dosimeter and spark-counting system for routine personnel monitoring 8-89984
- Harrison, K.T.** see Hooper, A. 8-51725
- Harrison, L.** see Ostro, P.T. 8-77095, 8-96082
- Harrison, L.A.** see Smith, W.M. 8-81060
- Harrison, M.F.A.** see Brook, E. 8-86956
- Harrison, M.F.A.** see Woodruff, P.R. 8-50647
- Harrison, P.E.** see Merrill, R.M. 8-74444
- Harrison, R.J.** see Bishop, G.H., Jr. 8-87687
- Harrison, R.M.**, Farmer, F.T. The determination of anatomical cross-sections using a radiotherapy simulator 8-61244
- Harrison, R.W.** see Henkelman, R.M. 8-96113
- Harrison, R.W.** see Lam, G.K.Y. 8-73254
- Harrison, S.J.** A national inventory of weather stations 8-69462
- Harrison, T.G.** The low-temperature photonuclear nucleosynthesis of the bypassed (p-) nuclei in degenerate hydrogen burning zones and its relationship to nova outbursts 8-57540
- Harrison, V.A.W.** see Boggess, A. 8-96382
- Harrison, W.E., Jr.**, Miller, A.C., Jr., Shofner, F.M. Principles and performance of a new aerosol detector in cryogenic systems 8-81986
- Harrison, W.W.** see Bruhn, C.G. 8-61075
- Harrop, R.** Hydrophilic protective coatings on glass 8-85019
- Harsh, O.K.** see Shrivastava, R.L. 8-64432
- Harsh, O.K.** see Srivastava, K.S. 8-64430
- Harshbarger, W.R.**, Porter, R.A. Spectroscopic analysis of RF plasmas [semiconductor-device processing] 8-63589
- Harshvardhan, Cess, R.D.** Effect of tropospheric aerosols upon atmospheric infrared cooling rates 8-88886
- Hart, A.C., Jr.** see Dimarcello, F.V. 8-87135
- Hart, A.C., Jr.** see Miller, T.J. 8-87138
- Hart, F.X.**, Massey, J.S. Magnetic monopole mobility spectrometer 8-62000
- Hart, G.A.** see Alderson, J.C. 8-62245
- Hart, G.K.I.** Building acoustics and design criteria 8-83174
- Hart, H.R., Jr.** see Bonner, J.C. 8-68209
- Hart, H.R., Jr.** see Jacobs, I.S. 8-64903
- Hart, J.C.** see Baker, R.D. 8-70404, 8-89733
- Hart, J.C.** see Gay, M. 8-70405
- Hart, J.S.** see Goss, W.P. 8-62266
- Hart, M.**, Rodrigues, A.R.D. Harmonic-free single-crystal monochromators for neutrons and X-rays 8-75493
- Hart, M.**, Siddons, D.P. A fast interferometric chopper for neutrons and X-rays 8-82088
- Hart, M.** see Ando, M. 8-75489
- Hart, R.G.**, Simmons, G.W. Determination of quantitative sputter rates of iron oxide by Auger electron spectroscopy (AES) and ellipsometry 8-72661
- Hart, R.L.**, George, F.R., VanLoon, L.S., Hicks, B.B., Kulhanek, F.C. The ANL 403 MHz radiosonde system 8-85723
- Hart, R.M.** see Hansen, D.L. 8-92747
- Hart, R.S.** see Anderson, D.D. 8-61367
- Hart, R.W.** see Gray, E.P. 8-55285
- Hart, S.C.**, Sylvester, J.G., Blackstead, H.A. Excitation of gigahertz magnetoelastic waves in dysprosium films: Field dependence 8-72378
- Hart, S.C.** see Sylvester, J.G. 8-52334
- Hart, S.R.** see Hofmann, A.W. 8-65216
- Hart, S.R.** see Langmuir, C.H. 8-53625
- Hart, W.** see Bosetti, P.C. 8-70357
- Hart-Smith, L.J.** Adhesive bond stresses and strains at discontinuities and cracks in bonded structures 8-90793
- Hartas, A.G.**, Van Patter, D.M. The $^{63}\text{Cu}(p,p'\gamma)$ reaction and the structure of ^{63}Cu 8-78378
- Harte, B.** Kimberlite nodules, upper mantle petrology, and geotherms 8-65310
- Harte, G.A.**, Priestley, M.G., Vuillemin, J.J. The de Haas-van Alphen effect in Sb(Sn) and Sb(Te) alloys 8-75982
- Harte, J.** see Zimmerman, G. 8-58478
- Hartel, G.**, Buchroeder, H., Kloss, H.-G. Theoretical and experimental investigations of chemical transport in high pressure mercury vapour discharges with additives of tin iodides and tin chlorides 8-71576
- Hartel, K.** see Sperr, P. 8-70562
- Hartemann, P.**, Doussineau, P., Levelut, A. Surface-acoustic-wave velocity in ion-implanted quartz at very low temperatures 8-84040
- Hartemann, P.** see Cambon, G. 8-55540
- Harten, A.** The artificial compression method for computation of shocks and contact discontinuities. III. Self-adjusting hybrid schemes 8-70298
- Harten, A.**, Efrony, S. A partition technique for the solution of potential flow problems by integral equation methods 8-49652
- Harten, R.H.** see Felli, M. 8-61755, 8-96514
- Harter, C.E.** see Gordon, R.G. 8-85529
- Harter, W.G.**, dos Santos, N. Double-group theory on the half-shell and the two-level system. II. Optical polarization 8-49594
- Harter, W.G.**, Patterson, C.W., da Paixao, F.J. Frame transformation relations and multiple transitions in symmetric polyatomic molecules 8-58661
- Hartford, A., Jr.** Infrared multiphoton dissociation of DN_3 and HN_3 : formation and reaction of electronically excited ND 8-80771
- Harth, W.** Effect of diffusion on the longitudinal mode spectrum of GaAs injection lasers 8-71099
- Harth, W.**, Claassen, M., Grothe, H. Current limitation for the fundamental transverse mode operation of buried heterostructure lasers 8-55353
- Harth, W.** see Grothe, H. 8-79047
- Harthine, P.H.**, Kass, L., Loop, M.S. Merging of modalities in the optic teetum: infrared and visual integration in rattlesnakes 8-69054
- Hartthoorn, R.**, Mijnders, P.E. The effect of symmetry on electron momentum distributions in solids 8-63962
- Hartig, K.**, Janssen, A.P., Venables, J.A. Nucleation and growth in the system Ag/Mo (100): A comparison of UHV-SEM and AES/LEED observations 8-63956
- Harting Park, J.** see Wilkerson, L.S. 8-96111
- Hartl, H.** see Fuchs, V.J. 8-63740
- Hartland, S.**, Vohra, D.K. The approach of close-packed arrays of drops and spheres to a fluid-liquid interface 8-84030
- Hartland, S.** see Horvath, M. 8-75183
- Hartle, J.B.** Particle production by black holes 8-81647
- Hartle, R.E.**, Mayr, H.G., Bauer, S.J. Global circulation and distribution of hydrogen in the atmosphere of Venus 8-89093
- Hartle, R.E.** see Curtis, S.A. 8-77509
- Hartley, F.R.** see Hughes, V. 8-74039
- Hartley, K.F.** see Manchester, R.N. 8-77569
- Hartley, K.F.** see Smith, F.G. 8-93292
- Hartley, M.E.**, III see Whitney, J.A. 8-81125
- Hartline, B.K.**, Lister, C.R.B. An experiment to verify the permeability of Hele-Shaw cells 8-59466
- Hartline, D.K.** see Baker, C.L., Jr. 8-80853
- Hartman, D.C.**, Winn, J.S. Atomic iron chemiluminescence from $\text{Ar}^*(^3\text{P})$ collisions with $\text{Fe}(\text{CO})_5$ 8-61014
- Hartman, K.**, Potter, R.I., Ortenburger, I.B. A vector model for magnetic hysteresis based on interacting dipoles 8-76271
- Hartman, R.** Space shuttle 8-61710
- Hartman, R.L.**, Schumaker, N.E., Dixon, R.W. Degradation studies of long-lived injection lasers for fiber-optic communications 8-50778
- Hartman, R.L.** see Wilkinson, E.L. 8-59118

- Hartmann, E.** *see* Nagel, M. 8-93968
Hartmann, F. *see* Altmann, S. 8-57032
Hartmann, F.J. *see* Daniel, H. 8-66694, 8-90326
Hartmann, F.J. *see* Wilhelm, W. 8-62959
Hartmann, G., Johnson, P.C. Measurements of relative transition probabilities and the variation of the electronic transition moment for N_2 $C^3\Pi_u-B^3\Pi_u$ second positive system 8-50593
Hartmann, G. *see* Bertault, P. 8-87585
Hartmann, G. *see* Ziegler, W. 8-72788
Hartmann, G.C., Hays, D.A. Investigation of contact electrification using internal photoemission 8-60191
Hartmann, G.C. *see* Pundsack, A.L. 8-83055
Hartmann, H., Kyu-Myung Chung On the application of a classical perturbation theory to the theory of coupled fields 8-57799
Hartmann, H. *see* Ulmer, W. 8-93549
Hartmann, H.J. *see* Hinterberger, F. 8-62553
Hartmann, J., Orear, J., Vreislander, J., Baranov, P., Rusakov, S., Connetti, S., Hojvat, C., Ryan, D.G., Shahbazian, K., Stairs, D.G., Trischuk, J.M., Faussler, W., Gettner, M., Johnson, J., Kephart, T., Pothier, E., Potter, D., Tautz, M. Elastic proton-proton scattering at high energy and very large momentum transfer 8-62460
Hartmann, J.L. *see* Conetti, S. 8-93905
Hartmann, K. Influence of the Reynolds number on the normal forces of slender bodies of revolution 8-51191
Hartmann, K.M. Looking at DIC through an 1-window 8-89895
Hartmann, L. Disk structure in early-type stellar envelopes 8-93206
Hartmann, L., Raymond, J.C. Nebular observations and stellar coronae 8-57608
Hartmann, L. *see* Phillips, M.J. 8-93254
Hartmann, L.W. *see* Dupree, A.K. 8-96569
Hartmann, M. *see* Schoell, M. 8-85532
Hartmann, M.W. *see* Lotze, W. 8-89432
Hartmann, O., Karlsson, E., Norlin, L.O. Coherent propagation and strain-induced localization of muons in Al 8-95537
Hartmann, O., Meixner, M., Piele, H., Sparrer, G. Measuring scratch gauges with less than 0.1 mm distance of the divisions using a 2 m comparator 8-77847
Hartmann, O., Piele, H., Sparrer, G. Interference refractometer for the automatic interference comparator at ASMW 8-77966
Hartmann, O. *see* Borghini, M. 8-68439
Hartmann, R. *see* Bosetti, P.C. 8-70357
Hartmann, R. *see* Laven, H. 8-66163
Hartmann, S.R. *see* Chen, Y.C. 8-79078
Hartmann, S.R. *see* Mossberg, T. 8-50855
Hartmann, W.K. Martian cratering. V. Toward an empirical Martian chronology, and its implications 8-77512
Hartmann, W.K. *see* Greenberg, R. 8-85861
Hartmann, W.M. The effect of amplitude envelope on the pitch of sine wave tones 8-65034
Hartmann-Boutron, F. *see* Wintenberger, M. 8-87650
Hartmannsgruber, R. First measurements of ozone near surface at Hohenpeissenberg 8-65369
Hartmanova, M., Lebl, M. Charge transport mechanism in KCl:BiCl₃ crystals 8-83996
Hartmut, F. Controlled nuclear fusion, a challenge to the engineer. IV. Systems and components for fusion reactors 8-94140
Hartmut, K., Wangenheim, V., Howard, A. Different modes of cell sterilization: cell killing and early differentiation 8-65093
Hartnagel, H.L. *see* Bayraktaroglu, B. 8-76148
Hartnagel, H.L. *see* El-Safti, A.F.A.B. 8-80673
Hartner, G. *see* Lamsa, J.W. 8-54658
Hartner, G.F. *see* Dombeck, T. 8-82255
Hartog, H.W. *den* *see* den Hartog, H.W.
Hartog, H.W. *den* *see* den Hartog, H.W.
Hartogensis, F. Air pollution by continuous point sources. VIII. Target values and standards. (iv). Administrative aspects of setting of standards 8-57311
Hartoog, M.R. The lithium abundance in weak-G band stars 8-53948
Hartquist, T.W. Photoionization cross sections of excited noble-gas atoms and dimers 8-66523
Hartquist, T.W., Doyle, H.T., Dalgarno, A. The intercloud cosmic ray ionization rate 8-85989
Hartquist, T.W. *see* Black, J.H. 8-93362
Hartrott, M. *see* Weihrer, E. 8-91975
Hartstein, A., Fowler, A.B. Impurity bands in inversion layers 8-60211
Hartstein, A., Weinberg, Z.A. On the nature of the image force in quantum mechanics with application to photon assisted tunnelling and photoemission 8-60202
Hartstein, A. *see* Fang, F.F. 8-64081
Hartsuiker, A.P. *see* Miley, G.K. 8-96560
Hartsuiker, J.W. *see* Borgman, J. 8-96517
Hartsuiker, J.W. *see* Danks, A.C. 8-81670
Hartung, C. *see* Misra, J.C. 8-57029
Hartwick, F.D.A. *see* Young, P. 8-57631
Hartwig, E.O., Stanley, S.O. Nitrogen fixation in Atlantic deep-sea and coastal sediments 8-81211
Hartwig, G. Low temperature properties of epoxy resins 8-75846
Hartwig, H., Seifert, P. Acoustical measuring procedures in automobile development 8-79178
Hartwig, H., Seifert, P. Acoustic measurements in automobile development. II 8-87219
Hartwig, J., Dietrich, B., Bottger, R., Lubke, G. Relationship between lattice deformation and fading phenomena in synthetic quartz crystals 8-63760
Hartwig, K.T. *see* Mizutani, U. 8-83969
Hartwig, V.J. The fundamental equation of the dynamical theory and the equation of the dispersion surface for extremely asymmetric cases 8-59717
Hartwig, W.H. Cryogenic applications of closed-cycle mechanical and adsorption refrigeration 8-93708
Hartwright, C. *see* Willets, D.V. 8-55376
Hartz, F. *see* Broser, E. 8-50352
Haryama, S. *see* Numata, H. 8-92398
Harvey, A. Newtonian limit for a geodesic in a Schwarzschild field 8-86056
Harvey, A.R. *see* Cornish, D.N. 8-54922
Harvey, A.R. *see* Hinkle, R.E. 8-58494
Harvey, B.G. *see* Pieper, S.C. 8-82378
Harvey, C.C., Manning, R., Etcheto, J., de Javal, Y., Petit, M. The ISEE electron density experiment 8-85803
Harvey, E.D., Ward, F. Safe and simple heater is developed for labs at ICI 8-93665
Harvey, E.H. *see* Corcoran, M.D. 8-70417
Harvey, G.A. Spectrum of a fast sporadic meteor 8-93170
Harvey, G.A. *see* Andrew, B.H. 8-89267
Harvey, G.R. Instrument design for vitreous surgery via the Pars Plana 8-81056
Harvey, H.H. *see* Nriagu, J.O. 8-57228
Harvey, I. *see* Williams, E.D. 8-53490
Harvey, J.E. Light-scattering characteristics of optical surfaces 8-58917
Harvey, J.E., Shack, R.V. Aberrations of diffracted wave fields 8-94376
Harvey, J.T., Meason, J.L., Wright, H.L. Neutron attenuation due to boron-10 shields 8-78434
Harvey, J.W. *see* Boyer, R. 8-77495
Harvey, M. The recognition of collective features in the spherical shell model 8-50098
Harvey, M., Lee, H.C. Renormalization for collective motion within a truncated space of the spherical shell model. II. Projected frame in a schematic model 8-54697
Harvey, M. *see* Svensson, E.C. 8-68200
Harvey, P.J. *see* Besse, P. 8-81030
Harvey, P.M. *see* Gatley, I. 8-61923
Harvey, R.B. *see* Steadman, D.H. 8-69529
Harvey, R.J. An arc quenching system 8-75455
Harvey, W.J. *see* Potsaid, M.S. 8-61251
Harvey Palmer, C. *see* Fick, S.E. 8-90613
Harward, C.N. Pressure and temperature dependence of Freon-12 absorption coefficients for CO₂ waveguide laser radiation 8-55170
Harwerth, R.S. *see* Walters, J.W. 8-69061
Harwig, T., Kellendonk, F. Some observations on the photoluminescence of doped β -galliumsesquioxide 8-52557
Harwig, T., Kellendonk, F., Slappendel, S. The ultraviolet luminescence of β -galliumsesquioxide 8-80396
Harwit, M. *see* Dennison, B. 8-53818
Harwit, M. *see* Melnick, G. 8-65510
Harwit, M. *see* Sloane, N.J.A. 8-94375
Harwood, C., Wostenholme, G.H., Yates, B., Badami, D.V. Thermodynamic properties of phenol-formaldehyde resin 8-91452
Harwood, J.M. *see* Barraclough, D.R. 8-96133
Harwood, L.H., Cutler, R.I., Kemper, K.W., Leclair, R.V. Mass independent Z identification of reaction products with AE and time-of-flight 8-86720
Harwood, R.S. Topics in dynamical meteorology. IV. Vorticity and divergence (I) 8-88893
Hasan, A., Klages, G. Dielectric relaxation of aliphatic ethers in dilute solutions 8-68451
Hasan, H., Brink, D.M. A study of semiclassical approximations for heavy-ion transfer reactions 8-94021
Hasan, H., Mason, P. Pulse propagation in muscle 8-92668
Hasan, H. *see* Mason, P. 8-56961
Hasan, M.A. *see* Medani, M.S. 8-83908
Hasan, S.S., Ter Haar, D. The Alfvén-Carlquist double-layer theory of solar flares 8-77526
Hasan, T., Kumar, N., Sharma, B.L., Warrior, A.V.R. Optical and electrical properties of indium selenide 8-88321
Hasan, Z. *see* Smith, G. 8-52537
Haschick, A. *see* Genzel, R. 8-61901
Haschick, A.D. *see* Baan, W.A. 8-54048
Hase, H.L. *see* Scheringer, C. 8-75616
Hase, H.-L., Lauer, G., Schulte, K.-W., Schweig, A. SCF MO CI perturbation calculations of inner shell and valence shell vertical ionization potentials 8-74800
Hase, W.L. *see* Carr, R.W., Jr. 8-64870
Hase, Y. *see* Mauro, A.E. 8-66553
Hasebe, N., Kikuchi, J., Doke, T., Nagata, K., Nakamoto, A. Energy loss of relativistic electrons and its fluctuations in gas proportional counters 8-94171
Hasebe, N., Kutanda, Y. Calculation of stress intensity factor from stress concentration factor 8-55588
Hasegan, D., Apostol, A., Nicolae, M. Track width of slow heavy ions in nuclear emulsion by photometric measurements 8-94167
Hasegawa, A., Imamura, T., Mima, K., Taniuti, T. Stationary spectrum of pseudo-three-dimensional electrostatic turbulence in magnetized plasmas 8-91109
Hasegawa, A., Mima, K. Anomalous transport produced by kinetic Alfvén wave turbulence 8-57402
Hasegawa, A., Umino, N., Takagi, A. Double-planed deep seismic zone and upper-mantle structure in the Northeastern Japan Arc 8-77198
Hasegawa, A., Umino, N., Takagi, A. Double-planed structure of the deep seismic zone in the northeastern Japan Arc 8-77203
Hasegawa, A. *see* Lanzerotti, L.J. 8-93026
Hasegawa, A. *see* MacLennan, C.G. 8-81507
Hasegawa, H. A study of spin fluctuations in antiferromagnetic metals described by a nesting-type model 8-56329
Hasegawa, H. Spin fluctuations in concentrated ferromagnetic alloys 8-64290
Hasegawa, H. A study of spin fluctuations in antiferromagnetic metals described by a nesting-type model. II. The alloy case 8-84435
Hasegawa, H. Anodic oxidation of III-V compound semiconductors and properties of oxide films 8-92385
Hasegawa, H., Claffey, W., Geil, P.H. Analysis of the crystal structure of poly(ethylene sulfide) by electron diffraction 8-51441
Hasegawa, H., Sakai, T. Anodic oxides on gallium phosphide for optoelectronic device and processing applications 8-84304
Hasegawa, H., Sone, M., Imaoka, M. An X-ray diffraction study of the structure of vitreous antimony oxide 8-87621
Hasegawa, K. *see* Katayama, T. 8-64235
Hasegawa, K. *see* Kawahara, M. 8-92848
Hasegawa, K. *see* Whitmore, J. 8-74289
Hasegawa, K. *see* Yamashita, S. 8-66170
Hasegawa, K. *see* Yoshioka, Y. 8-64791
Hasegawa, M. Coupling of 4p and 4h modes in ⁴⁰Ca 8-93926
Hasegawa, M., Young, W.H. Entropy-volume correlation for some homovalent disordered solid alloys 8-63868
Hasegawa, M. *see* Kuramoto, E. 8-88381
Hasegawa, M. *see* Noguchi, S. 8-56542
Hasegawa, M. *see* Ueno, K. 8-63747
Hasegawa, N., Kato, Y., Nakajima, M. Effect of grain-size on fatigue strength of low carbon steel at elevated temperatures 8-68759
Hasegawa, N. *see* Taniguchi, M. 8-84251
Hasegawa, O., Abe, M., Yamaoka, T. Efficient coupling of LED and spherical-ended fiber 8-83086
Hasegawa, R. A fundamental study on the hydrogen reduction of metal oxides and sulfides 8-61053
Hasegawa, R., Narasimhan, M.C., De Cristofaro, N. A high permeability Fe-Ni base glassy alloy containing Mo 8-68301
Hasegawa, R., Ray, R. Iron-boron metallic glasses 8-80134
Hasegawa, R., Tanner, L.E. Superconducting transition temperatures of glassy and partially crystalline Be-Nb-Zr alloys 8-60239
Hasegawa, R. *see* Chien, C.L. 8-68428
Hasegawa, R. *see* Hines, W.A. 8-68400
Hasegawa, R. *see* Kametani, H. 8-60689
Hasegawa, R. *see* Ray, R. 8-92218
Hasegawa, S., Yazaki, S., Shimizu, T. Effects of annealing on gap states in amorphous Si films 8-72115
Hasegawa, S. *see* Echigo, R. 8-94575
Hasegawa, S. *see* Kamiuto, K. 8-94571
Hasegawa, T. Simultaneous color contrast: deviations of the induced colors from directions of complementary colors 8-56998
Hasegawa, T., Watanabe, Y. Acoustic radiation pressure on an absorbing sphere 8-79154
Hasegawa, T. *see* Kato, S. 8-78552
Hasegawa, T. *see* Sugita, T. 8-68825
Hasegawa, T. *see* Toba, Y. 8-82336
Hasegawa, Y., Hanasaki, S., Yasutomi, M. Comparison of the cutting mechanisms of large crystals and polycrystals 8-60871
Hasegawa, Y. *see* Yajima, S. 8-60627
Hasek, V.V. An evaluation of the applicability of theoretical analyses to the forming limit diagram 8-60682
Haselbach, E. *see* Weber, J. 8-78626

- Haselton, H.H. The PLT neutral particle injectors 8-58437
- Haselton, H.H. *see* Dagenhart, W.K. 8-54967
- Haselton, H.H. *see* Johnson, R.L. 8-54966
- Haselton, H.H. *see* Kim, J. 8-67018
- Haselton, H.H. *see* Schwenterly, S.W. 8-58439
- Haselton, H.H. *see* Stirling, W.L. 8-54968, 8-58438
- Haselton, H.H. *see* Tsai, C.C. 8-54913
- Haselton, H.H. *see* Wheatlon, J.H. 8-87005
- Haselwandter, K. Accumulation of the radioactive nuclide ^{137}Cs in fruitbodies of *Basidiomycetes* 8-80977
- Hasemann, H. *see* Darden, C.W. 8-62415, 8-93895
- Hasenfratz, P., Kuti, J. The quark bag model 8-50008
- Hasenfratz, P. *see* Gnadig, P. 8-82134
- Hasert, F.J. *see* Bosetti, P.C. 8-70357
- Hashem, M.S. *see* Fakhry, A.A. 8-68938
- Hashi, T. *see* Hatanaka, H. 8-80245
- Hashiba, M. *see* Watanabe, K. 8-84087
- Hashiguchi, K. *see* Kanegae, N. 8-82418
- Hashimoto, F. *see* Kamiura, Y. 8-64002
- Hashimoto, H., Endoh, H. Fine structure of the flux distribution of electron waves in crystal lattices near Bragg reflecting conditions 8-83670
- Hashimoto, H. *see* Tanji, T. 8-55789
- Hashimoto, H. *see* Yamazaki, Y. 8-50644, 8-66693, 8-82842
- Hashimoto, K., Sumitomo, H., Ohsawa, S. Equilibrium anionic polymerization of 4,7-dioxatantal and n-octanol 8-88631
- Hashimoto, K., Tanimoto, M. Approximation of the tongue profile by a quadratic curve 8-92656
- Hashimoto, K. *see* Naka, M. 8-72925, 8-80678
- Hashimoto, K. *see* Ohmori, M. 8-60745
- Hashimoto, M. *see* Furuta, T. 8-89947
- Hashimoto, M. *see* Kitayama, T. 8-72479
- Hashimoto, M. *see* Nakanishi, N. 8-76695
- Hashimoto, N. The deuteron break-up effect in the two-step process 8-62534
- Hashimoto, N. The finite-range in the (p,d) (d,t) process 8-74365
- Hashimoto, N., Kawai, M. The (p,d) (d,t) process in strong (p,t) reactions 8-66276
- Hashimoto, N., Tsuyama, H. Depth profile of phosphorus and arsenic in polycrystalline Si/SiO₂/Si structure 8-85251
- Hashimoto, N. *see* Tsuyama, H. 8-85250
- Hashimoto, O., Shida, Y., Yoshikawa, N., Sakai, M., Ohya, S., Madueme, G.Ch. Systematic study of high-spin states in odd Sn isotopes 8-54684
- Hashimoto, S., Inoue, T., Yamada, T. Elastic-plastic analysis of residual stress and deformation due to quenching of metals 8-83268
- Hashimoto, S., Nakagawa, K., Maekawa, Z., Murata, T. Emission spectra of LiI crystals under UV-light excitation at 77K 8-92110
- Hashimoto, S., Yamaguchi, M., Aso, T. RF voltage standard working at voltage below one volt to microvolt range 8-89491
- Hashimoto, S., Yamaguchi, M., Aso, T., Yokota, M., Kato, Y., Yamazaki, T. Some investigations on microwave radiation characteristics of oil film on the sea 8-92854
- Hashimoto, S. *see* Kakui, Y. 8-92994
- Hashimoto, T., Kawasaki, H., Kawai, H. Crystal and amorphous orientation behavior of poly(chlorotrifluoroethylene) films in relation to crystalline superstructure 8-71685
- Hashimoto, T., Shiino, M. Spin relaxation in europium sulphide in the crystal region 8-52270
- Hashimoto, T., Takei, T., Suzuki, W., Mitsui, S., Shintani, T. A bidirectional optical-fiber transmission system for control applications 8-66917
- Hashimoto, T. *see* Saeki, T. 8-55428
- Hashimoto, T. *see* Shino, M. 8-76251
- Hashimoto, Y. *see* Sagara, K. 8-58292
- Hashin, Z., Rotem, A. A cumulative damage theory of fatigue failure 8-75101
- Hashin, Z. *see* Arcan, M. 8-85064
- Hashitsume, N. *see* Shibata, F. 8-54303
- Hashiyama, M., Stein, R.S. Birefringence of filled rubbers 8-68472
- Hashizume, H., Mase, K., Amemiya, Y., Kohra, K. A system for kinetic X-ray diffraction using a position sensitive counter 8-62283
- Hashizume, H. *see* Amemiya, Y. 8-88774
- Hashizume, H. *see* Kohra, K. 8-62277
- Hashizume, H. *see* Sugi, H. 8-80906
- Hashizume, K. *see* Norimatsu, T. 8-87469
- Hashizume, T. *see* Kumatori, T. 8-53514
- Hashizume, T. *see* Nishida, T. 8-72752
- Hashizume, Y., Ikeda, N. Resonant interactions of waves in a stratified fluid 8-83418
- Hasimoto, T., Kido, K., Sugiyama, H., Sotobayashi, T., Hisamatsu, S. Ejection behavior of alpha-recoil atoms from the electrodeposited sources 8-50426
- Hasimoto, Y. *see* Okamoto, T. 8-68216
- Haskell, R.J. *see* Dooling, R.J. 8-65045
- Haskins, J.R. Multipole radiation theory in an upper-level undergraduate physics course 8-54120
- Hasl, G. *see* Muller, R. 8-86274
- Haslam, C.G.T. *see* Salter, C.J. 8-61903
- Haslam, C.G.T. *see* Wiebleinski, R. 8-73764
- Hasler, M. On a quantum-mechanical model for a maser. II 8-50745
- Hasman, A. *see* Jansen, B.H. 8-80989
- Hasnain, S.S., Brint, P., Hamilton, T.D.S., Munro, I.H. Luminescence excitation spectra of toluene and mesitylene in rare-gas matrices 8-66575
- Hasnain, S.S., Hamilton, T.D.S., Munro, I.H. Absorption coefficient in the $n=1[\Gamma(3/2), \Gamma(1/2)]$ exciton region of solid krypton 8-52529
- Hasong Pak *see* Spinrad, R.W. 8-55299
- Hass, G., Hunter, W.R. Transmittance of cultured crystalline quartz in the vacuum ultraviolet before and after electron irradiation 8-83044
- Hass, G. *see* Cox, J.T. 8-71177, 8-79090
- Hass, G. *see* Triolo, J.J. 8-85827
- Hass, J.R. *see* Busch, K.L. 8-76939
- Hass, M., Benczer-Koller, N., Brennan, J.M., King, H.T., Goode, P. Magnetic moments of the $2^+_{1/2}$ states of even Ni isotopes 8-66202
- Hass, M. *see* Benczer-Koller, N. 8-54682
- Hass, M. *see* Palik, E.D. 8-71161
- Hassab, J.C. The smoothing of 'zero' singularities and the effect on time delay detection 8-90605
- Hassab, J.C. Homomorphic deconvolution in reverberant and distortional channels: an analysis 8-90606
- Hassab, J.C., Boucher, R.E. Improved cepstrum performance through windowing of log spectrum 8-89303
- Hassab, M.A., Ozisik, M.N. Stability of a layer of fluid subjected to convective boundary conditions 8-94683
- Hassager, O., Pedersen, S. Relations between shear and normal stresses in a step-shear experiment 8-90809
- Hassan, A.R. Exciton molecule creation by pure and phonon-assisted two-photon transitions in solids 8-63987
- Hassan, H.A. *see* Griololet, C.P. 8-81256
- Hassan, M.H.A. Generalized magnetic Rosenbluth potentials 8-94896
- Hassan, M.Y.M., Ghazal, A.Sh.M., Mahmoud, K.M.H. Properties of nuclear matter using the velocity-dependent effective potential of s-wave interaction 8-58247
- Hassan, M.Y.M., Montasser, S.S. Binding energy of nuclear matter with pure hard core interaction 8-89784
- Hassanein, O.R., Anderson, G.B., Burgess, A.E. Towards a reduction in error in the radiological measurement of growth in long leg bones of children 8-77103
- Hassapis, G. *see* Gray, J.O. 8-53563
- Hasse, I. *see* Pismis, P. 8-81678
- Hasse, K.R. *see* Dorward, R.C. 8-88570, 8-95835
- Hasse, L. Parameterization of the dissipation term in second order closure modelling of the planetary boundary layer under conditions of forced convection 8-92900
- Hasse, R.W. Multidimensional wave packet motion in quadratic potentials with and without friction: oscillation and barrier penetration 8-65804
- Hasse, R.W. Approaches to nuclear friction 8-78336
- Hassel, R.L. Evaluating polymers by dynamic mechanical analysis 8-60697
- Hasselgren, L. *see* Fahlander, C. 8-78260
- Hasselkamp, D., Scharmann, A., Schartner, K.-H. The polarisation degree of some prominent helium lines after collisional excitation by fast ions 8-70916
- Hasselmann, D.P.H. Role of physical properties in post-thermal buckling resistance of brittle ceramics 8-64585
- Hasselmann, D.P.H. Role of fracture toughness in the resistance of refractories to thermal shock 8-80618
- Hasselmann, D.P.H., Chen, E.P., Urlick, P.A. Prediction of the thermal fatigue resistance of indented glass rods 8-84955
- Hasselmann, K., Alpers, W., Barick, D., Crombie, D., Flachi, C., Fung, A., Van Hutten, H., Jones, W., De Loor, G.P., Lipa, B., Long, R., Ross, D., Rufenach, C., Sandham, W., Shemdin, O., Teague, C., Trizna, D., Valenzuela, G., Walsh, E., Wentz, F., Wright, J. Radar measurements of wind and waves 8-81418
- Hasselmann, K. *see* Alpers, W. 8-77336
- Hasselmann, K. *see* Crombie, D.D. 8-77242
- Hassen, M.Y.M., Khalaf, S. Coulomb disintegration of ^6Li 8-66319
- Hassib, G.M., Piesch, E. Electrochemical etching of neutron-induced tracks in plastic detectors using a 50 Hz electric supply 8-86738
- Hassid, S., Poreh, M. A turbulent energy dissipation model for flows with drag reduction 8-79345
- Hassig, R. *see* Brown, F.G. 8-61715, 8-81543
- Hassleman, D.P.H., Zdaniewski, W.A. Thermal stress resistance parameters for brittle materials subjected to thermal stress fatigue 8-90787
- Hassler, C.R. *see* Diegle, R.B. 8-95931
- Hassler, H., Kippenberg, H., Schreiner, H. WCuB sintered infiltrated materials of high wear strength 8-64508
- Hassler, N. *see* Pavlopoulos, P. 8-62443
- Hasson, V. *see* Brink, D.J. 8-63131
- Hastings, I.J., Notley, M.J.F., Rose, D.H. Irradiation-induced volume changes in commercial UO₂ fuel: comparison with model prediction 8-78465
- Hastings, I.J. *see* Bain, A.S. 8-86621
- Hastings, J.B., Kincaid, B.M., Eisenberger, P. A separated function focusing monochromator system for synchrotron radiation 8-62278
- Hastings, R. A model for the yield stress of low density virus solids 8-88725
- Hastings, R. *see* Kahn, L.M. 8-84158
- Hastings, S.P. *see* Greenberg, J.M. 8-93629
- Hastrom, S.B.M. *see* Bachrach, R.Z. 8-72225
- Hasuyama, H. *see* Tamura, N. 8-54641
- Haszko, S.E. *see* Blech, I.A. 8-51838
- Haszko, S.E. *see* Chang, C.C. 8-76783
- Haszko, S.E. *see* Sinha, A.K. 8-56584
- Hata, D.C., Lawrence, L.A., Weber, J.W. Effect of stoichiometry on cladding attack in mixed-oxide fuels to ~3.6 at.% burnup 8-86583
- Hata, K. *see* Sakurai, A. 8-89951
- Hata, M., Okada, K., Iwai, S., Akao, M., Aoki, H. Cadmium hydroxyapatite 8-95019
- Hata, S., Akabane, K. Phase effect of Venus at 3.4 mm wavelength 8-89095
- Hata, S. *see* Akabane, K. 8-89061
- Hata, S. *see* Kajiyama, K. 8-55354
- Hata, T., Nakano, T., Koma, K., Hada, T. A lattice attenuation in CdS measured by the ultrasonic injection method 8-76480
- Hata, T. *see* Kasemura, T. 8-79857, 8-79860
- Hata, T. *see* Komatsu, S. 8-84831
- Hatakeyama, I., Tachikura, M., Tsuchiya, H. Mechanical strength of fusion-spliced optical fibres 8-87140
- Hatakeyama, I., Tsuchiya, H. Fusion splices for optical filters by discharge heating 8-75007
- Hatakeyama, I., Tsuchiya, H. Fusion splices for single-mode optical fibers 8-83126
- Hatakeyama, I. *see* Murakami, Y. 8-55444
- Hatakeyama, T., Ikeda, M. Thermal studies on the phase transitions of p-n-dodecyloxy and p-n-tetradecyloxy benzoic acids. III 8-71843
- Hatakoshi, G., Tanaka, S. Gratings lenses for integrated optics 8-75004
- Hatami-Monazah, H., Boss, J. A method for photographic densitometer of scanning electron micrographs 8-77168
- Hatanaka, H., Hashi, T. Spin-locking, spin-locked echo and rotary saturation associated with a two-quantum transition in a multilevel NMR system 8-80245
- Hatanaka, K., Onga, S., Yasuda, Y., Kawaji, S. Magnetoconductance oscillations and inversion layer subbands in silicon on sapphire 8-64124
- Hatanaka, K. *see* Nakamura, M. 8-54754
- Hatanaka, K. *see* Onga, S. 8-88039
- Hatanaka, K. *see* Sakaguchi, H. 8-78297
- Hatanaka, K. *see* Tamura, N. 8-54641
- Hatano, A. *see* Narita, N. 8-59820
- Hatano, H., Kokubun, Y., Watanabe, H., Wada, M. The effect of phosphorus on the edge luminescence of CdSe single crystals 8-64399
- Hatano, J. *see* Suda, F. 8-92039
- Hatano, S. *see* Kato, S. 8-52710
- Hatano, Y. Calculation of the excited states of H₂S PH₃, and SiH₄ by the one-center expansion approximation 8-70737
- Hatano, Y. *see* Hiratsuka, H. 8-50563
- Hatch, F.W., Parrish, M.E. Vacuum gas chromatography using short glass capillary columns combined with mass spectrometry 8-95968
- Hatch, M.R. *see* Drozewski, R.W. 8-61601
- Hatch, M.R. *see* Miller, J.M. 8-82040
- Hatcher, C.W. *see* Johnson, W.L. 8-60859
- Hatcher, R.D. *see* Dederichs, P.H. 8-75866
- Hatcher, R.D. *see* Welch, D.O. 8-55269
- Hatcher, R.D., Jr. Tectonics of the western Piedmont and Blue Ridge, southern Appalachians: Review and speculation 8-61383
- Hatcher, S.R. Nuclear power in Canada: status and prospects 8-86664
- Hatchett, S. *see* Alcock, C. 8-57433
- Hategan, C. *see* Cenja, M. 8-94003
- Hatekeyama, R. *see* Mark, E. 8-75299
- Hatfield, H.R. Observations of a solar flare in monochromatic light, and at 136 and 90 megahertz 8-93187
- Hatfield, L.L. *see* Bailey, W.E. 8-56583
- Hathaway, B. *see* Sheahan, R. 8-64011

- Hathaway, K.B.**, Cullen, J.R. Magnetoelastic waves in rare-earth intermetallics 8-64250
- Hatherly, M.** *see* Duggan, B.J. 8-76663, 8-88500
- Hatherly, M.** *see* Wakefield, P.T. 8-52844
- Hatori, T.** Field investigation of the Tokai tsunamis in 1707 and 1854 along the Shizuoka coast 8-96149
- Hatori, T.**, Katayama, M. Tsunami behavior and source areas of historical tsunamis in the Japan Sea 8-65198
- Hatori, T.** *see* Nishi-kawa, K. 8-91091
- Hatori, T.** *see* Nishi-Kawa, K.I. 8-71444, 8-71479
- Hatori, T.** *see* Watari, T. 8-83604
- Hatsuda, Y.**, Sakamoto, Y. Comments on distorted-wave impulse calculation 8-50138
- Hatta, G.** *see* Stefan, M. 8-91904
- Hatta, I.**, Matsuda, T., Doi, H., Nagasawa, H. Specific heat of $K_2Pt(CN)_4Br_{0.3} \cdot 3H_2O$ 8-91447
- Hatta, I.**, Shibiya, M. Experimental study on the critical dynamics of the order-disorder transition in binary alloys [electrical resistivity measurements] 8-87788
- Hatta, I.**, Shimizu, Y., Hamano, K. Ultrasonic study of $NaNO_2$. I. Anisotropic character of elastic constants and attenuation coefficients 8-63809
- Hatta, S.**, Egami, T., Graham, C.D., Jr. Amorphous alloys with improved room-temperature saturation induction 8-95476
- Hatta, Y.** *see* Saeki, K. 8-75311
- Hattan, C.P.** *see* Hitney, H.V. 8-92935
- Hattendorff, H.-D.**, Huber, G., Danielmeyer, H.G. Efficient cross pumping of Nd^{3+} by Cr^{3+} in $Nd(Al, Cr)_3(BO_3)_4$ lasers 8-59010
- Hattori, T.** *see* Ehara, S. 8-64058
- Hattner, R.S.** Nuclear medicine 1977: an assessment 8-85459
- Hattoi, T.** *see* Nakashima, S. 8-64409
- Hattori, A.P.** *see* Heikal, M.R.F. 8-75129
- Hattori, J.** *see* Giffard, R.P. 8-84026
- Hattori, H.**, Ishihara, H., Oikawa, S., Wani, H., Kohno, K., Kimura, S., Koga, K., Tsusaki, Y. The development of Shimadzu Computed Tomographic Scanner SCT-100N 8-61277
- Hattori, N.** Combined free and forced-convection heat-transfer for fully-developed laminar flow in horizontal tubes (experiments) 8-87391
- Hattori, S.** A V-band in KCl:I crystals 8-88337
- Hattori, S.** *see* Aoki, T. 8-71245
- Hattori, S.** *see* Goto, T. 8-87042
- Hattori, S.** *see* Mori, M. 8-58983, 8-58989
- Hattori, S.** *see* Uchida, Y. 8-76956
- Hattori, T.** HCl oxidation conditions for stacking-fault nuclei gettering and for silicon etching 8-68830
- Hattori, T.**, Ishiguro, A., Murakami, Y. Acidity of crystalline zirconium phosphate 8-92377
- Hattori, T.**, Suzuki, T. Elimination of stacking-fault formation in silicon by preoxidation annealing in $N_2/HCl/O_2$ mixtures 8-88550
- Hattori, T.** *see* Shiratori, E. 8-76701
- Hattori, Y.** *see* Kokame, H. 8-54839
- Hattori, Y.** *see* Naruse, T. 8-66936
- Hattula, J.** *see* Bergstrom, I. 8-78307
- Hatze, H.** A general myocybernetic control model of skeletal muscle 8-53385
- Hatzopoulos, J.N.** *see* Veress, S.A. 8-77137
- Haubenreich, P.N.**, Luton, J.N., Thompson, P.B. Procurement and testing of superconducting toroidal field coils in the Large Coil Program 8-50388
- Haubold, M.** *see* Muller, G. 8-95190
- Hauchecorne, G.** *see* Boissel, P. 8-90455
- Hauck, B.** Note on the Am stars in the α, λ photometry 8-81638
- Hauck, B.** Photometric parameters for Am and Ap stars 8-96483
- Hauck, J.** Structural relations between vanadium, niobium, tantalum hydrides and deuterides 8-55836
- Haueisen, H.** *see* Oertel, B. 8-84717
- Hauer, A.** *see* Steel, D. 8-59685
- Hauer, M.** *see* Bergman, M. 8-89768
- Haug, A.J.**, Solomon, S.G., Ueberall, H. Resonance theory of elastic wave scattering from a cylindrical cavity 8-87290
- Haug, A.J.** *see* Nagl, A. 8-55497
- Haug, E.J.**, Arora, J.S. Design sensitivity analysis of elastic mechanical systems 8-90706
- Haug, E.J.**, Byung M. Kwak Contact stress minimization by contour design 8-63396
- Haug, E.J.** *see* Reiss, R. 8-49637
- Haug, R.** *see* Teisseire, Y. 8-80458
- Haug, U.** *see* Loibl, B. 8-53926
- Hauge, B.K.** Some model experiments [kinetic theory for teachers] 8-81767
- Hauge, E.H.** Wilson in clogs [renormalization group theory application to two-dimensional ferromagnetic spin model] 8-56275
- Hauge, E.H.** *see* Nienhuis, B. 8-65878
- Hauge, P.S.** Techniques of measurement of the polarization-altering properties of linear optical systems 8-54438
- Haugen, D.A.** *see* Kaimal, J.C. 8-65413
- Hauger, R.** *see* Wachter, P. 8-60278
- Haughian, J.M.** Facility for the testing of the FTIR prototype neutral beam injector 8-62659
- Haughian, J.M.** *see* Paterson, J.A. 8-66381
- Haughian, J.M.** *see* Stone, R.R. 8-66382
- Haught, K.M.**, Cordray, D.M. Long-path high-resolution atmospheric transmission measurements: comparison with LOWTRAN 3B predictions 8-92972
- Haugland, E.J.** *see* Woollam, J.A. 8-95400
- Haugstad, B.S.** Effects of the inhomogeneous background on radiation propagating through turbulent planetary atmospheres 8-69679
- Haugstad, B.S.** Turbulence in planetary occultations. I. A theoretical formulation 8-85871
- Haugstad, B.S.** *see* Eshleman, V.R. 8-61773
- Hauk, V.**, Kochkelmann, H. Calculation of the stress distribution and the X-ray elasticity constants of two-phase metals 8-52883
- Hauk, V.**, Kockelmann, H. Calculation of the distribution of intensity and lattice strain from inverse pole-figures 8-52885
- Hauk, V.** *see* Dolle, H. 8-52884
- Haukka, M.T.**, Hughes, T.C., Thomas, I.L. The performance of a 1500 watt rhodium X-ray tube for XRF analysis of silicate rocks 8-88945
- Haukka, M.T.**, Thomas, I.L. Practical solutions to matrix effects in X-ray fluorescence analysis by mathematical methods 8-61080
- Haulet, R.** *see* Caput, C. 8-81467
- Hau, J.E.** *see* Au, W.W.L. 8-88721
- Haupt, H.**, Nelkowski, H. Explanation of the comet shape of electroluminescent lines in ZnS:Cu single crystals 8-52578
- Haupt, H.** *see* Bertram, R. 8-52577
- Hauptman, H.** The extension concept and its role in the probabilistic theory of the structure seminvariants 8-75608
- Hauptman, Z.** *see* Freer, R. 8-55991
- Haurie, Y.** *see* Agraies, B.C. 8-92434
- Haurwitz, M.** *see* Akasofu, S.-I. 8-61666
- Haus, A.G.** Choice of image recording system in mammography, tomography, and cerebral angiography in terms of system speed, resolution, and noise 8-69180
- Haus, A.G.**, Marsh, L., Bencomo, J., Vyborny, C. Sensitometry in medical imaging 8-69193
- Haus, D.** *see* Bechstedt, F. 8-76460
- Haus, G.** *see* Bertoni, A. 8-90608
- Haus, H.A.**, Dyckman, H.L. Timing of laser pulses produced by combined passive and active mode-locking 8-55391
- Haus, H.A.**, Wang, K.L. Modes of grating waveguide 8-59172
- Haus, H.A.** *see* Ho, P.-T. 8-83002
- Haus, J.W.**, Kehr, K.W. A generalization of random walk models to correlations over two jumps 8-79794
- Haus, J.W.**, Raveche, H.J. Computer studies of dynamics in one dimension: hard rods 8-71658
- Haus, J.W.** *see* Greer, W.L. 8-64019
- Haus, J.W.** *see* Kehr, K.W. 8-93624
- Hausmann, D.** *see* Mehlhorn, W. 8-50522
- Hausch, G.**, Furrer, P., Warlimont, H. Recrystallization and precipitation in Al-Mn-Si-Alloys 8-52824
- Hauschild, W.** *see* Mosch, W. 8-67574
- Hausdorff, H.H.** Infrared group-specific detectors for GC 8-92557
- Hauser, D.C.R.**, Petrylak, D., Singer, G., Levandowsky, M. Calcium-dependent sensory-motor response of a marine dinoflagellate to CO_2 8-57026
- Hauser, E.**, Zirke, R.J., Tauc, J., Hauser, J.J., Nagel, S.R. Optical properties of amorphous metallic alloys 8-68574
- Hauser, E.** *see* Guntherodt, H.-J. 8-95280
- Hauser, G.M.** *see* Yim, A. 8-94585
- Hauser, I.**, Ernst, F.J. On the generation of new solutions of the Einstein-Maxwell field equations from electrovac spacetimes with isometries 8-62128
- Hauser, I.** *see* Ernst, F.J. 8-86203
- Hauser, J.**, Tanzer, F. Computer simulation of ion trajectories 8-71510
- Hauser, J.J.** Amorphous nickel films getter sputtered at 25K 8-52673
- Hauser, J.J.**, Tauc, J. Electrical properties of binary amorphous alloys 8-68006
- Hauser, J.J.** *see* Hauser, E. 8-68574
- Hauser, J.J.** *see* Hayes, T.M. 8-55815
- Hauser, J.R.** Avalanche breakdown voltages for III-V semiconductors 8-88020
- Hauser, J.R.** *see* Glisson, T.H. 8-67940
- Hauser, M.** *see* Haar, H.-P. 8-66691
- Hauser, R.G.** *see* Bridges, J.E. 8-88769
- Hauser, R.G.** *see* Frazier, M.J. 8-88770
- Hauser, W.P.** *see* Edwards, R.G. 8-87199
- Hauske, G.**, Lupp, U., Wolf, W. Matched filters—a new concept in vision 8-65001
- Hauske, G.** *see* Lupp, U. 8-65022
- Hausler, E.**, Lauer, H., Pohl, R. Ultrasonic flow meter for measuring rapidly changing gas flows: frequency range, excitation method and signal processing 8-83502
- Hausler, G.**, Simon, M. Generation of space and time picture oscillations by active incoherent feedback 8-58924
- Hausler, K.-G.**, Schroder, E., Schwarz, A. Light and Curie-point pyrolysis of polymers. V. Determination of the kinetic parameters of the thermal degradation of polybutadiene, polystyrene and styrene-butadiene co-polymers 8-85155
- Hausman, H.J.** *see* Terry, G.H. 8-93948
- Hausman, M.A.**, Ostriker, J.P. Galactic cannibalism. III. The morphological evolution of galaxies and clusters 8-93404
- Hausmann, A.** *see* Utsch, B. 8-72435
- Hausner, H.** *see* Roosen, A. 8-57890
- Hausser, O.** *see* Beene, J.R. 8-70485
- Hausser, O.** *see* Brown, B.A. 8-93936
- Hausser, O.** *see* Horn, D. 8-54792
- Hausser, O.** *see* Khoo, T.L. 8-89778
- Hausuhl, S.** Piezoelectric, electro-optic, dielectric, elastic and thermoelastic properties of hexagonal $Cs_2S_2O_8$, $LiClO_4 \cdot 3H_2O$, $LiClO_4 \cdot 3D_2O$, and $Ba(NO_3)_2 \cdot H_2O$ 8-76388
- Hausuhl, S.**, Preu, P. Determination of third-order elastic constants from stress-shifted resonance frequencies, observed by diffraction of light. Examples: Aluminium alums of K, NH_4 , Cs and CH_3NH_3 8-55905
- Hausuhl, S.** *see* Gerlich, D. 8-95102
- Haustein, P.E.** *see* Cumming, J.B. 8-66260
- Hautala, M.**, Anttila, A., Keinonen, J. Relative intensities of gamma-rays from ^{56}Co standard source 8-55069
- Hautala, M.** *see* Bister, M. 8-95099
- Hautala, M.** *see* Hirvonen, J. 8-83779
- Hautecler, S.** *see* Wegener, W. 8-91274, 8-91275
- Hautajarvi, P.** *see* Manninen, M. 8-55270
- Hautot, A.** Mass quantisation 8-70401
- Hautot, A.**, Possoz, L. On an approximate method of solution of Schrodinger's equation 8-81867
- Hauviller, C.** *see* Brunet, J.-C. 8-70671
- Hauw, C.** *see* Chasseau, D. 8-91329
- Havalda, A.**, Ivan, J., Mauer, J. Aluminium and its alloys reinforced with Mo-fibers 8-84923
- Havas, P.** The conservation laws of nonrelativistic classical and quantum mechanics for a system of interacting particles 8-89328
- Havas, P.** *see* Herman, W.N. 8-70048
- Havelock, F.** *see* Cann, C.D. 8-83962
- Havemann, H.** Planetary system and crystal system 8-93129
- Havemann, U.** *see* Zulicke, L. 8-64833
- Havette, A.** *see* Clocchiatti, R. 8-95688
- Havey, M.D.**, Wright, J.J. Lifetime measurements of $A^{31}I_1$ vibrational levels of ICl 8-66605
- Havey, M.D.** *see* Balling, L.C. 8-90106
- Haviland, T.S.** *see* Heitzenroeder, P.J., Jr. 8-50385
- Havill, R.L.** *see* Marsden, J. 8-64292
- Havill, T.N.** *see* Ho, C.Y. 8-95284
- Havlicek, I.**, Ilavsky, M., Hrouz, J. Dependence of cooperative relaxation of amorphous polymers on diluent concentration 8-83353
- Havlicek, M.**, Exner, P. Matrix canonical realizations of the Lie algebra $o(m,n)$. II. Casimir operators 8-81795
- Havlin, S.** *see* Sompolsinsky, H. 8-80305
- Havlin, S.** *see* Yeshurun, Y. 8-80303, 8-88241
- Havner, K.S.** On uniqueness criteria and minimum principles for crystalline solids at finite strain 8-51086
- Havskov, J.** *see* Kanasevich, E.R. 8-92812
- Hawaidy, I.F.** *see* Issa, I.M. 8-53285
- Haward, R.N.** Unsolved problems in the fracture of homogeneous thermoplastics 8-52941
- Haward, R.N.** *see* Cross, A. 8-76662
- Haward, R.N.** *see* Owen, D.R.J. 8-53006
- Hawarden, T.G.** *see* Allen, D.A. 8-81687
- Hawarden, T.G.** *see* Longmore, A.J. 8-65697
- Hawarden, T.G.** *see* Norris, J. 8-93333
- Hawerkamp, K.** *see* Berg, H. 8-93974
- Hawer, W.** On the dynamic behaviour of dissipative circulatory structural systems 8-63364
- Hawk, H.L.** *see* Bame, S.J. 8-85788
- Hawke, J.G.** *see* Golian, C. 8-82092
- Hawke, P.S.**, Burgess, T.J., Duerre, D.E., Heubel, J.G., Keeler, R.N., Klapper, H., Wallace, W.C. Observation of electrical conductivity of isentropically compressed hydrogen at megabar pressures 8-95315
- Hawke, R.S.**, Duerre, D.E., Huebel, J.G., Keeler, R.N., Wallace, W.C. Electrical properties of Al_2O_3 under isentropic compression up to 500 GPa (5 Mbar) 8-71789
- Hawker, K.E.** Influence of Stoneley waves on plane-wave reflection coefficients: characteristics of bottom reflection loss 8-87180
- Hawker, K.E.** *see* Rutherford, S.R. 8-55498
- Hawkes, G.E.**, Paget, S., Randall, E.W. Modulations in heteronuclear double-resonance spectra 8-86897
- Hawkes, I.** *see* Bieniawski, Z.T. 8-96314
- Hawkes, P.W.** On the nature of spherical aberration 8-54135

- Hawkes, P.W.** Partial coherence and inelastic scattering in electron image formation 8-58897
- Hawkes, P.W.** Half-plane apertures in TEM, split detectors in STEM and ptychography 8-89603
- Hawkesworth, M.R.** Neutron radiography: equipment and methods 8-60889
- Hawking, S.W.** Black holes and unpredictability 8-54277
- Hawking, S.W.** *see* Gibbons, G.W. 8-70318
- Hawkins, B.** Inexpensive integrated circuit wiring tools 8-86073
- Hawkins, G.F., Thomas, R.L.** Ultrasonic studies of spin glasses: CuMn 8-68351
- Hawkins, G.F.** *see* Wong, Y.H. 8-68481
- Hawkins, J.A.** *see* Collins, F.A. 8-73303
- Hawkins, J.D.** A study of the mesoscale wind circulation in a land-sea breeze regime 8-65354
- Hawkins, R.B.** Quantitative determination of cross-linkage of bacteriophage DNA and protein by ionising radiation 8-77002
- Hawkins, R.H.** *see* Thomas, S.R., Jr. 8-50404
- Hawkrige, D.G.** *see* McCurrie, R.A. 8-91899
- Hawley, J.G.** *see* Murray, E.R. 8-69525
- Hawley, M.S., Romanow, F.F.** Electret transducer equations by Lagrange's equation 8-83202
- Hawley, S.A.** Abundance anomalies in the Helix Nebula 8-86001
- Hawley, S.A.** The chemical composition of galactic and extragalactic H II regions 8-93359
- Hawley, S.A.** *see* Grandi, S.A. 8-57623
- Haworth, R.T.** *see* Lefort, J.P. 8-73327
- Hawryluk, R.J.** *see* Hinnov, E. 8-83537, 8-91155
- Hawryluk, R.J.** *see* Suckewer, S. 8-67400
- Haxton, M.B.** The phonon spectra of γ - and δ -CuBr 8-51632
- Haxton, W.C.** Threshold pion photoproduction in ^{12}C and the 15.11 MeV M1 form factor 8-62519
- Haxton, W.C.** Threshold pion electroproduction and the nuclear response surface 8-93989
- Hay, J.N., Przekop, Z.J.** On a nonexponential transformation equation for spherulitic crystallization 8-67662
- Hay, P.J.** Ab initio studies of the metal-metal bond in $\text{Re}_2\text{Cl}_8^{2-}$ 8-82633
- Hay, P.J., Dunning, T.H., Jr.** Electronic states of rare gas fluorides 8-63083
- Hay, P.J., Dunning, T.H., Jr.** The covalent and ionic states of the xenon halides 8-90092
- Hay, P.J., Wadt, W.R., Kahn, L.R.** Ab initio effective core potentials for molecular calculations. II. All-electron comparisons and modifications of the procedure 8-62704
- Hay, P.J., Wadt, W.R., Kahn, L.R., Bobrowicz, F.W.** Ab initio studies of [AuH], [AuCl], [HgH] and [HgCl] using [relativistic effective core potentials] 8-86767
- Hay, P.J.** *see* Dunning, T.H., Jr. 8-63084, 8-78634
- Hay, P.J.** *see* Kahn, L.R. 8-50483
- Hay, P.J.** *see* Wadt, W.R. 8-66474
- Hay, R.D.** *see* Williams, J.E.C. 8-54983
- Hay, R.G.** *see* Aki, K. 8-73338
- Hay, W.W.** *see* Barron, E.J. 8-92805
- Hayahshi, Y., Igaki, T., Takekoshi, H.** Material analysis by the nuclear backscattering method using cyclotron 8-80807
- Hayakawa, H.** *see* Takada, S. 8-83090
- Hayakawa, K.** *see* Kanomata, I. 8-80823
- Hayakawa, K.** *see* Mohri, M. 8-79647
- Hayakawa, K.** *see* Yamashina, T. 8-95636
- Hayakawa, M., Tanaka, Y.** On the propagation of low-latitude whistlers 8-73586
- Hayakawa, M.** *see* Kobashi, Y. 8-90829
- Hayakawa, M.** *see* Tanaka, Y. 8-81509
- Hayakawa, N.** *see* Fujimura, T. 8-91957
- Hayakawa, N.** *see* Kuriyama, I. 8-59835
- Hayakawa, S., Ito, K., Masumoto, T., Uyama, K.** Balloon observations of infrared surface brightness of Galactic center 8-61925
- Hayakawa, S., Makino, F.** Dead time correction for the counting rate measured with a system of buffer memories 8-86756
- Hayakawa, S., Yazawa, S., Abe, K., Fukuyki, S.** Light effects on adsorption of O_2 and H_2 on ZnO powder 8-95230
- Hayakawa, S.** *see* Bleeker, J.A.M. 8-85941
- Hayakawa, S.** *see* Fuyuki, S. 8-56420
- Hayakawa, S.** *see* Onji, K. 8-95692
- Hayakawa, S.** *see* Ono, S. 8-83199
- Hayakawa, S.** *see* Ueda, I. 8-95555
- Hayakawa, S.** *see* Wasa, K. 8-84713
- Hayami, M., Sugimoto, M.** On draining of water by capillary flow 8-95208
- Hayami, R.** *see* Omori, S. 8-95721
- Hayami, Y.** *see* Nagano, M. 8-95686
- Hayano, R.S., Uemura, Y.J., Imazato, J., Nishida, N., Nagamine, K., Yamazaki, T., Yasuoka, H.** Longitudinal spin relaxation of μ^+ in paramagnetic MnO 8-80268
- Hayano, R.S.** *see* Nishida, N. 8-95538
- Hayano, R.S.** *see* Yasuoka, H. 8-80270
- Hayasaka, H.** Non-equilibrium statistical thermodynamics of neutron gas in reactor 8-62595
- Hayasaka, K.** *see* Awaka, J. 8-85670
- Hayase, T.** *see* Kitazawa, H. 8-94001
- Hayashi, C., Kondo, S., Kodama, H.** Psychological Assessment of Aircraft Noise Index 8-55507
- Hayashi, H., Fujii, Y.** An efficient acousto-optic TE \leftrightarrow TM mode converter utilizing a doubly confined optical and acoustic waveguide structure 8-83087
- Hayashi, H., Uemura, Y.** Fracture surface of Charpy impacted rigid PVC plate specimens 8-52953
- Hayashi, H.** *see* Azuma, N. 8-68609, 8-76601
- Hayashi, H.** *see* Sekiya, T. 8-64450
- Hayashi, H.** *see* Takenaka, T. 8-63772
- Hayashi, H.** *see* Wada, S. 8-83435
- Hayashi, I.** Degradation in semiconductor light sources 8-82970
- Hayashi, K., Iida, N., Ishino, S., Mishima, Y.** Radiation blistering of vanadium irradiated with 40 keV ^4He ions 8-55897
- Hayashi, K., Kasai, J., Fukui, M., Nishikawa, T.** Thermal conductivity of zircon brick at high temperatures 8-95193
- Hayashi, K., Sasaki, R.** Spinor electrodynamics in the Riemann-Cartan space and dynamical theory of axial vector torsion propagating in vacuum 8-73889
- Hayashi, K.** *see* Minato, S. 8-81161
- Hayashi, K.** *see* Sato, M. 8-53437
- Hayashi, K.** *see* Suzuki, H. 8-92228, 8-92329
- Hayashi, K.** *see* Tomimatsu, T. 8-78501
- Hayashi, M., Asou, S., Tanoue, H., Yamashita, T.** Study on the interactions between oblique shock waves and boundary layers by Henderson's method 8-55662
- Hayashi, M., Isa, H.** Observation of primary and secondary streamers in air gaps under impulse voltage 8-67569
- Hayashi, M., Ohya, Y., Iwasaki, N., Makimoto, T.** An experiment on drag and wake of two-dimensional bluff bodies 8-55647
- Hayashi, M., Seto, K.** Analysis of two-dimensional underexpanded jets 8-90952
- Hayashi, M.** *see* Isa, H. 8-67570, 8-87544
- Hayashi, M.** *see* Kuwabara, M. 8-53338
- Hayashi, M.** *see* Saga, J. 8-64621, 8-84976
- Hayashi, R.** Scaling violation as a threshold effect of charm particle production 8-66088
- Hayashi, R.** *see* Shinozuka, T. 8-85669
- Hayashi, S., Ono, S., Komatsu, H.** Growth of cobalt single crystals by the electron beam floating-zone method 8-68624
- Hayashi, S.** *see* Inoue, T. 8-67718
- Hayashi, S.** *see* Iwamura, H. 8-83104
- Hayashi, S.** *see* Tanaka, T. 8-64316
- Hayashi, T.** *see* Anderson, J.M. 8-91264
- Hayashi, T.** *see* Doke, T. 8-61688
- Hayashi, T.** *see* Miyatake, Y. 8-70488
- Hayashi, T.** *see* Ohata, T. 8-84632
- Hayashi, Y., Aoki, K., Yuhara, H.** Study of frost formation based on a theoretical model of the frost layer 8-79200
- Hayashi, Y.** *see* Hagi, H. 8-84004
- Hayashi, Y.** *see* Yano, S. 8-72457
- Hayashi, Y.** *see* Yoshimura, M. 8-84219
- Hayashida, Y.** *see* Shin, K. 8-59839
- Hayashiuchi, Y.** *see* Okada, T. 8-52128
- Hayata, N.** *see* Hara, M. 8-78853
- Hayatsu, A.** *see* Storetvedt, K.M. 8-61369
- Hayd, A.** *see* Janoschek, R. 8-94231
- Haydar, A., Coret, A.** Excitons and structural defects in Cu_2O at low temperature 8-84255
- Hayden, J.S., Berberian, J.G.** Hemispherical dielectric permittivity cell 8-70161
- Haydock, K.** *see* Rein, R. 8-88693
- Haydon, S.C., McIntosh, A.I.** Investigations of ionisation growth in gas mixtures 8-83636
- Haydon, S.C., Plumb, I.C.** Time-resolved studies of the electrical breakdown of a gas at radio frequencies 8-79485
- Hayes, D.J.** Water leaks in sodium-heated fast reactor boilers 8-86572
- Hayes, D.W.** *see* Fliermans, C.B. 8-80976
- Hayes, E.F.** *see* Gray, J.C. 8-80733
- Hayes, E.F.** *see* Pendergast, P. 8-66469
- Hayes, J.M.** *see* Hammer, P.M. 8-88847
- Hayes, J.M.** *see* Matthews, D.E. 8-58087
- Hayes, R.G.** *see* Muralidharan, S. 8-82785
- Hayes, T.M., Allen, J.W., Tauc, J., Giessen, B.C., Hauser, J.J.** Short-range order in metallic glasses 8-55815
- Hayes, T.M., Boyce, J.B., Beeby, J.L.** A structural model for superionic conduction 8-79797
- Hayes, W.** Superionic conductors 8-91476
- Hayes, W., Owen, I.B.** Comparison of effects of X-rays and ultraviolet light in the creation of excitons in AgCl 8-79933
- Hayes, W., Rushworth, A.J., Ryan, J.F.** Effects of anharmonicity and disorder on Raman scattering in fluorite crystals at high temperatures 8-80349
- Hayes, W.** *see* Catlow, C.R.A. 8-80365, 8-80369
- Hayes, W.** *see* Wiltshire, M.C.K. 8-91852
- Hayes, W.C., Swenson, L.W., Jr., Schurman, D.J.** Axisymmetric finite element analysis of the lateral tibial plateau 8-69127
- Hayes, W.C., Wright, T.M.** An empirical strength theory for compact bone 8-77081
- Hayes, W.N.** *see* Wild, J.F. 8-75645
- Hayfeh, A.H.** *see* Sridhar, S. 8-83141
- Hayhoe, H.N.** Study of the relative efficiency of finite difference and Galerkin techniques for modeling soil-water transfer 8-81249
- Hayhurst, A.N., Springett, M.J.** Flame photometric determinations of diffusion coefficients. VI. Results for carbon monoxide and free atoms of bromine, iodine and thallium 8-51272
- Haykin, S.S.** *see* Carter, C.R. 8-66976
- Hayman, A.J.** *see* Weight, J.P. 8-50986
- Haynes, A.** *see* Auld, E.G. 8-78382
- Haynes, B.W.** Electrothermal atomic absorption determination of arsenic and antimony in combustible municipal solid waste 8-85229
- Haynes, M.P., Giovanelli, R., Burkhead, M.S.** Extended neutral hydrogen in the M51 system 8-89253
- Haynes, R.F., Caswell, J.L., Simons, L.W.J.** A southern hemisphere survey of the galactic plane at 5 GHz 8-81686
- Haynes, W.J.** *see* Barber, D.P. 8-78189
- Hayns, M.R.** The role of bulk recombination in the theory of void swelling 8-83847
- Hayns, M.R., Williams, T.M.** Void-swelling in FV607 ferritic steel. II. A theoretic model 8-71763
- Hayns, M.R., Wood, M.H.** The effect of variations in damage rate and gas deposition rate during simultaneous damage and gas injection experiments 8-83855
- Hayns, M.R., Wood, M.H., Bullough, R.** A theoretical evaluation of dual-beam irradiation experiments 8-79646
- Hayns, M.R.** *see* Wood, M.H. 8-58358
- Hayon, E.** *see* Fox, M.F. 8-94208
- Hayot, F., Jachac, S.** Quark fragmentation function in inclusive hadron scattering: universality 8-66082
- Hayot, F.** *see* Cohen-Tannoudji, G. 8-74233
- Hayot, F.** *see* Darrigol, O. 8-93880
- Hays, A.K.** *see* Tellinghuisen, J. 8-70843
- Hays, D.A.** *see* Hartmann, G.C. 8-60191
- Hays, G.N.** *see* Gerber, R.A. 8-63102
- Hays, P.** *see* Harris, R. 8-82242
- Hays, P.B., Anger, C.D.** Influence of ground scattering on satellite auroral observations 8-77385
- Hays, P.B.** *see* Frederick, J.E. 8-57378, 8-69414
- Hays, T.R., Lin, S.H., Eyring, H.** Ion flow through a membrane: effect of chemical reaction on time dependence 8-95954
- Hayslett, C.R.** *see* Koliopoulos, C. 8-86325
- Hayslett, C.R.** *see* Swantner, W. 8-59169
- Hayter, J.B.** Matrix analysis of neutron spin-echo 8-86715
- Hayter, J.B., Penfold, J., Williams, W.G.** Compact polarising Soler guides for cold neutrons 8-54501
- Hayward, C.T.** *see* Font, R.G. 8-73337
- Hayward, E.** *see* Kline, F.J. 8-66270
- Hayward, P.J.** The electrical conductivities and cation mobilities of $\text{Na}_2\text{O}-\text{Al}_2\text{O}_3-\text{SiO}_2$ glasses 8-59973
- Haywood, J.K., Harris, I., Boddy, K., Williams, E.D.** A two-way scanning method for total body in vivo neutron activation analysis 8-92697
- Haywood, J.K.** *see* Williams, E.D. 8-53490
- Haywood, L.J.** *see* Durairaj, S.K. 8-80960
- Hazan, J.P., Cabanie, J.P., Bernard, J.J.** Method of assessing index profile data 8-71205
- Hazell, R.G., Willis, B.T.M.** Correlation between third cumulants in the refinement of noncentrosymmetric structures 8-91288
- Hazeltine, R.D., Ross, D.W.** Variational theory of drift and tearing eigenmodes in slab geometry 8-71468
- Hazeltine, R.D., Strauss, H.R.** Kinetic and finite beta effects on the $m=1$ tearing instability 8-67398
- Hazeltine, R.D., Ware, A.A.** The drift kinetic equation for toroidal plasmas with large mass velocities 8-91147
- Hazelen, R.C.** *see* Kimberlin, S.R. 8-67408
- Hazen, R.M., Finger, L.W.** The crystal structures and compressibilities of layer minerals at high pressure. II. Phlogopite and chlorite 8-63717
- Hazen, R.M., Finger, L.W.** Crystal structures and compressibilities of pyrope and grossular to 60 kbar 8-63718
- Hazen, R.M., Finger, L.W.** The crystal structures and compressibilities of layer minerals at high pressure. I. SnS_2 , berndtite 8-67685
- Hazewindus, N.** *see* Brongersma, H.H. 8-76968
- Hazi, A.** *see* Bender, C. 8-59002
- Hazi, A.U.** *see* Rescigno, T.N. 8-70882
- Hazle, M.A.S.** *see* Baker, C. 8-86920
- Hazra, L.N.** *see* De, M. 8-79097
- He Fu-xiang** *see* Yang Chuan-zheng 8-95792
- He In** *see* Han Wen-Shu 8-78393
- He Lin** *see* Lin He

- He Yi** *see* Sun Chi-Chang 8-82406
- He Ze-Jun**, Lee Pan-Lin The microscopic calculation of the statistical theory of nuclear fission 8-86559
- He-qi Zhang** *see* Zhang He-qi
- Head, C.** *see* De Vaucouleurs, G. 8-65685
- Head, C.R.** *see* Coffman, F.E. 8-58413
- Head, J.D.**, Mitchell, K.A.R. Calculations with the CNDO method on clusters of silver atoms 8-70995
- Head, J.L.** *see* Alujevic, A. 8-62593
- Head, J.L.** *see* Keegstra, P.N.R. 8-67151
- Head, J.W., III** *see* Adams, J.B. 8-61765
- Heade, M.S.**, Basu, P.K. An indigenous UV photoelectron spectrometer 8-82865
- Headford, C.E.L.** *see* Hall, D. 8-95011
- Heading, R.C.** *see* Tothill, P. 8-73206
- Headley, S.C.** *see* Fortune, H.T. 8-86477
- Heady, R.B.** The Fetch-Stables Theory of hydrogen embrittlement 8-60738
- Heagy, S.M.** *see* Benvenuti, A. 8-82196
- Heal, G.R.** *see* Dollimore, D. 8-63939
- Heald, P.T.** The irradiation-creep strain produced by vacancy loops 8-72815
- Heald, S.** *see* Stern, E.A. 8-51421
- Heald, S.M.**, Stern, E.A. Extended-X-ray-absorption-fine-structure study of the Br₂-graphite system 8-72638
- Healey, T.** *see* Green, D. 8-53551
- Healey, T.** *see* Tucker, M.O. 8-68839
- Healzer, J.M.** *see* Moffatt, R.J. 8-71334
- Heaney, J.B.** *see* Triolo, J.J. 8-85827
- Heap, S.R.**, Boggess, A., Holm, A., Klingensmith, D.A., Sparks, W., West, D., Wu, C.C., Boksenberg, A., Willis, A., Wilson, R., Macchetto, F., Selvelli, P.L., Stickland, D., Greenstein, J.L., Hutchings, J.B., Underhill, A.B., Viotti, R., Whelan, J.A.J. IUE observations of hot stars: HZ 43, BD+75°325, NGC 6826, SS Cygni, η Carinae 8-96474
- Heap, S.R.** *see* Boggess, A. 8-96383
- Heaps, M.G.** Parametrization of the cosmic ray ion-pair production rate above 18 km 8-65469
- Hearle, J.W.S.** *see* Calil, S.F. 8-64699
- Hearn, A.G.** *see* Nelson, G.D. 8-53927
- Hearn, A.L.**, Yeh, K.C. A study of electron density spectra of traveling ionospheric disturbances 8-77398
- Hearn, M.R.** Sporting noise 8-55510
- Hearnshaw, J.B.** The Cassegrain echelle spectrograph at Mt John Observatory 8-69689
- Hearnshaw, J.B.** An echelle spectrograph 8-96396
- Hearst, J.R.**, Carlson, R.C. The gravimetric density formula for a spherical shell 8-61303
- Heasley, J.** *see* Abou el-leil, M. 8-95182
- Heath, D.F.** *see* Frederick, J.E. 8-69414
- Heath, W.J.** *see* Moloney, J.V. 8-66598
- Heathcote, J.G.** *see* Shaya, S.Y. 8-61237
- Heatherly, L.** *see* Clausing, R.E. 8-94131, 8-95635
- Heatley, F.** *see* Cooper, D.R. 8-51448
- Heaton, K.C.** *see* Bower, D.R. 8-73407
- Heaton, M.** *see* Chesterman, W.D. 8-61622
- Heaton, R.**, Lafon, E. Self-consistent calculation of Compton profiles, X-ray structure factors, and band structure for diamond 8-51889
- Heaton, T.H.**, Helmberger, D.V. Predictability of strong ground motion in the Imperial Valley: modeling the M4.9, November 4, 1976 Brawley earthquake 8-92782
- Heavens, O.S.** Optical properties of thin films—where to? 8-76540
- Heavens, O.S.** *see* Dawson, P.T. 8-60013
- Hebbbar, M.** *see* Duke, J.M. 8-82503
- Hebbard, D.F.** *see* Zeller, A.F. 8-66299
- Hebel, L.C.**, Christensen, E.L., Donath, F.A., Falconer, W.E., Lidofsky, L.J., Moniz, E.J., Moss, T.H., Pigford, R.L., Pigford, T.H., Rochlin, G.I., Silsbee, R.H., Wrenn, M.E., Frauenfelder, H., Cairns, T.L., Panofsky, W.K.H., Simmons, M.G. Report to the American Physical Society by the study group on nuclear fuel cycles and waste management 8-54863
- Heberlein, J.V.R.**, Gorman, J.G. The columnar metal vapor arc under the influence of an axial magnetic field 8-87573
- Heberlein, J.V.R.** *see* Emtage, P.R. 8-75468
- Heberling, T.G.** *see* Finke, T.E. 8-81942
- Hebrat, B.** *see* Frossati, G. 8-81978
- Hecht, A.M.** Dynamic light scattering from polyacrylamide-water gels 8-60477
- Hecht, A.M.** *see* Geissler, E. 8-88318
- Hecht, D.L.** *see* Flores, L.N. 8-79137
- Hecht, H.G.** *see* Boring, M. 8-78627
- Hecht, H.S.**, Mirell, S.G., Rolett, E.L., Bland, W.H. Left-ventricular ejection fraction and segmental wall motion by peripheral first-pass radionuclide angiography 8-61246
- Hecht, J.** *see* Benard, D.J. 8-66815
- Hecht, K.T.** Alpha-clustering vs giant E2 excitations in ¹⁶O 8-50109
- Hecht, K.T.** *see* Braunschweig, D. 8-70471, 8-74303
- Hecht, E.**, Bay, H.L., Bohdanský, J. Low energy selfspattering yields of nickel 8-56553
- Heck, A.** Absolute luminosity calibration of F stars 8-65612
- Heck, A.** Some methods of determining the stellar absolute magnitude 8-96405
- Heck, A.**, Lakaye, J.M. A note on the relation between metallicity and luminosity in field RRab Lyrae stars 8-77561
- Heck, A.** *see* Boggess, A. 8-96383
- Heck, A.** *see* Linsky, J.L. 8-96475
- Heck, F.M.**, King, E.I., Stillwagon, R.E. Experimental fusion power reactor ohmic heating energy storage 8-58495
- Heck, F.M.**, Schultz, J.H., Smeltzer, G.S. Electrical design of TNS 8-55014
- Heck, F.M.** *see* Varljen, T.C. 8-50359
- Hecke, G.R.** Van *see* Van Hecke, G.R.
- Hecke, P.** van *see* van Hecke, P.
- Heckel, K.**, Ziebart, W. A new method for calculation of notch- and size-effect in fatigue 8-63389
- Heckenbach, M.**, Muschelknautz, E. On the influence of eccentricity on viscosity measurements with a rotating viscometer 8-67291
- Hecker, B.** *see* Ryan, W.B.F. 8-73356
- Hecker, C.** *see* Diard, J.-P. 8-88638
- Hecker, E.** *see* Res, M.A. 8-66919
- Hecker, S.P.** *see* Chu, S.L. 8-86674
- Hecker, S.S.**, Rohr, D.L. Brittle fracture in iridium 8-64637
- Heckingbottom, R.** *see* Elliott, C.R. 8-59827
- Heckman, H.H.**, Crawford, H.J., Greiner, D.E., Lindstrom, P.J., Wilson, L.W. Central collisions produced by relativistic heavy ions in nuclear emulsion 8-66315
- Heckman, H.H.**, Greiner, D.E., Lindstrom, P.J., Shwe, H. Fragmentation of ⁴He, ¹²C, ¹⁴N, and ¹⁶O nuclei in nuclear emulsion at 2.1 GeV/nucleon 8-70561
- Heckman, H.H.** *see* Greiner, D.E. 8-85789
- Heckman, T.M.** Peculiar nuclei and their relation to galaxy type 8-73759
- Heckmann, P.H.** *see* Hannebauer, F. 8-62757
- Hedberg, K.** *see* Gundersen, G. 8-66662
- Hedegaard, P.** General accuracy of sound level meter measurements 8-59211
- Hedegaard, P.** *see* Andersen, T. 8-50623
- Hedeman, E.R.** *see* Olson, R.H. 8-73459
- Heder, G.** *see* Niklas, J.R. 8-60355
- Hedgcock, F.T.** Energy splittings of transition metal ions in non-cubic hosts 8-67989
- Hedgcock, F.T.** *see* Cafaro, A.W. 8-56169
- Hedgcock, F.T.** *see* Cochran, R.W. 8-52243
- Hedge, A.R.** *see* Breare, J.M. 8-70697
- Hedge, C.E.** Strontium isotopes in basalts from the Pacific Ocean Basin 8-65218
- Hedge, S.** *see* Suess, J. 8-75031
- Hedgcock, P.C.** *see* Haerendel, G. 8-89010
- Hedgcock, P.C.** *see* Plyasova-Bakounina, T.A. 8-65476
- Hedgcock, P.C.** *see* Rastogi, R.G. 8-85766
- Hedges, L.** Personalized introductory courses: a longitudinal study 8-49574
- Hedges, M.J.**, Hornsey, S. The effect of X-rays and neutrons on lymphocyte death and transformation 8-69144
- Hedin, A.** *see* Alcayde, D. 8-57376
- Hedin, A.E.**, Spencer, N.W., Mayr, H.G., Harris, I., Porter, G.S. Direct evidence of transport processes in the thermospheric diurnal tide 8-88959
- Hedin, V.A.** *see* Avizonis, P.V. 8-66855
- Hedley, W.H.**, Olt, R.G., Holboke, L.E., Wurstner, A.L. Flow of gases and liquids through ultrafine capillaries having diameters between 1.5 and 60 micrometers 8-94822
- Hedman, E.** *see* Sandstrom, R. 8-56656
- Hedman, J.** *see* Nyholm, R. 8-53301
- Hedman, L.** *see* Gudmundsson, H. 8-68260
- Hedrick, C.L.** *see* Uckan, N.A. 8-54981
- Hedvig, P.** *see* Forgacs, P. 8-75561
- Hee Be Suck** *see* Suck Hee Be
- Hee Cha Jong** *see* Jong Hee Cha
- Hee Kim Young** *see* Young Hee Kim
- Heeb, C.M.**, Lewallen, M.A., Purcell, W.L. The ENFORM fuel cycle effluents model 8-94111
- Heeb, C.M.** *see* Kabele, T.J. 8-94110
- Heeger, A.J.** *see* Chiang, C.K. 8-76070
- Heeger, A.J.** *see* Ehrenfreund, E. 8-80233
- Heeger, A.J.** *see* Fincher, C.R., Jr. 8-92137
- Heeger, A.J.** *see* Gunning, W.J. 8-60378
- Heeger, A.J.** *see* Wei, T. 8-52297
- Heeger, A.J.** *see* Weinberger, B.R. 8-88214
- Heelis, R.A.**, Bailey, G.J., Hanson, W.B. Ion temperature troughs and interhemispheric transport observed in the equatorial ionosphere 8-96340
- Heelis, R.A.** *see* Reiff, P.H. 8-81484
- Heenan, R.K.** *see* Windsor, C.G. 8-58532
- Heenen, P.-H.** *see* Baye, D. 8-54726
- Heer, F.J.** *see* de Heer, F.J.
- Heer, F.J.** *see* De Heer, F.J.
- Heerden, I.J.** van *see* van Heerden, I.J.
- Heerden, W.L.** van *see* van Heerden, W.L.
- Heertjes, P.M.** *see* van Brakel, J. 8-84033
- Hees, A.G.M.** van *see* van Hees, A.G.M.
- Heetderks, H.D.** *see* Anderson, K.A. 8-85786
- Heetderks, W.J.** Criteria for evaluating multiunit spike separation techniques 8-85422
- Heethaar, R.M.** *see* Denier Van der Gon, J.J. 8-73170, 8-73171
- Heev, F.J.** *see* de Heev, F.J.
- Hefe, H.**, Schulte in den Baumen, J. 8-13 μ m spectrophotometry of the compact H II region G45.1+0.1 8-65672
- Hefner, R.H.** *see* Burman, R.L. 8-70573
- Hefter, K.** *see* Lin, P.-S. 8-69017
- Hefter, U.** *see* Bergmann, K. 8-62887, 8-86968
- Hegarty, J.** *see* Wilson, B.A. 8-75999
- Hegde, M.S.** *see* Ghosh, P.K. 8-67328
- Hegde, M.S.** *see* Vasudevan, S. 8-84144
- Hegde, S.G.**, Daunt, J.G. Nuclear magnetic resonance of ³He adsorbed submonolayers on Grafoil and argon-coated Grafoil. I. Low coverages 8-91503
- Hege, E.K.** *see* Williams, R.E. 8-93253
- Hegedus, C.J.**, Torre, E.D. On the efficient calculation of magnetic bubble functions 8-52323
- Hegedus, C.J.** *see* Kadar, G. 8-76274
- Hegelund, F.**, Brodersen, S., Mills, I.M. The ν_2 , ν_3 Raman band system of ¹³CH₃F 8-74667
- Hegemier, G.** *see* Murakami, H. 8-87230
- Hegemier, G.** *see* Nair, S. 8-63284
- Hegemier, G.A.** *see* Maewal, A. 8-71271
- Hegenbarth, E.** *see* Rindelhhardt, U. 8-63866
- Heger, G.** *see* Depmeier, W. 8-55858
- Heger, G.** *see* Lehner, N. 8-79772
- Hegerl, R.** *see* Hoppe, W. 8-69971
- Hegge, F.N.**, Hamilton, G.W., Larson, S.M., Ritchie, J.L., Richards, P. Cardiac chamber imaging: a comparison of red blood cells labeled with Te-99m in vitro and in vivo 8-65109
- Heggie, J.C.P.** *see* Linard, B.J. 8-74326
- Heggie, J.C.P.** *see* Switkowski, Z.E. 8-89856
- Hegji, S.J.** *see* Jory, H.R. 8-62611
- Hehl, F.W.**, Nitsch, J., von der Heyde, P., Ne'eman, Y. Short-range confining component in a quadratic Poincaré gauge theory of gravitation 8-89388
- Hehre, W.J.** *see* Pople, J.A. 8-58572
- Heib, M.** *see* Radaj, D. 8-75102
- Heibei, J.**, Voges, E. Index profiles of planar optical waveguides determined from the angular dependence of reflectivity 8-71210
- Heidam, N.Z.** *see* Flyger, H. 8-85645
- Heide, K.** von der *see* von der Heide, K.
- Heidel, M.**, Schneider, W. On the electron microscopic determination of grain size distribution of magnetically hard powder by means of special preparation methods 8-56833
- Heideman, H.G.M.** *see* van de Water, W. 8-78820
- Heidemann, A.** *see* Kalus, J. 8-83999
- Heidemann, K.F.** *see* Kappert, H.F. 8-75686
- Heiden, U.** an der *see* an der Heiden, U.
- Heidmann, J.** *see* Casini, C. 8-96535
- Heidner, D.** *see* Grobe, R. 8-50836
- Heidner, E.** Protein crystallizations. The functional dependence of the nucleation rate on the protein concentration and the solubility 8-87632
- Heidner, R.F., III** *see* Bott, J.F. 8-53202
- Heidner, R.F., III** *see* Sutton, D.G. 8-51376
- Heidrick, T.R.** *see* Urbanic, V.F. 8-80676
- Heidt, M.** *see* Pitts, D.E. 8-65389
- Heier, K.S.** The distribution and redistribution of heat-producing elements in the continents 8-65232
- Heifetz, J.** *see* Chen, S.J. 8-50379
- Heiftje, G.M.** *see* Cochran, R.L. 8-89546
- Heighway, E.A.**, Chaplin, K.R. Magnetic field related mechanical tolerances for the proposed Chalk River superconducting heavy-ion cyclotron 8-58511
- Heijden, A.M.J.** van der *see* van der Heijden, A.M.J.
- Heijdenrijk, P.J.** *see* Barentsen, W. 8-52899
- Heikal, M.R.F.**, Hatton, A.P. Predictions and measurements of non-axisymmetric turbulent diffusion in an annular channel 8-75129
- Heikens, D.** *see* Barentsen, W. 8-52899
- Heikens, H.H.**, Kuindersma, R.S., Van Bruggen, C.F., Haas, C. Magnetic properties of MnEr₂S₈, MgEr₂S₈, and Mn₂Mg_{1-x}Y_{2x}S₈ 8-52242
- Heikens, H.H.**, Kuindersma, R.S., Van Bruggen, C.F., Haas, C. Magnetic properties of Mn₂Mg_{1-x}S solid solutions 8-60269
- Heikens, H.H.**, van Bruggen, C.F., Haas, C. Electrical properties of α -MnS 8-87971
- Heikkila, W.J.** Electric field topology near the dayside magnetopause 8-57398
- Heikkila, W.J.** *see* Pellinen, R.J. 8-77425
- Heikkinen, D.W.** *see* Dietrich, F.S. 8-90012
- Heikkinen, D.W.** *see* Lanier, R.G. 8-93929
- Heil, P.** *see* Nagel, M. 8-88754
- Heil, T.G.**, Green, S., Kouri, D.J. The coupled states approximation for scattering of two diatoms 8-62872
- Heil, T.G.**, Secret, D. A comparison of close coupling and coupled states for low energy spherical top-atom collisions: Ar-CH₄ 8-78784

- Heiland, G., Kohl, D. Interpretation of surface phenomena on ZnO by the compensation model 8-95323
- Heiland, G. *see* Kohl, D. 8-60185
- Heiland, W., Englert, W., Taglauer, E. A study of the sorption of CO on W and Ni single-crystal surfaces by ion scattering 8-71949
- Heiland, W. *see* Leung, S.Y. 8-95644
- Heiland, W. *see* Taglauer, E. 8-95096
- Heiland, W. *see* Tolk, N.H. 8-86804
- Heiland, W. *see* Zartner, A. 8-55221
- Heilbock, H. *see* Granzer, W. 8-85452
- Heilbronner, E. *see* Bieri, G. 8-50578
- Heile, F.B., Perl, M.L., Abrams, G.S., Alam, M.S., Boyarski, A.M., Breidenbach, M., Dorfman, J., Feldman, G.J., Goldhaber, G., Hanson, G., Jaros, J.A., Kadyk, J.A., Luke, D., Madaras, R.J., Nelson, A.E., Pateron, J.M., Peruzzi, I., Piccolo, M., Pun, T., Rapidis, P., Wiss, J.E., Grammer, G., Jr. Anomalous e^+e^- and $\mu^+\mu^-$ events produced in e^+e^- annihilation 8-74238
- Heiles, C. The structure of the interstellar medium 8-54026
- Heiles, C. *see* Burstein, D. 8-54039
- Heilig, K. Determination of doping factor, mobility ratio and excess concentration using photovoltages at extreme band bendings 8-91726
- Heilman, J.L., Kanemasu, E.T., Bagley, J.O., Rasmussen, V.P. Evaluating soil moisture and yield of winter wheat in the Great Plains using Landsat data 8-65351
- Heilmann, E. Extracorporeal irradiation of blood with 137 caesium in experimental research and clinical application 8-69149
- Heilmann, H.G. *see* Bockmann, K. 8-93912
- Heilmann, I.U., Lockwood, D.J., Pawley, G.S. The Raman spectrum of tin tetraiodide: temperature and pressure measurements and lattice dynamical calculations 8-56472
- Heilmann, I.U., Olsen, N.B., Lockwood, D.J., Mackenzie, G.A., Pawley, G.S. Dynamics of the molecular solid SnI_4 8-79691
- Heilmann, O.J., Van Kampen, N.G. Stochastic nonlinear differential equations. II 8-93516
- Heim, C.J. *see* Cortellucci, R. 8-64742
- Heim, G., Bauriedl, W., Buckel, W. Towards amorphization of indium by ion implantation 8-52135
- Heim, G. *see* Kay, E. 8-72720
- Heim, H., Barnighausen, H. The crystal structure of trisamariumtetrasulphide, a general crystal-chemical consideration of the Th_3P_4 type and a discussion of the unusual valency state of Sm in Sm_3S_4 8-75636
- Heim, W.J. *see* Murray, H. 8-54942
- Heiman, D., Ushioda, S. Damping of the soft E-symmetry phonon in lead titanate 8-67799
- Heiman, D. *see* Weber, M.J. 8-50866
- Heiman, N., Kazama, N. Concentration dependence of the Co moment in amorphous alloys of Co with Y, La, and Zr 8-56300
- Heiman, N., Kazama, N. Magnetization of amorphous $\text{RE}_2\text{-Cu}_{1-x}$ alloys ($\text{RE}=\text{Gd, Tb, Dy, Ho}$) 8-68309
- Heiman, N. *see* Bhagat, S.M. 8-68389
- Heimann, P., Neddermeyer, H. Temperature effects on ultraviolet photoemission from gold 8-68604
- Heimann, P., Neddermeyer, H., Pessa, M. Ultraviolet photoemission studies of Fe-Ni Invar alloys 8-52623
- Heimann, P. *see* Anderson, J.R. 8-91603
- Heimendahl, L. *von* *see* Heimendahl, L.
- Heimes, F.J. *see* Berry, J.K. 8-81443
- Heimke, G. *see* Willmann, G. 8-60934
- Heimlich, F.H. *see* Bienlein, J.K. 8-93894
- Hein, H., Nagorny, K. Mossbauer spectroscopic investigation of the question of development of spontaneously magnetised regions in super-saturated Cu-Fe mixed crystals 8-64306
- Hein, H. *see* Nagorny, K. 8-52412
- Hein, J.R., Scholl, D.W., Miller, J. Episodes of Aleutian Ridge explosive volcanism 8-53636
- Hein, K. *see* Winkler, K. 8-64452
- Hein, U. *see* Kuhlmann, F. 8-89598
- Heindl, R., Deschamps, R., Domine-Berges, M., Lories, J. Gas-phase fluorinated ferrimagnetic materials 8-52306
- Heindler, M. *see* Harms, A.A. 8-60926
- Heine, V. *see* Gale, S.J. 8-95124
- Heinecke, W. Fluxgate-magnetometer using a sensor with direct time-coded output signal 8-89510
- Heinemann, H.-J., Butefisch, K.A. Determination of the vortex shedding frequency of cascades with different trailing edge thicknesses 8-75152
- Heinemann, K., Vogt, K.J. Conception for the measurement of the critical environmental exposure by radioiodine in the case of reactor accidents 8-57081
- Heinemann, K., Vogt, K.J. Concept for the monitoring of airborne radioactive effluents from nuclear plants in the Federal Republic of Germany with application to the Julich Nuclear Research Center 8-89990
- Heinemann, M., Olbert, S. Axisymmetrical ideal MHD stellar wind flow 8-89174
- Heinemeier, J., Hvelplund, P., Ramanujam, P.S. Formation of an energetic neutral uranium beam by charge exchange in gas and metal-vapor targets 8-70675
- Heinemeier, J. *see* Ekstrom, C. 8-70444
- Heinerman, J.J.L., Krabbendam, P., Kroon, J., Spek, A.L. Direct phase determination of triple products from Bijvoet inequalities. II. A probabilistic approach 8-55778
- Heines, G.W. *see* Islam, M.M. 8-74281
- Heiney, P. *see* Horn, P.M. 8-95234
- Heinisch, H.L., Jr. *see* Batdorf, S.B. 8-90786
- Heinisch, R.P. *see* Zirkle, R.E. 8-61739
- Heink, W., Karger, J., Walter, A. Self-diffusion measurements in heterogeneous systems using NMR pulsed field gradient technique 8-60341
- Heinlein, W., Witte, K.H. Digital transmission using optical waveguides for wavelengths beyond 1 μm 8-50907
- Heinonen, O. *see* Tuurnala, T. 8-78321
- Heinrich, B., Arrott, A.S., Noakes, J.E. Size effects in critical phenomena in iron whiskers 8-68258
- Heinrich, B. *see* Arrott, A.S. 8-64223
- Heinrich, F., Oggenfuss, A. Positron annihilation in current carrying semiconductors 8-72634
- Heinrich, F., Zimmermann, U. Determining the energy of formation of monovacancies in Pb by positron annihilation 8-71721
- Heinrich, H. *see* Palmethofer, L. 8-59831
- Heinrich, J.P., Ackermann, R.A., Rackov, P.M., Rhodenizer, R.L., Walker, M.S., Zeitlin, B.A., Markiewicz, W.D., Ferrante, J.J., Bryant, R.W., Quay, R. Conceptual studies of toroidal field magnets for an experimental power reactor 8-50391
- Heinrich, J.P., Miller, A.E. Magnetization and magnetocrystalline anisotropy of $\text{Pr}_2\text{Sm}_{1-x}\text{Co}_x$ alloys 8-68215
- Heinrich, J.P. *see* Quay, R. 8-50390
- Heinrich, J.P. *see* Zeitlin, B.A. 8-62631
- Heinrich, K.F.J. *see* Eitz, E.S. 8-88773
- Heinrich, K.F.J. *see* Pella, P.A. 8-69513
- Heinrich, L.A. Safeguards planning in a plant design process 8-82423
- Heinrich, S., Rexer, H.U., Schubert, K. Crystal structure of Ni_2Sb_3 8-83775
- Heinrich, S., Schubert, K. Crystal structure of $\text{Pt}_{13}\text{In}_9$ 8-83779
- Heinrichs, J. Density-of-states tails, fluctuation states, and mobility edges in systems with randomly distributed impurities 8-67983
- Heins, A.E. The fundamental solution for the axially symmetric wave equation 8-77722
- Heinsheimer, T.F. *see* Sweeney, L.H. 8-81560
- Heinsohn, J. *see* Ahmad, T. 8-81360
- Heintz, A. *see* Meixner, D. 8-51654
- Heintz, W.D. Orbits of 15 visual binaries 8-85969
- Heintz, W.D. Micrometer observations of double stars. IX 8-89218
- Heintz, W.D. Orbits of 12 southern visual binaries 8-96502
- Heintze, J. *see* Bartel, W. 8-89695
- Heintze, J. *see* Farr, W. 8-78583
- Heintzen, P.H. *see* Brennecke, R. 8-92723
- Heintzenberg, J. Particle size distributions from scattering measurements of nonspherical particles via Mie-theory 8-58909
- Heinz, I. The effect of reactor geometry on the deposition of Si_3N_4 8-60583
- Heinz, K. *see* Muller, K. 8-95214
- Heinz, U. *see* Muller, A. 8-81897
- Heinz, U. *see* Soffel, M. 8-73731
- Heinze, B.-R. Fixed-point representation of the electric voltage by means of the Josephson effect 8-93722
- Heinze, E., Grande, S. Nuclear spin-lattice relaxation in the solid-state of mesogenic p-alkoxybenzylidene-alkylanilines 8-64294
- Heinze, E., Grande, S. Nuclear spin relaxation in the dipolar system in solid p-alkoxybenzylidene-p-n-alkylanilines 8-76337
- Heinze, E., Grande, S. Nuclear spin-lattice relaxation and molecular motions in the thermotropic mesophases of p-alkoxybenzylidene-p-n-alkylanilines 8-91968
- Heinze, E., Grande, S., Losche, A. Investigation of the proton-spin-lattice relaxation in the smectic-C and nematic phases of long chain homologues of PAA 8-87610
- Heinze, E., Grande, S., Moscicki, J.K. Investigation of the proton spin-lattice relaxation in the metastable and stable solid phases of MBBA 8-64286
- Heinze, R. *see* Duren, B. 8-92743
- Heinze, W., Arenhovel, H., Horlacher, G. The TRK-sum rule in ^4He including isobar effects 8-66221
- Heinzel, P. Derivatives of the Voigt functions 8-89052
- Heinzelmann, G. *see* Bartel, W. 8-89695
- Heinzelmann, G. *see* Bienlein, J.K. 8-93894
- Heinzig, U. *see* Grunke, U. 8-54378
- Heinzinger, K. *see* Jancso, G. 8-92501
- Heinzmann, U., Kessler, J., Kuhlmann, E. Search for polarized photoelectrons from molecules 8-66607
- Heiple, C.R., Smugeresky, J.E., Capes, J.F. Metallographic observation of cleaved grains in polycrystalline beryllium 8-72824
- Heise, J. *see* Bleeker, J.A.M. 8-85941
- Heise, J. *see* Brinkman, A.C. 8-86025
- Heise, J. *see* den Boggende, A.H.F. 8-81634
- Heise, J. *see* Gronenschild, E.H.B.M. 8-54010
- Heise, J. *see* Schrijver, J. 8-96563
- Heise, U. The spectra of some integral operators for plane elastostatical boundary value problems 8-57782
- Heisel, F., Miehe, J.A., Sipp, B., Schott, M. Singlet exciton interactions in crystalline naphthalene 8-60500
- Heisel, F., Miehe, J.A., Sipp, B., Schott, M. Measurement of singlet exciton diffusion coefficient in the c' -direction in crystalline naphthalene 8-67945
- Heisenberg, J. *see* Lichtenstadt, J. 8-50155
- Heisenberg, J. *see* Papanicolas, C.N. 8-78366
- Heisenberg, J. *see* Williamson, C.F. 8-66191
- Heisig, U. *see* Schiller, S. 8-76604
- Heissler, E. Digital computer module for a reactor scram system 8-86635
- Heist, R.H. *see* Becker, C. 8-67820
- Heitjans, P. *see* Stockmann, H.-J. 8-59842
- Heitjans, P. *see* Winnacker, A. 8-91994
- Heitman, H., Fritzsche, C., Hansen, P., Krumme, J.-P., Spohr, R., Witter, K. Influence of irradiation with high energetic ions on storage properties of magneto-optic $(\text{Gd,Bi})_3(\text{Fe,Ga})_5\text{O}_{12}$ epitaxial films 8-52324
- Heitmann, D. Theory and experiment of the light emission of surface plasmons induced by fast electrons on modulated surfaces 8-80424
- Heitmann, D., Permien, V. Transition radiation from rough surfaces 8-60530
- Heitmeier, R. Liquid level monitor with galvanic isolation 8-73963
- Heitz, S. A reference and coordinate system for global geodetic methods in the subdecimetric precision range 8-81102
- Heitzenroeder, P.J., Jr., Haviland, T.S. Design, fabrication, and magnetic alignment of the PDX canned poloidal coils 8-50385
- Heitzenroeder, P.J., Jr. *see* Brown, G.M. 8-50384
- Heitzmann, M.K. Dopole interaction between nucleons 8-74306
- Heitzmann, M.K. Magnetic interaction of electrons. II 8-82610
- Heizer, R.F. *see* Bard, J.C. 8-70243
- Hekkinen, R. *see* Hoffer, M. 8-65259
- Hekkelman, J.W. *see* Nijweide, P.J. 8-65089
- Helbach, P. A multi-role apparatus for thinning large-area TEM foils 8-86247
- Helbig, H.F. *see* Adelmann, P.J. 8-88394
- Helbig, R. *see* Block, D. 8-80256
- Helbig, R. *see* Hummer, K. 8-52563
- Helbig, V., Lewandowski, B., Vukicevic, D. Interferometric measurement of the electron density in an arc plasma 8-67479
- Held, G. *see* Carte, A.E. 8-92911
- Held, I.M., Suarez, M.J. A two-level primitive equation atmospheric model designed for climatic sensitivity experiments 8-81348
- Held, K.D., Wahl Synek, R., Powers, E.L. Radiation sensitivity of transforming DNA 8-68995
- Heldt, J., Kowalski, A. New light source of forbidden lines 8-90112
- Helfand, E. Brownian dynamics study of transitions in a polymer chain of bistable oscillators 8-86983
- Helfrich, H. *see* Boroske, E. 8-92601
- Helfrich, W. *see* Harbich, W. 8-96028
- Helfrich, W.J. *see* Dorward, R.C. 8-88570
- Helgeson, H.C. *see* Delany, J.M. 8-69301
- Heliot, J., Vagner, J. Use of the weight function concept and the crack closing method for calculating stress intensity factors in plane or axisymmetric problems 8-67102
- Helix, M.J., Vaidyanathan, K.V., Streetman, B.G. Properties of Be-implanted planar GaAs p-n junctions 8-88022
- Hell, W. Movement parallax: an asymptotic function of amplitude and velocity of head motion 8-69088
- Hella, R.A. Material processing with high power lasers 8-80682
- Hellan, K. Debond dynamics of an elastic strip. I. Timoshenko-beam properties and steady motion 8-55604
- Hellan, K. Debond dynamics of an elastic strip. II. Simple transient motion 8-67040
- Helland, J. *see* Rosen, I. 8-53506
- Helland, J.A. *see* Amols, H.I. 8-53508
- Helland, K.N. *see* Van Atta, C.W. 8-59377
- Hellborg, R. *see* Skog, G. 8-67762
- Hellman, R.H.G. Variational solutions of non-integrable systems 8-93524
- Hellenbrand, K.H. *see* Farr, W. 8-78583
- Heller, A., Chang, K.-C., Miller, B. Photocurrent spectroscopy of semiconductor electrodes in liquid junction solar cells 8-76142

- Heller, A.S.**, Oelkers, E. Reliability predictions for a pressurized water reactor during the design process 8-54827
- Heller, E.J.** Quantum corrections to classical photodissociation models 8-55205
- Heller, E.J.** Photofragmentation of symmetric triatomic molecules: time dependent picture 8-66610
- Heller, F.** *see* Scriba, H. 8-85541
- Heller, K.**, Cox, P.T., Dworkin, J., Overseth, O.E., Skubic, P., Schachinger, L., Devlin, T., Edelman, B., Edwards, R.T., Bunce, G., Handler, R., March, R., Martin, P., Pondrom, L., Sheaff, M. Polarization of Λ 's and Λ 's produced by 400-GeV protons 8-82253
- Heller, K.** *see* Bunce, G. 8-93878
- Heller, K.** *see* Edwards, R.T. 8-82393
- Heller, M.**, Johnson, M., Koizumi, G., Burnstein, R., Nazaretz, M., Rubin, H., Plumer, R., Bober, J., Brau, J., Frank, T., Hafen, E., Marcato, P., Napier, A., Pless, I., Silverman, J., Wadsworth, B., Yamamoto, R., Centro, S., Conte, R., De Giorgi, M., Pascoli, D., Ventura, L., Zumerle, G., Ciapetti, G., Zanello, D., Zanello, L., Mayer-son, J. Test results of a 31 cm \times 31 cm lead glass electromagnetic shower detector 8-70689
- Heller, P.**, Blume, M. Low temperature spin wave dynamics in classical Heisenberg chains 8-68243
- Heller, S.R.** The MSDC/EPA/NIH mass spectral search system 8-65912
- Heller, W.** Fast precise size distributions from light-scattering extrema 8-54421
- Heller, W.G.** *see* Jordan, S.K. 8-85468
- Hellermann, M.** *von see* von Hellermann, M.
- Hellfeld, A.** *see* *see* Hellfeld, A.
- Hellige, G.** *see* Beste, K.-W. 8-73294
- Hellings, R.W.** Testing relativistic theories of gravity with spacecraft-Doppler gravity-wave detection 8-77793
- Hellion, A.** *see* Bard, C. 8-80883
- Helliwell, J.B.** On the stability of thermally radiative magnetofluidynamic channel flow—an amendment 8-55695
- Helliwell, R.A.** *see* Bell, T.F. 8-85806
- Helliwell, R.A.** *see* Inan, U.S. 8-89011
- Helliwell, W.S.** A fast implicit iterative numerical method for solving multidimensional partial differential equations 8-93519
- Hellman, R.P.** Dependence of loudness growth on skirts of excitation patterns 8-61195
- Hellmeister, H.P.**, Keinonen, J., Lieb, K.P., Rascher, R., Ballini, R., Delaunay, J., Dumont, H. Band structure of ^{78}Kr 8-74387
- Hellmeister, H.P.**, Schmidt, E., Uhrmacher, M., Rascher, R., Lieb, K.P., Pantelica, D. Recoil distance lifetime measurements in ^{69}As and ^{72}Se 8-78311
- Hellmich, R.** Finite amplitude α^2 -dynamoes with large scale incompressible circulation 8-81534
- Hellner, E.** *see* Mullen, D. 8-55857
- Hellner, E.** *see* Scheringer, C. 8-55782, 8-75616, 8-79552
- Hellwarth, R.W.** *see* Jensen, S.M. 8-90447
- Hellwarth, R.W.** *see* Weber, M.J. 8-50866
- Hellwege, A.M.** *see* Hellwege, K.H. (editor) 8-51521
- Hellwege, K.H.**, Hellwege, A.M. (editor) Landolt-Bornstein, group 3, vol.7. Crystal structure data of inorganic compounds, pt.f 8-51521
- Hellwig, H.**, Allan, D.W., Stein, S.R., Prichard, K.A. Transcontinental and intercontinental portable clock time comparison 8-57908
- Hellwig, H.** *see* Allan, D.W. 8-57912
- Hellwig, H.** *see* Garvey, R.M. 8-89596
- Hellwig, H.W.**, Allan, D.W., Stein, S.R., Prichard, K.A. Transcontinental and intercontinental portable clock time comparison 8-54345
- Hellwig, K.-E.**, Krausser, D. Propositional systems and measurements. III. Quasitensor-products of certain orthomodular lattices 8-81871
- Helm, H.** A second-order drift tube effect 8-59538
- Helm, H.**, Eilford, M.T. The mobilities of diatomic rare gas ions in their parent gases 8-63532
- Helm, H.**, Varney, R.N. On the conversion of atomic rare gas ions $X^+ (^2P_{1/2})$ into rare gas dimer ions 8-70903
- Helm, H.** *see* Varney, R.N. 8-63533
- Helm, M.** *see* Faude, D. (editor) 8-78430
- Helm, R.H.** *see* Winick, H. 8-62670
- Helman, J.S.**, Balberg, I. Influence of dynamic scattering on the critical transport properties of ferromagnetic metals 8-84239
- Helman, J.S.**, Baltensperger, W. Memory function for the response of conduction electrons in metals 8-56096
- Helman, J.S.**, Baltensperger, W. Temperature dependence of the plasma frequency in normal and magnetic metals 8-56100
- Helman, J.S.** *see* Balberg, I. 8-68004, 8-87955
- Helman, J.S.** *see* Gonzalez H, J. 8-84611
- Helman, J.S.** *see* Pena, J.L. 8-68085
- Helmberger, D.V.** *see* Burdick, L.J. 8-61363
- Helmberger, D.V.** *see* Harkrider, D.G. 8-92785
- Helmberger, D.V.** *see* Heaton, T.H. 8-92782
- Helmberger, D.V.** *see* Mellman, G.R. 8-73315
- Helmcke, J.**, Bayer-Helms, F. Estimation and investigation of instrumental frequency offsets of iodine stabilized He-Ne-lasers 8-87084
- Helmcke, J.** *see* Bayer-Helms, F. 8-87083, 8-87088
- Helmcke, J.** *see* Lee, S.A. 8-94221
- Helme, B.G.**, King, P.J. The elastic constants of iron tourmaline (schorl) 8-68718
- Helmer, R.G.**, Greenwood, R.C., Gehrke, R.J. Reevaluation of precise γ -ray energies for calibration of Ge(Li) spectrometers 8-90015
- Helmig, M.T.** *see* Nevin, J.H. 8-91352
- Helminger, P.**, De Lucia, F.C. Centrifugal distortion analysis of the ground vibrational states of H_2^{17}O and H_2^{18}O 8-70834
- Helmken, H.** *see* Apparo, K.M.V. 8-61940
- Helmken, H.** *see* Maraschi, L. 8-54092
- Helmken, H.F.** *see* Julien, P.F. 8-54093
- Helms, C.A.** *see* Toms, D.J. 8-92072
- Helms, C.R.** Surface segregation in alloys: existence of surface miscibility gaps within regular solution theory 8-71909
- Helms, C.R.** *see* Schwarz, S.A. 8-72006, 8-95240
- Helms, C.R.** *see* Spicer, W.E. 8-61130
- Helms, D.A.**, Gordy, W. 'Forbidden' millimeter-wave transitions in arsine 8-55165
- Helms, R.**, Naseband, K. A ductile fracture criterion for metals 8-60817
- Helmy El Minywal, N.** *see* Benard, J. 8-93761
- Helppi, R.K.** *see* Horacek, B.M. 8-81033
- Helsper, C.** *see* Fissan, H.J. 8-81394
- Helton, F.J.**, Wang, T.S. MHD equilibrium in non-circular Tokamaks with field-shaping coil systems 8-94930
- Helwig, J.**, Klopferpieper, A., Muser, H.E. Thermodynamic properties of the ferroelectric potassium ferrocyanide trihydrate in a molecular field model 8-64333
- Hemalatha, K.** Slow motion of a Cassinian cylinder in a viscous fluid 8-71312
- Hemenger, P.M.** *see* Dobbs, B.C. 8-76137
- Hemeway, P.D.** On the calculation of variation of latitude and national ephemerides 8-88776
- Hemila, S.** An analysis of rod outer segment adaptation based on a simple equivalent circuit 8-73157
- Hemingway, R.J.** *see* Bricman, C. 8-66179
- Hemingway, R.J.** *see* Dionisi, C. 8-89735
- Hemingway, R.J.** *see* Gavillet, P. 8-70409
- Hemingway, R.J.** *see* Gavillet, Ph. 8-89736
- Hemingway, R.J.** *see* Jongejans, B. 8-78177
- Hemingway, R.J.** *see* Kluyver, J.C. 8-82233
- Hemingway, R.J.** *see* Teodoro, D. 8-89767
- Hemkar, M.P.**, Gupta, O.P. Crystal equilibrium and phonon dispersion in lead 8-75752
- Hemkar, M.P.** *see* Gupta, O.P. 8-55920, 8-75753
- Hemkar, M.P.** *see* Kharoo, H.L. 8-59918
- Hemkar, M.P.** *see* Kumar, M. 8-51630, 8-55925, 8-59917
- Hemkar, M.P.** *see* Om Prakash Gupta 8-79688
- Hemkar, M.P.** *see* Pathak, L.P. 8-51638, 8-63818
- Hemkar, M.P.** *see* Singh, B.P. 8-79683, 8-83894
- Hemmen, J.L.** *Van see* Van Hemmen, J.L.
- Hemmen, L.** *Van see* Van Hemmen, L.
- Hemmendinger, H.** *see* Stanzola, R. 8-54429
- Hemmer, P.C.**, Velarde, M.G. Multistate steady states for the Degn-Harrison reaction scheme of a bacterial culture 8-88700
- Hemmerich, P.** *see* Bame, S.J. 8-85800
- Hemmi, Y.** *see* Toshioka, K. 8-93885
- Hemmig, F.G.** *see* Eastepe, F.E. 8-59325
- Hemminga, M.A.** *see* *see* Jager, P.A. 8-83506
- Hemminger, J.C.**, Carr, R., Somorjai, G.A. The photoassisted reaction of gaseous water and carbon dioxide adsorbed on the SrTiO_3 (111) crystal face to form methane 8-76878
- Hemmings, J.W.** *see* Kern, J. 8-90644
- Hempel, K.A.** *see* Slowak, R. 8-84411
- Hempstead, C.A.** Semiconductors 1833-1919: An historical study of selenium and some related materials 8-57727
- Hempstead, R.D.**, Krongelb, S., Thompson, D.A. Unidirectional anisotropy in nickel-iron films by exchange coupling with antiferromagnetic films 8-91907
- Henschik, H.** *see* Terukov, E.I. 8-84268
- Hemsworth, R.S.** *see* Axon, K.B. 8-67376
- Hen, M.** *see* Infeld, E. 8-83540
- Henbest, S.N.** *see* Mills, A.A. 8-88931
- Henc-Bartolic, V.**, Soldo, D. Breakdown in Ne-HCl and Ne-CH₃ mixtures 8-67553
- Henc-Bartolic, V.**, Soldo, D., Persin, A. Atomic-state densities of NeI levels and Nf values of BrII levels in Ne-Br₂ mixtures 8-62753
- Hench, L.L.**, Clark, D.E. Physical chemistry of glass surfaces 8-60854
- Hench, L.L.** *see* Onoda, G.Y. (editor) 8-56608
- Hench, T.L.** *see* Burton, L.C. 8-68080
- Henchl, V.** *see* Svoboda, J. 8-88923
- Hendee, W.R.** *see* Ahuja, A.S. 8-59171, 8-92669, 8-92708, 8-92744
- Hendee, W.R.** *see* Chaney, E.L. 8-53486
- Hendee, W.R.** *see* Gray, J.E. (editor) 8-69184
- Hendel, C.L.** *see* Yun Chung 8-84127
- Hendel, H.W.** *see* Yamada, M. 8-91096
- Henderson, A.R.** The design of non-polarizing beam splitters 8-83110
- Henderson, B.** Colour, symmetry and imperfect crystals 8-72562
- Henderson, B.**, O'Connell, D.C. The excited states of F centres in oxides 8-64006
- Henderson, B.** *see* Barklie, R.C. 8-95515
- Henderson, B.** *see* O'Donnell, K. 8-95517
- Henderson, B.H.** *see* Goodin, D.S. 8-77063
- Henderson, B.J.** *see* Bates, H.E. 8-90436
- Henderson, C.M.** *see* Dupzyk, R.J. 8-70670
- Henderson, D.** *see* Blakeslee, E.A. 8-57019
- Henderson, D.** *see* Smith, W.R. 8-79511
- Henderson, D.** *see* Snook, I.K. 8-55795
- Henderson, D.B.** *see* Strosio, M.A. 8-86686
- Henderson, F.B., III**, Ondrejka, R.J. GEOSAT: geological industry recommendations on remote sensing from space 8-69495
- Henderson, H.P.** *see* Hackett, M.E.J. 8-61279
- Henderson, J.R.**, Lekner, J. Surface oscillations and the surface thickness of classical and quantum droplets 8-91511
- Henderson, J.R.** *see* Lekner, J. 8-84015, 8-93924
- Henderson, L.F.** *see* Abd-El-Fattah, A.M. 8-51194
- Henderson, R.L.**, Gray, C.G. Perturbation theory of the pair correlation function in molecular fluids 8-55799
- Henderson, R.P.**, Webster, J.G. An impedance camera for spatially specific measurements of the thorax 8-53464
- Henderson, R.S.** *see* Roos, P.G. 8-62535
- Henderson, T.M.**, Cielaszyk, D.E., Simms, R.J., Rensel, W.B. Semiautomated analysis of radiographs of laser fusion targets 8-50309
- Henderson, T.M.** *see* Musinski, D.L. 8-58486
- Henderson, T.M.** *see* Solomon, D.E. 8-50316
- Henderson, W.R.** *see* Noxon, J.F. 8-88880
- Henderson-Sellers, A.** Numerical modelling of long-term climatic change (or can a global climate model really work?) 8-77315
- Henderson-Sellers, B.** Choice of model parameters in the numerical simulation of heat transfer processes in a reservoir 8-77290
- Hendra, P.J.** *see* Cutler, D.J. 8-72517
- Hendrich, J.**, Gotz, W. The stability of alkali silicates at high pressures 8-92251
- Hendrich, W.R.** *see* Cain, W.D. 8-50373
- Hendrick, P.L.** *see* Michel, D.J. 8-80597
- Hendricks, C.D.** Production of power plant inertial confinement fusion targets 8-58488
- Hendricks, C.D.** Automated laser fusion target production concept 8-62608
- Hendricks, C.D.** *see* Johnson, W.L. 8-60859
- Hendricks, C.D.** *see* Singleton, R.M. 8-50308
- Hendricks, C.D.** *see* Weinstein, B.W. 8-50307, 8-73975
- Hendricks, C.D.** *see* Woerner, R.L. 8-58484
- Hendrie, D.L.** *see* Doli, P. 8-70558
- Hendrie, D.L.** *see* Gelbke, C.K. 8-74399
- Hendrie, D.L.** *see* Olmer, C. 8-82379
- Hendrie, D.L.** *see* Pieper, S.C. 8-82378
- Hendry, A.** The oxidation resistance of nitrided mild steel 8-95846
- Hendry, A.W.** Analysis of pion-nucleon scattering up to 10 GeV/c 8-70403
- Hendry, E.M.** Observations of a second maximum for the very long period spectroscopic binary 5 Lacertae 8-57591
- Hendry, E.M.** Bright new spectroscopic binaries discovered from composite spectra. I. HR 6902, 9 Cygni, and HD 135774-5 8-69826
- Hendry, G.O.** *see* Waterman, F.M. 8-53509
- Hendry, J.H.** The tolerance of mouse tails to necrosis after repeated irradiation with X-rays 8-96067
- Henein, G.E.**, Hilliard, J.E. Spatial dispersion of graphite particles in cast iron [metallographic examination] 8-92419
- Heng, K.T.** *see* Cheng, S.C. 8-89961
- Heng-Rong Hang** *see* Hang Heng-Rong
- Hengrasme, S.** *see* Frost, D.C. 8-87853
- Henin, C.** *see* Donguy, J.R. 8-65335
- Henin, F.** *see* George, C. 8-89611
- Henins, A.** *see* Deslattes, R.D. 8-62280
- Henisch, H.K.**, Meyers, J.A., Callarotti, R.C., Schmidt, P.E. Switching in organic polymer films 8-84270
- Henisch, H.K.** *see* Adler, D. 8-76122
- Henisch, H.K.** *see* Manificier, J.-C. 8-60136, 8-60137
- Henke, B.L.**, Perera, R.C.C., Gullikson, E.M., Schattengruber, M.L. High-efficiency low-energy X-ray spectroscopy in the 100-500-eV region 8-49944
- Henke, B.L.**, Perera, R.C.C., Urch, D.S. Cl-L_{II,III} fluorescent X-ray spectra measurement and analysis for the molecular orbital structure of ClO_4^- , ClO_3^- , and ClO_2^- 8-70848

- Henke, J. see Ritschel, M. 8-59823
 Henke, M.D. see Migliori, A. 8-92022
 Henke, W. see Bray, R.G. 8-62239
 Henkel, J.H. see Hsing-chow Hwang 8-72071
 Henkel, J.H. see Kam-shing Kam 8-52448, 8-95261
 Henkelman, R.M., Lam, G.K.Y., Harrison, R.W., Poon, M., Shortt, K.R. Tuning of the biomedical negative pion beam line at TRIUMF 8-96113
 Henkelman, R.M. see Lam, G.K.Y. 8-73254
 Henkelman, R.M. see Shortt, K.R. 8-53513
 Henkels, W.H. Accurate measurement of small inductances or penetration depths in superconductors 8-72306
 Henkie, Z. see Blaise, A. 8-84399
 Henley, E.M. Weak interactions 8-50002
 Henley, E.M. Parity non-conservation in low energy scattering of nucleons by light nuclei. II. Results 8-66271
 Henley, E.M., Wolfenstein, L. Parity non-conservation in low energy scattering of nucleons by light nuclei. I. Theoretical framework 8-70522
 Henley, E.M. see Alberg, M.A. 8-93898
 Henley, E.M. see Cheung, C.Y. 8-89798
 Henley, R.W. Arfvedsonite in basalt dykes, Buchans, Newfoundland 8-65287
 Henmi, Z. see Suzuki, Y. 8-95469
 Henneberger, K. see Wunsche, H.-J. 8-51900
 Hennecke, R., Clegg, T.B., Haglund, R.F., Jr., Ludwig, E.J. A vector-polarized beam study of fluctuations in $^{28}\text{Si}+\text{d}$ scattering 8-54735
 Hennecke, E.W. Additional evidence for $\beta\beta$ decay of ^{128}Te 8-66250
 Hennecke, E.W., Ballard, R.V., Manuel, O.K. Fission xenon in Wausau, Wisconsin granite 8-96216
 Hennecke, E.W. see Ballard, R.V. 8-80975
 Hennecke, E.W. see Thompson, D.P. 8-85521
 Henneker, W.H., Penner, A.P., Siebrand, W., Zgierski, M.Z. Exactly solvable models for vibronic coupling in molecular spectroscopy. III. The pseudo Jahn-Teller effect 8-94234
 Henneker, W.H., Penner, A.P., Siebrand, W., Zgierski, M.Z. Resonance Raman excitation profiles and depolarization dispersion curves, and their use in the analysis of vibrationally coupled excited states 8-94249
 Henneker, W.H. see Zgierski, M.Z. 8-67778
 Hennel, A.M. On the Racah parameter B of cobalt ions in crystals 8-56110
 Hennel, A.M. see Godlewski, M. 8-76301
 Hennel, J.W., Lalowicz, Z.T. Proton spin relaxation and phonons in ammonium salts 8-84493
 Hennessey, J.P., Jr. see Peterson, E.W. 8-92912
 Hennessy, J. see Brown, G.C. 8-65240
 Hennies, D., Raymond, R.S., Anderson, L.W., Haeberli, W., Glavish, H.F. Production of polarised H^- or D^- ions by a colliding-beam method 8-55078
 Hennig, E. see Clevert, H.-D. 8-88763
 Hennig, P., Kraemer, W.P., Diercksen, G.H.F., Strey, G. SCF-CI studies on the electronic ground state of water: potential energy hyper-surface and spectroscopic constants 8-50473
 Henning, C.A.O. see Orcheson, J.N. 8-84102
 Henning, D., Weil, K.G. Microstructure changes in thin silver films 8-72013
 Henning, H. The approximate calculation of transmission probabilities for the conductance of tubulations in the molecular flow regime 8-83433
 Henning, J., Lang, H. WGC-C pumps: gas-cooled roots pumps—chemical series 8-70146
 Henning, J. see Becker, W. 8-70143
 Henning, J. see Fischer, K. 8-70145
 Henning, J.C.M., den Boef, J.H. Magnetostriction measurement by means of strain modulated ferromagnetic resonance (SMFMR) 8-76285
 Henning, J.C.M., den Boef, J.H. Strain-modulated electron spin resonance of cubic Cr^{3+} in MgO 8-88175
 Henning, J.G.M., den Boef, J.H. Reply to 'Comments on strain-modulated electron spin resonance of Co^{2+} in MgO : A comparison of extensional and flexural modes' 8-68366
 Henning, W., Eisen, Y., Korner, H.-J., Kovar, D.G., Schiffer, J.P., Vigdor, S., Zeidman, B. Optimum Q value in heavy-ion-induced neutron transfer at the Coulomb barrier 8-78413
 Henning, W. see Geesaman, D.F. 8-82404
 Henning, W. see Paul, M. 8-54800
 Henning, W. see Rehm, K.E. 8-58298
 Henning, W. see Sperr, P. 8-70562
 Henning, W. see Tabor, S.L. 8-78412
 Hennings, D. see Ihrig, H. 8-84215
 Henningsen, W.P., Schatzler, H.P., Kuhn, W. Determination of C and O and other elements by alpha-induced X-ray energy spectrometry 8-53275
 Hennion, B. see Kress, W. 8-59899
 Hennion, B. see Moussa, F. 8-88105
 Hennion, B. see Pierre, J. 8-72341
 Hennion, B. see Rousseau, M. 8-75794
 Hennion, C., Lewiner, J. A new principle for the design of condenser electret transducers 8-59231
 Hennion, F. see Adam, J. 8-71473
 Henon, M. see Hitzl, D.L. 8-61717
 Henoux, J.C., Nakagawa, Y. Dynamics of an atmosphere irradiated by soft X-rays in flares 8-65580
 Henrard, J. Hill's problem in Lunar theory 8-77473
 Henri, V.P. see Benot, M. 8-86731
 Henri, V.P. see Granet, P. 8-93913
 Henri-Rousseau, O., Texier, F. Application of the frontier molecular orbital theory to the interpretation of the Hammett correlations 8-93499
 Henrich, V.E., Dresselhaus, G., Zeiger, H.J. Chemisorbed phases of O_2 on TiO_2 and SrTiO_3 8-72684
 Henrich, V.E., Dresselhaus, G., Zeiger, H.J. Surface defects and the electronic structure of SrTiO_3 surfaces 8-84273
 Henrich, V.E., Zeiger, H.J., Reed, T.B. Ultraviolet photoemission measurements of the band structure of TiO_2 ($0.93 \leq x \leq 1.15$) 8-72698
 Henrich, V.E., Zeiger, H.J., Solomon, E.I., Gay, R.R. Explanation of the 6-fold LEED patterns from polar (0001) and (0001) ZnO surfaces 8-71920
 Henrich, V.E. see Ellialtioglu, S. 8-88011
 Henrichs, H.F., Staller, R.F.A. Has the Sun really got a companion star? 8-57475
 Henrichs, P.M., Schwartz, L.J. Selective excitation transfer and separated relaxation measurements of degenerate transitions in NMR spectroscopy 8-80235
 Henriksen, K., Holbak, B., Witt, G. Sky background measurements in the 4800-5800-Å region at the latitude of the polar cleft 8-85755
 Henriksen, L. see Betteridge, D. 8-53300
 Henriksen, R.N., Wesson, P.S. Self-similar space-times. I. Three solutions 8-54098
 Henriksen, R.N., Wesson, P.S. Self-similar space-times. II. Perturbation scheme 8-54099
 Henrion, J. see Balogh, A. 8-85791
 Henrion, P.N.J., Claes, W. Thermal conductivity measurements in charcoal beds near room temperature 8-63889
 Henry, A., Le Moal, M.F., Cardinet, Ph., Valentin, A. Overtone bands of $^{14}\text{N}^{16}\text{O}$ and determination of molecular constants 8-58652
 Henry, A. see Valentin, A. 8-58651
 Henry, B.R. see Greenlay, W.R.A. 8-78688
 Henry, C.H., Logan, R.A. Effect of interface recombination at $\text{AlGa}_{1-x}\text{As}$ p-n junction perimeters on photoluminescence and current 8-95346
 Henry, C.H., Logan, R.A., Merritt, F.R. The effect of surface recombination on current in $\text{AlGa}_{1-x}\text{As}$ heterojunctions 8-72246
 Henry, C.N. see Dowdy, E.J. 8-82527
 Henry, J.N., Henry, M.S., Taylor, D.C. An application of the Roberts' minimal degree algorithm to initial value problems 8-89311
 Henry, L. see Favennec, P.N. 8-55884
 Henry, M.O., Lightowers, E.C. Excitation density dependence of the luminescence from bound multi-exciton complexes in phosphorus doped silicon 8-72609
 Henry, M.S. see Henry, J.N. 8-89311
 Henry, R. see Stevenson, R. 8-80800
 Henry, R.C., Anderson, R., Feldman, P.D., Fastie, W.G. Far-ultraviolet studies. III. A search for light scattered at large angles by dust 8-65726
 Henry, R.C., Feldman, P.D., Fastie, W.G., Weinstein, A. Far-ultraviolet studies. IV. Spectroscopy of north and south galactic pole regions observed from Apollo 17 8-93401
 Henry, R.C. see Brune, W.H. 8-81482
 Henry, R.C. see McClintock, W. 8-81620
 Henry, R.C. see Snyder, W.A. 8-54013
 Henry, R.D. see SooHoo, J. 8-56534
 Henry, R.D. see Whitcomb, E.C. 8-66852
 Henry, R.E. see Shi-chune Yao 8-90692
 Henry, R.E. see Yao, S.C. 8-94587
 Henry, R.J.W., Van Wyngaarden, W.-L., Matese, J.J. Excitation of Be^+ by electron impact 8-55247
 Henry, R.M. see Ryan, J.A. 8-89096
 Henry, W.G. see Crisp, R.S. 8-84196
 Hensberge, H., Sterken, C., van der Linden, Th., Hammerschlag-Hensberge, G. Photometry of silicon stars. II 8-96487
 Henschel, H., Schmidt, R. A direct measurement of plasma delays in surface barrier detectors 8-58546
 Henschel, H. see Hannappel, L. 8-58547
 Henschen, G. see Arnold, F. 8-88877, 8-96274
 Hensel, F. see Nicoloso, N. 8-84187
 Hensel, F. see Overhof, H. 8-76581
 Hensel, F. see Weser, G. 8-88320
 Hensel, H.J., Plieth, W.J. Surfaces which are irradiated by laser light—an estimation of their temperature rise 8-68580
 Hensel, H.-J. see Plieth, W.J. 8-84551
 Hensel, P.C. see Eve, M. 8-50928
 Hensen, T.H., McClain, F.W. Numerical parameter study of stability against resistive axisymmetric modes for doublets 8-79421
 Henshall, J.L., Rowcliffe, D.J., Edington, J.W. The measurement of K_{IC} and subcritical crack propagation rates in hot pressed SiC and Si_3N_4 8-72880
 Henslee, S.P., Margolis, W.S., Johnson, R.M., Wiseman, C.D. A gnomonic method for the indexing of field ion micrographs 8-82078
 Hensley, D.C. see Goodman, C.D. 8-50170
 Hensley, D.C. see Gross, E.E. 8-66204
 Hensley, D.C. see Sarantides, D.G. 8-50208
 Hensley, D.C. see Satchler, G.R. 8-58295
 Hensley, D.C. see Westerberg, L. 8-70484
 Hensley, W.K. see Gladney, E.S. 8-61087
 Henson, A.M., Thomas, R.H. Measurements of the efficiency of ^7LiF thermoluminescent dosimeters of heavy ions 8-53504
 Henson, B.L. Ion mobilities in pure water vapour at saturation 8-75252
 Henson, B.L. see Lee, L.J. 8-61472
 Henson, R.M., Zeyfang, R.R., Linhart, E. Pyroelectric properties of $\text{Pb}(\text{Ti}, \text{Zr}, [\text{Fe}_{1/2}\text{Ta}_{1/2}])\text{O}_3$ polycrystalline solid solutions 8-52447
 Hentela, R., Keinonen, J. Angular distribution measurements of gamma rays from unbound $T=1$ states in ^{22}Na 8-62504
 Henyey, F.S. see Celmaster, W. 8-78091
 Henze, W., Jr. see Krall, K.R. 8-53913
 Henze, W., Jr. see Teuber, D.L. 8-53904
 Henzler, M. Quantitative evaluation of random distributed steps at interfaces and surfaces 8-63912
 Henzler, M. see Schulze, G. 8-63913
 Hepburn, F. Discriminating between types of pacemaker lead failure 8-53570
 Hepburn, J.W., Le Roy, R.J. On calculating phase shifts and performing fits to scattering cross sections or transport properties 8-78767
 Hepler, L.G. see Johnson, L.H. 8-53236
 Hepp, V. see Hansl, T. 8-74244, 8-89698, 8-89860
 Hepp, V. see Holder, M. 8-55103
 Heppenheimer, T.A. On the formation of planets in binary star systems 8-61883
 Heppenheimer, T.A. On the topography of extrasolar Earthlike planets 8-61889
 Heppenheimer, T.A. On the infeasibility of interstellar ramjets 8-81520
 Heppke, G., Oestreich, F. Determination of the cholesteric screw sense 8-67643
 Heppke, G. see Bock, M. 8-76068
 Heppke, G. see Engelen, B. 8-94987
 Heppner, H.-D. see Kutschera, J. 8-88761
 Heppner, J. Far infrared laser resonator for TEM_{00} mode operation 8-66847
 Heppner, J.P., Bielecki, E.A., Aggson, T.L., Maynard, N.C. Instrumentation for DC and low-frequency electric-field measurements on ISEE-A 8-85807
 Heppworth, A. see Bahadur, H. 8-88255
 Heral, T., Ejima, M., Yoshida, K., Miyachi, K., Ike, H. Frictional surface damage and its mechanism in metal sheets 8-76768
 Herakovich, C.T., Wong, D.M. Influence of residual stresses on the tensile strength of composite-metal sandwich laminates 8-60703
 Herb, S.W. see Vidal, R. 8-89877
 Herb, S.W. see Yoh, J.K. 8-82344
 Herbach, O. see Fleischer, G. 8-61008
 Herbeck, R. see Gramlich, V. 8-78847
 Herbelin, J.M., Kwok, M.A., Spencer, D.J. The chemistry and scale-up of the NF system 8-63103
 Herbelin, J.M., Kwok, M.A., Spencer, D.J. Enhancement of $\text{NF}(\text{b}^1\Sigma^+)$ by iodine laser pumping 8-63105
 Herbelin, J.M., Kwok, M.A., Spencer, D.J. Enhancement of $\text{NF}(\text{b}^1\Sigma^+)$ by iodine laser pumping 8-79012
 Herbelin, J.M. see Kwok, M.A. 8-63104
 Herber, R.H., Smelkinson, A.E., Sienko, M.J., Schneemeyer, L.F. Lattice dynamics in covalent solids: Sn in $\text{SnS}_{2-x}\text{Se}_x$ ($0 \leq x \leq 2$) 8-71809
 Herberg, G., Laufer, W. Survey of the present state of testing of austenitic welds 8-53068
 Herbert, D.C., Dean, P.J., Venghaus, H., Pfister, J.C. Band parameters for zinc telluride from bound exciton and donor-acceptor pair excitation luminescence 8-92111
 Herbert, F., Sonett, C.P. Primordial metamorphism of asteroids via electrical induction in a T Tauri-like solar wind 8-69728
 Herbert, M.L., Cleland, W.E., Cooper, W.E., Dris, M., Engels, E., Jr., Kraus, D.E., Thompson, J.A., Lowenstein, D. Measurement of $\Sigma^- \rightarrow \text{Ac}^- \nu$ and $\Xi^- \rightarrow \text{Ac}^- \nu$ branching ratios 8-54631
 Herbert, T. Calculation of flow between two concentric rotating spherical surfaces 8-94751
 Herberts, P. see Almstrom, C. 8-57127
 Herbertz, J. The influence of mechanical vibrations on plastic deformation of metals 8-60722

- Herbet, P.** *see* Damelincoourt, J.J. 8-59705, 8-67471, 8-87532
- Herbsleb, G.,** Schwaab, P. Fundamentals of the potentiostatic development of structures using high-alloy steels as an example 8-95887
- Herbsleb, P.** *see* Albrow, M.G. 8-58214
- Herbst, E.** What are the products of polyatomic ion-electron dissociative recombination reactions? 8-57604
- Herbst, E.** *see* Sullivan, J.P. 8-53192
- Herbst, L.,** Nussinov, S. Form factors of states bound by attractive potentials 8-58187
- Herbst, I.W.,** Simon, B. Stark effect revisited 8-70785
- Herbst, I.W.,** Simon, B. Some remarkable examples in eigenvalue perturbation theory 8-93558
- Herbst, J.F.,** Watson, R.E., Wilkins, J.W. Relativistic calculations of 4f excitation energies in the rare-earth metals: Further results 8-72117
- Herbst, J.F.** *see* Waclawski, B.J. 8-80457
- Herbst, W.,** Racine, R., Warner, J.W. Optical and infrared properties of the newly formed stars in Canis Major R1 8-93332
- Hercher, M.** Virometer—an instrument for the measurement of the size of viruses using an optical microscope 8-61296
- Hercher, M.,** Mueller, W., Klainer, S., Adamowicz, R.F., Meyers, R.E., Schwartz, S.E. An efficient intracavity laser Raman spectrometer 8-65973
- Hercules, D.M.** Quantitative surface analysis using ESCA 8-53298
- Herd, S.R.** Phase separation as source of perpendicular anisotropy in amorphous GdCo 8-64244
- Herda, K.** On the performance of the TRANS-MARK laser point transfer machine 8-81438
- Herenz, A.** *see* Schatt, W. 8-63881
- Hereward, H.G.** Landau damping 8-78887
- Hereward, H.G.** Statistical phenomena—theory 8-78888
- Herfort, P.,** True, H. Bifurcation and non-linear stability of solutions of the quasi-geostrophic equation 8-57242
- Hergt, R.,** Gornert, P. Growth rate anisotropy and kinetic coefficients of vicinal faces at LPE garnet films. I. Growth rate anisotropy 8-51846
- Hergt, R.** *see* Gornert, P. 8-63954
- Hering, B.,** Muller, R. Shape analysis of fast pulses out of a broad pulse height spectrum 8-70710
- Hering, H.** Minimal moment conditions in the limit theory for general Markov branching processes 8-89404
- Hering, P.** *see* Bergmann, K. 8-62887, 8-86968
- Hering, W.** *see* Alder, J.C. 8-62576
- Herion, J.,** Seggern, J. Diffusion of Cs into high temperature alloys (an investigation by scanning Auger electron microscopy and secondary ion mass spectrometry) 8-84008
- Herley, P.J.,** Irwin, R.H. A preliminary study of the thermal and photolytic decomposition of aluminium hydride powder 8-92472
- Herli, E.** Remarks on stationary axially symmetric vacuum solutions in Einstein's general theory of relativity 8-81903
- Herm, R.R.** *see* Freedman, A. 8-68883
- Herm, R.R.** *see* Parr, T.P. 8-64842
- Herman, C.J.** *see* Shapiro, M.B. 8-73290
- Herman, F.** Scattered wave calculations of monomers and dimers of tetraselenafulvalene (TSeF) 8-50465
- Herman, F.,** Kasowski, R.V. Electronic structure of the (110) Ge-GaAs superlattices and interfaces 8-52065
- Herman, G.T.** Fast image reconstruction based on a Radon inversion formula appropriate for rapidly collected data 8-77109
- Herman, G.T.,** Liu, H.K. Dynamic boundary surface detection 8-53479
- Herman, G.T.** *see* Altschuler, M.D. 8-77111
- Herman, H.** *see* Agarwal, S.C. 8-68698
- Herman, H.** *see* Duxbury, G. 8-55372
- Herman, I.P.,** Javan, A., Field, R.W. Observation of infrared-optical double resonance in NO₂ 8-55188
- Herman, J.R.** The radio noise environment in near space: a review 8-89034
- Herman, J.R.** *see* Ainsworth, J.E. 8-89094
- Herman, L.C.** *see* Kemp, J.C. 8-89274
- Herman, L.C.** *see* Rudy, R.J. 8-53989
- Herman, M.F.,** Freed, K.F., Yeager, D.L. Shake-up peak positions and intensities by many-body theory methods 8-86910
- Herman, M.F.** *see* Yeager, D.L. 8-82611
- Herman, M.V.** *see* Teichholz, L.E. 8-80938
- Herman, R.H.** *see* Bratteli, O. 8-49630
- Herman, R.M.** On tenure and postdoctoral appointments 8-61964
- Herman, W.N.,** Havas, P. Approximately relativistic Lagrangians for classical interacting point particles. III 8-70048
- Herman, Z.** Dynamics of reactive and charge transfer collisions between ions and molecules 8-62914
- Herman, Z.** *see* Zulicke, L. 8-64833
- Hermann, A.M.** *see* Somoano, R.B. 8-68023
- Hermann, C.,** Weisbuch, C. Optical detection of CESR in semiconductors 8-80251
- Hermann, C.** *see* Cavenett, B.C. 8-80252
- Hermann, C.** *see* Tsang, J.C. 8-60439
- Hermann, J.** *see* Martin, P.J. 8-70917
- Hermann, J.A.** Steady-state pulses in degenerate swept-gain amplifiers 8-87033
- Hermann, K.,** Bagus, P.S. Cluster studies of the interaction of oxygen with the lithium (100) surface 8-71978
- Hermann, K.** *see* Noffke, J. 8-52055
- Hermann, K.** *see* Pacansky, J. 8-86781
- Hermann, O.W.** *see* Bertini, H.W. 8-70498
- Hermann, P.** On the theory of time-invariant Maxwell equations in fields of arbitrary dimensions and over arbitrary ranges 8-90336
- Hermann, R.** Critical aperture openings in the reproduction of mismatch moire gratings 8-78014
- Hermann, R.** *see* Wegmann, H.M. 8-85813
- Hermanns, F.,** Kestemont, E. Non-Markovian effects in dielectric relaxation 8-52434
- Hermans, L.J.F.** *see* Eggermont, G.E.J. 8-51199, 8-51200, 8-71400
- Hermans, P.W.** *see* Eggermont, G.E.J. 8-71400
- Hermans, W.C.** *see* Donnelly, T.W. 8-66268
- Hermanska, J.** *see* Galan, P. 8-57075
- Hermanson, J.** *see* Schwalb, W. 8-91749
- Hermansson, L.** *see* Rouf, M.A. 8-67658
- Hermes, W.** *see* Dizdarglu, M. 8-85290
- Hermoch, V.** On the radial distribution of atoms in an oxygen glow discharge 8-67501
- Hermoch, V.,** Djakov, B.E. On the particle flux emitted from a vacuum arc 8-75470
- Hermoch, V.** *see* Djakov, B.E. 8-87546
- Hermosin, A.** *see* Simonet, W. 8-68218, 8-95474
- Hermesen, W.** *see* Buccheri, R. 8-85966
- Hermesen, W.** *see* Swanenburg, B.N. 8-93454
- Hernandez, A.** *see* Chamorro, A. 8-81833
- Hernandez, E.** *see* Soler, A.M. 8-88891
- Hernandez, G.** Analytical description of a Fabry-Perot spectrometer. IV. Signal noise limitations in data retrieval; winds, temperature, and emission rate 8-93763
- Hernandez, L.C.** *see* Paez, R. 8-68358
- Hernandez C.,** I. *see* Tsu, R. 8-92077
- Hernandez-Cocoletzi, G.** *see* Halevi, P. 8-84276
- Hernando, J.,** Barandiaran, J.M. Circular magnetisation measurement in ferromagnetic wires 8-70167
- Hernando, J.G.** Program reliability and its effect on the use of processors in nuclear plants 8-58369
- Herndon, J.M.** Re-evaporation of condensed matter during the formation of the solar system 8-85864
- Herndon, J.M.,** Herndon, M.A. Aluminum-26 as a planetoid heat source in the early solar system 8-65511
- Herndon, M.A.** *see* Herndon, J.M. 8-65511
- Herndon, W.C.,** Ellzey, M.L., Jr., Raghuvver, K.S. Topological orbitals, graph theory, and ionization potentials of saturated hydrocarbons 8-82615
- Hermegger, F.** *see* Friedmann, H. 8-88924
- Hernig, G.** *see* Vahldieck, J. 8-85158
- Hernqvist, K.G.** The hydrogen dissociator [H maser] 8-87034
- Hero, H.** *see* Kilebu, M. 8-60731
- Herold, D.** *see* Tomaselli, M. 8-89794
- Herold, R.** *see* Leib, K.G. 8-94371
- Heron, I.,** Berg, K. Photosensitized electron transport across phospholipid vesicle walls 8-80787
- Heron, M.L.,** Rose, R.J. A resolution limitation on sea-echo radar spectra inferred from point to point ionospheric Doppler broadening 8-81489
- Heron, M.L.,** Rose, R.J. The accuracy of frequency standards disseminated by HF radio paths through the ionosphere 8-93027
- Heroux, L.** *see* McMahon, W.J. 8-77379
- Herquet, P.** *see* Baland, J.F. 8-93911
- Herquet, P.** *see* Benot, M. 8-86731
- Herquet, P.** *see* Chadwick, G.B. 8-66175
- Herr, H.** *see* Althoff, K.H. 8-66125
- Herr, H.** *see* Bregman, M. 8-89768
- Herr, H.** *see* Carron, G. 8-90006
- Herr, K.C.** *see* Grimmer, D.P. 8-52683
- Herr, W.** *see* Michel, R. 8-66283
- Herr, W.** *see* Thiel, K. 8-62679
- Herrera, I.** Theory of connectivity for formally symmetric operators 8-49651
- Herrera, R.** *see* Burghardt, B. 8-90029
- Herreros Usher, O.** *see* Wasilevsky, C. 8-50182
- Herriau, J.P.,** Huignard, J.P., Aubourg, P. Some polarisation properties of volume holograms in Bi₁₂SiO₂₀ crystals and applications 8-74859
- Herriau, J.P.** *see* Huignard, J.P. 8-90372
- Herrick, D.L.** A vertical slotted cylinder array for subsurface moisture profiling 8-65939
- Herrick, D.R.** l-changing electron impact cross sections for high Rydberg atoms with applications to helium experiments 8-62922
- Herring, L.** *see* Morris, J.B. 8-54852
- Herring, S.** *see* Cook, D.L. 8-74475
- Herrlander, C.J.** *see* Bergstrom, I. 8-78307
- Herrlander, C.J.** *see* Horn, D. 8-54792
- Herrmann, A.,** Schumacher, E., Woste, L. Preparation and photoionisation potentials of molecules of sodium, potassium, and mixed atoms 8-55268
- Herrmann, D.** Transport properties of high-temperature air 8-71577
- Herrmann, F.,** Bilal, B.A. Determination of the mobilities and stability constants of complex ions by means of counter-current ion migration 8-56900
- Herrmann, F.,** Ungerer, K. Computerized tomography 8-53480
- Herrmann, F.** *see* Fodar, I. 8-82332
- Herrmann, F.** *see* Fodor, I. 8-70504
- Herrmann, G.** *see* Adeli, H. 8-63385
- Herrmann, G.** *see* Franz, G. 8-89924
- Herrmann, G.** *see* Schadel, M. 8-78408
- Herrmann, G.** *see* Zendel, M. 8-70674
- Herrmann, H.** *see* Werner, C. 8-73489
- Herrmann, J.** Correlation between Stokes and anti-Stokes radiation and the effect of phase modulation in stimulated Raman scattering of ultrashort pulses in a dispersive medium 8-50857
- Herrmann, J.** Shaping and shortening of ultrashort light pulses by an optical controlled absorber in an excited level 8-87106
- Herrmann, J.,** Paerschke, H., Susse, K.E., Welsch, D.-G., Wilhelm, B. The influence of relaxation mechanisms on absorption profiles 8-58664
- Herrmann, J.,** Palme, M., Susse, K.-E. The influence of phase fluctuations and phase modulation on two-photon fluorescence 8-50570
- Herrmann, K.,** Fleck, A. Thermal fracture in compound materials 8-75103
- Herrmann, K.,** Fleck, A. An elastoplastic crack model for a residually-stressed two-phase medium, allowing for hardening and softening in the flow zone 8-90790
- Herrmann, K.,** Wurzer, W. Using combined length- and angle-measurements in standard spur-gear measuring procedures 8-77855
- Herrmann, K.H.** *see* Galeskii, F. 8-80409
- Herrmann, N.,** Siefer, J. The convergence of mesh analysis processes 8-87257
- Herrmann, R.** *see* Braune, W. 8-87908
- Herrmann, R.** *see* Kraak, W. 8-76120
- Herrmann, R.** *see* Olegart, G. 8-80014
- Herrmann, R.B.** A note on causality problems in the numerical solution of elastic wave propagation in cylindrical coordinate systems 8-88798
- Herrmann, U.** *see* Chan, S.-K. 8-76928
- Herrmann, W.,** Gross, M. Evaluation of computational techniques for LMFBR safety analyses 8-66355
- Herrmann, W.,** Lawrence, R.J. The effect of material constitutive models on stress wave propagation calculations 8-90769
- Herrmann-Erlee, M.P.M.** *see* Nijweide, P.J. 8-65089
- Herrmann-Ronzaud, D.,** Burlet, P., Rossat-Mignod, J. Equivalent type-II magnetic structures: CoO, a collinear antiferromagnet 8-56296
- Herrmann-Ronzaud, D.** *see* Radhakrishna, P. 8-76289
- Herron, J.T.** *see* Huie, R.E. 8-58859
- Herron, M.M.** *see* Weiss, H.V. 8-77303
- Herron, R.E.** Three-dimensional displays in biostereometrics 8-81010
- Hers, J.** Controlled frequency supply for a telescope drive 8-61746
- Herschbach, D.R.** *see* Case, D.A. 8-80730
- Herscovici, C.** *see* Beserman, R. 8-76475
- Herscovitz, V.E.** *see* Mors, P.M. 8-54762
- Hersh, L.T.,** Barr, R.C., Spach, M.S. An analysis of transfer coefficients calculated directly from epicardial and body surface potential measurements in the intact dog 8-92614
- Hershey, H.C.** *see* Brodkey, R.S. 8-59379
- Hershey, J.L.** Parallax and astrometric orbit of G24-16 from the Sproul plate series 8-53983
- Hershkovitz, N.** *see* Lang, A. 8-94929
- Hershler, C.,** Milner, M. An optimality criterion for processing electromyographic (EMG) signals relating to human locomotion 8-92612
- Herskind, B.** *see* Delaplanque, M.A. 8-93963
- Herskind, B.** *see* Tjorn, P.O. 8-54795
- Hersman, M.S.** *see* Goodwin, F.E. 8-96324
- Herstad, O.** *see* Urnes, S. 8-79533
- Herstein, I.N.** A remark on division rings with involution 8-89296
- Hertel, P.** *see* Grosse, H. 8-82602
- Hertlein, R.,** Weissmann, R., Muller, K. Calculation of the angular dependence of the multi-center Auger matrix element 8-92151
- Hertogen, J.** *see* Morgan, J.W. 8-69755
- Hertogen, J.** *see* Palme, H. 8-57208
- Hertz, H.G.,** Mills, R. Velocity correlations in aqueous electrolyte solutions from diffusion, conductance and transference data. Applications to concentrated solutions of 1:2 electrolytes 8-85166

- Hertz, H.G.** *see* Capparelli, A.L. 8-95919, 8-95920
- Hertz, J.A., Klemm, R.A.** Critical dynamics of a Heisenberg spin-glass 8-60295
- Hertz, P., Joss, P.C., Rappaport, S.** X-ray transfer in binary systems: a Monte Carlo study 8-93463
- Hertzberg, A.** *see* Quimby, D.C. 8-70641
- Hertzberg, R.W., Mason, J.A., Skibo, M.D.** Correlation between fatigue fracture properties and viscoelastic damping response in engineering plastics 8-52993
- Hertzberg, R.W.** *see* Skibo, M.D. 8-76762
- Herve, A.** *see* Block, D. 8-80256
- Hervet, H., Rondelez, F., Urbach, W.** Experimental study of thermal diffusivity in nematic and smectic phases 8-94977
- Hervet, H., Urbach, W., Rondelez, F.** Mass diffusion measurements in liquid crystals by a novel optical method 8-59738
- Hervet, H.** *see* Rondelez, F. 8-94991
- Hervet, H.** *see* Urbach, W. 8-76483
- Herwig, K.R.** *see* Beierwaltes, W.H. 8-65118
- Herynek, I.** *see* Dzhabinova, M. 8-89762
- Herynek, I.** *see* Ermilova, D.I. 8-62468
- Herz, A.H.** *see* Gardner, W.L. 8-62254
- Herz, D.** *see* Wenzel, U. 8-92587
- Herz, R., Kronmuller, H.** Field-induced phase transitions in the helical state of dysprosium 8-72349
- Herzen, R.P.** *see* Von Herzen, R.P.
- Herzenberg, A.** Strong excitation of nuclear motions in electron-molecule collisions 8-58849
- Herzenberg, C.** *see* Duffey, D. 8-85265
- Herzenberg, L.** *see* Stovel, R.T. 8-77161
- Herzig, C.** *see* Peltner, H.E. 8-79783
- Herzig, Ch., Peltner, H.E.** Electromigration and residual resistivity of cobalt in gold 8-71881
- Herzig, Ch.** *see* Stracke, E. 8-71882
- Herzig, P., Neckel, A.** Expansion of the Madelung parameter in terms of multipole moments and as a function of the ratio of two lattice parameters 8-75618
- Herzog, P., Krien, K., Soares, J.C., Folle, H.-R., Freitag, K., Reuschenbach, F., Reuschenbach, M., Trzcinski, R.** Anomalous high electric field gradients for Hg in Zn, Cd and Re below 0.05K 8-72442
- Hesketh, R.V.** No 'direct force' in electromigration 8-83993
- Hesolowska, G.** *see* Truszkowska, K. 8-72617
- Hesp, H.M.M.** *see* Langelaar, J. 8-62813
- Hesp, R.** The feasibility of using a liquid-filled Cerenkov counter for gamma-ray counting of large samples 8-53491
- Hess, G.B.** Depression of superfluid density by velocity in liquid ^4He 8-51760
- Hess, G.B.** *see* Broulik, B.M. 8-59987
- Hess, H.** *see* Dienemann, H. 8-71505, 8-87466
- Hess, H.D.** *see* Berthold, R. 8-65403
- Hess, J.M., Nguyen, P.H., Lepley, B., Ravelet, S.** Barrier height study on Au-InP Schottky diodes 8-52088
- Hess, K.** Hot electron transport in MOS structures 8-60221
- Hess, K.** *see* Neugebauer, T. 8-60225
- Hess, P.** *see* Ahrens-Botzong, R. 8-63529
- Hess, R.** *see* Besset, D. 8-62422
- Hess, R.F., Howell, E.R.** The influence of field size for a periodic stimulus in strabismic amblyopia 8-65003
- Hess, R.F., Howell, E.R., Kitchin, J.E.** On the relationship between pattern and movement perception in strabismic amblyopia 8-65027
- Hess, R.F.** *see* Howell, E.R. 8-65002
- Hess, S.L.** *see* Ryan, J.A. 8-89096
- Hess, T.G.** Nicrosil-Nisil: high-performance thermocouple alloys 8-49831
- Hess, V.** *see* Gatzmanga, H. 8-88676
- Hess, W., Klein, R.** Dynamical properties of colloidal systems. I. Derivation of stochastic transport equations 8-93609
- Hessberger, F.** *see* Backe, H. 8-50197, 8-62873
- Hesse, E.** Resistivity measurement of thin doped semiconductor layers by means of four point-contacts arbitrarily spaced on a circumference of arbitrary radius 8-51983
- Hesse, H.** *see* Betzler, K. 8-63152
- Hesse, K.-F.** *see* Bissert, G. 8-51484
- Hesse, M.** *see* Bardet, R. 8-70634
- Hesse-Bezot, C.** *see* Bezot, P. 8-50702
- Hessel, A., Peng, S.T., Shmoy, J.** Blazing of rectangular bar transmission gratings 8-62993
- Hessel, M.M.** *see* Kusch, P. 8-62837
- Hessel, M.M.** *see* Lam, L.K. 8-66638
- Hessel, M.M.** *see* Stock, M. 8-63090, 8-70864
- Hesselbacher, K.H.** *see* Beaty, E.C. 8-62924
- Hesselbom, H.** *see* Janney, R. 8-56221
- Hesselink, H.A.** *see* Bron, J. 8-54719
- Hesselink, W.H., Wiersma, D.A.** Picosecond photon echoes detected by optical mixing 8-71155
- Hesselink, W.H.A., Bron, J., Van Der Kam, P.M.A., Paar, V., Van Poelgeest, A., Zephat, A.G.** Band structure and hole-core coupling in ^{111}In 8-58249
- Hesser, J.E.** Spectral inhomogeneities in faint 47 Tucanae stars 8-93340
- Hesser, J.E.** *see* Warren, W.H., Jr. 8-77582
- Hessler, J.P., Wagner, F., Jr., Williams, C., Carnall, W.T.** Experimental studies of potential rare earth vapor phase laser systems 8-66812
- Hessler, J.P.** *see* Caird, J.A. 8-63075
- Hessler, J.P.** *see* Carnall, W.T. 8-62799
- Hessvedt, E.** *see* Hov, O. 8-61514
- Hester, R.E.** A Cassegrain collector with unusually high light grasp 8-78000
- Hester, R.E.** *see* Lauer, E.J. 8-83544
- Hesto, P.** Tunnelling effect through a thin insulating metal-insulator-metal structure 8-80068
- Hetherington, E.L.R.** *see* Boyd, R.E. 8-61241
- Hetherington, J.H.** Vacancy bandwidth in BCC ^3He as determined by specific heat 8-79854
- Hetherington, J.H.** *see* Borysowicz, J.R. 8-78248
- Hetherington, N.S.** Astronomy and civilization in the time of Aryabhata I 8-89289
- Hetzel, G.** The high-frequency surgery unit Radiotom 704-nucleus of a new electrosurgery system 8-73292
- Hetzler, U., Wurfel, P.** Charge compensation in vacuum-cleaved ferroelectric triglycine sulfate (TGS) 8-95556
- Heubel, J.G.** *see* Hawke, P.S. 8-95315
- Heudorfer, W., Marowsky, G., Tittel, F.K.** Optical gain and saturation considerations of organic dyes 8-94393
- Heuer, A.H.** *see* Evans, A.G. 8-60771
- Heuer, A.H.** *see* Nord, G.L., Jr. 8-65517
- Heuer, R.D.** *see* Bartel, W. 8-89695
- Heugten, W.** *see* van Heugten, W.
- Heugten, W.F.W.M.** *see* van Heugten, W.F.W.M.
- Heugten, W.F.W.M.** *see* van Heugten, W.F.W.M.
- Heui Li Huang, Jong Shii Yang** Divacancy contribution to impurity diffusion in noble metals 8-79812
- Heumann, E., Kapp, I., Triebel, W., Wilhelm, B.** Investigation of dissociation processes in dissolved I_2 -molecules with a mode-locked ruby laser 8-90240
- Heumann, E., Schubert, D., Triebel, W., Wilhelm, B.** Ultra short-time spectrophotometer 8-89523
- Heumann, E., Triebel, W., Wilhelm, B.** Laser-excited kinetic processes in solutions and their measurement 8-82049
- Heumann, T., Dreyer, K.** On the purification of solid metals by electrotransport 8-51745
- Heumann, T., Wulff, H.** Influence of grain boundaries on the high temperature creep of pure metals and the possibilities of quantitative evaluation 8-72812
- Heuret, M.** *see* Gobeau, J. 8-75763, 8-80327
- Heurtel, A.** *see* Maugis, D. 8-64706
- Heus, R.J.** *see* Delcet, J. 8-72159
- Heus, R.W.** *see* Schwartz, F.C. 8-62207
- Heusch, B.** *see* Baumann, P. 8-74386
- Heusch, B.** *see* Coffin, J.P. 8-66311
- Heusch, C.A.** *see* Bunnell, K. 8-74258
- Heusch, C.A.** *see* Carroll, J. 8-89874
- Heusch, C.A.** *see* del Papa, C. 8-74264
- Heuss, K., Rado, M.** Ultrasound in radiation planning 8-53463
- Heusse, P.** *see* Alibras, P. 8-50026
- Hespe, P.** *see* Baland, J.F. 8-93911
- Hesser, C.J.** *see* Stuiwer, M. 8-77284
- Heuvel, E.P.J.** *see* van den Heuvel, E.P.J.
- Heuvel, M.** *see* van Heuvel, M.
- Hevesi, J., Kozma, L.** The influence of the environment on the luminescence of dissolved dye molecules 8-84622
- Hevezi, J.M.** *see* Kaufman, H.H. 8-85363
- Hewat, A.W.** *see* Boysen, H. 8-55940
- Hewat, A.W.** *see* Nemes, R.J. 8-80307
- Hewish, A.** *see* Readhead, A.C.S. 8-96376
- Hewitt, G.** *see* Driscoll, J.N. 8-92561
- Hewitt, H.C.** *see* Pitts, D.R. 8-90979
- Hewitt, J.E., Hughes, L., Baum, J.W., Kuehner, A.V., McCaslin, J.B., Rindi, A., Smith, A.R., Stephens, L.D., Thomas, R.H., Griffith, R.V., Welles, C.G.** Ames collaborative study of cosmic ray neutrons: mid-latitude flights 8-53538
- Hewitt, P.A.** *see* Thompson, M. 8-90231
- Hewitt, R.C.** *see* Citrin, P.H. 8-66562, 8-71952, 8-84679
- Hewitt, R.R., MacLaughlin, D.E.** Nuclear spin relaxation in the quadrupole spectrum of antimony metal 8-91984
- Hewitt, R.R.** *see* MacLaughlin, D.E. 8-68391
- Hewlett, P.C.** *see* Savage, R.J. 8-56847
- Hewlett, P.J., Pearson, S.A.** Simple e.c.g. arrhythmia simulator 8-61270
- Hewson-Browne, R.C., Kendall, P.C.** Some new ideas on induction in infinitely-conducting oceans of arbitrary shapes 8-61318
- Hey, A.J.G., Morgan, D.** Meson spectroscopy 8-74228
- Hey, J.D.** On the variation of spectral line widths within Stark-broadened multiplets 8-91073
- Hey, M.J.** *see* Eley, D.D. 8-76930, 8-95995
- Heyde, K., Waroquier, M., Meyer, R.A.** Unified description of odd-mass indium nuclei. I. General theory and comparison to ^{113}In and ^{115}In levels populated in the decay of ^{113}Sn and ^{115}Cd 8-66251
- Heyde, K., Waroquier, M., Van Isacker, P., Vincx, H., Gales, S., Paar, V.** Study of isobaric analogue resonances in f-p shell nuclei: A unified-model description 8-78343
- Heyde, K.** *see* De Frenne, D. 8-86513
- Heyde, K.** *see* Sau, J. 8-50100, 8-81922
- Heyde, P.** *see* von der see von der Heyde, P.
- Heydel, J.** Light distribution in fibre optics communication systems 8-79111
- Heyding, R.D.** *see* Yu Wang 8-63709
- Heyen, M.** *see* Hoyer, W. 8-95388
- Heyland, G.R.** *see* Griffith, T.C. 8-50651
- Heylen, A.E.D.** Ionization and breakdown in ethylene, propylene and butene-1 8-51372
- Heylen, A.E.D.** Electric strength of a moving gas and of a gas subjected to a crossed electric and magnetic field 8-87568
- Heylen, A.E.D., Hitchcock, A.H., Guile, A.E.** A novel non-destructive method of measuring electron field emission 8-88410
- Heylen, A.E.D.** *see* Watts, M.P. 8-79489
- Heyman, J.S.** Phase insensitive acoustoelectric transducer 8-90617
- Heyman, J.S., Miller, W.E.** Effects of accumulated film layers on the accuracy of quartz film thickness monitors 8-72734
- Heymann, G.** *see* Cowley, A.A. 8-58291, 8-70547
- Heymann, P., Prinzler, H.** Trivelpiece-Gould modes in an axially inhomogeneous drifting plasma 8-75316
- Heymann, P., Prinzler, H.** Parametric decay of TG-modes in a fluctuating plasma 8-75321
- Heymsfield, A.J.** The characteristics of graupel particles in northeastern Colorado cumulus congestus clouds 8-81312
- Heynacher, E.** The production of aspherical surfaces by mechanical means 8-50964
- Heynau, H.** *see* Adelman, S. 8-57428
- Heyne, C.J., Young, J.L., Hackworth, D.T.** Westinghouse conceptual design of a test coil for the Large Coil Program 8-50392
- Heyne, C.J.** *see* Janocko, M.A. 8-62639
- Heyns, A.M., Pistorius, C.W.F.T., Richter, P.W., Clark, J.B.** High-pressure phase diagram and vibrational spectra of NaPF_6 8-60446
- Heyraud, J.C.** *see* Metois, J.J. 8-80665
- Heyraud, J.-C.** *see* Takeda, Y. 8-75915
- Heyvaerts, J., Kerdraon, A., Mangeney, A., Pick, M., Slottje, C.** Polarization and location of metric radiobursts in relationship with the emergence of a new magnetic field 8-61824
- Heyworth, A.** *see* Kidson, C. 8-65333
- Hezel, U.** Quantitative photometry of thin-layer chromatograms for research and routine analysis 8-92558
- Hi Gyu Kim** *see* Kim Hi Gyu
- Hibberd, R.D., Dover, W.D.** The analysis of random load fatigue crack propagation 8-64692
- Hibbert, A.** *see* Cornille, M. 8-66679
- Hibbert, A.** *see* Glass, R. 8-74583, 8-78641
- Hibbert, D.B.** *see* Kelly, J. 8-52706
- Hibbs, L.E., Jr., Lee, M.** Some aspects of the wear of polycrystalline diamond tools in rock removal processes 8-64724
- Hibbs, M.** *see* Baltay, C. 8-70354
- Hibbs, M.** *see* Cnops, A.M. 8-78167
- Hibbs, M.** *see* Kalelkar, M. 8-89700
- Hibbs, R.D., Jones, F.W., Ramaswamy, V., Dosso, H.W.** Electromagnetic analogue model measurements and finite-difference numerical calculations of the response of a conducting slab to three different source fields 8-61329
- Hiberty, P.C., Leforestier, C.** Expansion of molecular orbital wave functions into valence bond wave functions. A simplified procedure 8-74580
- Hibiya, T., Hidaka, Y., Suzuki, K.** Electrical properties and charge imbalance for Ca, Ge-substituted garnet films grown by liquid-phase epitaxy from $\text{PbO-B}_2\text{O}_3$ fluxed melts 8-68101
- Hibma, T.** *see* Beyeler, H.U. 8-91482
- Hichang Kang** Equivalent wave-function approach to the ^4He structure factor and excitation spectrum 8-79833
- Hichwa, R.** *see* de Lima, E. 8-55090
- Hickel, B.** Effect of ion pairing on the reactivity of solvated electrons in ethyl alcohol 8-85147
- Hickerson, D.L., Chung-Ngoc Leung, Wai Kwok Kwong, Dahler, J.S.** Influence of electronic correlation on the electron impact excitation of the doubly excited $^3\text{P}_e$ and $^1\text{D}_u$ states of helium. II. Rudge-type approximations 8-74771

- Hickerson, D.L.**, Mlodinow, L., Dahler, J.S. Influence of electronic correlation on the electron impact excitation of the doubly excited 3P , and $^1^3D$, states of helium. I. The Born-Oppenheimer approximation 8-74770
- Hickey, G.T.** *see* Zeller, A.F. 8-66299
- Hickey, J.W.N.** Radiological effluent and environmental monitoring for uranium mills: a regulatory viewpoint 8-94153
- Hickman, A.P.**, Smith, F.T. Momentum transfer in electron-polar-molecule collisions: Results of semiclassical perturbation scattering theory 8-58848
- Hickman, D.R.** *see* Sharp, L.R. 8-61636
- Hickman, K.** Comments on a paper by Barnes [Insoluble monolayers and the evaporation coefficient of water] 8-75910
- Hickman, R.G.**, Craddock, C., Sherwood, K.W. The Denali fault system and the tectonic development of southern Alaska 8-81137
- Hickmott, T.W.** Temperature dependence of the relaxation of injected charge at the polycrystalline-silicon-SiO₂ interface 8-72269
- Hickok, R.L.** *see* Colestock, P.L. 8-67414
- Hickok, R.L.** *see* Stufflebeam, J.H. 8-59669
- Hicks, B.B.** An evaluation of precipitation scavenging rates of background aerosol 8-85648
- Hicks, B.B.**, Wesely, M.L., Sheih, C.M. A study of heat transfer processes above a cooling pond 8-61458
- Hicks, B.B.** *see* Hart, R.L. 8-85723
- Hicks, B.B.** *see* Wesely, M.L. 8-85646
- Hicks, J.B.** Prediction of the performance of synchronous-generator/bridge-converter/ohmic heating circuit installations 8-54960
- Hicks, P.J.** *see* Wilden, D.G. 8-62923
- Hicks, R.G.** *see* Gordon, B.A. 8-82216
- Hicks, S.D.** An average geopotential sea level series for the United States 8-57215
- Hicks, T.R.** *see* Atherton, P.D. 8-61909
- Hida, K.** Phase transitions in nonequilibrium superconductors induced by quasiparticle injection 8-91808
- Hidaka, J.**, Miwa, S. Sieving of fine powders by sonic oscillating air column 8-95712
- Hidaka, M.** *see* Glazer, A.M. 8-67613
- Hidaka, T.** Pauling's ionicity and Phillips' ionicity 8-51464
- Hidaka, T.** Theory of a structural phase transition of SrTiO₃ at 110K 8-80300
- Hidaka, T.** *see* Suda, N. 8-53333
- Hidaka, Y.**, Yoshioka, N. Bubble stretch propagation properties on chevron patterns 8-84462
- Hidaka, Y.** *see* Hibiya, T. 8-68101
- Hidaka, Y.** *see* Yagasaki, K. 8-76244
- Hidalgo, A.** *see* Gonzalez-Diaz, P.F. 8-52489
- Hidalgo, A.** *see* Rueda, D.R. 8-76463
- Hidasi, J.** Compressible medium's plain flow under sound velocity 8-94757
- Hidayat, B.**, Wiramihardja, S.D. Nova Sgr 1977 8-53955
- Hidayat, B.**, Wiramihardja, S.D. Two-colour photographic photometry of Lo 807 8-96512
- Hide, R.**, Mason, P.J. On the transition between axisymmetric and non-axisymmetric flow in a rotating liquid annulus subject to a horizontal temperature gradient. Hysteresis effects at moderate Taylor number and baroclinic waves beyond the Eady cut-off at high Taylor number 8-90911
- Hidekuma, S.** *see* Hiroe, S. 8-59656
- Hidekuma, S.** *see* Watanabe, N. 8-59629
- Hidekuma, S.** *see* Watari, T. 8-83604
- Hieber, C.A.** Thermal effects in the capillary rheometer 8-63519
- Hiebert, J.** *see* Riley, P.J. 8-70534
- Hiebert, J.C.** *see* Bonner, B.E. 8-50173, 8-50174
- Hiebert, J.C.** *see* Riley, P.J. 8-70389
- Hieftje, G.M.**, Copeland, T.R. Flame emission, atomic absorption, and atomic fluorescence spectrometry 8-85224
- Hieftje, G.M.** *see* Boss, C.B. 8-74064
- Hieftje, G.M.** *see* Hunter, T.W. 8-59508
- Hieftje, G.M.** *see* Olivares, D.R. 8-65980
- Hieftje, G.M.** *see* Savage, R.N. 8-95966
- Hiei, K.** Semiconductor laser applications have a futuristic import 8-66844
- Hieman, N.** *see* Kazama, N. 8-68311
- Hiemer, H.**, Veidl, B. Fuel assembly design 8-89939
- Hien Pham Zui** *see* Pham Zui Hien
- Hienen, J.F.A.** *see* van Hien, J.F.A.
- Hienen, J.** *see* van Hien, J.
- Hiesche, K.D.** *see* Bojtor, I. 8-61257
- Hietschold, M.** *see* Bartos, I. 8-64078
- Hieu Nguyen Van** *see* Nguyen Van Hieu
- Higa, W.H.**, Wiebe, E. One million hours at 4.5 Kelvin 8-93704
- Higashi, A.** *see* Shoji, H. 8-63803
- Higashi, M.** *see* Nakanishi, T. 8-77215
- Higashi, S.**, Honda, K., Ozaki, S., Takahashi, T., Teramoto, Y., Kitamura, T., Mitsui, K., Miyake, S., Muraki, Y., Nakamura, I., Ohasi, Y., Okada, A., Iida, S., Kamiya, Y., Kawashima, Y., Shibata, H., Kobayakawa, K., Mikamo, S., Minorikawa, Y. The trigger system of MUTRON, a cosmic ray magnetic spectrometer 8-55081
- Higashida, Y.**, Kamada, K. Mechanism of flaking in pyrolytic graphite on ion bombardments. I. Stress fields around a penny-shaped crack in the sub-surface layer 8-52946
- Higashida, Y.** *see* Kamada, K. 8-52947
- Higashijima, K.**, Sugawara, M. Relativistic two-body bound state 8-82151
- Higbie, J.** Uncertainty in a least-squares fit 8-86068
- Higgins, C.S.** *see* Mullani, N.A. 8-80959
- Higgins, C.S.** *see* Raichle, M.E. 8-69183
- Higgins, G.H.** *see* Ramakrishnan, J. 8-83899
- Higgs, L.A.**, Feldman, P.A., Smolinski, J. Characteristics of the radio source near the supergiant star HD 18391 8-81701
- Higgy, H.R.** A hot cell for the reprocessing of spent fuel samples 8-58364
- High, K.M.**, Brighton, J.A., Brickman, A.D., Pierce, W.S. Analysis of an artificial ventricle and mock circulatory system 8-81080
- Higham, E.J.**, Vaughan, G.J. Molten fuel/coolant interaction studies: some results obtained with the Windscale small shock tube rig 8-58363
- Higham, P.A.**, Stott, F.H., Bethune, B. The influence of polymer composition on the wear of the metal surface during fretting of steel on polymer 8-60848
- Highland, V.L.** *see* Auerbach, L.B. 8-82203, 8-93882
- Highsmith, S.**, Kretschmar, K.M., O'Konski, C.T., Morales, M.F. Flexibility of myosin rod, light meromyosin, and myosin subfragment-2 in solution 8-53320
- Hight, R.D.**, Robiscoe, R.T. Nonadiabatic transition in $n=2$ atomic hydrogen 8-55157
- Higinbotham, J.**, Wood, B.M., Code, R.F. Measurement of spin conversion time constants in pure solid $^{13}\text{CH}_4$ 8-64281
- Higo, Y.** *see* Nunomura, S. 8-68864
- Higon, E.** *see* Jakobsson, B. 8-66297
- Higuchi, H.** *see* Morgan, J.W. 8-69755
- Higuchi, H.** *see* Musha, T. 8-49765
- Higuchi, K.** *see* Koike, Y. 8-91827
- Higuchi, M.** *see* Yamashita, S. 8-66170
- Higuchi, S.** *see* Teramae, N. 8-66574
- Higuchi, Y.** Direct cyclotron instability with high frequency applied magnetic field 8-51298
- Higuti, I.** *see* Morita, K. 8-88892
- Hiida, K.** *see* Yokoya, K. 8-54270
- Hijikata, K.** *see* Hirasawa, S. 8-95148
- Hijikata, K.** *see* Mori, Y. 8-91021
- Hijikata, K.** *see* Okazaki, K. 8-71547
- Hijikata, K.** *see* Yabe, A. 8-71561, 8-94873
- Hijiya, S.** *see* Ito, T. 8-52665
- Hijmans, J.P.A.M.**, Kopinga, K., Boersma, F., de Jonge, W.J.M. Phase diagrams of anisotropic pseudo one-dimensional Heisenberg systems 8-52289
- Hijmans, J.P.A.M.** *see* de Jonge, W.J.M. 8-68277
- Hijum, E.** *see* Van der Hijum, E.
- Hikami, S.**, Brezin, E. Three-loop calculations in the two-dimensional non-linear σ model 8-62289
- Hiki, S.** *see* Imaizumi, S. 8-53546
- Hikida, T.**, Mori, Y. Induced dissociation of NO(B²I, $v=9$) by N₂ 8-80773
- Hikida, T.**, Santoku, M., Mori, Y. Lifetime studies of the HgNH₃ complex 8-53193
- Hikida, T.** *see* Yagi, S. 8-62849
- Hikmat, N.A.**, Saleh, J.M. Adsorption of sulphur dioxide on evaporated metal films of titanium, niobium and tantalum 8-79897
- Hikmat, N.A.** *see* Saleh, J.M. 8-79909
- Hikspoors, H.M.J.** *see* Gibbs, H.M. 8-86837
- Hilal, M.A.**, Boom, R.W. Cryogenically stable hollow conductors cooled by supercritical helium 8-54997
- Hilal, M.A.**, Stone, E.L., Van Sciver, S.W., McIntosh, G.E. Unit helium requirements for superconductive energy applications in the USA 8-89999
- Hilal, M.A.**, Wang, S.T., Dawson, J.W., Gonzy, J.D. Heat transfer and flow characteristics of liquid helium in narrow channels 8-55000
- Hilbert, C.** *see* Donnerhacke, K.-H. 8-83010
- Hilborn, R.B., Jr.** *see* Harrill, M.D. 8-72770
- Hilborn, R.C.** Design and construction of simple, nitrogen-laser-pumped, tunable dye lasers 8-61988
- Hilczar, B.** *see* Huang, P.V. 8-84540
- Hildebrand, J.H.** *see* Alder, B.J. 8-63850
- Hildebrand, O.**, Goebel, E.O., Romanek, K.M., Weber, H., Mahler, G. Electron-hole plasma in direct-gap semiconductors with low polar coupling: GaAs, InP, and GaSb 8-84244
- Hildebrand, O.** *see* Goebel, E.O. 8-80408
- Hildebrand, P.H.** Iterative correction for attenuation of 5 cm radar in rain 8-92923
- Hildebrand, R.H.** *see* Keene, J. 8-55422
- Hildebrandt, G.F.**, Kellert, F.G., Dunning, F.B., Smith, K.A., Stebbings, R.F. Ionization of xenon atoms in selected high Rydberg states by collision with CH₃I, C₇F₁₄, C₆F₆, and CH₃Br 8-50620
- Hildebrandt, G.F.** *see* Stickel, R.E., Jr. 8-83029
- Hildebrandt, S.**, Vismjic, V. Meson wave functions in two-dimensional quantum chromodynamics 8-54559
- Hildebrandt, W.H.** *see* Flink, J.M. 8-54450
- Hildenbrand, D.L.** *see* Kleinschmidt, P.D. 8-58863
- Hildenbrand, K.D.** *see* Barrette, J. 8-58296
- Hildisch, L.** *see* Fabig, H. 8-92181
- Hilditch, R.W.** *see* Kilkenny, D. 8-53987
- Hildner, E.** *see* Kahler, S.W. 8-77545
- Hildner, F.** *see* Feldman, C.L. 8-88757
- Hildred, G.P.**, Hall, A.G. Intensity fluctuation linewidth and the Jakeman-Pike approximation 8-58960
- Hildred, G.P.**, Hall, A.G. Antibunching: more than one kind in two-photon absorption 8-78980
- Hiley, B.** *see* Bohm, D. 8-54241
- Hilgeman, T.** *see* Egan, W.G. 8-61913, 8-85879
- Hilgendorf, A.D.**, Larchez, M. Feedback with computer-generated tests 8-69950
- Hilger, E.** *see* Althoff, K.H. 8-66125
- Hilger, E.** *see* Beron, B.L. 8-74194
- Hilhorst, H.J.**, Schick, M., van Leeuwen, J.M.J. Differential form of real-space renormalization: exact results for two-dimensional Ising models 8-65881
- Hilinski, S.** *see* Velez, C.E. 8-77466
- Hilko, I.N.** *see* Korchevov, Yu.P. 8-58804
- Hilko, R.** *see* Ramavaram, K. 8-66257
- Hill, B.C.** *see* Nokes, M.A. 8-77101
- Hill, C.** *see* Goodfellow, R.C. 8-56213
- Hill, C.R.** Ultrasonic imaging 8-49620
- Hill, C.R.** *see* Cosgrove, D.O. 8-69165
- Hill, D.** *see* Auer, I.P. 8-62433, 8-78206
- Hill, D.** *see* Aver, I.P. 8-62432
- Hill, D.** *see* Colton, E. 8-55074
- Hill, D.** *see* Snyder, J.H. 8-89738
- Hill, D.A.**, Wait, J.R. Scattering by a slender void in a homogeneous conducting wire rope 8-74813
- Hill, D.A.**, Wait, J.R. Electromagnetic basis of drill-rod telemetry 8-85710
- Hill, G.E.** Initiation mechanisms and development of cumulus convection 8-69410
- Hill, G.E.** Development and application of a predictor control for the evaluation of a winter orographic cloud seeding project 8-92922
- Hill, H.A.** *see* Brown, T.M. 8-89138
- Hill, I.**, Adelman, S.J. Line identifications in the ultraviolet spectrum of gamma Pegasi (B2 IV) 8-81621
- Hill, J.** Nuclear waste disposal 8-66350
- Hill, J.C.** *see* Majkowski, R.F. 8-56922
- Hill, J.C.** *see* Pacer, J.C. 8-50129
- Hill, J.C.** *see* Petry, R.F. 8-78319
- Hill, J.C.** *see* Shih, L.L. 8-66249
- Hill, J.M.** Generalized shear deformations for isotropic incompressible hyperelastic materials 8-94599
- Hill, J.R.** *see* Kispert, L.D. 8-95531
- Hill, J.W.** Hydraulically powered lower-limb orthosis 8-53577
- Hill, J.W.** Composite ferrite/steel bar magnets 8-93740
- Hill, K.O.**, Fujii, Y., Johnson, D.C., Kawasaki, B.S. Photosensitivity in optical fibre waveguides: Application to reflection filter fabrication 8-63171
- Hill, K.O.** *see* Kawasaki, B.S. 8-50851, 8-79130
- Hill, N.R.**, Celli, V. Limits of convergence of the Rayleigh method for surface scattering 8-56495
- Hill, N.R.**, Celli, V. Multiple hits in atom-surface diffraction 8-80449
- Hill, P.** *see* Leung, S.Y. 8-95644
- Hill, P.H.**, Vanderkooy, J. Measurements and reinterpretation of spin splitting in antimony using the de Haas-van Alphen effect 8-51881
- Hill, R.** *see* Casperd, A.N. 8-64109
- Hill, R.** *see* Milstein, F. 8-51606
- Hill, R.** *see* Yost, W.A. 8-61199, 8-88716
- Hill, R.A.** *see* Barlow, R.T. 8-54866, 8-70592
- Hill, R.A.** *see* Mulac, A.J. 8-89549
- Hill, R.D.** Comment on 'Detection of lightning superbolts' by B.N. Turman 8-57254
- Hill, R.D.**, Rozvany, G.I.N. Optimal beam layouts: the free edge paradox 8-63332
- Hill, R.E.** *see* Barber, G.C. 8-62613
- Hill, R.J.** Nonneutral and quasi-neutral diffusion of weakly ionized multiconstituent plasma 8-57384
- Hill, R.J.**, Bowhill, S.A. Lognormality of gradients of advected scalars 8-67181
- Hill, R.J.**, Clifford, S.F. Modified spectrum of atmospheric temperature fluctuations and its application to optical propagation 8-92980

- Hill, R.J., Craig, J.R., Gibbs, G.V. Cation ordering in the tetrahedral sites of the thiospinel FeN_2S_4 (indite) 8-95028
- Hill, R.M. Charge transport in band tails 8-76026
- Hill, R.M. Characterisation of dielectric loss in solids and liquids 8-88252
- Hill, R.M. see Careem, M.A. 8-84316
- Hill, R.M. see Kligler, D. 8-74887
- Hill, R.M. see Lorents, D.C. 8-63081, 8-66558
- Hill, R.W., Cosier, J., Smith, S.H. The specific heat of TbPO_4 from 0.5 to 10K 8-52298
- Hill, R.W. see Burginyon, G.A. 8-49946
- Hill, S., Overshott, K.J. The dependence of power loss on domain wall bowing in single crystals of 3% grain-oriented silicon-iron 8-95460
- Hill, S.J., Boutle, N.F. Practical aspects of fatigue crack growth in rail and structural steels 8-64695
- Hill, T.C. see Shimshak, R.R. 8-73207
- Hill, T.L., Stein, L. Critical behavior of two-state, steady-state Ising systems, according to the Bragg-Williams approximation 8-86223
- Hill, T.L., Yi-der Chen Monte Carlo calculations on critical behavior in two-state, steady-state Ising systems 8-86222
- Hill, T.W. see Carbery, J.F. 8-89109
- Hill, T.W. see Cloutier, P.A. 8-69738
- Hill, W.T. see Kowalski, F.V. 8-70193
- Hill, W.T. see Teets, R.E. 8-82056
- Hillaire, P. see Durand, J. 8-52507
- Hilliard, M.E. see Exton, R.J. 8-86909
- Hillberry, B.M. see Crandall, G.M. 8-68790
- Hillberry, B.M. see Myers, R.J. 8-76751
- Hillberry, B.M. see Rueping, J.E. 8-72833
- Hille, B. Ionic channels in excitable membranes. Current problems and biophysical approaches 8-53369
- Hillebrandt, W. The rapid neutron-capture process and the synthesis of heavy and neutron-rich elements 8-77488
- Hillebrandt, W. see Takahashi, K. 8-73699
- Hillegas, W.J., Neyhart, J.W. Effects of photodecomposition on the electrophotographic properties of amorphous As_2Se_3 8-49918
- Hillel, R. see Choukroun, S. 8-64476
- Hillen, M.W. see Nauta, P.K. 8-68090
- Hillen, W. see Brueker, H. 8-50038
- Hillenbrand, C. see von Egidy, T. 8-66215
- Hiller, H. The effects of 15th-order resonance on the orbit of Nimbus 1 rocket, 1964-52B 8-65168
- Hillert, M. The role of phase boundaries in phase transformations in metals 8-72772
- Hillert, M. see Zancheva, L. 8-88571
- Hillhouse, R.W.A., Woods, J. Plasma growth of rutile crystals and their photoelectronic properties 8-52662
- Hilliard, J.E. see Henein, G.E. 8-92419
- Hilliard, J.E. see Thaler, B.J. 8-84460
- Hillier, I.H. see Connor, J.A. 8-95656
- Hillier, I.H. see Ding, A. 8-55219
- Hillier, I.H. see Kendrick, J. 8-56881
- Hillier, I.H. see Robson, B. 8-96004
- Hillion, P. Reciprocity theorem for polarized laser beams 8-79055
- Hillion, P. Numerical solution of the Helmholtz equation in optics 8-90357
- Hillion, P. Discrete paraxial approximation 8-90360
- Hillis, D.L. see Tjom, P.O. 8-54795
- Hillman, A.R. see Albery, W.J. 8-64853
- Hillman, J.J. see Jennings, D.E. 8-50796, 8-50797, 8-74660
- Hillman, M. see Nagy, A.G. 8-60372
- Hillman, P. see Atzmon, Z. 8-69050
- Hillman, P. see Hochstein, S. 8-92623
- Hillman, P. see Minke, B. 8-92624
- Hillmann, H. Technical superconductors 8-88069
- Hillner, B. see Braun, P. 8-59736
- Hills, A.W.D. The importance of convective mass transfer in the reduction of hematite 8-52724
- Hills, B.P. Vibrational relaxation in liquids. III. Energy relaxation 8-63653
- Hills, C.R. see Nordstrom, T.V. 8-80549
- Hills, G.W., Lowe, R.S., Cook, J.M., Curl, R.F., Jr. Microwave optical double resonance spectrum of NH_2 . IV. Observation of an unusual rotational transition in X^2B_1 8-66571
- Hills, G.W. see Glorieux, P. 8-74686
- Hills, R.N., Roberts, P.H. Superfluid mechanics for a high density of vortex lines 8-54290
- Hils, D., Kleinpoppen, H. The ionisation of polarised potassium atoms by polarised electrons 8-50645
- Hilscher, G., Gratz, E. An estimation of the density of states from magnetization and resistivity measurements in $\text{Ti}(\text{Fe}_{1-x}\text{Co}_x)$ and $\text{Zr}(\text{Fe}_{1-x}\text{Co}_x)$ 8-84119
- Hilsen, R. see Bernick, L.M. 8-92433
- Hiltbrand, E. Interpretation of nuclear magnetic resonances in the presence of a nonresonant field 8-72421
- Hiltbrand, E. see Bene, G.-J. 8-73187
- Hiltner, J.S., Vezzetti, C.F., Mayo-Wells, J.F., Lederer, P.S. Experimental investigation of means for reducing the response of pressure transducers to thermal transients 8-54358
- Hiltner, H. see Markfort, D. 8-82449
- Hiltner, A. see Anderson, J.M. 8-91264
- Hiltner, W.A. see Canizares, C.R. 8-93335
- Hilton, P.A., Cowley, R.A., Stirling, W.G., Scherm, R. Neutron scattering from liquid helium three at elevated pressure 8-71899
- Hilton, W.A. The Foucault pendulum: a corridor demonstration 8-54137
- Hilton, W.A. A corridor demonstration for the minimum angle of deviation 8-81760
- Hilton, W.A. An experiment on sky polarization and brightness [for teachers] 8-81768
- Hilyard, N.C., Biggin, H.C. Physics for applied biologists 8-53310
- Himel, T., Richter, B., Abrams, G.S., Alam, M.S., Boyarski, A.M., Breidenbach, M., Chinowsky, W., Feldman, G.J., Goldhaber, G., Hanson, G., Jaros, J.A., Larsen, R.R., Luke, D., Luth, V., Schindler, R., Schwitters, R.F., Siegrist, J.L., Trilling, G.H. Limits on strength of neutral currents from $e^+e^- \rightarrow \mu^+\mu^-$ 8-78157
- Himes, D.A. A method of measuring thermal conductivity of UO_2 at high temperatures under simulated in-reactor conditions 8-94079
- Himes, J.H. see Bailey, J. 8-85376
- Himmel, G., Mobius, E., Piel, A. The motion of ions and neutrals in a 'critical velocity' rotating plasma 8-75344
- Himpel, F.J., Eastman, D.E. Observation of a Λ_1 -symmetry surface state on $\text{Ni}(111)$ 8-80034
- Himpel, F.J. see Eastman, D.E. 8-60546, 8-92175
- Himpel, F.-J., Steinmann, W. Angle-resolved photoemission from the $\text{NaCl}(100)$ face 8-56567
- Hinai, M. see Masumoto, H. 8-52875, 8-72800, 8-76772
- Hinata, S. A momentum distribution of high energy particles around Crab pulsar 8-73727
- Hincelin, G. see Dudek, J.-C. 8-88372
- Hinchliffe, A. The barrier to internal rotation in Si_2H_6 8-66680
- Hinchliffe, A. see Barber, M. 8-66470, 8-70967, 8-82644
- Hinchliffe, A. see Bounds, D.G. 8-70741, 8-90085
- Hinchliffe, I. see Chanowitz, M.S. 8-93838
- Hinde, R.M. see McAllister, P.B. 8-67661
- Hindley, K. Chiron—the celestial centaur 8-53863
- Hindley, K. Arizona's multiple mirror telescope 8-69687
- Hindmarsh, A.C. see Lastman, G.J. 8-79347
- Hinds, D.G. An eighteenth-century telescope 8-61734
- Hinds, E.A., Clendenin, J.E., Novick, R. Decay rate of the $2^2\text{S}_{1/2}$ state of singly ionized helium 8-55141
- Hinds, E.A., Novick, R. Precise resonant charge-transfer cross sections for He-He^+ between 2 and 100 eV 8-66655
- Hinds, S. see Crozier, D.J. 8-50180
- Hinds, S. see Spear, R.H. 8-70559
- Hine, F., Nishiyama, K. Effect of ClO_3^- on electrochemical behaviors of iron, nickel and austenitic stainless steels in caustic soda solutions 8-72928
- Hine, F., Nishiyama, K. Pitting of iron in dilute caustic soda solutions containing NaCl 8-85042
- Hine, S. see Shigematsu, T. 8-56572
- Hines, D.F., Frankel, N.E., Mitchell, D.J. Hard-disc Bose gas 8-95196
- Hines, D.F. see Hines, K.C. 8-71530
- Hines, K.C., Hines, D.F. A unified relativistic theory of test particle energy loss in a plasma 8-71530
- Hines, M., Blum, J.J. Bend propagation in flagella. I. Derivation of equations of motion and their simulation 8-77074
- Hines, P.M. see Boucher, E.A. 8-75525
- Hines, W.A., Kabacoff, L.T., Hasegawa, R., Duwez, P. NMR Knight shifts and linewidths in the Ni-Pd-P and Ni-Pt-P metallic glasses: composition and temperature dependences 8-68400
- Hing Chong Hu see Hu Hing Chong
- Hing Tai Ming see Ming Hing Tai
- Hing-Lan Lam, Rostoker, G. The relationship of Pc 5 micropulsation activity in the morning sector to the auroral westward electrojet 8-61685
- Hing-Lan Lam see Rostoker, G. 8-61686
- Hinghofer-Szalaky, H. see Leopold, H. 8-81085
- Hinich, M.J. Array processing using the frequency-wavenumber approach [acoustic array] 8-66974
- Hinkebein, T.E., Berg, J.C. Surface tension effects in heat transfer through thin liquid films 8-94681
- Hinkel, H., Port, H., Sixl, H., Schwoerer, M., Reineker, P., Richardt, D. ESR of triplet naphthalene pairs, evidence for non-resonance 8-64257
- Hinkle, K.H. see Dominy, J.F. 8-93223
- Hinkle, P.C., McCarty, R.E. How cells make ATP 8-61151
- Hinkle, R.E., Harvey, A.R., Calderon, M.O., Chargin, A.K., Chen, F.F.K., Denhoy, B.S., Horvath, J.A., Reed, J.R., Waugh, A.F. TMX magnets: mechanical design 8-58494
- Hinkley, E.D., Ku, R.T. Long-path monitoring with tunable lasers 8-69522
- Hinkley, E.D. see McDowell, R.S. 8-70837
- Hinkley, E.D. see Margolis, J.S. 8-70872
- Hinkov, V.P. see Konstantinov, L.L. 8-83864, 8-92049
- Hinks, D.L. see Rowe, J.M. 8-67783
- Hinneburg, D. see Nagel, M. 8-93968
- Hinners, N.W. Space astronomy 8-69654
- Hinners, N.W. Lunar and Planetary Programs 8-77461
- Hinnov, E., Bol, K., Dimock, D., Hawryluk, R.J., Johnson, D., Mattioli, M., Meservey, E., Von Goeler, S. Effect of tungsten radiation on the behaviour of PLT Tokamak discharges 8-83537
- Hinnov, E., Mattioli, M. Observations of multiply ionized tungsten radiation in the PLT discharges 8-55747
- Hinnov, E., Suckewer, S., Bol, K., Hawryluk, R.J., Hosea, J., Meservey, E. Low-Z impurities in the PLT Tokamak 8-91155
- Hinnov, E. see Suckewer, S. 8-83602
- Hino, K. see Ura, M. 8-88848
- Hino, T. see Yamashita, K. 8-68091
- Hino, Y., Yamamoto, T., Itagaki, S., Sugiyama, K., Saito, T., Arai, Y. Gamma-ray production cross sections for aluminum and copper at 5.3-MeV neutron energy 8-89863
- Hinotani, S., Ikeda, A., Terasaki, F. On the fracture surface of hydrogen sulfide cracking 8-53024
- Hinrichsen, G. see Falkai, B. 8-76708
- Hinshaw, W.S. see Brooker, H.R. 8-78728
- Hinson, W.G., Wilkinson, J.M. Arrhythmia monitors 8-69233
- Hinterberger, F., Eversheim, P.D., Von Rossen, P., Schuller, B., Schonhagen, R., Thene, M., Gorgen, R., Braml, T., Hartmann, H.J. The $\alpha+\alpha \rightarrow {}^8\text{Be}$ double resonance at the 16.6 and 16.9 MeV levels 8-62553
- Hinteregger, H.F. see Wittels, J.J. 8-69896
- Hintermann, A. see Patterson, B.D. 8-60373
- Hintermann, H.E., Perry, A.J., Horvath, E. Chemical vapour deposition applied in tribology 8-64743
- Hinton, B.M. see Grant, G. 8-82504
- Hinton, E. see Pugh, E.D.L. 8-75071
- Hintz, E. see Elbern, A. 8-95626
- Hintz, N. see Fong, J. 8-94008
- Hintz, N. see Hoffmann, G.W. 8-62674
- Hintz, N.M. see Hoffman, G.W. 8-54760
- Hintz, N.M. see Hoffmann, G.W. 8-70526
- Hintze, W., Alexander, K.F. Acceleration of ions by intense relativistic electron beams—further studies in the one dimensional electrostatic model 8-75374
- Hintzen, P., Oegerle, W.R., Scott, J.S. Observations of clusters containing radio tail galaxies 8-69889
- Hintzen, P., Scott, J.S. The use of radio source morphology in detection clusters of galaxies associated with QSOs 8-93434
- Hintzen, P. see Mould, J.R. 8-65617
- Hinz, K. Geophysical studies in Antarctic water with the 'M.S. Explora' 8-96188
- Hinz, W. see Freyer, R. 8-49920
- Hinz, W. see Rauschenbach, B. 8-64438
- Hinze, W.J. see Regan, R.D. 8-61299
- Hinzpeter, H. see Straka, J. 8-61489, 8-61490
- Hioe, F.T. A Green's function for a cubic lattice 8-62162
- Hioe, F.T. Correlations in an N-mode laser 8-63051
- Hioe, F.T. Quantum theory of anharmonic oscillators: from independent oscillators to spherically coupled oscillators 8-77747
- Hioe, F.T., MacMillen, D., Montroll, E.W. Quantum theory of anharmonic oscillators; energy levels of a single and a pair of coupled oscillators with quartic coupling 8-70014
- Hioki, Y., Okuda, T. Low frequency instability in Q-machine plasma with localised strong electric field 8-71480
- Hioki, Y., Okuda, T. Low-frequency instability in Q-machine plasma with localized strong electric field 8-79418
- Hipolito, O., Lobo, R. Self-consistent field approximation method for a one-dimensional many boson system 8-49761
- Hippelein, H., Munch, G. Neutral carbon emission in M42 8-85987
- Hippler, H., Wendt, H.R., Hunziker, H.E. Excited intermediates in the Hg-photosensitized reaction of O_2 detected by energy transfer 8-73030

- Hippler, R.**, Schartner, K.-H., Beyer, H.F. Direct and charge-exchange excitation of the 2P level in He⁺-He collisions 8-70913
- Hipps, K.W.** The effects of photoselection and orientational relaxation on the magnetically induced circular polarization of emission of molecular systems of C_n (n≥3) symmetry 8-70860
- Hipps, K.W.**, Crosby, G.A. Magnetically induced circular polarization of emission: application to inorganic complexes 8-58058
- Hipps, K.W.**, Crosby, G.A. Magnetically induced circular polarization of emission application to inorganic complexes 8-78005
- Hipps, K.W.**, Francis, A.H. Phonon scattering times in a molecular crystal below 10K determined by optically detected acoustical paramagnetic resonance 8-88228
- Hira, K.** *see* Atarashi, M. 8-94032
- Hirabayashi, M.** *see* Nishimura, M. 8-87237
- Hirabayashi, M.** *see* Takahashi, J. 8-67708
- Hirabayashi, S.** *see* Tanaka, T. 8-52429, 8-64316
- Hirabayashi, Y.** *see* Nishimura, M. 8-87237
- Hirafuku, S.** *see* Ito, K.-I. 8-65101
- Hirahara, K.** A large-scale three-dimensional seismic structure under the Japan Islands and the Sea of Japan 8-92807
- Hirai, M.** *see* Yoshinari, T. 8-91335
- Hirai, T.**, Ishise, T. Numerical analysis of atmospheric pollution in Tanabe area 8-96289
- Hirai, T.**, Kimura, T., Fujino, S. A consideration for finite bending deformation by finite element method. Analysis for plane problem 8-83238
- Hirai, T.** *see* Niihara, K. 8-95804
- Hiraishi, S.** *see* Ishihara, M. 8-52956
- Hirakawa, H.** Detection of gravitational radiation 8-77792
- Hirakawa, H.**, Tsubono, K., Fujimoto, M.-K. Search for gravitational radiation from the Crab pulsar 8-73730
- Hirakawa, H.** *see* Suzuki, T. 8-75093
- Hirakawa, N.** *see* Izutsu, S. 8-89935
- Hiramatsu, M.** *see* Ohmori, K. 8-84628
- Hiramatsu, N.**, Yoneda, Y. A spectral chart of synchrotron orbital radiation 8-55290
- Hiramatsu, S.**, Isagawa, S., Ishimoto, S., Maseike, A., Morimoto, K., Funahashi, S., Hamaguchi, Y., Minakawa, N., Yamaguchi, Y. Slow neutron polarization by polarized proton filter using ethylene glycol 8-90046
- Hirano, I.**, Arditi, M. Absorption profile of a collimated atomic beam, non-orthogonal to a laser light. Application to optical frequency standards 8-74940
- Hirano, K.** A linear reactor system with impurity seeded multiple-mirror end plug 8-63580
- Hirano, K.**, Kobayashi, H., Nakazawa, H. Fracture mechanics and fractographic study of thermal shock cracking 8-52964
- Hirano, K.**, Shimoda, K., Hamada, F. Detailed study of dynamic behaviour of a focused plasma by N₂ laser interferometry 8-87479
- Hirano, K.** *see* Kobayashi, H. 8-68865
- Hirano, K.** *see* Kondoh, Y. 8-91142
- Hirano, K.** *see* Nakajima, H. 8-75865
- Hirano, K.** *see* Sakurai, A. 8-87465
- Hirano, M.** *see* Abe, Y. 8-74250
- Hirano, M.** *see* Nakao, K. 8-68330
- Hirano, N.** A model of secondary-electron emission, and noise figure of photomultipliers 8-86336
- Hirano, R.**, Oomura, E., Ikeda, K., Matsui, K., Ishii, M., Susaki, W. AlGaAs TJS laser with very low threshold current and high efficiency 8-82985
- Hirano, R.** *see* Oomura, E. 8-71111
- Hirano, S.** *see* Somyia, S. 8-80523
- Hirano, T.**, Okada, M., Yoshida, H., Watanabe, R. Scale morphology and alloying element distribution in Incoloy 800 after high-temperature oxidation in impure helium 8-80677
- Hirao, K.** *see* Nakatsiji, H. 8-54213
- Hirao, K.** *see* Nakatsiji, H. 8-62706
- Hirao, K.** *see* Yamabe, S. 8-74810
- Hirao, K.** *see* Yamane, T. 8-51751, 8-56699
- Hirao, S.** *see* Yokomizo, O. 8-54814
- Hirao, Y.** NUMATRON project 8-62665
- Hiraoka, K.** Gas-phase ion-molecule reactions and high-pressure mass spectrometer. I. Historical survey of the study of gas phase ion-molecule reactions 8-64830
- Hiraoka, T.** Extraordinary Hall effect in Ce_{1-x}La_xAl₂ 8-79980
- Hirasawa, R.** *see* Furuyama, S. 8-82755
- Hirasawa, S.**, Nakayama, W., Hijikata, K., Mori, Y. Effect of surface tension on laminar film condensation along a vertical plate with a small leading radius 8-95148
- Hirase, A.** *see* Gentle, K.W. 8-59659
- Hirashima, K.** *see* Kumatori, T. 8-53514
- Hirashima, Y.** *see* Yamagami, T. 8-61644
- Hirashima, Y.** *see* Suzuki, E. 8-73638
- Hirata, K.**, Kobayashi, T., Nakamaru, N. Y and possible heavy-meson mass spectra 8-82186
- Hirata, K.**, Kobayashi, T., Takaiwa, Y. Mixing and decays of pseudoscalar mesons in a non-relativistic quark model with an idea abstracted from quantum chromodynamics 8-82166
- Hirata, M.**, Igarashi, T. Heat transfer in separated flows. II. Theoretical analysis 8-79315
- Hirata, M.**, Mori, Y., Nishikawa, K., Ohtani, S., Sato, T. Review of Japanese heat transfer literature-1975, 1976 8-79314
- Hirata, M.** *see* Igarashi, T. 8-87339
- Hirata, M.** *see* Kitamura, K. 8-94848
- Hirata, M.** *see* Nishio, S. 8-90666
- Hirata, M.** *see* Tatsumi, Y. 8-83865, 8-84112
- Hirata, T.** Structural changes during annealing vacuum-evaporated thin aluminium films at temperatures near the thermodynamic melting point 8-84096
- Hirata, T.** *see* Seki, N. 8-67196
- Hirata, Y.** *see* Shimada, K. 8-68929
- Hiratsuka, H.**, Sekiguchi, K., Hatano, Y., Tanizaki, Y. Polarized absorption and ESR spectra of acridine C-radical 8-50563
- Hirayama, H.** *see* Nakamura, T. 8-59840
- Hirayama, M.**, Hsiung Chia Tze, Ishida, J., Kawabe, T. On the chiral connection between the ferromagnet, the axisymmetric gravitational problem and the SU(2) vacuum gauge field 8-70258
- Hirayama, S.**, Abbott, G.D., Phillips, D. Strongly fluorescent molecular complexes in the vapour phase 8-74693
- Hirayama, T.**, Kanda, T. Computer system of the laser ranging equipment 8-89080
- Hirayama, Y.**, Tanaka, Y., Kogure, T. Flow patterns of cluster winds and X-ray emissions from clusters of galaxies 8-65705
- Hird, B.**, Ali, S.P. Existence of the negative ion of atomic nitrogen 8-78806
- Hirides, D.** *see* Fass, R. 8-86717
- Hirleman, E.D.** Laser technique for simultaneous particle-size and velocity measurements 8-70096
- Hirleman, E.D.** *see* Viskanta, R. 8-75051
- Hirlimann, C.** *see* Balkanski, M. 8-60467
- Hirlimann, C.** *see* Charfi, F. 8-75785
- Hirlimann, C.** *see* Zigone, M. 8-60468
- Hirn, A.** *see* Morelli, C. 8-65209
- Hirning, C.R.** *see* Lovhoiden, G. 8-78390
- Hiroe, S.**, Sato, T., Watari, T., Hidekuma, S., Kumazawa, R., Adati, K., Shaji, T., Kawasaki, S., Miyahara, A., Akaishi, K., Kubota, Y., Watanabe, N., Miyake, S. Experiment on nonadiabatic RF plugging in a cusped field 8-59656
- Hiroe, S.** *see* Watanabe, N. 8-59629
- Hiroe, S.** *see* Watari, T. 8-83604
- Hirohata, Y.**, Yamashina, T., Abe, T. Preparation of iron oxide and nitride films by means of reactive sputtering 8-92190
- Hiroike, E.** Geminal nuclear spin-spin couplings in AB_n-type molecular systems 8-74682
- Hirokawa, S.** On the guest-host interaction in β-quinol clathrates. An analysis of magnetic resonance spectra of N₂ and O₂ 8-76346
- Hirokawa, Y.** *see* Ohnishi, S. 8-56588
- Hirokawa, Y.** *see* Shiosaki, T. 8-90500
- Hiroimitsu, S.** *see* Ohta, M. 8-59199, 8-59329
- Hiramoto, R.E.**, Ozsvath, I. On homogeneous solutions of Einstein's field equations 8-65824
- Hirono, H.**, Mihama, K., Ichimiya, A. Determination of crystal structure factors and temperature parameters by using dynamical effects in electron diffraction 8-83679
- Hirosawa, H.** *see* Nishimura, J. 8-61567
- Hirosawa, Y.** *see* Yuu, S. 8-83455
- Hirose, A.** On amplitude saturation of Buneman instability and anomalous resistivity 8-75300
- Hirose, C.**, Maeda, S. Microwave spectrum of divinyl ether. Analysis of doublet splittings in b and c type transitions and internal rotation of vinyl groups 8-86849
- Hirose, H.** *see* Taya, S. 8-70216
- Hirose, K.**, Tada, K. Design theory of the coupled-waveguide optical modulator with pn junction-multi-layered planar waveguide configuration 8-71235
- Hirose, M.** *see* Nakashita, T. 8-64008
- Hirose, Y.**, Tanaka, K., Okabayashi, K. Nucleation and growth of stress corrosion cracking in notched plates of high-strength low-alloy steel 8-92401
- Hiroshige, N.** A phenomenological analysis of single pion photoproduction in the first resonance region 8-89721
- Hirota, E.** Microwave spectrum of methylene fluoride in excited vibrational states 8-58672
- Hirota, E.** Anharmonic potential function and equilibrium structure of methylene fluoride 8-78774
- Hirota, E.**, Saito, S., Endo, Y. Second-order Coriolis resonance between ν₂ and ν₃ of ¹³CH₃F by microwave spectroscopy 8-74646
- Hirota, E.** *see* Ieki, M. 8-78698
- Hirota, E.** *see* Yamada, C. 8-94265
- Hirota, N.** *see* Niizuma, S. 8-58725
- Hirota, O.**, Suematsu, Y., Shioya, I., Ikehara, S. Optimal control of quantum noise (Optical communications by two-photon laser. II) 8-71049
- Hirota, R.** Nonlinear particle difference equations. IV. Backlund transformation for the discrete-time Toda equation 8-73829
- Hirota, S.**, Izumitani, T. Effect of cations on the inherent absorption wavelength and the oscillator strength of ultraviolet absorptions in borate glasses 8-80374
- Hirotsu, S.**, Suzuki, T. Elastic constants and thermal expansion of CsPbCl₃ 8-59849
- Hirotsu, S.** *see* Mitsui, T. 8-76398
- Hirotsu, S.** *see* Sawada, S. 8-75823
- Hirotsu, S.** *see* Takashige, M. 8-84528
- Hiroyoshi, H.** *see* Kawakami, M. 8-64195
- Hirsch, A.A.** *see* Brabers, V.A.M. 8-95503
- Hirsch, A.A.** *see* Galezcki, G. 8-52399, 8-52405
- Hirsch, K.**, Holzhauer, E., Reischl, R., Dobe, H.F. Plasma scattering experiments with a periodic Nd:YAG laser at 1.06 μm and a Si-avalanche detector 8-51347
- Hirsch, K.** *see* Dobe, H.F. 8-51351, 8-67481
- Hirsch, L.** An improved Hero's engine 8-69946
- Hirsch, P.B.** Study of crystal defects by diffraction contrast in the electron microscope 8-83700
- Hirschberg, J.G.** *see* Davidson, J. 8-67407
- Hirschberg, J.G.** *see* Wells, D.R. 8-71504
- Hirschfeld, D.A.**, Weinberg, F. Pore formation in iron 8-85120
- Hirschfeld, F.** The new vistas in bioengineering 8-96112
- Hirschfeld, T.** New trends in the application of Fourier transform infrared spectroscopy to analytical chemistry 8-61092
- Hirschfeld, T.** Benefits of signal modulation within the electrical bandpass of a Fourier transform spectrometer: Fourier transform-Raman spectroscopy? 8-82041
- Hirschfeld, T.** Focal shift photometric errors in Fourier transform infrared spectroscopy 8-86358
- Hirschfeld, T.** Comparison of inner filter effects in 'front face' and total reflection fluorescence 8-88357
- Hirschfeld, T.** Scatter eliminated spectrometry by Fourier Transform infrared spectrometry 8-89564
- Hirschfeld, T.** Dynamic range improvement in Fourier transform infrared spectrometry 8-89565
- Hirschfeld, T.**, Caulfield, H.J. Operations on ultrashort pulses using 'flat' lenses 8-66883
- Hirschfelder, J.O.** Quantum mechanical equations of change. I 8-70003
- Hirsh, M.N.**, Goldman, M. Continuous current in the positive point corona in air: Townsend was right 8-67586
- Hirshfeld, A.C.** Canonical and covariant path integrals 8-73877
- Hirshfeld, A.C.** *see* Leschke, H. 8-73921
- Hirshfeld, F.L.** Charge deformation and vibrational smearing 8-71634
- Hirshfeld, F.L.** Spatial partitioning of charge density 8-71638
- Hirshfeld, F.L.** A deformation density refinement program 8-71639
- Hirshfield, J.L.** *see* Chuk, K.R. 8-51295
- Hirshman, S.P.** The ambipolarity paradox in toroidal diffusion, revisited 8-63547
- Hirshman, S.P.** Neoclassical current in a toroidally-confined multispecies plasma 8-83528
- Hirst, D.M.** Ab initio potential energy surfaces for triplet states of NH₂⁺ 8-74729
- Hirst, D.M.** *see* Holt, R.S. 8-50597
- Hirst, L.L.** Theory of the coupling between conduction electrons and moments of 3d and 4f ions in metals 8-60090
- Hirst, L.L.** Configuration-based quasiparticles in 3d systems 8-91648
- Hirt, C.W.**, Ramshaw, J.D., Stein, L.R. Numerical simulation of three-dimensional flow past bluff bodies 8-75115
- Hirt, W.** *see* Pedroni, E. 8-66321
- Hirth, J.P.** Nucleation, undercooling and homogeneous structures in rapidly solidified powders 8-52708
- Hirth, J.P.** *see* Lee, T.D. 8-60725
- Hirth, J.P.** *see* Sinclair, J.E. 8-75667
- Hirth, W.**, Butz, M., Velden, L., Furst, E. The centre-to-limb variation of the Moon's brightness at 2 and 6 cm wavelength 8-81572
- Hirukawa, Y.** *see* Sinno, K. 8-81504
- Hirvonen, J.**, Anttila, A., Hautala, M. Defect flow induced outdiffusion in the Al-Zn implantations 8-63779
- Hirvonen, J.** *see* Anttila, A. 8-91362
- Hirvonen, J.K.** *see* Cullis, A.G. 8-71709
- Hirzel, D.G.** *see* Cornish, D.N. 8-54922
- Hirzel, D.G.** *see* Deis, D.W. 8-64174
- Hirzel, D.G.** *see* Freynik, H.S. 8-54947
- Hisamatsu, S.** *see* Hasimoto, T. 8-50426
- Hisamatsu, T.** *see* Nakau, T. 8-87651
- Hisamatsu, Y.** *see* Tsujikawa, S. 8-92397
- Hisamatsu Shun'ichi** *see* Shun'ichi Hisamatsu
- Hisano, K.** *see* Doke, T. 8-61688

- Hisard, P.** *see* Moore, D. 8-88836
- Hisatsugu, T.** *see* Nishi, H. 8-51569
- Hiscock, W.A.** Scalar perturbations in the Godel universe 8-57709
- Hishida, H.** *see* Sakai, K. 8-78448, 8-78449
- Hishida, M., Nagano, Y.** Simultaneous measurements of velocity and temperature in non-isothermal flows 8-91042
- Hishida, M., Nagano, Y.** Structure of turbulent temperature and velocity fluctuations in the thermal entrance region of a pipe 8-94717
- Hishida, M.** *see* Kubota, S. 8-55099, 8-72608
- Hishikari, I.** Two-color pyrometers achieve impossible results 8-65937
- Hishiki, Y.** *see* Nakatsui, H. 8-64064
- Hishinuma, A., Katano, Y., Shiraishi, K.** Dose and temperature dependence of void swelling in electron irradiated stainless steel 8-55891
- Hit, R.** Generalizations of Gauss and Maillard-Codazzi equations 8-62092
- Hitani, S.** *see* Takebayashi, M. 8-92752
- Hitchcock, A.H., Guile, A.E.** Comparison of damage caused by 300 nanosecond, 4.5 A arcs to cathodes of various materials 8-87579
- Hitchcock, A.H., Rageh, M.S.I., Guile, A.E., Morgan, D.V.** Effects of cathode oxide films on forward and retrograde motion of arcs 8-87576
- Hitchcock, A.H.** *see* Guile, A.E. 8-79482
- Hitchcock, A.H.** *see* Heylen, A.E.D. 8-88410
- Hitchcock, A.P., Brion, C.E.** Inner shell excitation of SF_6 by 2.5 keV electron impact 8-90303
- Hitchcock, A.P., Brion, C.E., Van der Wiel, M.J.** Ionic fragmentation of SF_6 ionised in the sulphur 2p shell 8-90310
- Hitchcock, A.P., Pocock, M., Brion, C.E., Banna, M.S., Frost, D.C., McDowell, C.A., Wallbank, B.** Inner shell excitation and ionization of the monohalobenzenes 8-62934
- Hitchcock, J.A.** *see* Preece, R.J. 8-94543
- Hitchens, R.E.** *see* Clark, K.W. 8-81016
- Hitchin, J.N.** *see* Atiyah, M.F. 8-78073
- Hitchman, M.A.** Fine structure due to magnetic dipole coupling in the low temperature EPR spectrum of $\text{Rb}_2\text{Cu}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ 8-68360
- Hitchon, J.W., Phillips, D.C.** The effect of specimen size on the strength of CFRP 8-68724
- Hite, G.E.** *see* McClaskey, R. 8-93889
- Hites, R.A.** *see* Laflamme, R.E. 8-57192
- Hitney, H.V., Pappert, R.A., Hattan, C.P., Goodhart, C.L.** Evaporation duct influences on beyond-the-horizon high altitude signals 8-92935
- Hitzl, D.L., Henon, M.** The stability of second species periodic orbits in the restricted problem ($\mu=0$) 8-61717
- Hiura, J.** *see* Ogasawara, H. 8-66232
- Hively, L.** *see* Miley, G. 8-66417
- Hively, L.M., Miley, G.H.** Sensitivity studies on 3.5-MeV alpha bombardment of tokamak first wall 8-58463
- Hiwatari, Y.** Self-diffusion and glass transition of the soft-core model 8-67634
- Hiwatari, Y., Stoll, E., Schneider, T.** Molecular-dynamics investigation of solid-liquid coexistence 8-67803
- Hiwatashi, K.** Vision and hearing: their difference and similarities 8-73155
- Hiyamizu, S., Fujii, T., Nanbu, K., Maekawa, S.** Properties of heteroepitaxial $\text{In}_{1-x}\text{Ga}_x\text{As}$ by molecular beam epitaxy 8-84328
- Hiza, M.J., Robinson, R.L., Jr.** Comment on 'Intermolecular forces in mixtures of helium with the heavier noble gases' 8-66622
- Hizhnyakov, V., Zazubovich, S.** Vacancy-induced splitting of excited states and the structure of $\text{Sn}^{2+} V_c$ centres in alkali halides 8-51931
- Hjellming, R.** *see* Apparaio, K.M.V. 8-61940
- Hjellming, R.M.** *see* Schnopper, H.W. 8-65691
- Hjeresen, D.L.** *see* Kaune, W.T. 8-53587
- Hjorth, S.A.** *see* Piiparinen, M. 8-50075
- Hjorth, S.A.** *see* Winter, G. 8-62552
- Hjortsberg, A., Chen, W.P., Burstein, E., Pomerantz, M.** Infrared surface EM-wave prism spectroscopy of Langmuir-Blodgett Mn-stearate layers on Ag 8-52587
- Hlavacek, M.** On wave guide-type propagation in elastic fibre-reinforced composites 8-83279
- Hlavay, J., Guilbault, G.G.** Detection of hydrogen chloride gas in ambient air with a coated piezoelectric quartz crystal 8-92532
- Hlavka, J., Lycka, M.** Photovoltaic effect in implanted silicon 8-76111
- Hlinka, V., Usacev, S., Povinec, P., Chudy, M.** Investigation of the coincidence methods for identification of some radioisotopes 8-90038
- Hlond, M.** Biaxial optical guider for the extra-atmospheric solar observations 8-61744
- Hnatowicz, V.** Mass analysis with a cyclotron 8-86375
- Hnizdo, V.** *see* Carter, J. 8-54796
- Ho, C.-N., Christian, G.D., Davidson, E.R.** Application of the method of rank annihilation to quantitative analyses of multicomponent fluorescence data from the video fluorometer 8-92546
- Ho, C.P., Plummer, J.D., Meindl, J.D., Deal, B.E.** Thermal oxidation of heavily phosphorus-doped silicon 8-56793
- Ho, C.Y., Ackerman, M.W., Wu, K.Y., Oh, S.G., Havill, T.N.** Thermal conductivity of ten selected binary alloy systems 8-95284
- Ho, H., Albrecht, R., Demond, F.-J., Wurm, J.P., Dunnweber, W., Graw, G., Disdier, D., Rauch, V., Scheibling, F.** Pre-equilibrium emission of light particles in deep-inelastic collisions of $^{16}\text{O}+^{58}\text{Ni}$ 8-54786
- Ho, H.S.** Effect of Plexiglas animal holders on microwave energy absorption 8-92674
- Ho, J.C., King, G.B., Fickett, F.R.** Low temperature specific heat of two stainless steels 8-83966
- Ho, J.C.** *see* Ekin, J.W. 8-72316
- Ho, J.H., Vook, R.W.** Laminar Cu_2O growth on (111) Cu single-crystal surfaces 8-72025
- Ho, J.T.** *see* Khoon-Cheng Lim 8-76422
- Ho, K.L., Cole, R.S., Mavroukoulakis, N.D.** The effect of wind velocity on the amplitude scintillations of millimetre radio waves 8-61496
- Ho, K.L., Mavroukoulakis, N.D., Cole, R.S.** Determination of the atmospheric refractive index structure parameter from refractivity measurements and amplitude scintillation measurements at 36 GHz 8-81316
- Ho, K.L.** *see* Cole, R.S. 8-85623
- Ho, K.M., Cohen, M.L., Pickett, W.E.** Maximum superconducting transmission temperatures in Al_5 compounds? 8-91801
- Ho, K.M., Pickett, W.E., Cohen, M.L.** Metallic bonding and the character of electronic states in Nb_3Ge and Nb_3Al 8-79916
- Ho, K.M.** *see* Allen, P.B. 8-60106
- Ho, K.M.** *see* Kerker, G.P. 8-76128
- Ho, K.M.** *see* Larsen, P.K. 8-56041
- Ho, L.T.** Broadening of the absorption line of aluminium impurities in silicon 8-95594
- Ho, P.P., Alfano, R.R.** Relaxation kinetics of the plastic crystal succinonitrile 8-59768
- Ho, P.P., Alfano, R.R.** Coupled molecular reorientational relaxation kinetics in mixed binary liquids directly measured by picosecond laser techniques 8-67636
- Ho, P.S.** Analysis of grain-boundary electromigration 8-67849
- Ho, P.S.** *see* Hwang, J.C.M. 8-91469
- Ho, P.-T., Glasser, L.A., Ippen, E.P., Haus, H.A.** Picosecond pulse generation with a CW GaAlAs laser diode 8-83002
- Ho, P.T.P., Barrett, A.H.** First detection of a non-metastable ammonia line in absorption 8-65677
- Ho, P.T.P., Barrett, A.H.** A new dynamical model for the Orion Molecular Cloud 8-93373
- Ho, S.Y.** *see* Chin, K.K. 8-85614
- Ho, S.Y.** *see* Gay, R.K.L. 8-85613
- Ho, T.S., Chan, F.T.** Elastic scattering of electrons by metastable $2s$ atomic hydrogen 8-55238
- Ho, W., Davenport, J.W., Schrieffer, J.R.** Theory of inelastic low-energy electron scattering from oriented molecules 8-72653
- Ho, W., Willis, R.F.** Observation of nondipole electron impact vibrational excitations: H on $\text{W}(100)$ 8-63922
- Ho, W.** *see* Davenport, J.W. 8-67907, 8-90260
- Ho, W.F.** *see* Ko, N.W.M. 8-83168
- Ho, Y.K.** A resonant state and the ground state of positronium hydride 8-62964
- Ho Cheon Yoo** *see* Chong Sool Choi 8-68736
- Ho Chih-ming** *see* Chih-ming Ho
- Ho Chung-chih** *see* Tsai Chi-kung 8-84812
- Ho Hsin-lai, Chu Yu-yi, Chang Hsiu-lin, Yu Tsung-sen, Li Chih-ping, Yin Hsi-kuang** The distribution of boron in steel 8-84811
- Ho Lee Ting** *see* Ting Ho Lee
- Ho Phan Xuan** *see* Phan Xuan Ho
- Ho Pin** *see* Pin Ho
- Ho Tso-Hsiu** On an experimental suggestion to test the problem of 'hidden parameters' in quantum theory 8-57821
- Ho Tso-Hsiu, Chang Chao-Shie, Huang Tao** On the asymptotic behaviour of the B-S wave function as the relative time approaches infinity 8-82113
- Ho Tso-Hsiu** *see* Ruan Tu-Nan 8-86195
- Ho Tso-Hsiu** *see* Chang Chao-Shie 8-82156
- Ho Yu-chuan, Chang Shih-chun, Kuan Tie-lian** Magneto-optical properties of some rare earth iron garnets 8-95580
- Ho-I Teng, H., Dunbar, R.C.** Substituent effects in benzene cation spectroscopy. II. Photodissociation spectra of methylbenzene ions 8-58710
- Hoa, N.T., Gaudu, R., Therriot, C.** Influence of the hysteresis effect on transient flows in saturated-unsaturated porous media 8-59481
- Hoa, S.I.** *see* Simplaceanu, V. 8-91977
- Hoagland, R.G.** *see* Hahn, G.T. 8-64705
- Hoagland, R.G.** *see* Sinclair, J.E. 8-75667
- Hoang, S.** *see* Knoll, R. 8-85796
- Hoang, T.F., Phua, K.K.** Temperatures of high-energy p-nucleus reactions 8-54761
- Hoang The Giam** *see* Ai, B. 8-92020
- Hoang Xuan Nguyen** *see* Riede, V. 8-64360
- Hoaran, J.** *see* Volpilhac, G. 8-52201
- Hoare, J.W.** *see* Wall, J.C. 8-77128
- Hoareau, A., Cabaud, B., Uzan, R.** Properties of small aggregates of group VI elements (S, Se, Te). Evidence for metallic character of tellurium aggregates 8-86985
- Hoath, S.D.** *see* Batt, C.J. 8-62578
- Hobart, M.A.** *see* Anderson, R.N. 8-73331
- Hobbs, A.W.** *see* Gauthier, G.F. 8-64961
- Hobbs, E.R.** *see* Chen, R.L.W. 8-67458
- Hobbs, G.** *see* Richards, J.C.S. 8-61288
- Hobbs, L.M.** Optical interstellar lines toward 18 stars of low reddening. III 8-57603
- Hobbs, L.M.** The profiles of the K lines in four late-B stars 8-73722
- Hobbs, L.W., Howitt, D.G., Mitchell, T.E.** Electron microscopy and electron diffraction of electron-sensitive materials 8-83701
- Hobbs, L.W.** *see* Treilleux, M. 8-83838
- Hobbs, P.V., Locatelli, J.D.** Rainbands, precipitation cores and generating cells in a cyclonic storm 8-81307
- Hobbs, P.V.** *see* Baynton, H.W. 8-61594
- Hobbs, P.V.** *see* Cadle, R.D. 8-57186
- Hobbs, R.M., Jenkinson, D.C.** Metals in road transportation 8-88622
- Hobbs, R.W., Maran, S.P., Brown, L.W.** Preliminary results of linear polarization measurements at 99 GHz 8-93439
- Hobbs, R.W.** *see* Brown, L.W. 8-54003
- Hobbs, T.I.** *see* Lewis, B.R. 8-90186
- Hobby, M.G.** *see* Mansfield, M.W.D. 8-50493
- Hobgood, H.M.** *see* Thomas, R.N. 8-67727
- Hobrock, L.M.** *see* Pinnow, D.A. 8-74974
- Hobson, G.J.** *see* Goodwin, G.L. 8-88887
- Hobson, J.P.** First intercontinental test of vacuum transfer device 8-70132
- Hobson, R.M.** *see* Jen-Shih Chang 8-51280
- Hoburg, J.F.** Bulk-coupled normal field interfacial instability 8-87407
- Hoch, H., Kasper, E., Kern, D.** The representation of stationary rotationally symmetric electromagnetic fields by superimposing the fields of coaxial circular apertures and charged rings 8-55277
- Hoch, M.** *see* Focke, A.E. 8-64720
- Hoch, M.J.R.** *see* Andrew, E.R. 8-68998
- Hoch, M.J.R.** *see* Gordon, M.I. 8-56392
- Hochapfel, A.** *see* Lecoine, D. 8-51650
- Hoche, H.-R.** *see* Brummer, O. 8-51392
- Hochhaus, C.** *see* Muster, W.J. 8-56849
- Hochhauser, E., Balk, O.A.** Tissue-air ratios for whole body irradiation with cobalt 60 gamma rays 8-61258
- Hochheimer, B.F.** *see* Calkins, J.L. 8-65102
- Hochheimer, H.D., Love, W.F., Walker, C.T.** Comparison of the order-disorder phase transition in KCN and NaCN 8-79769
- Hochheimer, H.D.** *see* Gebhardt, W. 8-52776
- Hochli, U.T.** *see* Boatner, L.A. 8-64325
- Hochman, D.** *see* Braun, H. 8-58208
- Hochman, D.** *see* Eisenberg, Y. 8-54657
- Hochman, E., Zilberman, D., Just, R.** Internalization in a stochastic pollution model 8-61455
- Hochmann, J.** *see* Roduner, E. 8-74678
- Hochmann, P.** *see* McGlynn, S.P. 8-70738
- Hochschild, D.J.** *see* Balmer, R.T. 8-94863
- Hochst, H., Steiner, P., Hufner, S.** XPS investigation of simple metals. II. The valence band spectra 8-72702
- Hochst, H.** *see* Steiner, P. 8-60535, 8-72701
- Hochstein, S., Minke, B., Hillman, P., Knight, B.W.** The kinetics of visual pigment systems. I. Mathematical analysis 8-92623
- Hochstein, S.** *see* Atzman, Z. 8-69050
- Hochstein, S.** *see* Minke, B. 8-92624
- Hochstrasser, R.M., Novak, F., Nyi, C.A.** Statistical aspects of resonance light scattering in the condensed phase 8-80323
- Hochstrasser, R.M., Scott, G.W., Zewail, A.H.** Optically detected EPR and low-field ENDOR of triplet benzophenone 8-86898
- Hock, J.L., Lichtman, D.** Electron stimulated desorption of negative ions from gases adsorbed on molybdenum 8-91549
- Hock, K.-H., Schafer, R., Beck, H., Thomas, H.** Lattice defects at structural phase transitions 8-83904
- Hock, K.-H., Thomas, H., Schroder, G.** Order-disorder structural phase transitions described by the three-states Potts model 8-83918
- Hocker, G.B.** *see* Butter, C.D. 8-94426
- Hocker, L.O.** High-resolution study of the helium-fluorine laser 8-63070
- Hocking, L.M.** Nonlinear instability of flow in a rectangular pipe with large aspect ratio 8-59492
- Hocking, M.G.** *see* Sequeira, C.A.C. 8-68898
- Hocking, W.H.** *see* Bjarnov, E. 8-55169
- Hocquart, R.** *see* Cressely, R. 8-80315
- Hodara, H., Wells, W.H.** Infrared radiometry and visible spectrometry 8-69535
- Hodby, J.W.** *see* Bloch, P.D. 8-72061
- Hodby, J.W.** *see* Jenkin, G.T. 8-56179

- Hodder, D.T.** Multispectral scanner applications to separate glitter, suspended sediment and bottom features in water penetration imagery 8-69539
- Hodgart, M.S.** Optimum correlation method for measurement of noisy transients in solid-state physics experiments 8-62205
- Hodge, B.K.** *see* Adams, J.C., Jr. 8-94655
- Hodge, D.B.** Path diversity for Earth-space communication links 8-69424
- Hodge, D.S.** *see* Petraske, A.K. 8-61374
- Hodge, I.M., Angell, C.A.** The relative permittivity of supercooled water 8-52423
- Hodge, P.W.** The structure and content of IC 1613 8-86006
- Hodge, P.W.** Identifications of galaxies and clusters of galaxies in the direction of the SMC 8-96410
- Hodge, P.W.** Surface photometry of bright members of the Fornax cluster of galaxies 8-96548
- Hodge, P.W., Wright, F.W.** Variable stars in the Leo I dwarf galaxy 8-53953
- Hodges, C.** *see* Weaire, D. 8-84167
- Hodges, C.A., Wilhelms, D.E.** Formation of lunar basin rings 8-61766
- Hodges, J.A.** g-shift measurements for Yb³⁺ in Tm₂Al₂O₁₂ 8-56376
- Hodgkin, A.K.** *see* Detwiler, P.B. 8-80874
- Hodgkinson, I.J.** Compensation of optical thickness errors of a solid Fabry-Perot etalon 8-49889
- Hodgkinson, I.J.** On-axis holograms for teaching principles of holography 8-86084
- Hodgkinson, I.J.** Fourier description of analysis and synthesis operations for a stack of thin films of equal optical thickness 8-94449
- Hodgkinson, I.J.** Vacuum-deposited thin films with specific thickness profiles 8-95697
- Hodgkinson, I.J., Vukusic, J.I.** Birefringent filters for tuning flashlamp-pumped dye lasers: simplified theory and design 8-74914
- Hodgkinson, I.J., Vukusic, J.I.** Interference fringes formed by an out-of-focus Fabry-Perot etalon with point illumination 8-86322
- Hodgkinson, I.J.** *see* Chilwell, J.T. 8-77970
- Hodgkiss, W.S.** Detection of LPM signals with estimation of their velocity and time of arrival 8-90604
- Hodgson, J.L.** *see* Channing Nicholas, W. 8-57048
- Hodgson, P.E.** Nuclear heavy-ion reactions 8-74401
- Hodgson, R.M.** *see* Boys, J.T. 8-87221
- Hodgson, R.T.** *see* Dreyfus, R.W. 8-63122
- Hodgson, T.H.** *see* Akay, A. 8-50966
- Hodkin, E.N., Nicholas, M.G.** Comments on 'Surface, grain boundary and interfacial energies in UO₂ and UO₂-Ni' by P. Nikolopoulos et al 8-71905
- Hodl, Y.** *see* Geymayer, W. 8-54349
- Hodor, J.** *see* Paulson, R.W. 8-78970
- Hodorowicz, S.** Influence of the surface layer of the solution on the nucleation of fibrillar trimolybdate crystals and their growth on air bubbles 8-60559
- Hodorowicz, S.** Studies on morphology and structure of fibrillar crystals of lithium and potassium trimolybdate 8-63959
- Hodorowicz, S.** *see* Migdal-Mikuli, A. 8-63854
- Hodous, M.F.** *see* Bartke, J. 8-66169
- Hodous, M.F.** *see* Grassler, H. 8-62466
- Hodous, M.F.** *see* Kirk, H.G. 8-82252
- Hodous, M.F.** *see* Laven, H. 8-66163
- Hodson, S.W.** *see* Cox, A.N. 8-57556, 8-93261
- Hoelt, J.** *see* Nair, K.P.R. 8-90211
- Hoegger, B.A., Vaucher, B.G., Elmiger, H.P., Schneider, H.** The electron temperature of a magnetically stabilised high frequency gas discharge 8-63582
- Hoegger, B.A.** *see* Ritz, Ch.P. 8-70221
- Hoegl, A.** Lower limits of detection of contamination detectors 8-86693
- Hoegy, W.R., Brace, L.H.** The importance of electron heat conduction in the energy balance of the F-region 8-61649
- Hoehn, M.V.** *see* Wohlfahrt, H.D. 8-54679
- Hoeksema, J.T.** *see* Brodbeck, C.M. 8-89508
- Hoekstra, H.R.** *see* Carnall, W.T. 8-62799
- Hoeld, A.** A theoretical model for the calculation of large transients in nuclear natural-circulation U-tube steam generators (digital code UTSG) 8-50242
- Hoell, J.M.** *see* Rogowski, R.S. 8-58679
- Hoenders, B.J.** Completeness of a set of modes connected with the electromagnetic field of a homogeneous sphere embedded in an infinite medium 8-81864
- Hoenders, B.J.** *see* Bronsveld, P.M. 8-83088
- Hoene, E., Kaufersch, H.** Flow metering—methods and applications 8-83507
- Hoening, H.E.** *see* Loewenhaupt, M. 8-67991
- Hoening, M.O., Montgomery, A.G.** Cryostability experiments of force cooled superconductors 8-50378
- Hoening, S.A., Gildenberg, P.L., Murthy, K.S.K.** Generation of permanent, dry, electrical contacts by tattooing carbon into skin tissue 8-77122
- Hoening, S.A., Scott, D.H.** Medical instrumentation and electrical safety. The view from the nursing station 8-57100
- Hoeningman, J.R.** *see* Wittberg, T.N. 8-72029
- Hoenselaers, C.** Directional singularities reexamined 8-65837
- Hoenselaers, C.** On the effect of motions on energy momentum tensors 8-73903
- Hoenselaers, C.** A classification system for one Killing vector solutions of Einstein's equations 8-93579
- Hoentsch, C., Niklas, J.R., Spaeth, J.M.** Sensitivity enhancement in ESR/ENDOR spectrometers by use of microwave amplifiers 8-82014
- Hoentsch, C., Spaeth, J.M.** Localized vibrations of substitutional atomic hydrogen in KCl and RbCl studied by ENDOR 8-80248
- Hoepfner, D.** A fractographic analysis of flaw growth in a high strength titanium alloy 8-72849
- Hoepfner, D.W.** *see* Reeves, R.K. 8-64734, 8-88541, 8-92319
- Hoepfner, D.W.** *see* Ryder, J.T. 8-53028
- Hoerner, S.** Von *see* Von Hoerner, S.
- Hoerstel, W.** On electrical efficiency of iodine in semiconducting tellurium 8-84166
- Hoesterey, D.C.** *see* Borsenberger, P.M. 8-76104
- Hofberger, W.** *see* Eiermann, R. 8-72113
- Hofe, S.E.** Von *see* Von Hofe, S.E.
- Hofer, H.H., Eysel, W., Alpen, U.** Ionic conductivity of Na₂SO₄-I solid solutions 8-75870
- Hofer, J., Wahl, F., Kretschko, J.** The influence of digital representation on the image quality of camera scintigrams 8-88738
- Hofer, J.** *see* Wahl, F. 8-88735
- Hofer, R., Schanda, E.** Signatures of snow in the 5 to 94 GHz range 8-57235
- Hofer, W.O., Bay, H.L., Martin, P.J.** Sputter-erosion and impurity emission from titanium and vanadium at low-energy ion bombardment 8-95628
- Hofer, W.O., Martin, P.J.** On the influence of reactive gases on sputtering and secondary ion emission. Oxidation of titanium and vanadium during energetic particle irradiation 8-72656
- Hoff, A.J., Mobius, K.** Nitrogen electron nuclear double resonance and proton triple resonance experiments on the bacteriochlorophyll cation in solution 8-96018
- Hoff, A.J.** *see* Gorter De Vries, H. 8-53358
- Hoff, A.J.** *see* Nishi, N. 8-70856
- Hoff, A.J.** *see* Nishi, N.N. 8-96118
- Hoff, P.** *see* Gjotterud, O.K. 8-78327, 8-78328
- Hoffer, A.** Pangaea—Fact or fiction? 8-57187
- Hoffer, B.J.** *see* Smith, B.M. 8-69259
- Hoffer, P.B.** *see* Shimshak, R.R. 8-73207
- Hoffer, P.B.** *see* Turner, D.A. 8-65111
- Hoffert, M., Karpoff, A.-M., Clauer, N., Schaff, A., Courtois, C., Pautot, G.** Neof ormation and weathering of three associated volcanosedimentary levels from the South Pacific 8-73353
- Hoffert, M., Perseil, A., Hekiniar, R., Choukroune, P., Needham, H.D., Francheteau, J., Le Pichon, X.** Hydrothermal deposits sampled by diving saucer in Transform Fault 'A' near 37°N on the Mid-Atlantic Ridge, FAMOUS area 8-65259
- Hoffert, M.I., Broecker, W.S.** Apparent vertical eddy diffusion rates in the pycnocline of the Norwegian Sea as determined from the vertical distribution of tritium 8-81185
- Hoffleit, E.D.** *see* Auer, L.H. 8-69780
- Hoffman, A., Rose, P., Steinhauer, L.** Status of laser solenoid fusion concept 8-58435
- Hoffman, A.A.J.** *see* Rapp, D. 8-57240, 8-57241, 8-81344
- Hoffman, A.L., Crawford, E.A.** Laser heating and ionization of magnetically confined plasmas in the presence of strong UV and X radiation 8-71512
- Hoffman, A.L., Lowenthal, D.D., Crawford, E.A.** Axial laser heating of small-diameter theta-pinch plasmas 8-87467
- Hoffman, A.L.** *see* DeHart, T.E. 8-66405
- Hoffman, B.M., Ratner, M.A.** Jahn-Teller effects in metalloporphyrins and other four-fold symmetric systems 8-58599
- Hoffman, D.W.** The effect of atomic misfit on the coexistence and spinodal transformation boundaries in binary alloys 8-60644
- Hoffman, D.W.** *see* McCune, R.C. 8-56942
- Hoffman, F.O., Shaeffer, D.L., Miller, C.W., Garten, C.T., Jr.** Evaluation of models for assessing compliance with environmental radiation regulations 8-94148
- Hoffman, F.O.** *see* Miller, C.W. 8-80979
- Hoffman, G.H.** *see* Chmielewski, G.E. 8-98347
- Hoffman, G.W., Blanpied, G.S., Coker, W.R., Liljestrand, R.P., Hintz, N.M., Oothoudt, M.A., Bauer, T.S., Igo, G., Pauletta, G., Soukup, J., Whitten, C.A., Jr., Madland, D., Pratt, J.C., Ray, L., Spencer, J.E., Thiessen, H.A., Nann, H., Seth, K.K., Glashauser, C., McDaniels, D.K., Tinsley, J., Varghese, P.** Analyzing power in proton-nucleus elastic scattering at 0.8 GeV 8-54760
- Hoffman, H.H.** *see* Cox, D.C. 8-73492
- Hoffman, H.J.** *see* Chan Hong-Mo 8-74212
- Hoffman, H.J.** *see* Hong-Mo, C. 8-82158
- Hoffman, J.A.** *see* Abramenko, A.N. 8-77622
- Hoffman, J.A.** *see* Johnson, H.M. 8-57695
- Hoffman, J.F.** *see* Yingst, D.R. 8-96032
- Hoffman, J.G.** Some observations on the interaction of alumina with a deuterium plasma 8-53010
- Hoffman, J.G.** *see* Bunch, J.M. 8-51591
- Hoffman, J.H.** *see* Foster, J.C. 8-57391
- Hoffman, J.H.** *see* Grebowsky, J.M. 8-81500
- Hoffman, J.I.E.** *see* Lister, G., Jr. 8-65067
- Hoffman, J.M.** *see* Gerber, R.A. 8-63102
- Hoffman, J.M.** *see* Tellinghuisen, J. 8-70843
- Hoffman, K.A., Fuller, M.** Transitional field configurations and geomagnetic reversal 8-65182
- Hoffman, M.A., Potts, W.W.** Applicability of thin falling liquid films to the laser-fusion wetted-first-wall concept 8-66408
- Hoffman, P.R., Schuckers, G.H.** Contextual-articulatory inconsistency of /r/ misarticulation 8-65055
- Hoffman, R.** The modulation contrast microscope: principles and performance 8-62221
- Hoffman, R.** Applications of the modulation contrast microscope 8-89533
- Hoffman, R.A.** *see* Hopkins, R.H. 8-71211
- Hoffman, R.A.** *see* Potemra, T.A. 8-96343
- Hoffman, R.S.** *see* Huntzicker, J.J. 8-95974
- Hoffman, T.** *see* Levine, M.W. 8-58971
- Hoffman, T.J., Dodds, H.L., Jr., Robinson, M.T., Holmes, D.K.** Sputtering calculations with the discrete-ordinates method 8-92158
- Hoffman, T.J., Robinson, M.T., Dodds, H.L., Holmes, D.K.** Sputtering calculations with the discrete ordinates method 8-86689
- Hoffman, T.W.** *see* Thibault, J. 8-90659
- Hoffman, V.G.** *see* Rashkovich, L.H. 8-71693
- Hoffman, W.** *see* Caelli, T. 8-69082
- Hoffmann, B.** *see* Gautreau, R. 8-70034
- Hoffmann, B.M.** *see* Marks, T.J. 8-76057
- Hoffmann, D.** *see* Faissner, H. 8-70355
- Hoffmann, G.W., Blanpied, G.S., Coker, W.R., Liljestrand, R.P., Ray, L., Spencer, J.E., Thiessen, H.A., Hintz, N.M., Oothoudt, M.A., Bauer, T.S., Igo, G., Pauletta, G., Soukup, J., Whitten, C.A., Jr., Nann, H., Seth, K.K., Glashauser, C., McDaniels, D.K., Tinsley, J., Varghese, P.** Analysis of elastic scattering of 0.8 GeV polarized protons from ¹¹⁸Sn and ¹²⁴Sn 8-70526
- Hoffmann, G.W., Madland, D., Morris, C.L., Pratt, J., Spencer, J.E., Tanaka, N., Thiessen, H.A., Zeidman, B., Kozlowski, T., Palevsky, H., Sutter, R., Bauer, T.H., Fong, J., Igo, G.J., Ridge, R., Rolfe, R., Whitten, C.A., Jr., Hintz, N., Kyle, G., Oothoudt, M., Lang, P., Seth, K.K., McDaniels, D., Varghese, P., Blanpied, G., Liljestrand, R.** The high resolution spectrometer facility at LAMPF 8-62674
- Hoffmann, G.W.** *see* Fong, J. 8-94008
- Hoffmann, G.W.** *see* Frankel, S. 8-70524
- Hoffmann, G.W.** *see* Ray, L. 8-74367
- Hoffmann, H.** Miniature probes for the measurement of enthalpy in plasma chemical processes 8-67486
- Hoffmann, H., Dietrich, A., Pickl, J., Krause, D.** HF sputtered indium oxide films doped with tin. II. Reversible and irreversible temperature dependence of the electrical transport properties 8-76170
- Hoffmann, H., Neiger, M.** Spectroscopic observation radiative recombination of ground state oxygen atoms 8-91078
- Hoffmann, H., Pickl, J., Schmidt, M., Krause, D.** HF-sputtered indium oxide films doped with tin. I. Dependence of the electronic transport on the composition of the sputter gas and on the oxidation of the surface 8-72287
- Hoffmann, J., Kuczynski, W., Malecki, J.** Dielectric study of ferroelectric properties in chiral smectic C 8-52463
- Hoffmann, K.** On old geometry problems [in reflectance spectrophotometers] 8-54431
- Hoffmann, L., Huber, H., Weyrich, C.** Preparation and properties of anodically grown insulating layers on gallium phosphide 8-64158
- Hoffmann, L., Schummer, P.** Experimental investigation of the turbulent boundary layer in the pipe flow of viscoelastic fluids 8-67256
- Hoffmann, M.** The W Ursae Majoris system TZ Bootis 8-69832
- Hoffmann, P.** The moments of the multiple distribution functions 8-49750
- Hoffmann, P.H.** *see* Smits, A.J. 8-94860

- Hoffmann, R. *see* Ammeter, J.H. 8-90078
- Hoffmann, R. *see* Dedieu, A. 8-74579
- Hoffmann, R. *see* Myung-Hwan Whangbo 8-74564
- Hoffmann, W. *see* Bohm, H. 8-95533
- Hoffmann, W. *see* Seidel, P. 8-64361
- Hoffmann, W.F. *see* Carleton, N.P. 8-93109
- Hoffmann-Ostenhof, M., Thiring, W., Hoffmann-Ostenhof, T. Simple bounds to the atomic one-electron density at the nucleus and to expectation values of one-electron operators 8-90053
- Hoffmann-Ostenhof, M. *see* Ahlrichs, R. 8-50459
- Hoffmann-Ostenhof, M. *see* Hoffmann-Ostenhof, T. 8-94191
- Hoffmann-Ostenhof, T., Hoffmann-Ostenhof, M., Ahlrichs, R. 'Schrodinger inequalities' and asymptotic behavior of many-electron densities 8-94191
- Hoffmann-Ostenhof, T. *see* Ahlrichs, R. 8-50459
- Hoffmann-Ostenhof, T. *see* Hoffmann-Ostenhof, M. 8-90053
- Hoffmeister, H., Nolle, P., Schimmel, P. Development and results of an instrumented restrained cracking (IRC) test 8-85060
- Hoffmeyer-Zlotnik, H.-J., Wernstedt, J., Becker, A., Braun, P. Modeling of hydrological systems by means of statistical methods 8-96246
- Hofmann, A. Quasi-monochromatic synchrotron radiation from undulators 8-63000
- Hofmann, A. Single-beam collective phenomena-longitudinal 8-78884
- Hofmann, A. *see* Draxler, W. 8-66247
- Hofmann, A. *see* Eyrich, W. 8-54774, 8-78301
- Hofmann, A. *see* Stumm, J. 8-86533
- Hofmann, A.W., Hart, S.R. An assessment of local and regional isotopic equilibrium in the mantle 8-65216
- Hofmann, C. On the significance of the Fourier transformation in the optical imaging 8-50709
- Hofmann, C. Remarks to the determination of the image plane of the maximum Strehl intensity ratio 8-71038
- Hofmann, C. On the influence of inhomogeneities of refractive index and of decentring errors upon image-forming quality of high resolution precision objectives 8-87120
- Hofmann, C., Pohl, H.-J. Demands of the optic development on the optical materials with regard to the construction and the production technology 8-79084
- Hofmann, C., Pohl, H.-J. The optical transfer measure—its significance for the quasi diffraction-limited optical wide field imaging 8-90374
- Hofmann, D.J., Rosen, J.M. Balloon observations of a particle layer injected by a stratospheric aircraft at 23 km 8-81283
- Hofmann, G.A. *see* Eckhardt, W.O. 8-74488
- Hofmann, H., Leone, S.R. Quenching and reactions of laser-excited $I(5P_{1/2})$ atoms with halogen and interhalogen molecules 8-80738
- Hofmann, H. *see* Berlinger, M. 8-50212, 8-70560
- Hofmann, H. *see* Nentwich, G. 8-68020
- Hofmann, H.M. Padé approximants and the effective interaction 8-86487
- Hofmann, I. Coherent oscillations of a ring of relativistic particles 8-55060
- Hofmann, I. Crossing of resonance in a relativistic electron ring with discrete and continuous eigenvalue spectrum 8-58507
- Hofmann, I. *see* Chattopadhyay, S. 8-50329
- Hofmann, P., Unwin, R., Wyrobisch, W., Bradshaw, A.M. The adsorption and incorporation of oxygen on Cu(100) at $T \geq 300K$ 8-56042
- Hofmann, S. *see* Geissel, H. 8-86718
- Hofmann, W., Lemke, D. The night sky background at $2.4 \mu m$ 8-81715
- Hofmann, W. *see* Darden, C.W. 8-62415, 8-93895
- Hofner, H. *see* Hovestadt, D. 8-85790
- Hofsass, T., Schierholz, G. In quest of a relativistic constituent quark model—some constructive remarks 8-62360
- Hofstadter, R. *see* Beron, B.L. 8-66064, 8-74194
- Hofstaetter, A., Scharmann, A., Schwabe, D., Vitt, B. EPR of radiation induced MoO_4^{3-} centres in lead tungstate 8-80217
- Hofstaetter, A. *see* Beyer, E. 8-64274
- Hofstaetter, A. *see* Biederbick, R. 8-80111
- Hofstra, P. *see* van Gunsteren, W.F. 8-93953
- Hoft, H. Contribution to the multiple-particle problem of the magnetic hysteresis curve 8-80178
- Hogaasen, H. *see* Chan Hong-Mo 8-62363, 8-74212
- Hogaasen, H. *see* Hong-Mo, C. 8-58172, 8-82158
- Hogaki, M. *see* Takeuchi, Y. 8-88732
- Hogan, A. *see* Winters, W. 8-57355
- Hogan, J.J., Burns, K.I., Gadioli, E., Gadioli Erba, E., Tagliaferri, G. On the influence of the mean-free-path parameter on intranuclear cascade calculations 8-93958
- Hogan, J.J., Gadioli, E. Production of ^{24}Na from ^{27}Al by (35+100) MeV protons 8-74356
- Hogan, L. *see* Dymond, J. 8-65220
- Hogan, L.M. *see* McLeod, A.J. 8-84866
- Hogan, L.M. *see* St. John, D.H. 8-52828
- Hogan, M., Dattagupta, N., Crothers, D.M. Transient electric dichroism of rod-like DNA molecules 8-94344
- Hogan, P.A., O'Brien, G. Some Robinson-Trautman solutions of the Einstein-Maxwell equations 8-89374
- Hogan, P.B., Smith, S.J., Georges, A.T., Lambropoulos, P. AC Stark splitting in resonant multiphoton ionization with broadband lasers 8-70808
- Hogarth, C.A., Iqbal, T. Some electrical properties of evaporated polypropylene 8-84335
- Hogarth, C.A. *see* Gould, R.D. 8-76179
- Hogarth, C.A. *see* Moridi, G.R. 8-56192, 8-56192
- Hogarth, C.A. *see* Rakhshani, A.E. 8-80067
- Hoge, F. *see* Itzkan, I. 8-57370
- Hogervorst, W. *see* Zaai, G.J. 8-82674
- Hogfors, C. *see* Alvegard, C. 8-49746
- Hogg, A.M., Poyzant, J.D. Design of a field ionization/field desorption/electron impact ion source and its performance on a modified AEI MS9 mass spectrometer 8-70213
- Hogg, H.S. *see* Wehlau, A. 8-85945
- Hogg, N.G., Katz, E.J., Sanford, T.B. Eddies, islands and mixing 8-85572
- Hogg, R. *see* Augenstein, D.A. 8-63488
- Hogge, C.B. Optical distortion in high-energy laser systems: active control 8-83019
- Hoglund, A., Odeblad, E. Auger electron spectra of sodium bound to keratin and other biological materials 8-53339
- Hogner, W., Ziener, R. Orwo ZU 2 plate with improved properties 8-89571
- Hogner, W. *see* Richter, N. 8-93412, 8-93435
- Hogrefe, A.W., Lowry, R.K. Quantitative analysis of thin films by dc arc optical emission spectroscopy 8-68940
- Hogstrom, K. *see* Rosen, I. 8-53506
- Hogstrom, K.R. *see* Duck, I. 8-62525
- Hogstrom, K.R. *see* Mutchler, G.S. 8-70387
- Hoh Yan-Shek *see* Yan-Shek Hoh
- Hoh Ying-Chu *see* Ying-Chu Hoh
- Hohenau, W. *see* Pfannhauser, J. 8-76103
- Hohenemser, C. *see* Kobbeisi, M.A. 8-52388, 8-66021
- Hohenemser, C. *see* Suter, R.M. 8-84437
- Hohenstatt, M. *see* Neuhauser, W. 8-75407
- Hohl, F. Three-dimensional galaxy simulations 8-81551
- Hohler, B. *see* Kronmuller, H. 8-72373
- Hohn, D.H. Physics of incoherent optical propagation 8-92987
- Hohn, J., Barz, H.W., Rotter, I. On the role of complicated configurations in giant resonances of light nuclei investigated in the frame of the continuum shell model 8-86463
- Hohne, J. *see* Wehrte, E. 8-91975
- Hohne, K.H. *see* Sonne, B. 8-92690
- Holstad, B. *see* Nasser, M.A. 8-70532
- Hojman, S., Rosenbaum, M., Ryan, M.P., Shepley, L.C. Gauge invariance, minimal coupling, and torsion 8-78084
- Hojo, J., Oku, T., Kato, A. Tungsten carbide powders produced by the vapour phase reaction of the $WCl_6-CH_4-H_2$ system 8-60626
- Hojvat, C. *see* Conetti, S. 8-93905
- Hojvat, C. *see* Hartmann, J. 8-62460
- Hoke, W.E. *see* Voss, H.L. 8-50572
- Hol, W.G.J., van Duijn, P.T., Berendsen, H.J.C. The α -helix dipole and the properties of proteins 8-61140
- Holah, G.D. *see* Dempsey, J. 8-79077
- Holakovsky, J., Smutny, F. Is there an isomorphous phase transition in cubic nickel iodine borate at 120K? 8-79764
- Holas, A. *see* Kagan, Yu. 8-91300
- Holbak, B. *see* Henriksen, K. 8-85755
- Holber, W.M. *see* Faubel, M. 8-54506
- Holboke, L.E. *see* Hedley, W.H. 8-94822
- Holborn, E.A.S. Gleanings of fan engineering 8-63238
- Holcomb, D.F. *see* Tinelli, G.A. 8-68402
- Holcomb, W.K. *see* Halley, J.W. 8-68003
- Holcombe, C.E., Banker, J.G. Uranium/ceramic oxide and carbon/ceramic oxide interaction studies 8-85154
- Holcombe, C.E., Jr. Observations on very low expansion oxides 8-83981
- Holcombe, C.E., Jr., Smith, D.D. Characterization of the thermally contracting tungstates $Ta_{22}W_4O_{67}$, Ta_2WO_8 , and $Ta_{16}W_{18}O_{94}$ 8-63869
- Holcombe, J.A. An inexpensive, reflective, image rotator 8-74065
- Holcombe, J.A. *see* McGonagle, L.C. 8-86337
- Holczer, K., Janossy, A. Dielectric permeability of the quasi one dimensional charge transfer salts: $Qn(TCNQ)_2$ and $NMeAd(TCNQ)_2$ 8-60116
- Holczer, K., Janossy, A. Dielectric permeability of the quasi-one-dimensional charge transfer salts: $Qn(TCNQ)_2$ and $NMeAd(TCNQ)_2$ 8-79985
- Holczer, K., Michaly, G., Janossy, A., Gruner, G., Kertesz, M. Complex TCNQ salts with asymmetric donors. I. Transport properties 8-60115
- Holczer, K. *see* Kemeny, T. 8-60119
- Holdeman, L.B. Trapped-flux spin-down torques on a spherical superconducting gyroscope 8-57941
- Holdeman, L.B., Chang, C.C. Josephson voltage standards—an application for cryocoolers? 8-93729
- Holden, A.V., Rubio, J.E. Retardation currents in excitable membranes and models of flicker noise 8-92618
- Holden, B.S., Katz, J.L. The homogeneous nucleation of bubbles in superheated binary liquid mixtures 8-67818
- Holden, F. Visual double stars measured at Las Campanas Observatory, Chile 8-85978
- Holden, F. Double star measures at Lick Observatory, Mount Hamilton, California 8-85979
- Holden, H.D. *see* Arya, V.K. 8-53736
- Holden, N.E. *see* Burrows, T.W. 8-82407
- Holden, T.M. *see* Dolling, G. 8-59900
- Holden, T.M. *see* Svensson, E.C. 8-68200
- Holder, M., Knobloch, J., May, J., Paar, H.P., Palazzi, P., Schlatter, D., Steinberger, J., Suter, H., Wahl, H., Williams, E.G.H., Eisele, F., Geweniger, C., Kleinknecht, K., Spahn, G., Willutzki, H.-J., Dorth, W., Dydak, F., Flottmann, T., Hepp, V., Tittel, K., Wotschack, J., Bloch, P., Devaux, B., Grimm, M., Maillard, J., Peyaud, B., Rander, J., Savoy-Navarro, A., Turlay, R., Navarra, F.L. Performance of a magnetized total absorption calorimeter between 15 GeV and 140 GeV 8-55103
- Holder, M. *see* Hansl, T. 8-74244, 8-89698, 8-89860
- Holding, J. *see* McNulty, G.J. 8-90598
- Holdren, J.P. *see* Hafehe, W. 8-78430
- Holdsworth, G., Glynn, J. Iceberg calving from floating glaciers by a vibrating mechanism 8-81197
- Holdsworth, R.N. *see* Shiraishi, Y. 8-80921
- Holdsworth, S.R. *see* Jolley, G. 8-64661
- Holec, B., Ciampor, F. Accessory equipment for the transfer and orientation of ultrathin serial sections 8-73976
- Holeman, G.R. *see* Price, K.W. 8-73246, 8-94157
- Holfeld, A. Measuring deformation of structural components by means of the Moire effect 8-88587
- Holigan, M. *see* Krejci, V. 8-75282
- Hollik, A.S. *see* Kambour, R.P. 8-68775
- Holinde, K. Influence of the IINN form factor on two-nucleon data 8-70369
- Holinde, K., Machleidt, R. Role of the range of isobar potentials and of the Δ p-vertex in NN-scattering 8-66140
- Holkeboer, D.H., Parfitt, W., Schlereth, F.H., McGinnis, P.F. Quadrupole gas analyzer with integral microprocessor 8-73109
- Holland, A.C., Thomas, R.W.L., Pearce, W.A. Information content of sky intensity and polarization measurements at right angles to the solar direction 8-81401
- Holland, B.W. *see* White, S.J. 8-67910
- Holland, B.W. *see* Woodruff, D.P. 8-95659
- Holland, C.J. *see* Berryman, J.G. 8-67321
- Holland, D. *see* Brookes, C.J. 8-81100
- Holland, G.E. *see* McMasters, G.D. 8-64468
- Holland, H.D. The $CO_2-HCO_3^-CO_3^{2-}$ system through geologic time and its implications for the evolution of the atmosphere 8-73515
- Holland, J.P., Merklin, J.F., Razvi, J. The radiolysis of dedecane-tributylphosphate solutions 8-74459
- Holland, L., Ojha, S.M. Infrared transparent and amorphous carbon grown under ion impact in a butane plasma 8-52688
- Holland, L., Rizk, A. Sputtering and reactive effects in a stainless steel tube during glow discharge treatment 8-70141
- Holland, L., Walker, J., Oosterkamp, W.J. Thermal neutron fluxes produced in water by various isotopes and accelerator neutron sources 8-55077
- Holland, L. Rozier *see* Rozier Holland, L.
- Holland, M.M. *see* Colleraine, A.P. 8-54970
- Holland, P.M., Castleman, A.W., Jr. Gas phase complexes: considerations of the stability of clusters in the sulfur trioxide-water system 8-76840
- Holland, P.M., Ely, J.F., Hanley, H.J.M. A method for the numerical evaluation of the second virial coefficient for polyatomic molecules 8-91050
- Holland, R.E., Lynch, F.J., Belt, B.D. Inhibited electric-quadrupole transitions in odd-neutron spherical nuclei 8-78310
- Holland, R.F. *see* Flicker, H. 8-71085
- Holland, R.F. *see* Kim, K.C. 8-66541
- Holland, R.F. *see* Maier, W.B., II 8-95937

- Holland, R.S.** *see* Placious, R.C. 8-69198
- Holland, U.**, Luty, F. Hydrostatic pressure effects on the absorption and emission of $F_2(Li)$ centers in KCl 8-92117
- Holland, U.** *see* Wahl, J. 8-87817
- Holland-Moritz, E.** *see* Loewenhaupt, M. 8-68164
- Hollander, W.**, Schumann, G., Schormann, J. A condensation nuclei counter with inherent size resolution capability 8-81470
- Hollands, K.G.T.** *see* Raithby, G.D. 8-90885, 8-94692
- Hollandsworth, C.E.** *see* Lueders, D.H. 8-50091
- Hollas, C.L.**, Newson, C.R., Riley, P.J., Bonner, B.E., Glass, G. A measurement of the deuterium spectrum in the $np \rightarrow d(\pi\pi)^0$ at 800 MeV 8-70384
- Hollas, C.L.** *see* Aniol, K.A. 8-78397
- Hollas, C.L.** *see* Bonner, B.E. 8-62445
- Hollas, C.L.** *see* Frawley, A.D. 8-58286
- Hollas, C.L.** *see* Glass, G. 8-62437
- Hollatz, R.**, Tempel, K. Unscheduled DNA-synthesis in UV-irradiated spleen lymphocytes of the rat after whole-body X-irradiation 8-69156
- Holloway, L.**, Bell, B. An analytical and experimental technique for testing GRP domes 8-72813
- Hollebeke, M.A.I.** *see* Van Hollebeke, M.A.I.
- Hollenbach, R.E.** *see* Grady, D.E. 8-81151
- Hollenberg, K.**, Muller, F. Shock-wave compression measurements of aluminium, polymethylmethacrylate and polyvinylchloride by X-ray absorption 8-95618
- Hollenstein, Ch.** *see* Kawai, Y. 8-67354
- Hollenstein, H.**, Winther, F. K-structure analysis of the A and E components of the torsional fundamental of acetaldehyde and investigation of torsional combination bands 8-78696
- Holler, F.J.**, Crouch, S.R., Enke, C.G. Computerized circuit for the precise measurement of rapid temperature changes 8-49829
- Holler, F.J.** *see* Crouch, S.R. 8-95971
- Holler, P.**, Barbian, O.A. Non-destructive-material-testing by ultrasonics and reconstruction of defects by signal-locus-curves 8-92435
- Holler, W.**, Windischbauer, G., Cabaj, A., Keck, G. Moire topography for the presentation of tooth surfaces 8-80992
- Holley, C.E., Jr.** *see* Brink, I.J. 8-61041
- Holley, M.J., Jr.** *see* Banerjee, A.K. 8-94049
- Holley, T.K.** *see* Anderson, C.J. 8-77997
- Holley, W.R.** *see* Clark, D.J. 8-78526
- Holley, W.R.** *see* Stephenson, E.J. 8-70217
- Hollinger, A.B.**, Welsh, H.L. High resolution rotation-vibration Raman spectra of benzene. I. The totally symmetric bands of C_6H_6 8-70838
- Hollinger, G.** *see* Tran Minh Duc 8-84703
- Hollinger, J.P.** Microwave scanning radiometry 8-73550
- Hollinger, J.P.** *see* Lerner, R.M. 8-65338
- Hollingsworth-Smith, P.** *see* Sari, S.O. 8-88333
- Hollingsworth-Smith, P.** Diameters of the Galilean satellites from Pioneer data 8-85893
- Hollis, A.A.**, Mitchell, J.T.D. Reversed field pinch reactor study. III. Preliminary engineering design 8-58472
- Hollis, D.L.** *see* Hanley, W.R., Jr. 8-78507
- Hollis, D.P.**, Nunnally, R.L., Taylor, G.J., IV., Weisfeld, M.L., Jacobus, W.E. Phosphorus nuclear magnetic resonance studies of heart physiology 8-69018
- Hollis, J.M.** *see* Watson, W.D. 8-65673
- Hollis, M.J.** Multiphoton ionization and EM field gradient forces 8-66608
- Hollitscher, H.** *see* Lavers, J.D. 8-90342
- Hollo, L.** *see* Vero, J. 8-85773
- Hollos-Nagy, K.** *see* Demeter, I. 8-61166
- Holloway, D.C.**, Pataca, A.M., Fournay, W.L. Direction-sensitive displacement analysis by multiple frequency holographic interferometry 8-54338
- Holloway, F.** *see* Bliss, E. 8-59033
- Holloway, F.** *see* Suski, G. 8-59034
- Holloway, G.** Order and disorder in nonlinear fluid motions 8-94629
- Holloway, J.H.** *see* Atherton, M.J. 8-63730
- Holloway, L.E.** *see* Alper, B. 8-70414
- Holloway, P.H.** *see* Madey, T.E. 8-72687
- Holloway, P.H.** *see* Rye, R.R. 8-92566
- Holloway, R.W.** *see* Gagnon, W.L. 8-55015, 8-59038
- Hollstein, T.**, Blauel, J.G. On the characterization of elasto-plastic material behavior using the concepts of crack opening stretch and J integral 8-72854
- Hollweg, J.V.** Alfvén waves in the solar atmosphere 8-53909
- Hollweg, J.V.** Fast wave evanescence in the solar corona 8-89147
- Hollweg, J.V.**, Lilliequist, C.G. Geometrical MHD wave coupling 8-77450
- Hollworth, B.R.**, Berry, R.D. Heat transfer from arrays of impinging jets with large jet-to-jet spacing 8-90953
- Holly, S.**, Aiken, S. CO_2 probe laser with rapid wavelength switching 8-59044
- Hollyfield, J.G.**, Basinger, S.F. Photoreceptor shedding can be initiated within the eye 8-85309
- Holm, A.** *see* Dupree, A.K. 8-96569
- Holm, A.** *see* Heap, S.R. 8-96474
- Holm, A.** *see* Lane, A.L. 8-93133
- Holm, A.** *see* Linsky, J.L. 8-96475
- Holm, A.V.** *see* Boggess, A. 8-96383
- Holm, E.**, Persson, B.R.R. Global fallout of curium 8-57263
- Holm, R.**, Storp, S. ESCA investigations of ion beam effects on surfaces 8-52612
- Holm, R.T.**, Palik, E.D. Two-interface surface-polariton modes: GaAs epitaxial film on GaAs substrate 8-60180
- Holm, R.T.** *see* Palik, E.D. 8-71161, 8-95613
- Holm-Kennedy, J.W.** *see* Ury, I. 8-64125
- Holman, D.W.** *see* Ballard, R.V. 8-80975
- Holman, G.D.** *see* Lea, S.M. 8-57655
- Holman, R.L.** *see* Sarid, D. 8-94431
- Holmberg, P.**, Hyvonen, M., Tarvainen, M. Cross-sections of 14 MeV neutron reactions on phosphorus and calcium 8-70520
- Holmberg, P.** *see* Rieppo, R. 8-90020
- Holmes, C.R.** *see* Winn, W.P. 8-85636
- Holmes, D.K.** *see* Hoffman, T.J. 8-86689, 8-92158
- Holmes, F.A.** *see* Emtage, P.R. 8-75468
- Holmes, J.A.** *see* Peng, Y.-K.M. 8-58419
- Holmes, J.E.** *see* Shareck, M.W. 8-70209
- Holmes, J.F.** *see* Pincus, P.A. 8-66758
- Holmes, J.G.** Beam shape from narrow-beam projectors 8-59105
- Holmes, J.L.**, Osborne, A.D. Metastable ion studies. X. A Monte Carlo method for the computation of metastable peak shapes 8-70968
- Holmes, J.N.**, Judd, M.W., Walesby, D.H. A high-quality all-digital sound spectrograph developed for speech signal analysis 8-63251
- Holmes, L.M.** Stability of magnetic levitation 8-66713
- Holmes, N.C.**, Siegman, A.E. The optically pumped mercury vapor laser 8-66843
- Holmes, P.**, Marsden, J. Bifurcation to divergence and flutter in flow-induced oscillations: an infinite dimensional analysis 8-89336
- Holmes, P.J.**, Rand, D.A. Bifurcations of the forced van der Pol oscillator 8-77681
- Holmes, Q.A.** *see* Engvall, J.L. 8-65440
- Holmes, R.** *see* Agarwal, M.S. 8-87572
- Holmes, S.D.** *see* Bebek, C.J. 8-66128
- Holmes, S.M.** *see* English, C.A. 8-83823
- Holmgren, B.** *see* Aden, T. 8-86736
- Holmgren, D.** *see* Burnett, T.H. 8-89853, 8-89854
- Holmgren, D.** *see* Moriyasu, K. 8-66165
- Holmgren, S.L.**, Waldman, M., Klemperer, W. Internal dynamics of van der Waals complexes. II. Determination of a potential energy surface for $ArHCl$ 8-94299
- Holmgren, S.O.** *see* Kluyver, J.C. 8-82233
- Holmgren, S.O.** *see* Stenbacka, R. 8-54645
- Holmgren, S.-O.**, Pennington, M.R. Is the $\epsilon(700)$ a four quark bag? 8-82147
- Holmstrom, R.** *see* Lagowski, J. 8-87877
- Holmstrom, R.P.**, Lagowski, J., Galos, H.C. Electron beam-induced decomposition and desorption: ZnO 8-79893
- Holmstrom, F.E.**, Churchill, J.N., Collins, T.W. Saturation radiation effects in MOS devices 8-60209
- Holonyak, N., Jr.**, Kolbas, R.M., Dupuis, R.D., Dapkus, P.D. Room-temperature continuous operation of photopumped MO-CVD $Al_{0.4}Ga_{0.6}As$ -GaAs- $Al_{0.4}Ga_{0.6}As$ quantum-well lasers 8-74908
- Holonyak, N., Jr.** *see* Chin, R. 8-63120
- Holonyak, N., Jr.** *see* Dupuis, R.D. 8-92120
- Holop, H.** *see* Frey, P. 8-90132
- Holroyd, E.W., III**, Super, A.B., Silverman, B.A. The practicability of dry ice for on-top seeding of convective clouds 8-73531
- Holroyd, F.W.**, Datars, W.R. de Haas-van Alphen effect in gallium 8-84132
- Holroyd, F.W.**, Fawcett, E., Perz, J.M. Stress dependence of the Fermi surface of rhenium 8-91599
- Holroyd, R.A.**, Cipollini, N.E. Correspondence of conduction band minima and electron mobility maxima in dielectric liquids 8-80029
- Holscher, A.A.** *see* Bouwman, R. 8-53022
- Holscher, J.G.A.** Field emission by ion clusters of higher order in helium 8-67550
- Holschwander, L.H.** *see* Ryden, W.D. 8-72721
- Holstein, P.A.** *see* Billon, D. 8-58490
- Holstein, T.** Reaction-rate treatment of small-polaron hopping. The role of vibrational relaxation 8-72092
- Holstein, T.**, Lyo, S.K., Orbach, T. Optical energy transfer in disordered systems 8-92105
- Holstein, T.** *see* Alexander, S. 8-88090
- Holsztynski, W.**, Slawny, J. Peierls condition and number of ground states 8-80150
- Holt, A.R.**, Uzunoglu, N.K., Evans, B.G. An integral equation solution to the scattering of electromagnetic radiation by dielectric spheroids and ellipsoids 8-85622
- Holt, A.R.** *see* Evans, B.G. 8-53677
- Holt, D.B.** *see* Gejji, F.H. 8-84085
- Holt, J.B.** *see* Sasmor, D.J. 8-86593
- Holt, J.G.**, Stanton, R.E., Sell, R.E. Ionization collection efficiencies of some ionization chambers in pulsed and continuous radiation beams 8-53505
- Holt, J.M.** *see* Evans, J.V. 8-93034
- Holt, K.V.** *see* Kirk, H.G. 8-82252
- Holt, K.** *see* Von Holt, K.
- Holt, R.A.** Model for 'inverted' primary creep in β -phase Zircaloy-4 fuel sheathing 8-86615
- Holt, R.A.**, Sills, H.E. A mathematical model for transient deformation of α -zirconium-tin alloys 8-86616
- Holt, R.J.** *see* Bowles, T.J. 8-93988
- Holt, R.J.** *see* Burman, R.L. 8-70573
- Holt, R.M.**, Fossheim, K., Raean, A.M. Light-sensitive surface-barrier generation of acoustic volume waves 8-63252
- Holt, R.M.** *see* Fossheim, K. 8-94502
- Holt, R.S.**, Cooper, M., Hirst, D.M. Experimental and theoretical Compton profiles of cis and trans-2-butene 8-50597
- Holt, S.L.** *see* Alcock, N.W. 8-63745
- Holt, S.L.** *see* Berretz, M. 8-64196
- Holt, S.S.** *see* Pravdo, S.H. 8-93458
- Holt, W.H.** *see* Mock, W., Jr. 8-59856
- Holtan, H.** *see* Nisancioglu, K. 8-72900
- Holtbecker, H.**, Schins, H., Jorzik, E., Klein, K. Sodium-fuel interaction: dropping experiments and subassembly test 8-82460
- Holter, G.D.**, Binney, S.E. The use of nuclear systematics to estimate gamma spectra 8-70587
- Holtreiter, W.** A low frequency millivoltmeter attachment for multiple measurements 8-74032
- Holth-Larsen, B.** *see* Hongve, D. 8-95970
- Holthuisen, A.** *see* Sterrenburg, W.A. 8-93943
- Holthuisen, A.** *see* Zalm, P.C. 8-91999
- Holtzberg, F.**, Coey, J.M.D., von Molnar, S., Cornut, B. Magnetic properties of $EuSm_2S_4$ and $SrSm_2S_4$ 8-68237
- Holtzberg, F.** *see* Cornut, B. 8-80122
- Holtzberg, F.** *see* Guntherodt, G. 8-60464
- Holtzberg, F.** *see* Mehran, F. 8-68374
- Holtzberg, F.** *see* Merlin, R. 8-84581
- Holtzberg, F.** *see* Moon, R.M. 8-68163
- Holtzberg, F.** *see* Roedhammer, P. 8-59901
- Holtzberg, F.** *see* Triplett, B.B. 8-76368
- Holuj, F.** ESR of Cu^{2+} in $Ca(OD)_2$; secondary spectra 8-88174
- Holuj, F.**, Jesmanowicz, A. EPR of Fe^{3+} in andalusite and kyanite at V-band and the pair spectra 8-80204
- Holvast, A.J.C.D.** *see* Maas, J.W. 8-66206
- Holy, J.A.** *see* Klein, M.V. 8-52500
- Holy, K.** *see* Oravec, J. 8-55094
- Holye, C.E.**, Guillet, J.E. Time-resolved fluorescence spectra of poly(1-naphthyl methacrylate) and the 1-naphthyl methacrylate copolymer with 9-vinylanthracene 8-80401
- Holynski, R.** *see* Babecki, J. 8-62524
- Holys, A.** *see* Diatta, C.S. 8-83625
- Holz, A.** Three-dimensional rotator model and vortex plasma 8-95266
- Holz, A.**, Medeiros, J.T.N. Melting transition of two-dimensional crystals 8-51645
- Holz, A.**, Penson, K.A., Bennemann, K.H. Theory of discontinuous metal-insulator and spin-dimerization transition in VO_2 8-51893
- Holz, A.** *see* Penson, K.A. 8-68242
- Holz, K.-P.** Explicit finite-element formulation for the calculation of long-period flat waves in water 8-94755
- Holz, M.**, Sow-Hsin Chen Tracking bacterial movements using a one-dimensional fringe system 8-73299
- Holz, M.**, Sow-Hsin Chen Quasi-elastic light scattering from migration chemotactic bands of *Escherichia coli* 8-77018
- Holz, M.**, Sow-Hsin Chen Structural effects in quasi-elastic light scattering from motile bacteria of *E. coli* 8-77024
- Holzappel, W.**, Yersin, H., Gliemann, G., Otto, H.H. Polarized emission studies and crystal data of $KLi[Pt(CN)_4] \cdot 2H_2O$ 8-52538
- Holzappel, W.B.** *see* Butz, T. 8-52384
- Holzappel, W.B.** *see* d'Amour, H. 8-83875
- Holzappel, W.B.** *see* Denner, W. 8-75501
- Holzappel, W.B.** *see* Jodi, H.J. 8-52479
- Holzappel, W.B.** *see* Syassen, K. 8-82089, 8-83876
- Holzappel, W.B.** *see* Wortmann, G. 8-52387
- Holzer, H.** *see* Leopold, H. 8-81085
- Holzer, J.A.**, Sung, C.C. Scattering of electromagnetic waves from a rough surface. II 8-58885
- Holzer, R.E.**, Slavin, J.A. Magnetic flux transfer associated with expansions and contractions of the dayside magnetosphere 8-96355
- Holzer, T.E.** *see* Joselyn, J. 8-57533

- Holzer, W.**, Ouilion, R. Collision-induced Raman scattering in CO_2 at the frequency of the ν_2 and ν_3 inactive vibrations 8-90175
- Holzer, W.**, Racine, S., Cipriani, J. Solved and unsolved problems in the Raman spectrum of S_2^- in KI single crystals 8-56482
- Holzgraeffe, M.**, Wolff, J.R. A device for dark field microphotography at low magnifications 8-58025
- Holzhauser, E.** Scattering at $10.6 \mu\text{m}$ from thermal plasma fluctuations to determine the ion temperature using light mixing 8-67431
- Holzhauser, E.** see Hirsch, K. 8-51347
- Holzhauser, U.** see Fuhs, W. 8-87713
- Holz, R.A.** Controlled nucleation thermochemical deposition 8-92387
- Holzmann, M.** see Vlach, B. 8-68815
- Holzmann, P.**, Pahl, M., Lindinger, W. Angular distribution of fast electrons from a hollow cathode discharge 8-67529
- Holzmann, P.** see Handle, F. 8-67528
- Holzschuh, E.** see Echt, O. 8-92011
- Holzwarth, A.R.** see Wild, U.P. 8-54465
- Holzwarth, G.** see Sagawa, H. 8-66233
- Holzworth, G.C.** Estimated effective chimney heights based on Rawinsonde observations at selected sites in the United States 8-85684
- Hom, D.C.** see Yoh, J.K. 8-82344
- Homaïdan, N.**, Chamoun, E., Abou-Chacra, R. Method of measurement of coefficients of relaxation in atomic collisions 8-58771
- Homaïdan, N.** see Abou-Chacra, R. 8-60088
- Homann, Ch.**, Hubner, H., Botticher, W. Determination of the recombination coefficient in CO_2 laser discharges 8-90407
- Home, R.** Binocular summation and its implications in the collimation of binocular instruments 8-53417
- Home, R.** Binocular summation: a study of contrast sensitivity, visual acuity and recognition 8-61188
- Homentcovschi, D.** On the determination of some plane-parallel potential fields in mixed boundary conditions 8-82877
- Homentcovschi, D.**, Galan, N. Coaxial MHD generator 8-55758
- Homer, R.J.** see Berglund, A. 8-66160
- Homer, R.J.** see Corden, M.J. 8-62470
- Homeyer, H.** see Pieper, S.C. 8-82378
- Homma, H.**, Nakazawa, H. Effect of mechanical properties of material on rate of fatigue crack propagation 8-90776
- Homma, M.** see Belli, Y. 8-68221
- Homma, S.** see Arai, I. 8-74347
- Homma, S.** see Miyazawa, Y. 8-83760
- Hommert, P.J.**, Viskanta, R. High temperature gas diagnostics by spectral remote sensing 8-74002
- Homsy, G.M.** see Hsu, C.T. 8-94813
- Homsy, G.M.** see Walker, K.L. 8-91007
- Hon, D.T.**, Bruesselbach, H.W., Woodbury, E.J. High average power frequency doubling for dye laser pumping 8-59090
- Honciuc, M.**, Motoc, C., Baciuc, I., Cuculescu, I. On the conduction mechanism in cholesteryl laurate and cholesteryl caprilate 8-64046
- Honciuc, M.** see Motoc, C. 8-75813
- Honciuc, M.** see Sofron, E. 8-83723
- Honda, F.**, Lancaster, G.M., Rabalais, J.W. High mass secondary ion clusters of caesium iodide detected by SIMS 8-88400
- Honda, H.** see Fujii, T. 8-94552
- Honda, I.** see Adachi, H. 8-56421
- Honda, K.**, Abe, Y., Sato, K., Fujii, K. Parity-violating amplitudes of charmed-baryon nonleptonic decays due to 45- and 45*-Hamiltonian 8-62398
- Honda, K.**, Hosokawa, N., Sarai, T. Elastic deformation behaviours of anisotropic materials 8-64586
- Honda, K.**, Nakano, H. Relaxation behaviour of the Ising model with degeneracies near spinodal and critical lines 8-65880
- Honda, K.** see Abe, Y. 8-58167
- Honda, K.** see Higashi, S. 8-55081
- Honda, K.** see Ogura, K. 8-67100
- Honda, K.** see Takahashi, A. 8-79861
- Honda, M.** see Tohyama, K. 8-74794
- Honda, S.** see Ideshita, T. 8-68318
- Honda, T.**, Sasada, T., Kurosawa, K. The electroviscous effect in the MBBA liquid crystal 8-87804
- Honda, T.** see Ejima, T. 8-59962
- Honda, T.** see Kusaka, Y. 8-55756, 8-59688
- Honda, T.** see Saito, T. 8-58947
- Hondeghem, L.M.**, Strichartz, G., Cohen, I. Validity of dV_{mvt}/dt as a measure of the sodium current in cardiac and nervous tissues [and reply] 8-77037
- Hone, D.**, Muhlschlegel, B., Scalapino, D.J. Theory of light emission from small particle tunnel junctions 8-80066
- Honebrink, R.W.** see Johnson, L.H. 8-78961
- Honebrink, R.W.** see Lo, D.S. 8-71065
- Honecker, R.** see Grassler, H. 8-62466
- Honerjager, P.** see Baker, P.F. 8-56960
- Honerlage, B.**, Bivas, A., Vu Duy Phach Determination of the excitonic polariton dispersion in CuCl by resonant two-photon Raman scattering 8-72509
- Honerlage, B.**, Vu Duy Phach, Grun, J.B. Polarization properties of biexciton luminescence and two-photon Raman emission in CuCl 8-80406
- Honerlage, B.** see Schroder, U. 8-64007
- Hones, E.W., Jr.** Comment on 'On hot tenuous plasmas, fireballs, and boundary layers in the Earth's magnetotail' by L.A. Frank, K.L. Ackerson, and R.P. Lepping 8-57404
- Hones, E.W., Jr.** Processes at the magnetotail boundary: comments on 'On hot tenuous plasmas, fireballs, and boundary layers in the Earth's magnetotail' by L.A. Frank, K.L. Ackerson, and R.P. Lepping 8-77438
- Hones, E.W., Jr.**, Frank, L.A., DeCoster, R.J., Ackerson, K.L. Some characteristics of rapidly flowing magnetotail plasmas: further comments on 'On hot tenuous plasmas, fireballs, and boundary layers in the Earth's Magnetotail' by L.A. Frank, K.L. Ackerson, and R.P. Lepping 8-89012
- Hones, E.W., Jr.** see Caan, M.N. 8-89007
- Hones, E.W., Jr.** see Palmer, I.D. 8-89000
- Hones, E.W., Jr.** see Pytte, T. 8-88990
- Hones, E.W., Jr.** see Stiles, G.S. 8-89009
- Honeycombe, R.W.K.** see Dunlop, G.L. 8-64668, 8-84874
- Honeycombe, R.W.K.** see Edmonds, D.V. 8-88468
- Honeycombe, R.W.K.** see Sare, I.R. 8-84855
- Honeycombe, R.W.K.** see Wood, J.V. 8-72798
- Honeycombe, W.K.** see Bee, J.V. 8-64525
- Honeycutt, R.K.** see Gow, C.E. 8-81669
- Honeycutt, R.K.** see Sandford, M.T. 8-81544
- Honeywell, W.I.** see Vevai, J.E. 8-81899
- Hong, C.S.**, Yariy, A., Chen, B. Electro-optic scanning of light coupled from a corrugated LiNbO_3 waveguide 8-63172
- Hong, H.Y.-P.** Crystal structure and ionic conductivity of $\text{Li}_2\text{Zn}(\text{GeO}_4)_2$ and other new Li^+ superionic conductors 8-51728
- Hong, H.Y.-P.**, Kafalas, J.A., Bayard, M. High Na^+ -ion conductivity in $\text{Na}_3\text{Y}_2\text{Si}_4\text{O}_{12}$ 8-91479
- Hong, J.D.**, Davis, R.F. Deposition of diffusion tracers on SiC using a travelling solvent zone 8-51742
- Hong, J.H.** see Shin, H.J. 8-79956
- Hong, J.Y.** see Krawczonek, W.M. 8-54937
- Hong, J.Y.** see Reece Roth, J. 8-63548
- Hong, K.C.** see Kleppa, O.J. 8-59945
- Hong, K.M.**, Noolandi, J. Solution of the Smoluchowski equation with a Coulomb potential. I. General results 8-73050
- Hong, K.M.**, Noolandi, J. Solution of the Smoluchowski equation with a Coulomb potential. II. Application to fluorescence quenching 8-73051
- Hong, K.M.**, Noolandi, J. Time-dependent escape rate from a potential well 8-79888
- Hong, K.M.** see Noolandi, J. 8-72446
- Hong, N.S.**, Jones, A.R. Some aspects of light scattering in laser fringe anemometers 8-83020
- Hong, S.O.** see Hwang, K.F. 8-62658
- Hong, S.O.** see Larbalestier, D.C. 8-64652
- Hong, S.O.** see Michaelson, P.F. 8-54931
- Hong, S.P.**, Beaty, E.C. Measurements of the triple-differential cross section for low-energy electron-impact ionization of argon 8-74773
- Hong, S.P.** see Beaty, E.C. 8-62924
- Hong, T.**, Suematsu, Y. Suppression of resonance-like phenomena in the light output of directly modulated injection lasers by π -type suppressor circuit 8-66853
- Hong, T.** see Furiya, K. 8-74905
- Hong Anh Vo** see Vo Hong Anh
- Hong Chen-Chin** see Chen-Chin Hong
- Hong Jung-Kai** see Jung-Kai Hong
- Hong Lin Lee** see Sata, T. 8-91434
- Hong Ly Di** see Ly Di Hong
- Hong Qin-Fang** see Ding You-Ji 8-69761
- Hong Suk Kim**, Sang Soo Lee A method of small angle polarisation modulation of light waves by the Faraday rotation effect 8-50918
- Hong Tuan Duong** see Liberman, S. 8-86829
- Hong-Mo, C.**, Fukugita, M., Hansson, T.H., Hoffman, H.J., Konishi, K., Hogaasen, H., Tsun, T.S. Colour chemistry—a study of metastable multiquark molecules 8-82158
- Hong-Mo, C.**, Hogaasen, H. A model for baryonium 8-58172
- Hong-Mo Chan** see Chan Hong-Mo
- Hong-Ye Liu** see Liu Hong-Ye
- Hong-Yu Wang** see Wang Hong-Yu
- Hongo, M.**, Iwasaki, H. The viscosity of nitrogen-ammonia system under pressures 8-51273
- Hongve, D.**, Holth-Larsen, B. Determination of total calcium in lake sediments by atomic absorption spectrophotometry 8-95970
- Honig, B.** see Aton, B. 8-64939
- Honig, B.** see Doukas, A.G. 8-73137
- Honig, E.M.** Dual 30 kA, HVDC interrupter test facility 8-55035
- Honig, E.P.**, de Koning, B.R. Transient and alternating electric currents in thin organic films 8-84311
- Honig, J.M.** see Keem, J.E. 8-72152
- Honig, J.M.** see Kuwamoto, H. 8-52213
- Honig, R.E.** see Magee, C.W. 8-54495
- Honigschmid, J.**, Pscheid, P., Bucher, E. Anomalous photovoltaic effect in thin polycrystalline CuInSe_2 films 8-68102
- Honjo, G.** Crystal growth of evaporated thin films 8-91568
- Honjo, G.** see Takayanagi, K. 8-55790
- Honjou, N.**, Tanaka, K., Ohno, K., Taketa, H. Configuration interaction calculation of the O_2^+ ion and study of the photoelectron spectra of O_2 8-74585
- Honjou, N.** see Shimakura, N. 8-50480
- Honkasalo, J.A.** see Hanninen, H.E. 8-64786
- Honkura, Y.** see Yukutake, T. 8-96127
- Honna, S.** see Miyazawa, Y. 8-59772, 8-95690
- Honsalek, U.**, Niemeyer, H. Constructive considerations on solution of exterior problems in oscillation equations 8-90337
- Honusek, M.** see Adam, J. 8-74334
- Honvault, C.** The in-orbit performance of, and early results from Meteosat 8-88875
- Honzawa, T.**, Kumasaka, K. Large amplitude electrostatic shock-like waves generated in warm ion plasmas 8-59621
- Hood, D.** see Alam, M.S. 8-66167
- Hood, D.M.**, Schaefer, H.F., III Singlet-triplet energy separation for silaethylene 8-58594
- Hood, G.M.** An atom size effect in tracer diffusion 8-84005
- Hood, G.M.**, McKee, B.T.A. Some systematics of positron-vacancy interactions in metals 8-76547
- Hood, J.T.** see Mullani, N.A. 8-80959
- Hood, L.**, Russell, C.T., Coleman, P.J., Jr. Evidence for a non-random magnetization of the Moon 8-61764
- Hood, S.T.**, Dixon, A.J., Weigold, E. A gas-discharge atomic hydrogen source for electron-scattering experiments 8-94332
- Hood, S.T.** see Dixon, A.J. 8-55242
- Hood, W.P., Jr.**, Smith, L.R., Amende, I., Simon, R., Lichtlen, P.R. Application of a computerized system for analysis of regional left ventricular function [from cineangiograms] 8-80963
- Hooft, G.** 't see 't Hooft, G.
- Hooft, G.W.** 't see 't Hooft, G.W.
- Hoog, F.J.** de see de Hoog, F.J.
- Hooge, F.N.**, Vandamme, L.K.J. Lattice scattering causes 1/f noise 8-64074
- Hooge, F.N.** see Poullis, J.A. 8-65906, 8-65908
- Hoogendoorn, C.J.**, Euser, H. Velocity profiles in the turbulent free convection boundary layer 8-94693
- Hoogendoorn, C.J.** see Janssen, L.A.M. 8-94678
- Hoogendoorn, C.J.** see Schinkel, W.M.M. 8-94707
- Hoogervorst, C.J.P.**, de Goede, J., Versluis, C.W., Smit, J.A.M. Nonstationary diffusion through membranes. II. Transient diffusion through a membrane separating two semiinfinite volumes of unstirred solutions 8-92508
- Hoogervorst, C.J.P.**, Smit, J.A.M., Staverman, A.J. Nonstationary diffusion of polystyrenes through a cellophane membrane 8-73085
- Hoogervorst, C.J.P.**, van Dijk, J.A.P.P., Smit, J.A.M. Nonstationary diffusion through membranes. I. Transient diffusion through a membrane separating two unequal volumes of well-stirred solutions 8-92507
- Hoogewijs, R.**, Vennik, J. Extra-atomic electronic cross-relaxation energies in $\text{KL}_{2,3}\text{L}_{2,3}$ Auger transitions in small sodium clusters from SCF-X α -SW calculations 8-90334
- Hooghout, T.** see Vinke, R.V.H. 8-81051
- Hoogkamer, T.P.** see Woerlee, P.H. 8-78790
- Hoogland, H.** Minimal electromagnetic coupling in elementary quantum mechanics; a group theoretical derivation 8-54590
- Hoogland, H.** Gauge equivalence of representations of symmetry groups in quantum mechanics 8-77752
- Hook, J.R.** see Bagley, M. 8-91501
- Hook, J.W.**, III, Drickamer, H.G. High-pressure studies of thermoluminescence of doped ZnS phosphors 8-64419
- Hook, J.W.**, III, Drickamer, H.G. High pressure luminescence studies of indole and 5-methoxyindole in polymethylmethacrylate 8-84629
- Hook, W.A.** Van see Van Hook, W.A.
- Hooke, W.H.** see Beran, D.W. 8-53694
- Hooke, W.M.** see Kriz, A.H. 8-59627
- Hooke, W.M.** see Motley, R.W. 8-87493
- Hooker, S.V.** see Adler, W.F. 8-53001, 8-88543
- Hoon Kim Dong** see Dong Hoon Kim
- Hoon Kim Jae** see Jae Hoon Kim
- Hoon Lee Sang** see Sang Hoon Lee

- Hoonhout, D., Kerkdijk, C.B., Saris, F.W. Silicon epitaxy by pulsed laser annealing of evaporated amorphous films 8-56055
- Hoop, A.B., Jr. see Subramanyam, R. 8-65108
- Hooper, A. Fast ionic conductors 8-51724
- Hooper, A., McGeehin, P., Harrison, K.T., Toffield, B.C. Ionic conductivity of pure and doped Na_3PO_4 8-51725
- Hooper, A. see May, G.J. 8-67859
- Hooper, E.B., Jr. see Poulsen, P. 8-66378
- Hooper, G. see Edwards, D.H. 8-90930
- Hooper, J.E. see Albrow, M.G. 8-58214
- Hooper, R.M. see Bleay, J. 8-64460
- Hoose, J. The OMEGA fusion laser system 8-50811
- Hope, A. see Spring, K.K. 8-77032
- Hope, B.R. see Vold, R.C. 8-88585
- Hopt, R. see Engelen, B. 8-94987
- Hopfe, J. see Schmidt, V. 8-68733
- Hopfenberg, H.B. The effect of film thickness and sample history on the parameters describing transport in glassy polymers 8-76917
- Hopfenberg, H.B. see Nicolais, L. 8-76918
- Hopfinger, A.J. see Boyle, F.P. 8-67659
- Hopfinger, E.J. Buoyancy effects on the large scale structure of free turbulent shear flows 8-90849
- Hopfner, J. Analysis of long-term latitude determinations at Potsdam Observatory with respect to variations in their principal components 8-57158
- Hopirteanu, E. see Liteanu, C. 8-92549
- Hopke, P.K. see Meyer, R.A. 8-70496
- Hopkins, A.R. see White, D.R. 8-90034
- Hopkins, B.J. see Taylor, P.A. 8-79883
- Hopkins, D.B., Baker, W.R., Lutz, I.C., Owren, H.M., Voelker, F. The Lawrence Berkeley Laboratory power supply system for TFR neutral beam source development 8-66394
- Hopkins, D.B. see Owren, H.M. 8-66393
- Hopkins, F. see Brenn, R. 8-74735
- Hopkins, F. see Jamison, K.A. 8-62894
- Hopkins, F. see Matthews, D.L. 8-55152
- Hopkins, G.W. see Chen, C.W. 8-58900
- Hopkins, G.W. see Shack, R.V. 8-58020
- Hopkins, H.H. Optics in clinical medicine 8-57096
- Hopkins, J.C., Sullivan, R.A.L. Resistivity surveying 8-49623
- Hopkins, P., Jolley, G. Measurement of stretch zone width and δ_i in a low alloy naval steel 8-68813
- Hopkins, R.H., Kramer, W.E., Brandt, G.B., Schruben, J.S., Hoffman, R.A., Steinbruegge, K.B., Peterson, T.L. Fabrication and evaluation of erosion-resistant multispectral optical windows 8-71211
- Hopkins, R.H., Stewart, A.M., Daniel, M.R. Phase relations and A15-phase diffusion layer formation in the system Ag-Nb-Ga 8-52764
- Hopkins, T.R., Wait, R. A comparison of Galerkin, collocation and the method of lines for partial differential equations 8-77693
- Hopkinson, G.R. The optical screw as a path difference measurement and control device: analysis of periodic errors 8-77972
- Hopkinson, J.F.L. see Pendry, J.B. 8-52619, 8-95679
- Hopman, H.J., Jurgens, B., de Haan, P. Comments on: Interaction of a high intensity short pulse width relativistic electron beam with plasma [and reply] 8-59622
- Hopman, H.J. see Markvoort, J.A. 8-51336
- Hopman, H.J. see Massmann, P. 8-91122
- Hopman, H.J. see Sinman, A. 8-63573
- Hoppe, H.-O. see Duren, R. 8-66644
- Hoppe, N. see Verbeek, P. 8-58336
- Hoppe, R. see Zentgraf, H. 8-63736
- Hoppe, W., Hegerl, R., Guckenberger, R. Remarks on the statistical significance of cross-correlation functions 8-69971
- Hoppel, W.A. Determination of the aerosol size distribution from the mobility distribution of the charged fraction of aerosols 8-61065
- Hoppel, W.A. see Hudson, J.G. 8-61598
- Hoppensteadt, F.C. see Flaherty, J.E. 8-57794
- Hopper, C.T., Williams, F.W. Mode finding in nonlinear structural eigenvalue calculations 8-51102
- Hopper, D.G. Mechanisms of the reaction of positive atomic oxygen ions with nitrogen 8-60996
- Hopper, R.W. see Mizutani, U. 8-83969
- Hopson, R.W., Jr. see Pearsall, T.P. 8-72033
- Hopster, H., Ibach, H. Adsorption of CO on Pt (111) and Pt 6(111)×(111) studied by high resolution electron energy loss spectroscopy and thermal desorption spectroscopy 8-91547
- Hopstone, P. see Shalev, S. 8-90028
- Hopwood, L.E. see Meyer, K.R. 8-65095
- Hopwood, L.E. see Sapareto, S.A. 8-65088
- Hoque, M.D. Fazlul see Fazlul Hoque, M.D.
- Hora, H. Strong coupling of electrons to black body radiation at high temperatures 8-52624
- Hora, H. Reasons for the change of Fermi-Dirac statistics to strong coupling at temperatures of mc^2 8-55716
- Hora, H., Kane, E.L., Hughes, J.L. Generation of MeV and GeV ions by relativistic self-focusing from laser-irradiated targets 8-51323
- Hora, H., Kane, E.L., Hughes, J.L. Limitations for the generation of GeV ions from laser irradiated targets 8-55068
- Hora, H., Ray, P.S. Increased nuclear fusion yields of inertially confined DT plasma due to reheat 8-82517
- Hora, H. see Ray, P.S. 8-59664
- Horacek, B.M., Eifler, W.J., Gewirtz, H., Helppi, R.K., Macaulay, P.B., Sherwood, J.D., Smith, E.R., Tiberghien, J., Rautaharju, P.M. An automated system for body-surface potential mapping 8-81033
- Horak, J.A. see Kittel, J.H. 8-86606
- Horak, K. see Coupek, J. 8-64904
- Horak, Z. On the compatibility of paradoxical redshifts, observed in galaxies and quasars, with the theory of gravitation 8-73757
- Horalek, V. The study of quantitative methods of precipitation processes and intercrystalline failure 8-60672
- Horan, S. see Seeds, M.A. 8-73647
- Horani, M. see Gauyacq, D. 8-55193
- Horber, E. see Bienlein, J.K. 8-93894
- Horedt, G.P. On the angular momentum in star formation 8-69781
- Horgan, D.N., Jr. see Badertscher, N.L. 8-58409
- Horgan, R.R. see Caswell, W.E. 8-74147
- Hori, F. see Miura, S. 8-76721
- Hori, K. see Sekoguchi, K. 8-67249
- Hori, M. see Kanegae, N. 8-82418
- Hori, S. On the exact solution of Tomimatsu-Sato family for an arbitrary integral value of the deformation parameter 8-89377
- Hori, S. see Sogabe, T. 8-76659
- Hori, S. see Takemoto, T. 8-88562
- Hori, Y. see Muta, T. 8-92338
- Hori, Y. see Shimada, S. 8-85182
- Horie, H., Muto, K., Oda, T., Yokoyama, A. Shell-model studies of the low-lying states of the $1f_{7/2}$ nuclei and high-spin states in the N-28 region 8-54667
- Horie, J. Numerical solutions to critical problem of reflected cylindrical reactor 8-58326
- Horig, W. see Neumann, H. 8-92090
- Horig, W. see Schumann, B. 8-84104
- Horiguchi, K. see Kinoshita, S. 8-92860
- Horiguchi, M., Kawashi, M. Measurement technique of OH-ion distribution profile in rod preform of silica-based optical fiber waveguides 8-87130
- Horiguchi, M. see Fujita, H. 8-66846
- Horiguchi, S., Koyama, K., Ohtsuki, Y.H. Auger neutralization of slow protons at solid surfaces 8-72668
- Horiguchi, T., Morita, T. Temperature dependence of the NMR linewidth of ^{19}F in KMnF_3 in the paramagnetic region 8-60346
- Horiü, F., Kitamaru, R. Refined NMR analysis of the phase structure of solution-crystallized linear polyethylene 8-71684
- Horiü, K. see Sumi, S. 8-92930
- Horiü, S. see Bando, Y. 8-64241
- Horiike, H. see Ohara, Y. 8-54912
- Horiike, Y. see Shibagaki, M. 8-84718
- Horik, M.P. Van see Van Horik, M.P.
- Horikawa, A. see Maruyama, Y. 8-92689
- Horikawa, N. see Fukushima, M. 8-62409
- Horiki, M. see Ohji, K. 8-52954
- Horikoshi, Y. see Kobayashi, T. 8-66830
- Horinaka, H., Yamamoto, N., Miyauchi, T. A measurement of polarization characteristics of anisotropic emission source 8-74047
- Horinaka, H. see Susaki, M. 8-88349
- Horioka, K., Kasuya, K., Niu, K., Murasaki, T. Comparisons between numerical and approximate solutions for vibrational-nonequilibrium nozzle flows of CO_2 - N_2 mixtures 8-74881
- Horita, H. see Baba, S. 8-72729
- Horiuchi, H. Cluster structure of light nuclei 8-50107
- Horiuchi, H. Three-cluster problem in light nuclei based on the microscopic theory 8-54707
- Horiuchi, H. see Furutani, H. 8-93947
- Horiuchi, M., Kamigaki, Y., Hagiwara, T. Formation and properties of thin tunnelable SiO_2 films using a vaporized O_2 source at liquid N_2 temperature 8-76774
- Horiuchi, R. see Tajima, N. 8-53813
- Horiuchi, S. Crystal structure analysis by 1 MV high-resolution electron microscopy 8-74113
- Horiuchi, S., Matsui, Y., Bando, Y., Katsuta, T., Matsui, I. A high voltage electron microscope constructed for observing high-resolution crystal structure images 8-89600
- Horiuchi, S. see Kikuchi, M. 8-53719
- Horiuchi, Y., Murai, A. Far-infrared laser emissions from D_2O 8-63072
- Horlacher, G., Arenhovel, H. Isobar configurations in closed shell nuclei 8-66226
- Horlacher, G. see Heinze, W. 8-66221
- Horlacher, H.-B. Nonstationary temperature fields with rotational symmetry in multi-layered cylinders 8-79190
- Horlbeck, W. see Kirillov, S.A. 8-52514
- Horlitz, G. see Alexander, G. 8-74251, 8-89766
- Horlitz, G. see Berger, Ch. 8-62414, 8-89725
- Hormozdiari, I. see Buchl, R.A. 8-89754
- Horn, B. see Randall, M.G. 8-69203
- Horn, B.K.P. Density reconstruction using arbitrary ray-sampling schemes 8-80954
- Horn, D., Faestermann, T., Beene, J.R., Hausser, O., McDonald, A.B., Alexander, T.K., Herlander, C.J. Core-excited high spin isomers in ^{212}Rn 8-54792
- Horn, D., Novoseller, D.E. Narrow resonance in an open channel 8-66099
- Horn, D., Yankielowicz, S. Instanton effects on light-quark spectroscopy 8-62372
- Horn, D. see Brown, B.A. 8-93936
- Horn, D. see Khoo, T.L. 8-89778
- Horn, E. X-ray computed tomography 8-53481
- Horn, E., Spyra, W., Schmidt, O. Mechanical alloying (alloy formation by friction welding) using a powder of the high temperature nickel alloy NiCr13MoAl with 3% ThO₂ 8-84744
- Horn, F.J.M. see Feinberg, M. 8-56877
- Horn, K., Bradshaw, A.M., Jacobi, K. Angular resolved UV photoemission from ordered layers of carbon monoxide on a nickel (100) surface 8-56570
- Horn, K., Bradshaw, A.M., Jacobi, K. Angular-resolved UPS studies of the chemisorption of ethylene and acetylene on nickel (100) 8-72685
- Horn, L.H. see Petersen, R.A. 8-53695
- Horn, L.J. van den see van den Horn, L.J.
- Horn, L.J. Van Den see Van Den Horn, L.J.
- Horn, P.M., Birgeneau, R.J., Heiney, P., Hammonds, E.M. Melting of submonolayer krypton films on graphite 8-95234
- Horn, R. see Tillotson, D. 8-56965
- Horn, R.G., Kleman, M. Observations on shear-induced textures and rheology of a smectic-A phase 8-91228
- Horn, R.M. see Ritchie, R.O. 8-52982
- Hornberger, G.M. see Davidson, J. 8-81224
- Hornbogen, E. Microscopic inhomogeneity of plastic strain and crack propagation in alloys 8-60800
- Hornbogen, E. Shape change during the 19°C -phase transformation PTFE 8-76646
- Hornbogen, E. see Schmidt, I. 8-88461
- Hornby, R.P. see Barrow, H. 8-94720
- Horne, C.P. see Bricman, C. 8-66179
- Horne, D. see Winters, H.F. 8-93691
- Horne, D.F. Loose abrasives, impregnated diamonds and electro-plated diamonds for glass surfacing 8-50956
- Horne, D.F. see Allen, D.M. 8-57921
- Horne, E.P.W. Interleaving at the subsurface front in the slope water of Nova Scotia 8-85585
- Horne, J.M., Miller, D.R. Single-Rayleigh-phonon interaction in the scattering of He from $\text{LiF}(001)$ 8-80447
- Horne, R.N., O'Sullivan, M.J. Origin of oscillatory convection in a porous medium heated from below 8-79320
- Hornemann, U. see Schulien, S. 8-85536
- Hornern, R.B., Milne, W.G., McMechan, G.A. Canadian earthquakes-1971 8-85500
- Hornig, Jiann-Tsong see Jiann-Tsong Hornig
- Hornig, A.W. see Giering, L.P. 8-56927
- Hornig, D.F. On the relative signs of the CH and CN dipole moment derivatives of HCN 8-74796
- Horning, E.C., Carroll, D.I., Dzidic, I., Stillwell, R.N. Development and use of bioanalytical systems based on mass spectrometry with ionization at atmospheric pressure 8-88680
- Hornreich, R.M. Magnetic interactions and weak ferromagnetism in the rare-earth orthochromites 8-52220
- Hornreich, R.M., Luban, M., Shtrikman, S. Occurrence of Lifshitz point in magnetic alloys 8-52265
- Hornreich, R.M., Thomas, H. Instability threshold of a one-dimensional Bloch wall 8-52302
- Hornsey, S. see Hedges, M.J. 8-69144
- Hornsey, S. see White, A. 8-65076
- Hornshoj, P. see Asboe-Hansen, P. 8-86507
- Hornshoj, P. see D'Auria, J.M. 8-70489
- Hornshoj, P. see Hagberg, E. 8-89779
- Hornung, H. see Schmidt-Bocking, H. 8-58785
- Horodecki, A.J., Lepek, M., Precht, W. Peculiarities of X-ray diffraction pattern and electrical conductivity of thin films of CdS 8-64149
- Horodecki, A.J. see Dogil, B. 8-59720
- Horowitz, B., Gutfreund, H., Weger, M. Infrared and Raman activities of organic linear conductors 8-60441
- Horowitz, B., Krumhansl, J.A. Non-linear modes in the condensed Peierls phase 8-56087
- Horowitz, C.J. see Truhlar, D.G. 8-56883
- Horowitz, D. see Feldman, A. 8-68474
- Horowitz, G. Flatband potential of a p-type phosphide electrode 8-72256
- Horowitz, J.M. see Plant, R.E. 8-92606

- Horrocks, D.L.** A new method of quench monitoring in liquid scintillation counting: the H number concept 8-82576
- Horsdal Pedersen, E.,** Andersen, T., Bahr, K., Cocke, C.L., Ostgaard Olsen, J., Wahnon, P., Gaussorgues, C., Andersen, N., Barat, M., Pommier, J., Sidis, V. Impact-parameter dependence of $\text{Na}(3s \rightarrow 3p)$ excitation in Na-Ne collisions 8-58794
- Horsfall, J.A.C.,** King, G.C.P. A new geophysical tiltmeter 8-81440
- Horsley, R.** The group theoretic structure of the dual current vertex 8-74229
- Horsley, R.** Some isomorphic function and Fock space representations of the dual model superconformal group 8-74230
- Horsley, R.** *see* D'Adda, A. 8-62334
- Horswell, C.J.** *see* Viewing, D.R.J. 8-81562
- Horta, J.da Silva** *see* da Silva Horta, J.
- Horta, M.E.da Silva** *see* da Silva Horta, M.E.
- Hortal, M.** Thermal expansion of some glasses at low temperatures 8-83982
- Horton, C.A.P.,** Gates, R.S. Grain boundary sliding in a 17 Cr/13 Ni austenitic steel 8-76715
- Horton, K.E.** *see* Bennett, J.W. 8-50256
- Horton, M.** *see* Murray, J.G. 8-58498
- Horton, T.R.** Estimation of ^{222}Rn daughter doses from large-area sources 8-94151
- Horton, W., Jr.** Entropy production by anomalous drift wave transport 8-75263
- Horton, W., Jr.,** Estes, R., Kwak, H., Duk-In Choi Toroidal mode coupling effects on drift wave stability 8-83547
- Horvath, E.,** Perry, A.J. The wear-resistance coating of steel by chemical vapour deposition 8-92403
- Horvath, E.** *see* Hintermann, H.E. 8-64743
- Horvath, E.** *see* Perry, A.J. 8-56818
- Horvath, H.,** Presle, G. Determination of the atmospheric extinction coefficient by measurement of distant contrasts 8-61730
- Horvath, J.** *see* Salem, T.M. 8-88565
- Horvath, J.A.** Using computer graphics to analyze the placement of neutral-beam injectors for the mirror fusion test facility 8-66376
- Horvath, J.A.** *see* Hinkle, R.E. 8-58494
- Horvath, L.** Resonance Raman effect and some biological applications 8-74666
- Horvath, M.,** Steiner, L., Hartland, S. Prediction of drop diameter, hold-up and backmixing coefficients in liquid-liquid spray columns 8-75183
- Horvath, Z.** *see* Lompre, L.A. 8-80452
- Horvay, G.,** Gold, B., Kaczinski, E.S. Longitudinal heat propagation in three-phase laminated composites at high exciting frequencies 8-90684
- Horwitz, A.B.,** Leone, S.R. Isotopic vibration-to-vibration energy transfer 8-82790
- Horwitz, B.A.** The image detail enhancement system (IDES) 8-58086
- Horwitz, B.A.** An optical wideband ambiguity function generator 8-78936
- Horwitz, B.A.,** Corbett, F.J. The PROM-theory and applications for the Pockels readout optical modulator 8-83100
- Horwitz, C.M.** Refractive index determination using reflectance extrema 8-70178
- Horwitz, G.,** Katz, J. Steepest descent technique and stellar equilibrium statistical mechanics. III. Stability of various ensembles 8-65659
- Horwitz, G.,** Katz, J. Steepest descent technique and stellar equilibrium statistical mechanics. V. Relativistic systems with an energy cutoff 8-93327
- Horwitz, G.** *see* Katz, J. 8-93326
- Horwitz, J.L.,** Doupnik, J.R., Banks, P.M. Chatanika radar observations of the latitudinal distributions of auroral zone electric fields, conductivities, and currents 8-77399
- Horwitz, J.L.,** Doupnik, J.R., Banks, P.M., Kamide, Y., Akasofu, S.-I. The latitudinal distributions of auroral zone electric fields and ground magnetic perturbations and their response to variations in the interplanetary magnetic field 8-77431
- Horwitz, J.L.** *see* Kamide, Y. 8-57387
- Horwitz, N.** *see* Cobb, J.H. 8-62469, 8-89749
- Horwitz, N.H.,** Forsaith, A.L. An instrument for aligning patient-positioning lasers [for radiotherapy] 8-53471
- Horwitz, P.** Unconventional jobs in unconventional companies 8-62042
- Horyna, J.** Air pollution control at the Institute of Nuclear Research, Rez 8-88906
- Horyna, J.,** Razga, J. Monitoring of radioactive airborne releases in the NRI Rez 8-89991
- Hosaka, A.** *see* Uehori, T. 8-95479
- Hosaka, H.** Interpretation of magnetocardiograms of normal heart subjects 8-53433
- Hosbons, R.R.** Future trends in fracture mechanics theory and applications 8-90799
- Hosch, J.W.,** Piepmeier, E.H. Laser saturation broadening in flame absorption and fluorescence experiments 8-88661
- Hosch, J.W.,** Piepmeier, E.H. Instrumental sources of noise in a pulsed dye laser double beam spectrometer 8-88662
- Hoschl, P.,** Moravec, P., Martinaitis, A., Sakalas, A. Study of the photo-Hall effect on single crystals of cadmium telluride doped with chlorine 8-76094
- Hosea, J.** *see* Hinnov, E. 8-91155
- Hosea, J.C.** *see* Brusati, M. 8-79469
- Hosek, R.S.,** Sances, A., Jr., Jodat, R.W., Larson, S.J. The contributions of intracerebral currents to the EEG and evoked potentials 8-92611
- Hosel, W.,** Rodi, W. A highly accurate method for digital processing of laser-Doppler velocimeter signals 8-83510
- Hosel, W.,** Rodi, W. A new method for testing the accuracy of digital laser-Doppler velocimeter signal processors 8-86242
- Hosemann, R.,** Loboda-Cackovic, J. A new concept for understanding the plastoelasticity of polymers 8-75712
- Hosemann, R.** *see* Cackovic, H. 8-76658
- Hosemann, R.** *see* Janke, M. 8-75591
- Hosemann, R.** *see* Lindenmeyer, P.H. 8-75592
- Hoshi, M.,** Ueno, K. Precipitation of thorium or uranium(VI) complex ion with cobalt(III) or chromium(III) complex cation. I. Precipitation of uranium(VI) peroxo complex ion 8-80728
- Hoshi, M.,** Ueno, K. Precipitation of thorium or uranium(VI) complex ion with cobalt(III) or chromium(III) complex cation. II. Precipitation of thorium and uranium(VI) sulfito complex ions 8-92495
- Hoshi, M.** *see* Ejiri, H. 8-50185, 8-89872, 8-93927
- Hoshi, R.** *see* Takahara, F. 8-69824
- Hoshi, Y.** *see* Arai, I. 8-74347
- Hoshi, Y.** *see* Toshioka, K. 8-93885
- Hoshiai, T.** *see* Yamamoto, R. 8-51428
- Hoshikawa, M.,** Suzuki, S., Yoshioka, N., Tanaka, G. Simple method of refractive-index profile measurement: Q-fiber method 8-66939
- Hoshikawa, M.** *see* Suzuki, S. 8-66938
- Hoshimine, M.** *see* Huzinaga, S. 8-66466
- Hoshino, A.** *see* Nakano, K. 8-60754
- Hoshino, K.,** Watabe, M. Electrical conductivity of bond-type disordered systems in the random-phase model 8-51952
- Hoshino, K.** *see* Fuchi, H. 8-70521
- Hoshino, S.,** Sakuma, T., Fujii, Y. The existence of the order phase in superionic conductor Ag_3SI 8-83792
- Hoshino, S.** *see* Fujii, Y. 8-51628, 8-75600
- Hoshino, S.** *see* Kikuta, S. 8-83654, 8-91202
- Hoshino, T.** Optimum fuel loading and operation planning for light water reactor power stations. Pressurized water reactor case study 8-50276
- Hoshino, Y.** *see* Abe, Y. 8-58167, 8-74250
- Hosie, D.J.** *see* De Laeter, J.R. 8-65557
- Hosking, R.J.** Energy principle for compressible dissipative magnetoplasma 8-91084
- Hoskins, B.J.,** Draghici, I. The forcing of geostrophic motion according to the semi-geostrophic equations and in an isentropic coordinate model 8-69405
- Hoskins, M.J.,** Datta, S., Hunsinger, B.J. UHF single-phase line acoustic wave transducers 8-79180
- Hosl, S.** *see* Volland, U. 8-83948
- Hosoda, M.,** Kozakai, H. Conversion of isospin degree of freedom into spin degree of freedom 8-89617
- Hosoe, H.** *see* Sasaki, T. 8-95466
- Hosokawa, H.** *see* Yamashita, E. 8-94438
- Hosokawa, I.** Asymptotic steady-state solution in the functional random-walk model 8-62143
- Hosokawa, N.** *see* Honda, K. 8-64586
- Hosokawa, N.** *see* Tsukada, T. 8-56579
- Hosokawa, T.,** Fujioka, H., Ura, K. Generation and measurement of subpicosecond electron beam pulses 8-65996
- Hosokawa, T.,** Fujioka, H., Ura, K. Gigahertz stroboscopy with the scanning electron microscope 8-89606
- Hosokawa, T.** *see* Kobayashi, J. 8-52466, 8-76426
- Hosokawa, T.** *see* Uesu, Y. 8-76430
- Hosono, H.** *see* Kawazoe, H. 8-79924, 8-80199, 8-80200
- Hosono, K.,** Kondo, M., Saito, T., Matsuoka, N., Nagamachi, S., Kato, S., Ogino, K., Kadota, Y., Noro, T. Observation of isospin dependence on analyzing powers in proton inelastic scattering 8-82343
- Hosono, K.** *see* Nakamura, M. 8-54754
- Hosono, K.** *see* Sakaguchi, H. 8-78297
- Hosoya, A.** On vanishing of energy-momentum tensor for a class of instanton-like solutions 8-74143
- Hosoya, E.** *see* Maruyama, Y. 8-92689
- Hospes, M.,** Kokta, L., Novotna, P., Vlcek, J. Analysis of complex spectral peaks (NAA) 8-53302
- Hossain, M.** *see* Bohm, A. 8-82126
- Hossenlopp, I.A.** *see* Todd, S.S. 8-91058
- Hosso, M.** *see* Tarnoczi, T. 8-91258, 8-94997
- Hosson, J.Th.M.de** *see* de Hosson, J.Th.M.
- Hosson, J.Th.M.de** *see* de Hosson, J.Th.M.
- Hoste, S.C.F.,** Van de Vondel, D.F., Van der Kelen, G.P. Application of a potential model to the interpretation of XPS spectra of group V organometallics 8-50587
- Hosten, B.,** Roux, J. Quantitative visualisation of an ultrasonic sound field in air 8-87212
- Hostetler, C.J.,** Drake, M.J. Quench temperatures of Moore County and other eucrites: residence time on eucrite parent body 8-96444
- Hosur, R.V.,** Govil, G. Charge density and dipole moment calculations on phospholipid by CNDO method 8-80840
- Hotate, K.,** Okoshi, T. Semiautomated measurement of refractive-index profiles of single-mode fibers by scattering-pattern method 8-66935
- Hotchandani, S.,** Paquin, P., Leblanc, R.M. Polarized fluorescence study of retinals at room temperature 8-96014
- Hotchkiss, M.J.** *see* Berglund, A. 8-66160
- Hoth, C.W.** *see* Hales, J.W. 8-86585
- Hotham, G.A.** Particle sizing by laser photography 8-81946
- Hotop, H.** *see* Breyer, F. 8-55151
- Hotop, R.,** Marek, J. Lifetime measurements of some excited Dy I states 8-70793
- Hotston, E.S.** *see* Braganza, C.M. 8-95095
- Hotston, E.S.** *see* Sofield, C.J. 8-94136
- Hotta, K.,** Inoue, K., Washio, K. Optoacoustic detection of ethylene in exhaust gas using a line-selectable CO_2 waveguide laser 8-56947
- Hotta, N.,** Matsushita, Y., Matsuo, S. Solid state reaction between Y_2O_3 and Nb_2O_5 8-63883
- Hottier, F.** *see* Theeten, J.B. 8-67915
- Hottrand, L.** *see* Spears, K.G. 8-66577
- Hotz, W.** *see* Dallavalle, F. 8-70605
- Hou, M.,** Delavignette, P., Art, A. Detection of implanted ions by X-ray emission analysis in TEM 8-51575
- Hou, M.** *see* Tam, A.C. 8-74753
- Hou, T.-H.,** Tong, P.P., De Vargas, L. On the origin of the hole pressure 8-63462
- Hou Bo-Yu** Nonequivalent SU(2) gauge potentials under equal field strengths and sources 8-78098
- Hou Bo-Yu** *see* Wang Yun-Kong 8-86418
- Hou Chen** *see* Chen Hou
- Hou De-Hui** *see* Tai Li-Chi 8-84450
- Hou-ting Soong** *see* Soong Hou-ting
- Houailhat, A.** *see* Guilhot, G. 8-91336
- Houben, J.L.,** Natucci, B., Solaro, R., Colella, O., Chiellini, E., Ledwith, A. Optically active vinyl polymers containing fluorescent groups. V. Fluorescence properties of poly(9-vinyl carbazole) and optically active polymers containing carbazole units 8-84647
- Houck, J.R.** *see* McCarthy, J.F. 8-93354
- Houdart, R.** *see* Niy, P. 8-62847
- Houdeville, R.** *see* Cousteix, J. 8-75125
- Hough, A.** *see* Morris, J.B. 8-54852
- Hough, J.** *see* Edelstein, W.A. 8-86215
- Hough, J.H.,** McCall, A., Adams, D.J., Jameson, R.F. Linear polarization of the galactic centre in the near infrared 8-96534
- Hough, J.J.T.** *see* Kerber, R.L. 8-82958
- Hough, M.N.** *see* Roy, M.G. 8-57298
- Houghton, A.,** Reeve, J.S., Wallace, D.J. High-order behaviour in 0^3 field theories and the percolation problem 8-65883
- Houghton, A.** *see* Hallbauer, D.K. 8-81431
- Houghton, D.C.,** Jones, D.R.H. The thermal stabilities of in situ composites in a temperature gradient. I. The Al-CuAl₂ eutectic 8-52851
- Houghton, J.T.,** Odell, E.L.G. The pressure modulator radiometer (PMR) 8-81457
- Houghton, M.E.,** Rossiter, P.L. Induced anisotropy in an Fe-27.5 Cr-17.5 Co-0.5 Al alloy 8-76239
- Houghton, M.E.** *see* Rossiter, P.L. 8-72367
- Houin, J.P.,** Simon, A., Beck, G. Ferritic-pearlitic transformation on continuous cooling in carbon steels. I. Kinetic and structural aspects of the transformations 8-68685
- Houlberg, W.A.,** Mense, A.T., Attenberger, S.E. Sensitivity of ignition in TNS to fueling profiles and radial transport processes 8-66421
- Houlberg, W.A.** *see* Mense, A.T. 8-58421
- Houlberg, W.A.** *see* Peng, Y.-K.M. 8-58419, 8-66422
- Houlden, M.A.** *see* Jayet, B. 8-74270
- Houlier, B.** *see* Razeghi, M. 8-76303
- Houlihan, T.** *see* Davidson, K.L. 8-85677
- Houlihan, T.** *see* Tyler, B. 8-53662
- Houlihan, T.M.** *see* Plunkett, J.R. 8-77374
- Hoult, D.I.,** Richards, R.E., Styles, P. A novel field-frequency lock for a superconducting spectrometer 8-86312
- Houmann, J.G.,** Lebeck, B., Jensen, J., Mackintosh, A.R., McMasters, O.D. Impurity modes and magnetic ordering in praseodymium alloys 8-84422
- Houng, Y.M.,** Pearson, G.L. Deep trapping effects at the GaAs-GaAs:Cr interface in GaAs FET structures 8-72445
- Houng, Y.M.** *see* Antypas, G.A. 8-91557
- Houng, Y.M.** *see* Gregory, P.E. 8-95651
- Hourany, E.** *see* Deschamps, Y. 8-90022

- Hourigan, K.** Numerical experiments on planetesimal aggregation during the formation of the solar system 8-69713
- House, F., Kilkenny, D.** On the origin of intermediate-latitude OB stars 8-81627
- House, L.L.** *see* Baur, T.G. 8-61741
- House, W.A.** Fourier inversion of light scattering intensity data from coagulating dispersions 8-76932
- Housholder, D.F.** *see* Qureshi, S. 8-65110
- Houska, C.R.** Broadening of X-ray diffraction lines from small subgrains containing gradients of spacing 8-67612
- Houska, C.R.** *see* Adler, T.A. 8-63733
- Houska, C.R.** *see* Dietrich, F. 8-75647
- Housner, G.W.** *see* Chwang, A.T. 8-73412
- Houstis, E.N., Lynch, R.E., Rice, J.R., Papathodorou, T.S.** Evaluation of numerical methods for elliptic partial differential equations 8-65756
- Houstis, E.N.** *see* Dendrou, B.A. 8-81923
- Houston, B.** *see* Allgaier, R.S. 8-84236
- Houston, B.D.** *see* Malcolm, A.D. 8-81059
- Houston, J.E.** *see* Madey, T.E. 8-72687
- Houston, J.E.** *see* Rye, R.R. 8-92566
- Houston, J.R.** Interaction of tsunamis with the Hawaiian Islands calculated by a finite-element numerical model 8-69361
- Houston, J.R., Outlaw, D.G.** Long wave simulations using a finite element model 8-92849
- Houston, P.L., Grimley, A.J.** Electronic to vibrational energy transfer from excited halogen atoms 8-63113
- Houston, P.L.** *see* Grimley, A.J. 8-66579
- Houston, P.L.** *see* Roellig, M.P. 8-74712
- Houston, P.L.** *see* Wurzburg, E. 8-80721
- Housty, J.** *see* Chan, N.B. 8-75829
- Houtte, P.** *see* Van Houtte, P.
- Houwaart, C.** *see* Oudijk, T. 8-83716
- Houx, R.C.** The Gould Alpha III multimeter 8-77943
- Houze, R.A., Jr.** *see* Baynton, H.W. 8-61594
- Houziaux, L.** *see* Danks, A.C. 8-85957
- Hov, O., Hestvedt, E., Isaksen, I.S.A.** Long-range transport of tropospheric ozone 8-61514
- Hove, L.Van** *see* Van Hove, L.
- Hove, M.A.** *see* Van Hove, M.A.
- Hovel, H.J.** TiO₂ antireflection coatings by a low temperature spray process 8-90537
- Hovenier, J.W.** A unified treatment of the reflected and transmitted intensities of a homogeneous plane-parallel atmosphere 8-85838
- Hovestadt, D., Klecker, B., Scholer, M., Arbing, H., Hofner, H., Kuneth, E., Laeverenz, P., Gloeckler, G., Fan, C.Y., Fisk, L.A., Ipavich, F.M., O'Gallagher, J.J., Cain, J., Tums, E.** The nuclear and ionic charge distribution particle experiments on the ISEE-1 and ISEE-C spacecraft 8-85790
- Hovestadt, D.** *see* Scholer, M. 8-89148
- Hovi, V.** *see* Teuhio, J. 8-57918
- Hovingh, J., Thomson, S.L.** Energy deposition from microexplosion particle debris in the first wall on an inertially-confined fusion reactor 8-54890
- Hovingh, J.** *see* Maniscalco, J.A. 8-50332
- Hovmoller, S.** Seminvariants in space groups P312, P3₁2, P3₂12, P6, P6m2 and P6c2 8-91290
- How, J.** *see* Adam, J. 8-71473
- How-Sen Wong** *see* Ven-Chung Lee 8-91740
- Howald, R.A., Mubarak, A.** Position orbital calculations of energy levels of p-block atoms [teaching] 8-93494
- Howald, R.A.** *see* Eliezer, I. 8-80521
- Howald, R.A.** *see* Eliezer, N. 8-83932
- Howard, A.** *see* Hartmut, K. 8-65093
- Howard, A.D.** Origin of the stepped topography of the Martian poles 8-65536
- Howard, A.Q., Jr.** Bend radiation in optical fibres 8-59130
- Howard, A.Q., Jr., Seidel, D.B.** Singularity extraction in kernel functions in closed region problems 8-66728
- Howard, C.J.** *see* Cruzten, P.J. 8-73474
- Howard, C.J.** *see* Davidson, J.A. 8-56879, 8-88628, 8-88629
- Howard, C.J.** *see* Fehsenfeld, F.C. 8-57251
- Howard, D., Hall, T.J.** Interaction of high-frequency sound with fibre-guided coherent light 8-87142
- Howard, I.C.** *see* Bilby, B.A. 8-67124
- Howard, J., Waddington, T.C.** Ligand-ligand interactions and low frequency vibrations in Ir(C₂H₄)₂Cl and Ir(C₂H₄)₂Cl₂ studied by inelastic neutron scattering and optical spectroscopy 8-94255
- Howard, J., Waddington, T.C., Wright, C.J.** The vibrational spectrum of hydrogen adsorbed on palladium black measured using inelastic neutron scattering spectroscopy 8-71942
- Howard, J.** *see* Raju, M.R. 8-85379
- Howard, J.E., Conn, R.W., Moses, G.A., Abdel-Khalik, S.I.** First wall protection scheme for the Solace conceptual laser fusion reactor 8-58491
- Howard, J.E., Hunter, T.O.** Mirror-damage thresholds for laser-fusion pulse shapes 8-74467
- Howard, J.E.** *see* Moses, G.A. 8-58426
- Howard, J.H.G.** *see* Young, J.W.S. 8-79302
- Howard, J.K., Garbarino, P.L.** Auger analysis of Ta/Ta oxide diffusion barrier to reduce Al-polycrystalline Si reaction 8-71888
- Howard, R.E.** *see* Kim, S. 8-52163
- Howard, R.S.** *see* Bradner, H. 8-90573
- Howard, S.M., Hager, J.P., Hager, J.P.** Thermodynamic properties of the liquid Sn-Ge and Sn-Au systems by mass spectrometry 8-51706
- Howard, W.E., Schlag, E.W.** Rotational selection rules for nonradiative processes 8-62838
- Howard, W.E.** *see* Metz, F. 8-94298
- Howard, W.E.** *see* Sahni, O. 8-67451
- Howard, W.M.** *see* Woosley, S.E. 8-57541
- Howard Gillery, F.** Large scale sputtering of indium-tin oxide 8-72723
- Howard-Lock, E.** *see* Guest, A. 8-86881
- Howard-Lock, H.E.** *see* Natarajan, M. 8-76443
- Howarth, D.W.** *see* Rushneck, D.R. 8-77460
- Howarth, I.D.** The light-curve of RY Sagittarii 8-61874
- Howarth, O.W.** Effect of internal librational motions on the ¹³C nuclear magnetic resonance relaxation times of proteins and peptides 8-85293
- Howarth, W.** *see* Guy, C.N. 8-54414
- Howarth, W.** *see* Ododo, J.C. 8-56301
- Howat, G.** The effects of orbital relaxation and interchannel interaction on magnesium K Auger transition rates 8-50521
- Howat, G., Aberg, T., Goscinski, O.** Relaxation and final-state channel mixing in the Auger effect 8-50520
- Howatson, A.M.** *see* Topham, D.R. 8-83638
- Howe, A.T.** *see* Childs, P.E. 8-80239
- Howe, D.A.** *see* Allan, D.W. 8-57912
- Howe, D.A.** *see* Wineland, D.J. 8-57913
- Howe, G.R.** *see* Sherman, G.J. 8-96097
- Howe, H.J.** *see* Pierce, C.W. 8-50364
- Howe, H.S., Jr.** Electronic music and microcomputers 8-90610
- Howe, I.** *see* Burlingame, A.L. 8-85226
- Howe, L.M.** *see* Matsunami, N. 8-79631
- Howe, M.S.** *see* Mysak, L.A. 8-57216
- Howe, P.S., Tucker, R.W.** Local supersymmetry in (2+1) dimensions. I. Supergravity and differential forms 8-49980
- Howe, P.S., Tucker, R.W.** Local supersymmetry in (2+1) dimensions. II. An action for a spinning membrane 8-58138
- Howe, P.S., Tucker, R.W.** An approach to SU(2) gauge fields in Minkowski space-time 8-70257
- Howe, R.F.** *see* Abdo, S. 8-85197
- Howe, R.F.** *see* Kazusaka, A. 8-84046
- Howell, E.R., Hess, R.F.** The functional area for summation to threshold for sinusoidal gratings 8-65002
- Howell, E.R.** *see* Caeli, T.M. 8-69094
- Howell, E.R.** *see* Hess, R.F. 8-65003, 8-65027
- Howell, J.A., Hargis, L.G.** Ultraviolet and light absorption spectrometry 8-85222
- Howell, J.R.** *see* Boswell, P.A. 8-92607
- Howell, P.R., Bee, J.V.** On the interaction of annealing twins in FCC metals and alloys 8-68712
- Howell, P.R., Jones, A.R.** Observation of transgranular slip in an austenitic stainless steel 8-80595
- Howell, P.R., Nilsson, J.O., Dunlop, G.L.** The effect of creep deformation on the stability of intergranular carbide dispersions in an austenitic stainless steel 8-84912
- Howell, P.R.** *see* Nilsson, J.O. 8-88509
- Howell, R.** *see* McCarthy, D.W. 8-93267
- Howells, H., Ward, F.A., Coulston, D.J., Woodhouse, J.A.** In-vivo measurement and dosimetry of ruthenium-106 oxide in the lung 8-53515
- Howells, K., McKay, A.G.** Seismic profiling in Miramichi Bay, New Brunswick 8-61390
- Howells, S., O'Hara, M.J.** Low solubility of alumina in enstatite and uncertainties in estimated palaeogeotherms 8-65283
- Howells, W.S.** *see* Richardson, R.M. 8-75539
- Howes, A.S.** *see* Suit, H.D. 8-53453
- Howes, C., Bishop, R.F., Irvine, J.M.** A constrained variational calculation for beta-stable matter 8-58243
- Howes, F.A.** Singular perturbation analysis of a class of boundary value problems arising in catalytic reaction theory 8-76906
- Howes, I.D.** *see* Brown, F. 8-56871
- Howes, M.J.** *see* Al-Baidhawi, K. 8-56227
- Howie, A.** The dynamical theory of electron diffraction 8-83658
- Howie, A.** *see* Freeman, L.A. 8-61049
- Howik, I.** *see* Bukshpan, D. 8-52403
- Howitt, D.G.** *see* Hobbs, L.W. 8-83701
- Howland, B.** Improved light diffuser based on the Kalliroscope effect 8-59121
- Howland, H.C.** Retinoscopy of infants at a distance: limits of normal and anomalous reflexes 8-61170
- Howland, H.R., Kelly, J.L., Chi, J.W.H.** Poloidal field coil design for a fusion-fission breeder reactor 8-70640
- Howland, H.R., Varljen, T.C.** An approach to decision modeling for an ignition test reactor 8-50362
- Howland, H.R.** *see* Jedruch, J. 8-74477
- Howland, H.R.** *see* Varljen, T.C. 8-58415
- Howland, M.M.** *see* Gagnon, W.L. 8-55015, 8-59038
- Howland, R.J.M.** *see* Morris, A.W. 8-81199
- Howng, W.-Y., Wagner, J.B., Jr.** Diffusion of sulfur in nickel oxide single crystals 8-95186
- Howng Wei-Yean** *see* Wei-Yean Howng
- Howorka, F.** *see* Handle, F. 8-67528
- Howorka, F.** *see* Kuen, I. 8-82072
- Howton, C.** *see* Hunter, R.O. 8-50758
- Hoye, E.** *see* van Hove, E.
- Hoye, J.S., Stell, G.** Ionic solution in a molecular polar solvent 8-71655
- Hoye, J.S., Stell, G.** Van der Waalsian theory of freezing 8-91424
- Hoyer, P., Kwiecinski, J.** High energy behavior of a double discontinuity and the bare Pomeron 8-82179
- Hoyer, P., Uschersohn, J.** Duality constraints for mesons 8-58174
- Hoyer, U.** On the history of Maxwellian electrodynamics 8-65791
- Hoyer, W., Lautz, G., Heyen, M.** Low-frequency current noise of GaAs epitaxial layers between 4.4 and 300K 8-95388
- Hoyle, F.** Astrochemistry, organic molecules, and the origin of life 8-73660
- Hoyle, F., Wickramasinghe, C.** Comets, ice ages, and ecological catastrophes 8-53714
- Hoyle, F., Wickramasinghe, N.C.** Calculations of infrared fluxes from galactic sources for a polysaccharide grain model 8-54008
- Hoyng, P., Knight, J.W., Spicer, D.S.** Diagnostics of solar flare hard X-ray sources 8-89159
- Hoyng, P.** *see* Nicholson, D.R. 8-93173
- Hoyt, D.V.** Interannual cloud-cover variations in the contiguous United States 8-92909
- Hoyt, E.W.** *see* Dean, N.R. 8-70658
- Hoyt, W.G.** Reflections concerning Neptune's 'ring' 8-69745
- Hozaki, K.** *see* Nakai, Y. 8-76226
- Hrabak, J.** Measuring soft magnetic materials in the yoke 8-65944
- Hrabovcova, A.** *see* Galan, P. 8-57075
- Hrabovcova, A.** *see* Prouza, Z. 8-62664
- Hrabovsky, M.** *see* Keprt, J. 8-90399
- Hrach, R.** *see* Skoda, V. 8-76158
- Hrasko, P., Balog, J.** Rotation symmetry in the Hamiltonian dynamics 8-74134
- Hrebik, J.** Spin glass—a new magnetic state 8-80149
- Hristov, S.N.** Method and circuit for measuring p-n junctions capacitance 8-57977
- Hrivnak, L.** The relation between the effective mass, the width of the forbidden band and the lattice constant of the A^{III}B^V semiconductors 8-51879
- Hrivnak, L.** Bound state of an electron in the screened Coulomb field 8-58581
- Hronsky, V., Tomkova, E.** Measurements of the hot-cathode temperature based on the thermionic emission 8-70121
- Hrouda, F.** The magnetic fabric in some folds 8-85481
- Hrouda, F., Janak, F., Rejl, L.** Magnetic anisotropy and ductile deformation of rocks in zones of progressive regional metamorphism 8-81149
- Hrouz, J.** *see* Havlicek, I. 8-83353
- Hrubesh, L.W.** Gas analysis by computer-controlled microwave rotational spectrometry 8-85227
- Hruby, A.** A study of glass-forming ability and phase diagram of the As-S system 8-59760
- Hruska, A.** A fluid description of a hot collisionless plasma and limits to the double-adiabatic approximation associated with the presence of Birkeland currents 8-75262
- Hruska, A.** Electric currents in a hot adiabatic plasma 8-89002
- Hruska, C.K.** The electroelastic tensor and other second-order phenomena in quasilinear interpretation of the polarizing effect with thickness vibrations of α -quartz plates 8-60398
- Hruska, C.K.** Second-order phenomena in α -quartz and the polarizing effect with plates of orientation (xzl) Ψ 8-72463
- Hruska, G.R.** *see* Koidan, W. 8-87217
- Hruska, J.** *see* Kubes, P. 8-63603
- Hrynyszak, W., Bainbridge, G.R.** Development status and performance of the AGR line 8-86568
- Hryzak, P.** Heat transfer from a row of jets impinging on concave semi-cylindrical surface 8-94794
- Hsi, P.C., Lee, C.-H.** Reconstruction of an oblique viewing plane from transaxial scanning X-ray tomographic data 8-77114
- Hsi-Chen Chang** *see* Chang Hsi-Chen
- Hsi-Chuen Tzu** *see* Tzu Hsi-Chuen
- Hsi-kuang Yin** *see* Yin Hsi-kuang

- Hsi-Ping Liu**, Hagman, R.L. Centrifuge modeling of earthquakes 8-81429
- Hsi-teh Cheng** see Cheng Hsi-teh
- Hsi-Tseng Chen**, Muther, H., Faessler, A. Pairing vibrational and isospin rotational states in a particle number and isospin projected generator coordinate method 8-54696
- Hsia, J.** see Mangano, J.A. 8-94920
- Hsia, J.C.** see Rokni, M. 8-71083
- Hsia, J.J.** see Venable, W.H., Jr. 8-77967
- Hsiao, C.C.** Spontaneous fracture of tempered glass 8-71294
- Hsiao, C.C.** see Liu, C.H. 8-75081
- Hsiao, S.** see Leib, K.G. 8-94371
- Hsieh, C.K.**, Coldewey, R.W. The natural convection of air over a heated plate with forward-facing step 8-90875
- Hsieh, C.T.** see Nai Kuang Liang 8-81217
- Hsieh, C.Y.** see Wochun Hsu 8-94637
- Hsieh, D.Y.** Variational method and Mathieu equation 8-57743
- Hsieh, D.Y.** Interfacial stability with mass and heat transfer 8-67253
- Hsieh, G.T.C.** see Knight, J.M. 8-66795
- Hsieh, J.J.** Measured compositions and laser emission wavelengths of $\text{Ga}_{1-x}\text{As}_x\text{P}_{1-y}$ LPE layers lattice-matched to InP substrates 8-71103
- Hsieh, J.J.** see Hurwitz, C.E. 8-54454
- Hsieh, M.Y.**, De Jonghe, L.C. Silicate-containing sodium beta-alumina solid electrolytes 8-80566
- Hsieh, M.Y.**, Huntington, H.B. Electromigration of copper in lead 8-84003
- Hsieh, S.-H.** see Canuto, V. 8-57704, 8-93480
- Hsieh, S.T.**, Wang, M.C., Chuu, D.S., Han, C.S. Effective interactions, Coulomb displacements, and separation energies for $N=50$ and $N=28$ isotones 8-50077
- Hsieh, S.T.** see Chuu, D.S. 8-82299
- Hsieh, S.T.** see King Yen, M.M. 8-62475
- Hsieh, S.Y.**, Powell, J., Lehner, J., Bezler, P., Laverick, C., Finkelman, M., Brown, T., Bundy, J. The DEALS magnet concept and its applications to high density, high field Tokamak systems 8-54925
- Hsieh, S.Y.** see Majumdar, D. 8-58407, 8-62625
- Hsieh Tsuying** see Tsuying Hsieh
- Hsieh Yin-Kang** see Yin-Kang Hsieh
- Hsieh-Sui Hao** see Schuffe, J.A. 8-51801
- Hsien Ting-Chang**, Wu Chien-Wu, Ji Shu, Kao Lun On the bound state equation of mesons and its solutions 8-78101
- Hsien Ting-chang** see Lee Hua-chung 8-78096
- Hsien Ting-Chang** see Wang Ke-Lin 8-82112
- Hsien Ting-Chang** see Wang Ming-Chung 8-82167
- Hsien Ting-Chang** see Wu Yong-Shi 8-86419
- Hsien-Chih Liu** see Liu Hsien-Chih
- Hsien-Ping Pao** see Kao, T.W. 8-79321
- Hsien-Ting-Chang** see Wang Ming-chung 8-78097
- Hsin-lai Ho** see Ho Hsin-lai
- Hsing, T.R.**, Poularikas, A.D. Subjective effects of electronic and turbulent noise on image evaluation 8-65023
- Hsing, W.W.** see Goldstein, S.A. 8-50323
- Hsing-chow Hwang**, Henkel, J.H. Energy-band and piezoelectric calculations on cubic boron nitride 8-72071
- Hsing-chow Hwang** see Kam-shing Kam 8-95261
- Hsiu-lin Chang** see Chang Hsiu-lin
- Hsiung, J.** see Newell, R.E. 8-73398
- Hsiung Chen Mau** see Mau Hsiung Chen
- Hsiung Chia Tze** see Hirayama, M. 8-70258
- Hsu, C.C.** Particle-vibrational doorway states 8-70421
- Hsu, C.S.**, Chandler, D. RISM calculation of the structure of liquid acetonitrile 8-71665
- Hsu, C.S.**, Pratt, L.R., Chandler, D. Statistical mechanics of small chain molecules in liquids. III. Intermolecular pair correlations for liquid n-butane 8-63656
- Hsu, C.S.** see Patel, V.M. 8-76855
- Hsu, C.S.** see Pratt, L.R. 8-71656
- Hsu, C.T.**, Cheng, P., Homsy, G.M. Instability of free convection flow over a horizontal impermeable surface in a porous medium 8-94813
- Hsu, D.K.** see Ozimek, E.J. 8-72135
- Hsu, D.S.Y.**, Lin, M.C. Two-laser studies of $E \rightarrow V$ energy transfer reactions involving CO and electronically excited I_2 , ICI and NO_2 8-64814
- Hsu, D.S.Y.**, Lin, M.C. Dynamics of the reaction of oxygen atoms with carbon suboxide 8-68882
- Hsu, F.** see Hung, G. 8-61167
- Hsu, F.S.L.** see Buschow, K.H.J. 8-68185
- Hsu, J.** see Chen, L. 8-91092
- Hsu, J.P.** Quantum electrodynamics within the framework of a new four-dimensional symmetry 8-74184
- Hsu, J.P.** Analysis of weak interactions and Eotvos experiments 8-78129
- Hsu, J.P.** Observable phase factors and symmetry of electric and magnetic charges 8-86428
- Hsu, J.P.**, Sherry, T.N. Critical comments on 'On the constancy of the velocity of light' 8-69978
- Hsu, J.Y.** see Chu, M.S. 8-75298
- Hsu, J.Y.** see Drake, J.F. 8-94909
- Hsu, K.J.** The Messinian salinity crisis. Evidence of Late Miocene eustatic changes in the world ocean 8-61432
- Hsu, K.J.** When the Black Sea was drained 8-92839
- Hsu, S.C.**, Chakravorty, S., Mehrabian, R. Rapid melting and solidification of a surface layer 8-83228
- Hsu, S.L.**, Signorelli, A.J., Pez, G.P., Baughman, R.H. Highly conducting iodine derivatives of polyacetylene: Raman, XPS, and X-ray diffraction studies 8-80454
- Hsu, S.L.** see Baughman, R.H. 8-75556
- Hsu, S.L.** see Snyder, R.G. 8-70991
- Hsu, S.T.** Electron mobility in SOS films 8-91792
- Hsu, T.** see Konishi, S. 8-68327
- Hsu, T.** see Yasuda, H. 8-88634
- Hsu, T.M.**, McGee, W.M. Effects of compressive-compressive loads on spectrum fatigue crack growth 8-79267
- Hsu, T.R.** see Trasi, S.R. 8-88483
- Hsu, T.Y.**, Tuan, H.S. Grating reflector for a thin-film Fabry-Perot laser 8-55471
- Hsu, W.S.** see Liu, Y.C. 8-93939
- Hsu, Y.C.** see Huang, C.Y. 8-51117
- Hsu Chi Lin** see Wang Ke Jen 8-79284
- Hsu Chung Chi** see Chung Chi Hsu
- Hsu Kung-Ngou** Master equation for quantum systems 8-86229
- Hsu Pin-Chieh** see Pin-Chieh Hsu
- Hsu Wochun** see Wochun Hsu
- Hsu Wu-Shiung** see Wu-Shiung Hsu
- Hsuan Feng Da** see Da Hsuan Feng
- Hsue, C.S.** see Chen, K.G. 8-95447
- Hsue, S.T.** Methods for the non-destructive assay of irradiated nuclear fuels for safeguards 8-82495
- Hsue, S.T.**, Crane, T.W. Measuring the cesium activity ratio of spent fuel assembly 8-82487
- Hsueh, Y.**, Chieh Yung Peng A diagnostic model of continental shelf circulation 8-85581
- Hsueh-Weh Yeh**, Epstein, S. Hydrogen isotope exchange between clay minerals and sea water 8-69329
- Hsui, A.T.** see Nafi Toksoz, M. 8-65533
- Hsun Hu** see Spitzig, W.A. 8-64608
- Hu, B.L.**, Parker, L. Anisotropy damping through quantum effects in the early universe 8-57708
- Hu, C.** Determination of nonuniform diffusion length and electric field in semiconductors 8-72166
- Hu, C.**, Drowley, C. Determination of diffusion length and surface recombination velocity by light excitation 8-91725
- Hu, C.C.**, Pearce, J., Cham, K.M., Wheeler, R.G. Photoconductivity measurements related to intersubband transitions in silicon MOSFET structures 8-64127
- Hu, E.L.**, Jackel, L.D., Strnad, A.R., Epworth, R.W., Lucey, R.F., Zogg, C.A., Gornick, E. Ge-Sn barrier Josephson tunnel junctions 8-68114
- Hu, H.L.** see Menz, W. 8-95497
- Hu, P.** see Geschwind, S. 8-80342
- Hu, S.M.**, Schwenker, R.O. Effects of ion implantation on substrate hardening and film stress reduction and their effect on the yield of bipolar transistors 8-71748
- Hu, V.W.** see Chan, S.I. 8-64938
- Hu Chia-Ren** see Chia-Ren Hu
- Hu Chin-kun** see Chin-kun Hu
- Hu Chong-Der** see Chong-Der Hu
- Hu Faichung** see Faichung Hu
- Hu Hing Chong**, Lim Joo Tick Confidence limits of expected monthly rainfall for some selected stations in Peninsular Malaysia 8-81300
- Hu Hsun** see Hsun Hu
- Hu Kai-Sheng**, Fu De-Hui, Wang Yong-Zhen Measurements of angular distribution of luminous intensity and total light flux of light emitting diodes 8-82018
- Hu Ning** Analysis of the straton model 8-86438
- Hu Ning** The wave equations for mesons and baryons in the straton model 8-86444
- Hu Rong-Sheng** see Chen Pei-Shan 8-61358
- Hu Yue-Feng** see Wang Jian-Min 8-69680
- Hu Zuo-Chun** see Zheng Zhi-Zhen 8-61334
- Hua Kao** see Kao Hua
- Hua-chung Lee** see Lee Hua-chung
- Hua-mei Li** see Li Hua-mei
- Huang, C.C.** see Shang, H.-T. 8-68254
- Huang, C.I.** see Johnson, B.P. 8-52082
- Huang, C.L.** see Junker, B.R. 8-94190
- Huang, C.-M.**, Buchwald, J.S. Factors that affect the amplitudes and latencies of the vertex short latency acoustic responses in the cat 8-61192
- Huang, C.Y.**, Hsu, Y.C., Warren, W.E. Interaction between a circular hole and an elastic-plastic crack under uniform shear load 8-51117
- Huang, C.Y.** see Davis, P.H. 8-88186
- Huang, C.Y.** see Ting, C.S. 8-79977
- Huang, C.Y.** see Wang, R.H. 8-68127
- Huang, C.-Y.**, Mandel, L. Effect of optical-cavity length on laser photon statistics 8-94402
- Huang, F.H.** see Kumar, V. 8-87280
- Huang, F.S.** see Rechenberg, H.R. 8-68300
- Huang, H.**, Pathak, B.P., Lee, J.K.P. Decay of ^{104}In 8-74333
- Huang, H.** see Cheung, H.C. 8-86510
- Huang, H.K.**, Mazzotta, J.C. Heart imaging from computerized tomography 8-88741
- Huang, H.K.**, Menfai Shiu, Steiner, O., Ledley, R.S. Selected computerized tomographic scan data format 8-73243
- Huang, J.C.** see Lin, L. 8-74304
- Huang, J.** Wen-kuang see Wen-kuang Huang, J.
- Huang, K.N.** Screening constants for the helium and lithium isoelectronic sequences 8-62701
- Huang, K.N.** Lagrangian multipliers in frozen core Dirac-Fock calculations 8-73881
- Huang, K.-N.**, Starace, A.F. Graphical approach to the spin-orbit interaction 8-94181
- Huang, N.C.** Finite extension of a viscoelastic multiple filament yarn 8-75076
- Huang, N.S.** see Chang, H. 8-55003
- Huang, P.A.** see Nai Kuang Liang 8-81217
- Huang, P.H.**, Mayer, W.G. Plane wave reflection from a plate immersed in and floating on a liquid 8-83132
- Huang, R.S.** see Ladbroke, P.H. 8-80075
- Huang, S.L.** see Rosenfeld, M.S. 8-84971
- Huang, S.S.-S.**, Freeman, G.R. Electron mobilities in gaseous, critical, and liquid xenon; density, electric field, and temperature effects; quasilocization 8-59535
- Huang, S.S.-S.**, Freeman, G.R. The gravity effect and the mobility of electrons in critical neopentane 8-91738
- Huang, T.C.** see Ayers, G.L. 8-75492
- Huang, T.C.** see Wilson, L. 8-61381
- Huang, T.L.** see Mao, J.S. 8-92189
- Huang, T.S.** Two-dimensional Fourier transform [image processing] 8-58929
- Huang, T.S.** Algebraic methods of image restoration 8-58930
- Huang, T.S.** Film grain noise 8-58932
- Huang, T.S.** see Burnett, J.W. 8-63015
- Huang, W.F.**, Leung, Y.C. On the analysis of the angular correlation data from positron annihilation in metals 8-52592
- Huang, Y.C.** see Turner, L.R. 8-50372
- Huang, Y.-N.** Solar cycle variation in the total electron content at Sagamore Hill 8-81496
- Huang Chou-Mou** see Chou-Mou Huang
- Huang Heui Li** see Heui Li Huang
- Huang Huei Li** see Huei Li Huang
- Huang Liu, N.L.**, Orbach, R. ESR linewidth of rare-earth ions in dilute rare-earth alloys 8-68373
- Huang Shao-quan** see Yang Chuan-zheng 8-95792
- Huang Shaw-Guang** see Shaw-Guang Huang
- Huang Su-Shu** see Su-Shu Huang
- Huang Tao** see Ho Tso-Hsiu 8-82113
- Huang Wei-Qiong** see Chen Pei-Shan 8-61358
- Huang Wu-Nan** see Wu-Nan Huang
- Huang Xi-Yi** see Gan Zi-Zhao 8-90236
- Huang Yinn-Nien** see Yinn-Nien Huang
- Huang-Feng Liu** see Liu Huang-Feng
- Huard, D.** see Hubin-Franskin, M.J. 8-73074
- Huard, S.**, Vigoureux, J.M. Evidence of surface wave polarisation by atomic absorption 8-50504
- Huba, J.D.**, Chaturvedi, P.K., Ossakow, S.L., Towle, D.M. High frequency drift waves with wavelengths below the ion gyroradius in equatorial spread F 8-88973
- Huba, J.D.** see Haber, I. 8-67347
- Huba, J.D.** see Neugebauer, M. 8-57420
- Hubac, I.** see Kello, V. 8-92497
- Hubbard, A.T.**, Ishikawa, R.M., Katekaru, J. Study of platinum electrodes by means of electrochemistry and low-energy electron diffraction. II. Comparison of the electrochemical activity of Pt(100) and Pt(111) surfaces 8-61015
- Hubbard, E.** see Arigo, R. 8-93430
- Hubbard, G.L.**, Tien, C.L. Infrared mean absorption coefficients of luminous flames and smoke 8-91061
- Hubbard, J.B.** Dielectric dispersion and dielectric friction in electrolyte solutions. II 8-52436
- Hubbard, J.B.** Friction on a rotating dipole 8-87600
- Hubbard, J.B.**, Wolynes, P.G. Dielectric friction and molecular reorientation 8-87599
- Hubbard, N.J.** see Kay, R.W. 8-65219

- Hubbard, R.F., Tidman, D.A. Filamentation instability of ion beams focused in pellet-fusion reactors 8-89976
- Hubbard, W.B. Comparative thermal evolution of Uranus and Neptune 8-85903
- Hubbard, W.B., Jokipii, J.R., Wilking, B.A. Stellar occultations by turbulent planetary atmospheres: a wave-optical theory including a finite scale height 8-61772
- Hubbard, W.N. see Lyon, W.G. 8-79781
- Hubbell, J.H. see Gimm, H.A. 8-90136
- Hubberstey, P., Bussey, P.R. The electrical resistivity of solutions of strontium in liquid sodium 8-84188
- Hubble, C.L. see Bloor, D. 8-64376
- Hubel, H., Smilansky, U., Diamond, R.M., Stephens, F.S. Average lifetimes of collective transitions in the spin-(30-50) region 8-89822
- Hubel, H. see Delaplanque, M.A. 8-93963
- Hubel, H. see Martin, D. 8-70483
- Hubel, H. see Tischler, R. 8-93969
- Hubelbank, M. see Klein, M.D. 8-81017
- Hubeny, H., Feitl, E., Knappe, W. Investigation of the macro-structure of polyurethane foam by X-rays 8-75596
- Huber, B., Schreinicke, G. Bio-telemetry apparatus with PLL-demodulator 8-57097
- Huber, B., Sicking, G. Tritium diffusion in palladium alloys with Pt and Cu 8-63880
- Huber, B.A. see Abouaf, R. 8-55207
- Huber, D. see Reichl, H. 8-72587
- Huber, D.L. Low frequency modes in rare earth systems with singlet ground states 8-68131
- Huber, D.L. Low-frequency modes in rare-earth magnets with degenerate crystal-field levels 8-88087
- Huber, D.L. Critical slowing down in the transverse autocorrelation function of a two dimensional planar magnet 8-95448
- Huber, D.L. see Ching, W.Y. 8-68271, 8-71969, 8-84643
- Huber, D.L. see Selzer, P.M. 8-84642
- Huber, G. Laser spectroscopy applied to hyperfine structure problems 8-70975
- Huber, G., Lenth, W., Lieberts, J., Lutz, F. Electric dipole transition cross sections and effective site symmetry of Eu^{3+} in pseudocentric $\text{K}_2\text{Eu}(\text{MoO}_4)_4$ 8-52556
- Huber, G., Touchard, F., Buttgenbach, S., Thibault, C., Klapisch, R., Liberman, S., Pinard, J., Duong, H.T., Juncar, P., Vialle, J.L., Jacquinot, P., Pesnelle, A. Isotope shift of eleven cesium isotopes determined by atomic-beam laser spectroscopy 8-78826
- Huber, G. see Detraz, C. 8-74341
- Huber, G. see Hattendorff, H.-D. 8-59010
- Huber, G. see Liberman, S. 8-86829
- Huber, H. see Hoffmann, L. 8-64158
- Huber, H.L. see Bromer, H. 8-52364
- Huber, J.R. see Hamer, E. 8-61030
- Huber, J.R. see Maki, A.H. 8-86901
- Huber, K. see Bartsch, H. 8-93961
- Huber, M.C.E., Gethyn Timothy, J. Optical design of a stigmatic spectroheliometer for photometric studies of dynamic phenomena at extreme-ultraviolet wavelengths 8-53825
- Huber, M.C.E. see Biemont, E. 8-69757
- Huber, M.G. see Klingenberg, K. 8-78415
- Huber, W.C., Sikora, R. Spectrum analyzer simplifies operator controls 8-57933
- Huberman, M., Ballentine, L.E. Electrical resistivity with spin-orbit scattering 8-64018
- Hubert, F. see Bimbot, R. 8-70720
- Hubert, M. see May, A.D. 8-90189
- Hubert, P., Johnson, N.R., Eichler, E. Lifetime measurements and multiple Coulomb excitation in ^{162}Dy 8-50123
- Hubert, P.P. see Roulet, C. 8-62506
- Hubert-Delpace, A.M. The near-ultraviolet spectrum of the shell star ξ Tau (HD 37202) 8-81653
- Huberts see Bellicard, J.B. 8-54669
- Hubicka, H. see Hubicki, Z. 8-58860, 8-58861
- Hubicki, W., Kuczmow, A., Sadowski, P. The determination of light lanthanons by X-ray fluorescence method 8-61127
- Hubicki, Z., Hubicka, H., Jusiak, S. Selective separation of uranium and thorium from lanthanides on sulphonic ion exchangers 8-58860
- Hubicki, Z., Hubicka, H., Jusiak, S. Selective separation of $\text{UO}_2(\text{II})$, $\text{Th}(\text{IV})$, $\text{Cu}(\text{II})$, $\text{Ni}(\text{II})$, $\text{Fe}(\text{III})$ from rare-earth elements on chelate ion exchangers 8-58861
- Hubin-Franskin, M.J., Huard, D., Marnet, P. On the heat of formation of CS from CS_2 and OCS 8-73074
- Hublet, M.-C. see Woodruff, P.R. 8-50647
- Hubner, H. see Engel, U. 8-84969
- Hubner, H. see Homann, Ch. 8-90407
- Hubner, H. see Kleinlein, F.W. 8-72881
- Hubner, H.F., Andrews, G.A., Lushbaugh, C.C., Tompkins, E. A follow-up study program for persons irradiated in radiation accidents 8-53522
- Hubner, K. Chemical bond and related properties of SiO_2 . V. Pseudopotential study of bonding and structure 8-75622
- Hubner, K., Lehmann, A. Chemical bond and related properties of SiO_2 . IV. Structure of amorphous SiO_2 8-51422
- Hubner, K. see Blechschmidt, D. 8-58510
- Hubner, K. see Ellis, J. 8-55062
- Hubner, U. Models and predictions for the realization of time scales 8-57907
- Hubsch, J., Gavoille, G., Bolfa, J. Percolation and magnetic order in diluted spinels 8-68165
- Hubsch, J. see Picard, J. 8-68222
- Hucher, M., Grolier, J. Fifty-nine tetrakaidecahedra as grain models 8-51458
- Hucht, K.A. van der see van der Hucht, K.A.
- Huck, A., Klotz, G., Knipper, A., Miede, C., Walter, G., Richard-Serre, C. Beta decay of ^{44}Ar and weak coupling predictions for neutron rich argon and potassium nuclei 8-74336
- Huck, A. see Baumann, P. 8-74327, 8-74386, 8-82289
- Huck, F.O. see Burcher, E.E. 8-81546
- Huckaby, D.A. Thermal properties of harmonic crystals: cell cluster method 8-51636
- Huckle, J.R. see Hung, R.J. 8-96268
- Hucks, P., Stocklin, G., Vietzke, E., Vogelbruch, K. Energy and angular distribution of gold and copper atoms sputtered with either 15- or 30-KeV H^+ , He^+ and Ar^+ ions 8-95625
- Hucl, M. see Sitek, J. 8-59758
- Hudak, S.J., Jr. see Saxena, A. 8-72949
- Huddle, C.W. see Schmidt, R.A. 8-57197
- Huddleston, J.V. The compressible elastica in three dimensions 8-79211
- Huddleston, P.L. Inonu-Wigner contractions of the real four-dimensional Lie algebras 8-77667
- Hudgens, J.W. see Butler, J.E. 8-95912
- Hudgens, S.J. see Kastner, M. 8-88356
- Hudgin, R.H. Image matching using structure information 8-63036
- Hudomal-Gabitzsch, J. see Mutchler, G.S. 8-70387
- Hudomalj-Gabitzsch, J., Duck, I., Mutchler, G.S., Clement, J.M., Felder, R.D., Williams, T.M., Dragoset, W.H., Phillips, G.C., Hungerford, E.V., Mayes, B.W., Pinsky, L., Warneka, M., Allred, J.C. Production of the $\Delta(3/2, 3/2)$ in the reaction $p\bar{p} \rightarrow p\bar{p}n$ at 800 MeV 8-70385
- Hudson, B., Moseley, P.T. The analysis of short-range order in some doped fluorite ceramics by electron diffraction 8-83672
- Hudson, B. see Weaver, L. 8-52818
- Hudson, B.S. see Andrews, J.R. 8-66587, 8-82764
- Hudson, C.M., Seward, S.K. A compendium of sources of fracture toughness and fatigue-crack growth data for metallic alloys 8-84963
- Hudson, H.S. Threshold effect in second-stage acceleration 8-61847
- Hudson, H.S. A purely coronal hard X-ray event 8-93177
- Hudson, H.S., Lin, R.P. Large scale telescopes for high resolution X-ray and gamma-ray astronomy 8-93114
- Hudson, J.A. see Bertram, K.L. 8-79642
- Hudson, J.B. see Martin, M.T. 8-71954
- Hudson, J.G., Hoppel, W.A., Wojciechowski, T.A. A comparison of two CCN counters 8-61598
- Hudson, J.L., Tang, D., Abell, S. Experiments on centrifugally driven thermal convection in a rotating cylinder 8-51172
- Hudson, M.K. Spread F bubbles: nonlinear Rayleigh-Taylor mode in two dimensions 8-88986
- Hudson, N.E. see McKay, G.R. 8-72760
- Hudson, P.R.W. see Bursill, L.A. 8-87701
- Hudson, R.L., Williams, F. An electron spin resonance study of the photolysis of trapped radicals in γ -irradiated carboxylic esters at 77-87K 8-85178
- Hudson, R.L. see Foner, S.N. 8-58603, 8-58869, 8-61040
- Hudson, R.M., Thomas, R.M., Duldig, M.L. The 20 keV break in the diffuse X-ray background spectrum 8-69916
- Hudson, T. see Plafker, G. 8-88804
- Huebel, J.G. see Hawke, R.S. 8-71789
- Huebert, B.J., Lazrus, A.L. Global tropospheric measurements of nitric acid vapor and particulate nitrate 8-88904
- Huebler, J.E., Bohn, R.G. Thermal conductivity of solid hydrogen with ortho-hydrogen concentrations between 20 and 70 at % 8-51786
- Huebner, J.S. see Evans, H.T., Jr. 8-53842
- Huebner, W.F. see Giguere, P.T. 8-93154
- Huei Li Huang see Yi-Shung Chaug 8-71885
- Hueller, J. see Pham, M.T. 8-84291
- Huenges, E. see von Egidy, T. 8-66215
- Huerlimann, T. see Brunner, H. 8-55047
- Huesman, R.H. see Budinger, T.F. 8-77105
- Huestis, D.L. see Kligler, D. 8-74887
- Huestis, D.L. see Lorents, D.C. 8-63081, 8-66558
- Huestis, D.L. see Zamir, E. 8-63057
- Huet, M. see Bellicard, J.B. 8-54669
- Huetz, A. see Mazeau, J. 8-90308
- Huetz, J., Petit, J.P. Experimental study of natural convection in a horizontal annular space 8-94700
- Huetz-Aubert, M., Druelle, P. Apparent radiative properties of cylindrical surfaces with coplanar parallel axes, joined by plane sections 8-94569
- Huey, L.J. A yaw-insensitive static pressure probe 8-94869
- Huey, R.M. see Richards, J.A. 8-74093
- Huey-Lin Luo see Alterovitz, S.A. 8-84369
- Huf, E.G. see Boswell, P.A. 8-92607
- Huff, H. An approach to a ductility criterion 8-63336
- Huffaker, J.N. High-accuracy analytic potential function for diatomic molecules; application to CO 8-78775
- Huffaker, J.N. see Dwivedi, P.H. 8-74701
- Huffman, D.R. see Perry, R.J. 8-90366
- Huffman, G.D., Sung-Hong Ng, B. Modeling of an asymmetric turbulent near wake using the interaction hypothesis 8-63431
- Huffman, R.W. see Alderson, J.C. 8-62245
- Hufter, S. see Hochst, H. 8-72702
- Hufter, S. see Steiner, P. 8-60535, 8-72701
- Hug, G. An analysis of the use of energy differences in explaining solvent effects on photo-physical processes 8-61031
- Hug, G. see Sheng, S.J. 8-78704
- Hug, O. see Muller, W.A. 8-96069
- Hug, W.F., Hains, C.M., Marlett, C.J. Spectra of alkali metal vapor and noble gas flashlamps 8-66510
- Huggins, B.E., Warren, B.B. An enlargement system for viewing radiographs 8-53043
- Huggins, P.J. see Phillips, T.G. 8-57621
- Hughes, A.E. Annealing of irradiated alkali halides 8-92494
- Hughes, A.E., Senkiw, K., Dobson, P.J. Inelastic LEED at the beam emergence condition: $\text{Al}(100)$ 8-83690
- Hughes, A.E. see Jain, S.C. 8-80548
- Hughes, A.J., Bell, J.P. Selective degradation of nylon 6,6. I. Description of the degradation technique and preliminary morphological characterization 8-71682
- Hughes, A.J. see Bell, J.P. 8-71683
- Hughes, B., Narayanan, G.H. On annealing-induced prismatic dislocation loops and electrical changes in heavily Te-doped GaAs 8-51546
- Hughes, C.M. see Baker, R.D. 8-70404
- Hughes, C.M. see Gay, M. 8-70405
- Hughes, C.W. see Yuzawich, P.M. 8-95886
- Hughes, D.C. see Hannant, D.J. 8-72759
- Hughes, D.M. see Gubanski, S.M. 8-84312
- Hughes, D.W. Meteors 8-57509
- Hughes, D.W. A disaggregation and thin section analysis of the size and mass distribution of the chondrules in the Bjurböle and Chaintpur meteorites 8-65556
- Hughes, E.B. see Beron, B.L. 8-66064, 8-74194
- Hughes, E.D. see Lyczkowski, R.W. 8-51229
- Hughes, G. see Farrington, B.J. 8-54857
- Hughes, H.C. see Brownlee, R.R. 8-57123
- Hughes, H.G., Jensen, D.R. Extinction of IR wavelengths by aerosols in coastal fog 8-81400
- Hughes, H.G. see Brown, R.A. 8-85639
- Hughes, I.S. see Armstrong, T.A. 8-89744
- Hughes, J.D.H. see Armitage, B.H. 8-94156
- Hughes, J.F. see Kitching, R. 8-80581
- Hughes, J.L. Scale-up problems in e-beam evaporation and sputtering 8-72722
- Hughes, J.L. Scale-up problems in electron-beam evaporation and sputtering 8-95695
- Hughes, J.L. see Del Pizzo, V. 8-87057
- Hughes, J.L. see Hora, H. 8-51323, 8-55068
- Hughes, J.R. Magnetoencephalography 8-65062
- Hughes, L. see Hewitt, J.E. 8-53538
- Hughes, M.H., Post, D.E. A Monte Carlo algorithm for calculating neutral gas transport in cylindrical plasmas 8-79459
- Hughes, R.C. Laser-induced breakdown in H_2O and D_2O 8-68453
- Hughes, R.J. Parton dynamics of the MIT bag model 8-74204
- Hughes, R.P. A unified derivation of the various definitions of lattice cell diffusion coefficients 8-58332
- Hughes, R.W.M. see Cameron, W. 8-54653
- Hughes, T.C. see Hauka, M.T. 8-88945
- Hughes, T.J.R. A simple scheme for developing 'upwind' finite elements 8-89312
- Hughes, T.J.R., Marsden, J.E. Classical elastodynamics as a linear symmetric hyperbolic system 8-57783
- Hughes, V., Hartley, F.R. A signal recovery system for use on scanning NQR spectrometers 8-74039
- Hughes, V.A., Vallee, J.P. On the comparison of the infrared luminosity of H II regions with the total luminosity of the exciting star, in IC 1795/1805 8-96519
- Hughes, V.A., Viner, M.R. W3 (OH): A 'runaway' compact object? 8-54064
- Hughes, V.A. see Vallee, J.P. 8-93369

- Hughes, V.W. *see* Alguard, M.J. 8-70376
 Hughes, V.W. *see* Prescott, C.Y. 8-89719
 Hughes, V.W. *see* Reist, H.-W. 8-70672
 Hughes, V.W. *see* Yam, M.H. 8-95616
 Hughes, W.J., McPherron, R.L., Barfield, J.N. Geomagnetic pulsations observed simultaneously on three geostationary satellites 8-57401
 Hughes, W.J., Southwood, D.J., Mauk, B., McPherron, R.L., Barfield, J.N. Alfvén waves generated by an inverted plasma energy distribution 8-85775
 Hughes, W.J. *see* Southwood, D.J. 8-93052
 Hughes, W.M. Molecular krypton kinetics 8-63059
 Hughes, W.M. *see* Quigley, G.P. 8-63056, 8-63063
 Hughlock, B.W. *see* Cutts, D. 8-78380
 Hugl, M. *see* Unternahrer, J. 8-70552
 Hugill, A.L. Synthesis of inductive displacement-measuring system using computer-aided design 8-73982
 Hugill, J. *see* Axon, K.B. 8-67376
 Hugon, L. *see* Binon, F. 8-54804
 Hugon, M., Vetter, R., Brochard, J. Study of transferred populations between Kr and Xe atoms by profile analysis 8-74748
 Huguenin, P. Quantum harmonic oscillator 8-89399
 Huguenin, P. *see* Grossmann, A. 8-62089
 Huguenin, R. *see* Acker, F. 8-52230
 Huguet, J. *see* Dian, G. 8-73111
 Huguet, M., Booth, J.A., Pohlchen, R. The design and manufacture of the Joint European Torus (JET) toroidal field coils 8-50349
 Huh, C. *see* Bayramli, E. 8-63899
 Huhle, T. *see* Gerhardt, H. 8-74602
 Huhn, G. *see* Vahldieck, J. 8-85158
 Huhnerfuss, H. *see* Lange, P. 8-69364
 Hui, A.K., Armstrong, B.H., Wray, A.A. Rapid computation of the Voigt and complex error functions 8-57873
 Hui, B.H., Winsor, N. Runaway electrons in collective electric fields 8-67313
 Hui, F.K. *see* Chan, P.W. 8-72942
 Hui, W.H. *see* Tenti, G. 8-49779
 Hui Gon Chun, Soo Woo Nam Investigation of hydrogen embrittlement mechanism in Fe-13% Mn steel 8-68774
 Hui Qi *see* Qi Hui
 Hui Sek-Wen *see* Sek-Wen Hui
 Hui-wang Shen *see* Shen Hui-wang
 Huie, R.E., Herron, J.T., Braun, W., Tsang, W. Chlorine isotope enrichment in CO₂ TEA laser photolysis of CF₃Cl₂ 8-58859
 Huie, R.E., Long, N.J.T., Thrush, B.A. The radiative lifetimes of the first excited states of BO and BO₂ 8-62848
 Huie, R.E., Long, N.J.T., Thrush, B.A. Laser induced fluorescence of the PH₂ radical 8-94277
 Huignard, J.P., Herriau, J.P. Real-time coherent object edge reconstruction with Bi₁₂SiO₂₀ crystals 8-90372
 Huignard, J.P. *see* Herriau, J.P. 8-74859
 Huijter, E., Dove, D.B., Watson, J.K. Small region magneto-optic measurements of Permalloy I-bars 8-68328
 Huilgol, R.R. On co-rotational and other rate type constitutive equations 8-90942
 Huizer, A.M.J. *see* van Toorn, P. 8-78047
 Huiskens, F. *see* Buck, U. 8-66619, 8-74743
 Huisman, P.A. *see* Karzmark, C.J. 8-92736
 Huisman, P.H. *see* Vinke, R.V.H. 8-85302
 Huizenga, H. *see* Bleeker, J.A.M. 8-85941
 Huizenga, J.R. *see* Birkeland, J.R. 8-50224
 Huizenga, J.R. *see* Johnson, M.W. 8-66208
 Huizenga, J.R. *see* Schroder, W.U. 8-82388, 8-89905
 Hukin, D.A. *see* Chapman, J.N. 8-84448
 Hukuda, K., Nakagawa, Y. Slowing down of fluctuation in KDP studied by ESR on SeO₃²⁻ 8-60403
 Hukuno, H. *see* Shiozawa, K. 8-56819
 Huld, S., Curtis, L.J., Denne, B., Engstrom, L., Ishii, K., Martinson, I. Observation of strong orientation effects for levels in highly ionized oxygen 8-55228
 Huld, S. *see* Erman, P. 8-62766
 Huld, S. *see* Ishii, K. 8-78798
 Huler, E. *see* Alfassi, Z.B. 8-71096
 Hulet, E.K. *see* Illige, J.F. 8-94027
 Hulet, E.K. *see* Wild, J.F. 8-75645
 Hulet, L.D., Dunn, H.W., Tarter, J.G. Quantitative analysis by X-ray fluorescence using first principles for matrix correction 8-80817
 Hulín, D. *see* Bontemps, N. 8-52559
 Hulinsky, V. *see* Neumann, L. 8-66353
 Hull, F. *see* Mark, H. 8-85446
 Hull, F.C., Eiffler, E.E. Dimensional instability of CF8 stainless-steel castings at elevated temperatures 8-82448
 Hull, G.W., Jr. *see* Dayem, A.H. 8-80473
 Hull, L. *see* Carr, S. 8-74042
 Hull, S.E. *see* Main, P. 8-55772
 Huller, A. *see* Press, W. 8-67667
 Huller, Ch. *see* Eckert, P. 8-80931
 Hulliger, F. Magnetic properties of the rare earth pnictides 8-72325
 Hulliger, F., Natterer, B., Ott, H.R. Magnetic properties of the cerium monochalcogenides 8-60292
 Hulliger, F., Stucki, F. Exchange striction of NaCl-type Gd compounds 8-84409
 Hulliger, F. *see* Ott, H.R. 8-84445
 Hulm, J.K. Physics careers at Westinghouse Research. Experiences of the past decade and recent trends 8-62041
 Hulme, G. *see* Sparks, R.S.J. 8-61380
 Hulmes, D.J.S. *see* Berthet, C. 8-56951
 Hulsbosch, A.N.M. A high sensitivity survey of hydrogen at very high velocities (preliminary report) 8-65686
 Hulsbosch, N.M. Detailed structure of the small high-velocity cloud HVC 132+23-211 8-89241
 Hulse, J.E. *see* Moskovits, M. 8-95591
 Hulsey, J.L., Emanuel, J.H. Finite element modeling of climatically induced heat flow 8-71336
 Hulsteyn, D.B. *see* van Hulsteyn, D.B.
 Hulston, J.R. Isotope work applied to geothermal systems at the Institute of Nuclear Sciences, New Zealand 8-69313
 Hulston, J.R. *see* Blattner, P. 8-69326
 Hulsurkar, S. Transition theory of creep of composite spherical shells under uniform internal pressure 8-90724
 Hulsurkar, S. Transition theory of creep in rotating disks of variable thickness 8-90725
 Hultén, H.W. Brunsvelld Van *see* Brunsvelld Van Hultén, H.W.
 Hulth, P.O. *see* Bosetti, P.C. 8-70357
 Hulthage, I. *see* Faldt, G. 8-74344
 Hulting, J. *see* Nygards, M.-E. 8-81032
 Hultqvist, B., Borg, H. Observations of energetic ions in inverted V events 8-81502
 Hultschig, H. *see* Brandelik, R. 8-62416
 Hultsch, E. Otto Eppenstern—Pioneer of scientific instrument making 8-70094
 Hultsch, E. *see* Erben, A. 8-89433
 Hultsch, R. Passive Q-switching of the ruby laser by means of colour centres in SrF₂ 8-71157
 Hulusi, T.H. Effect of pulse-width on the measurement of the ultrasonic shear absorption in viscous liquids 8-83878
 Humberston, J.W. A comparison of experimental and theoretical total cross sections for low-energy positron-helium scattering 8-70933
 Humbert, D. *see* Bailleul, G. 8-86649
 Humbert, M., Wagner, F., Baro, R. Evaluation by computer simulation of certain errors in the three dimensional texture analysis 8-64805
 Humble, P., Hannink, R.H.J. Plastic deformation of diamond at room temperature 8-52927
 Humenik, M.J., Fletcher Mattox, C. Ground-water pollutants from underground coal gasification 8-92865
 Hummel, G.J. *see* van Hummel, G.J.
 Hummel, R.E. *see* Enderlein, R. 8-76491
 Hummer, K., Helbig, R., Baumgartner, M. Manifestation of k-linear term effects on the Zeeman splitting of the Al⁺-exciton emission lines in ZnO 8-52563
 Humpert, B. Photoproduction of charmonium in a gluon-exchange model 8-74214
 Humpert, B. *see* Abad, J. 8-74263
 Humphrey, J.A.C. Numerical calculation of developing Laminar flow in pipes of arbitrary curvature radius 8-79376
 Humphrey, K. *see* Burgess, A.E. 8-73231, 8-85313
 Humphreys, C.J. *see* Moodie, A.F. 8-83674
 Humphreys, C.J. *see* Smart, D.J. 8-83677
 Humphreys, C.J. *see* Dobson, P.J. (editor) 8-83657
 Humphreys, E.R., Stones, V.A. The relationship between ⁵⁹Fe uptake in marrow and ²³⁹Pu deposition in bone 8-85395
 Humphreys, R. *see* Merlin, R. 8-84581
 Humphreys, T.J. *see* Plass, G.N. 8-61421
 Humphries, C.M. The United Kingdom's giant infrared reflector 8-96397
 Humphries, P. The thin layer activation technique applied to the measurement of wear 8-72945
 Humphries, R.L., Luckhurst, G.R. Spatial disorder in a smectic A mesophase 8-59741
 Humphries, S. *see* Greenspan, M. 8-50324
 Humphries, S., Jr. Intense pulsed linear ion accelerators for inertial fusion 8-50325
 Humphries, S., Jr. High-current-pulsed linear ion accelerators 8-50417
 Humphries, S., Jr. Intense ion-beam neutralization in free space 8-71027
 Humphries, S., Jr. A versatile pulsed voltage system is designed for small labs 8-86079
 Humphries, S., Jr. *see* Poukey, J.W. 8-78513
 Humphris, S.E., Thompson, G. Hydrothermal alteration of oceanic basalts by seawater 8-69327
 Humphris, S.E., Thompson, G. Trace element mobility during hydrothermal alteration of oceanic basalts 8-69328
 Humphry-Baker, R., Moroi, Y., Gratzel, M. Perturbation studies of the photophysics of arenes in functionalized micellar assemblies. Drastic phosphorescence enhancements 8-95598
 Humrich, A. *see* Breare, J.M. 8-70697
 Hun, F. Correlation between seismic reflection amplitude and well productivity—a case study 8-69295
 Hun Lee Myung *see* Myung Hun Lee
 Hunderi, O. *see* Granqvist, C.G. 8-60455, 8-71162
 Hunderi, O. *see* Norrman, S. 8-84673
 Huneke, J.C. *see* Smith, S.P. 8-65559
 Hung, G., Hsu, F., Stark, L. Dynamics of the human eyeblink 8-61167
 Hung, P.L.K. *see* Bloom, A. 8-51412
 Hung, R.J., Huckle, J.R. Accuracy of initial dew point temperature and the growth of droplets in expansion chamber under low gravity environment 8-96268
 Hung, R.J., Phan, T., Smith, R.E. Observation of gravity waves during the extreme tornado outbreak of 3 April 1974 8-85753
 Hung, R.J., Smith, R.E. Ray tracing of gravity waves as a possible warning system for tornadic storms and hurricanes 8-73448
 Hung, Y.Y., Daniel, I.M., Rowlands, R.E. Full-field optical strain measurement having postrecording sensitivity and direction selectivity 8-57892
 Hung Cheng, Olausen, K., Dickinson, J., Yeung, P.S. New formalism for high-energy scattering 8-66063
 Hung Nguyen Van *see* Nguyen Van Hung
 Hung Pham Quang *see* Pham Quang Hung
 Hung Tin-Kan *see* Tin-Kan Hung
 Hung-Chi Chao Mechanism of anisotropic lamellar fractures 8-64639
 Hung-Sheng Tsao *see* Sun-Sheng Shai 8-93856
 Hung-Yuan Cheng, McCreery, R.L. Simultaneous determination of reversible potential and rate constant for a first-order EC reaction by potential dependent chronoamperometry 8-61086
 Hunger, W., Nazare, S., Nikolopoulos, P. The effect of reactions in UAl₃-Al dispersion fuels on their mechanical properties 8-62596
 Hungerbühler, V. *see* Baldi, R. 8-50050, 8-50052
 Hungerbühler, V. *see* Clark, A.G. 8-89751, 8-89759
 Hungerbühler, V. *see* Martin, A.D. 8-50051, 8-50053, 8-82230
 Hungerford, E.V. *see* Allred, J.C. 8-73219
 Hungerford, E.V. *see* Hudomali-Gabitzsch, J. 8-70385
 Hungerford, E.V. *see* Mutchler, G.S. 8-70387
 Hungerford, P. *see* Sharman, P. 8-62330
 Hunklinger, S. *see* Strom, U. 8-92013
 Hunseler, A. *see* Dietz, G. 8-60304
 Hunsinger, B.J. *see* Datta, S. 8-51810, 8-75026
 Hunsinger, B.J. *see* Hoskins, M.J. 8-79180
 Hunsperger, R.G. *see* Lakshminarayana, M.R. 8-87079
 Hunstead, R.W., Murdoch, H.S., Shobbrook, R.R. Optical spectra of southern Molonglo radio sources. 1.8-96555
 Hunston, D.L., Griffith, J.R., Bowers, R.C. Fluoro epoxies: surface properties and applications 8-64713
 Hunston, D.L. *see* Mulville, D.R. 8-92344
 Hunt, A.J. *see* Perry, R.J. 8-90366
 Hunt, B.L., Lamont, P.J. The confluence of three shock waves in three-dimensional flow 8-59422
 Hunt, B.R. Signal detection methods for evaluating components in hybrid information extraction systems 8-63026
 Hunt, B.R. Optical computing for image bandwidth compression: analysis and simulation 8-94373
 Hunt, B.R., Trussell, H.J. Nonlinear image restoration with signal-dependent noise 8-78951
 Hunt, B.R. *see* Breedlove, J.R., Jr. 8-78054
 Hunt, B.R. *see* Trussell, H.J. 8-66780
 Hunt, D.G., Darlington, M.W. Accurate measurement of creep of nylon-6,6 at constant temperature and humidity 8-95883
 Hunt, D.L. *see* Yeh, H.L. 8-73104
 Hunt, D.W. *see* Clay, A.F. 8-85264
 Hunt, G. Planetary atmospheres: The emerging perspective 8-69720
 Hunt, G.E. The Martian satellites—100 years on 8-73670
 Hunt, G.E. A note on the accuracy of parameterisations of the surface radiative fluxes in clear and cloudy conditions 8-77325
 Hunt, G.E. *see* Lane, A.L. 8-93133
 Hunt, G.H., Shelton, G.B. Experimental measurement and computer analysis of stray radiation in a telescope 8-61752
 Hunt, J.B. *see* Lewis, V.E. 8-92705

- Hunt, J.C.R.**, Abell, C.J., Peterka, J.A., Woo, H. Kinematical studies of the flows around free or surface-mounted obstacles; applying topology to flow visualization 8-51157
- Hunt, J.C.R.** see Keffer, J.F. 8-59374
- Hunt, J.L.**, Latham, V. Control of biped locomotion 8-80904
- Hunt, J.L.**, Poll, J.D. Lineshape analysis of collision induced spectra of gases 8-70787
- Hunt, J.L.** see Coakley, R.W. 8-53206
- Hunt, J.T.**, Glaze, J.A., Simmons, W.W., Renard, P.A. Suppression of self-focusing through low-pass spatial filtering and relay imaging 8-74938
- Hunt, J.T.** see Simmons, W.W. 8-55361
- Hunt, J.W.** see Foster, F.S. 8-87228
- Hunt, P.G.** Optical cements 8-50961
- Hunt, P.M.**, Child, M.S. Interference structure in Franck-Condon overlap functions 8-94287
- Hunt, R.A.** A theory of the statistical linking of microcracks consistent with classical reliability theory 8-84952
- Hunt, R.H.**, Brown, L.R. Line intensities of methane in the 2700-2862-cm⁻¹ region 8-58687
- Hunt, R.W.G.** Terms and formulae for specifying colour appearance 8-56995
- Hunt, W.D.** see Hanley, W.R. Jr. 8-78507
- Hunter, C.** Some extensions of the Lax-Wendroff method 8-65758
- Hunter, J.B.** see Jared, R.C. 8-55102
- Hunter, J.V.** see Whipple, W., Jr. 8-53667
- Hunter, L.P.** see Lee, P.P.K. 8-53461
- Hunter, N.** see Suit, H.D. 8-53453
- Hunter, O., Jr.** see Malarkey, C.J. 8-92326
- Hunter, R.J.** see van de Ven, T.G.M. 8-63461
- Hunter, R.L.**, McIver, R.T., Jr. Rapid scan ion cyclotron resonance spectroscopy 8-54491
- Hunter, R.N.** An explanation for sidereal periods in earthquake aftershock sequences 8-53622
- Hunter, R.O.**, Oldenettel, J., Howton, C., McCusker, M.V. Gain measurements at 4416 Å on ArXeF⁺ and KrF⁺ 8-50758
- Hunter, S.R.** see Blevin, H.A. 8-83613, 8-87566, 8-91059
- Hunter, S.R.** see Nygaard, K.J. 8-59542, 8-63061
- Hunter, T.F.**, Kristjansson, K.S. Photoacoustic measurements of photofragmentation in CH₃I 8-95943
- Hunter, T.O.**, Kulcinski, G.L. Temperature and displacement transients in inertial confinement fusion first walls 8-58427
- Hunter, T.O.** see Abdel-Khalik, S.I. 8-89979
- Hunter, T.O.** see Howard, J.E. 8-74467
- Hunter, T.W.**, Hietje, G.M. Directly digital flow controller with rapid response time and high precision 8-59508
- Hunter, W.R.** Design criteria for reflection polarizers and analyzers in the vacuum ultraviolet 8-55424
- Hunter, W.R.** see Hass, G. 8-83044
- Hunter, W.R.** see Young, D.R. 8-67729
- Huntington, H.B.** see Golopentia, D.A. 8-87820
- Huntington, H.B.** see Hsieh, M.Y. 8-84003
- Huntley, D.J.**, DiSalvo, F.J., Rice, T.M. Effect of electron-phonon scattering on charge density wave phase transitions 8-95265
- Huntley, E.**, Pickering, W.M., Zinober, A.S.I. The numerical solution of linear time-dependent partial differential equations by the Laplace and fast Fourier transforms 8-57763
- Huntz, A.M.** see Moulin, G. 8-52798
- Huntzicker, J.J.**, Hoffman, R.S., Chaur-Sun Ling. Continuous measurement and speciation of sulfur-containing aerosols by flame photometry 8-95974
- Huntzinger, G.** see Knoll, R. 8-85796
- Hunziker, H.E.** see Hippler, H. 8-73030
- Huon, P.V.**, Hilzler, B. Phase transition and the centre-area-wing-scattering in KH₂AsO₄ and KD₂AsO₄ single crystals 8-84540
- Huong, P.V.** see Alameddine, O. 8-92068
- Huong, P.V.** see Cavagnat, R. 8-86342
- Huon-Peng Tsou, B.** see Ingling, C.R., Jr. 8-65028
- Huppert, D.**, Rentzepis, P.M. A high-efficiency tunable picosecond dye laser 8-50789
- Huppert, D.**, Rentzepis, P.M., Busch, G.E. Optical picosecond spectroscopy 8-58065
- Huppert, H.E.** Thermosolutal convection 8-89188
- Huppler, D.A.** see Fonck, R.J. 8-70205
- Huppmann, W.J.**, Petzow, G. The role of grain and phase boundaries in liquid phase sintering 8-72747
- Hug, M.M.** see Exell, R.H.B. 8-96271
- Hurd, C.M.**, McAlister, S.P. Temperature dependence of the Hall effect in potassium 8-64029
- Hurdequint, H.** see Monod, P. 8-91954
- Hurely, R.E.**, Dooley, P.J. Vacuum breakdown from electroluminescent impurities on metallic cathode surfaces 8-84660
- Huria, H.C.** MURLI—a multigroup integral transport theory code for thermal reactor lattice studies 8-50225
- Huria, H.C.** see Mohanakrishnan, P. 8-89957
- Hurite, F.G.** see Phillips, L.J. 8-81061
- Hurley, A.C.**, Johnson, A.W.S., Moodie, A.F., Rez, P., Sellar, J.R. Algebraic approaches to N-beam theory 8-83663
- Hurley, A.C.** see Taylor, P.R. 8-94185
- Hurley, C.A.** Construction of a large laser fusion system 8-54990
- Hurley, C.A.**, McFann, C.B., Jr., Kowalskie, B.J., Myall, J.O. Shiva mechanical systems 8-63135
- Hurley, C.A.** see Linford, G.J. 8-59036
- Hurley, K.** Phosphorescence in CsI crystals [in scintillation counters] 8-95597
- Hurley, P.M.** see Montgomery, C.W. 8-96168
- Huron, M.J.**, Dufour, G.-N., Vidal, J. Vapour-liquid equilibrium and critical locus curve calculations with the Soave equation for hydrocarbon systems with carbon dioxide and hydrogen sulphide 8-83913
- Huron, M.J.** see Claverie, P. 8-73130
- Huricks, P.L.** The friction and wear behaviour of amorphous selenium under lightly loaded contact conditions 8-64740
- Hurst, C.A.** see Carey, A.L. 8-54591
- Hurst, C.A.** see Corbett, J.V. 8-93548
- Hurst, G.M.** A possible new variable star in Perseus 8-69810
- Hurst, G.S.**, Allman, S.L., Payne, M.G., Marshall, K.A., Soohoo, K.L. Resonant ionization studies of the fluctuation of proportional counters 8-90025
- Hurst, G.S.**, Nayfeh, M.H., Young, J.P., Payne, M.G., Grossman, L.W. Selective single atom detection in a 10¹⁹ atom background 8-82707
- Hurst, G.S.** see Kramer, S.D. 8-70802
- Hurst, G.S.** see Nayfeh, M.H. 8-82668
- Hurst, M.J.** see Watt, F. 8-55076
- Hurst, R.C.** see Johnson, J.B. 8-95844, 8-95845
- Hurst, R.W.** Sr evolution in the West Greenland-Labrador craton: a model for early Rb depletion in the mantle 8-69304
- Hurster, W.** see Fischer, Th. 8-62669
- Hurtes, Ch.**, Boulou, M., Mitonneau, A., Bois, D. Deep-level spectroscopy in high-resistivity materials 8-72165
- Hurvich, L.M.** Two decades of opponent processes 8-53402
- Hurwitz, C.E.**, Hsieh, J.J. GaInAsP/InP avalanche photodiodes 8-54454
- Hurwitz, M.J.** A high resolution ultrasonic imaging system 8-53169
- Hurych, Z.** see Benbow, R.L. 8-84700
- Hus, T.M.**, Rudd, J.L. Green's function for thru-crack emanating from fastener holes 8-67118
- Husain, D.**, Slater, N.K.H. Kinetic studies of ground state arsenic atoms, As(4³S₂), by time-resolved resonance fluorescence 8-94211
- Husain, D.** see Chowdhury, M.A. 8-85128
- Husain, J.** see Catchen, G.L. 8-89369
- Husain, S.I.** see Ahsan, Z. 8-57836
- Husar, D.** see Bokemeyer, H. 8-54793
- Husar, J.D.** see Cobourn, W.G. 8-96296
- Husar, R.B.**, Patterson, D.E., Blumenthal, D.L., White, W.H., Smith, T.B. Three-dimensional distribution of air pollutants in the Los Angeles basin 8-61542
- Husar, R.B.** see Cobourn, W.G. 8-96296
- Husband, J.E.** see Chu, J.M.G. 8-80930
- Husbands, A.P.**, Steward, J.E. Automatic sample preparation for spectrophotometric analysis 8-81960
- Huschilt, J.**, Baylis, W.E. Rutherford scattering with radiation reaction 8-55289
- Husebye, E.S.** see Haddon, R.A.W. 8-96153
- Huseyin, K.** Vibrations and stability of multiple parameter systems 8-93532
- Huseyin, K.**, Hagedorn, P. The effect of damping on the stability of pseudo-conservative systems 8-81832
- Huseyin, K.** see Mandati, V. 8-79236
- Huseynov, B.** see Marenkin, S.F. 8-88416
- Hush, N.S.** see Greedy, J.E. 8-74561, 8-74592
- Hush, N.S.** see Taylor, P.R. 8-94185
- Husimi, Y.** Pseudorandom noise method 8-77688
- Husni, M.** see Collins, A.J. 8-58023
- Huson, F.R.** see Harris, R. 8-82242
- Huson, T.E.**, Wayman, C.M. Observations on sputtered epitaxial Au₂Cd films 8-84092
- Huss, D.** see Erriquez, O. 8-82195
- Hussain, A.**, Kihlberg, L., Klug, A. The transformation between hexagonal potassium tungsten bronze and polytungstate 8-68925
- Hussain, A.G.** see Schult, A. 8-85479
- Hussain, A.K.M.F.** Initial condition effect on free turbulent shear flows 8-90850
- Hussain, A.K.M.F.**, Zaman, K.B.M.Q. The free shear layer tone phenomenon and probe interference 8-71324
- Hussain, A.K.M.F.**, Zaman, K.B.M.Q. Controlled perturbation of circular jets 8-90956
- Hussain, A.K.M.F.**, Zedan, M.F. Effects of the initial condition on the axisymmetric free shear layer: Effects of the initial momentum thickness 8-71325
- Hussain, A.K.M.F.**, Zedan, M.F. Effects of the initial condition on the axisymmetric free shear layer: effect of the initial fluctuation level 8-90843
- Hussain, A.K.M.F.** see Zaman, K.B.M.Q. 8-94672
- Hussain, F.A.** see Wu, R.W. 8-53623
- Hussain, G.**, Karim, A., Khan, H.A. The effects of high voltage Tesla coil and spark gap discharges on the track registration properties of some plastic track detectors 8-86742
- Hussain, L.A.** see Giwa, F.B.A. 8-65374
- Hussain, M.** see Cookson, J.A. 8-62532
- Hussain, Z.**, Smith, N.V. Determination of the E(k_z) relation for a surface state on Au (111) 8-76582
- Hussain, Z.** see Kono, S. 8-72690
- Hussein, A.**, Wagenfeld, H. Perturbation calculations in Bethe's dynamical theory of electron diffraction 8-83665
- Hussein, A.** see Badawy, O.E. 8-66161, 8-78219
- Hussein, A.M.**, Khalil, S.H., Sizonenko, V.L. On the theory of turbulence in weak magneto-active plasma 8-83567
- Hussein, M.T.** see Badawy, O.E. 8-66162
- Hussey, C.L.**, King, L.A., Erbacher, J.K. An electrochemical study of chromium in molten NaCl-AlCl₃ 8-56939
- Hussey, D.H.** see Smith, W.B. 8-88658
- Hussey, T.W.**, Roderick, N.F., Faehl, R.J. Numerical simulation of the nonlinear evolution of an exploded wire plasma 8-83605
- Husson, E.** Structural study of manganese tantalate MnTa₂O₇ 8-63727
- Husson, L.** see Citron, A. 8-89589
- Husson, L.P.J.** see van der Boog, A.G.M. 8-63898
- Husson, N.** see Chedin, A. 8-85894
- Husson, X.**, Grandin, J.P. Hyperfine structures in the 2p³ configuration of ²¹Ne 8-50509
- Husson, X.** see Grandin, J.P. 8-86830
- Hussonnois, M.** see Krupa, J.C. 8-58540
- Hussung, R.O.** see Lousteau, D.C. 8-50353
- Hustache, R.** see Boeuf, A. 8-71643
- Huster, R.** see Schur, K. 8-55791
- Huston, A.E.** High-speed photography and photonic recording 8-86367
- Hutchby, J.A.** Transport of minority-carriers in graded-composition semiconductors and its impact on graded-band-gap base transistors operated at high currents 8-80022
- Hutchens, J.O.** see Goldberg, I.S. 8-90976
- Hutcheon, D.A.** see Anderson, A.N. 8-74368
- Hutcheon, D.A.** see McCamis, R.H. 8-74363
- Hutcheon, R.J.** see Pye, J.P. 8-53902
- Hutchings, J.B.** Mass loss from early type stars 8-69796
- Hutchings, J.B.**, Bernard, J.E. A spectroscopic reinvestigation of the massive binary HD 698 8-57590
- Hutchings, J.B.**, Bernard, J.E., Crampton, D., Cowley, A.P. Spectroscopy and possible orbital periods for HDE 245570 (=A0535+26) 8-93306
- Hutchings, J.B.** see Dupree, A.K. 8-96569
- Hutchings, J.B.** see Heap, S.R. 8-96474
- Hutchings, M.T.** see Challis, L.J. 8-67779
- Hutchings, M.T.** see Dickens, M.H. 8-79504
- Hutchings, M.T.** see Ikeda, H. 8-56295, 8-72342
- Hutchings, R.T.** see Sabikowski, Z.T. 8-81001, 8-85456
- Hutchings, T.J.**, Stjern, D.C. Scale factor non-linearity of a body dither laser gyro 8-79062
- Hutchins, R.H.** see Millar, C.A. 8-71212
- Hutchins, S.** see Gentle, K. 8-54984
- Hutchins, S.H.**, Brower, D.F. TEXT poloidal coil systems power supplies 8-54957
- Hutchinson, D.** see Bortnikov, A.V. 8-59643
- Hutchinson, D.P.** see Ma, C.H. 8-91158
- Hutchinson, L.H.**, Molvig, K., Yuen, S.Y. Mechanism for the ω_{pe} radiation in Tokamaks 8-51286
- Hutchinson, J.B.** see Crampton, D. 8-93469
- Hutchinson, J.M.R.**, Schima, F.J., Coursey, B.M. Decay of ¹²¹Sn^m 8-82319
- Hutchinson, J.M.R.** see Coursey, B.M. 8-80816
- Hutchinson, J.W.**, Obrecht, H. Tensile instabilities in strain-rate dependent materials 8-56719
- Hutchinson, M.**, Kroto, H.W. The microwave spectrum, structure, and barrier to internal rotation of selenoacetaldehyde, CH₃CHSe 8-74645
- Hutchinson, P.** see Hall, D.S. 8-63647
- Hutchinson, P.** see Whalley, P.B. 8-94090
- Hutchinson, R.J.** Process composition analysis [infrared spectrometry] 8-58074
- Hutchinson, W.**, Knopoff, L. The acoustic component of Western consonance 8-90607
- Hutchinson, W.B.**, Duggan, B.J. Influence of precipitation on recrystallisation and texture development in an iron-1.2% copper alloy 8-88476

- Hutchinson, W.B.** *see* Duggan, B.J. 8-76663, 8-88500
- Hutchison, C.R.** *see* Weinreich, W.A. 8-86669
- Hutchison, T.S.** *see* McBride, S.L. 8-59228
- Huth, G.C.** *see* Dabrowski, A.J. 8-78049
- Huthnance, J.M.** Inertial waves and an initial-value problem for a thin spherical rotating fluid shell 8-55656
- Huthnance, J.M.** On coastal trapped waves: analysis and numerical calculation by inverse iteration 8-69360
- Hutson, A.R.** Electrons of the vacuum surface of copper oxide and the screening of patch fields 8-52058
- Hutten, H.** Van *see* Van Hutten, H.
- Hutter, K.** A note of entrainment in turbulent jets and plumes 8-94781
- Hutter, K.** *see* Olunloyo, V.O.S. 8-51068
- Huttner, W.,** Bodensch, H.K., Nowicki, P., Morgenstern, K. Rotational Zeeman effect and nuclear quadrupole coupling in the ground vibrational state of HCNO and DCNO 8-78683
- Huttner, W.,** Lienert, W., Peting, K.H. The gas-phase electron g-tensor of ClO₂ by magic doublet rotational Zeeman spectroscopy 8-90212
- Hutton, A.M.** *see* Blechschmidt, D. 8-58510
- Hutton, G.** Fast-Fourier-transform holography: recent results 8-71064
- Hutton, J.** *see* Meyer, G.M. 8-79718
- Hutton, J.D.** *see* Abegg, R. 8-78391
- Hutton, L.K.** *see* Wittels, J.J. 8-69896
- Hutton, W.C.** *see* Dhanendran, M. 8-96110
- Hutzenreuler, P.** *see* Bick, R. 8-92753
- Hutzler, P.J.S.** Separation of object and field stop spectrum in the light transmission microscope for the evaluation of object diffraction for an automatic screening procedure 8-92685
- Huvenne, J.P.,** Vergoten, G., Boniface, B., Fleury, G., Legrand, P. Low-frequency vibrational study of Pb₃O₄: Relation between the evolution of the spectra and the ferroelectric and ferroelastic phase transitions 8-84582
- Huvenne, J.-P.,** Vergoten, G., Charlier, J., Moschetto, Y., Fleury, G. Direct identification of a substance fixed on silica gel using Raman spectroscopy 8-88664
- Huxford, T.J.** *see* Bettis, E.S. 8-62649
- Huxford, T.J.** *see* Queen, C.C. 8-66399
- Huxtable, J.,** Aitken, M.J., Bonhomme, N. Thermoluminescence dating of sediment baked by lava flows of the Chaine des Puy 8-92808
- Huy Duong Bui** Integral equations in three dimensional thermoelastoplasticity 8-90718
- Huyakorn, P.S.,** Pinder, G.F. Solution of two-phase flow using a new finite element technique 8-79366
- Huybrechts, W.J.** Variational calculation of the ground-state energy of the bound polaron 8-84152
- Huyer, A.** *see* Osmer, S.R. 8-73381
- Huysse, M.,** Cornelis, K., Dumont, G., Lherson-neau, G., Verplancke, J., Walters, W.B. The decay of neutron deficient ⁹⁷Ag, ⁹⁸Ag, and ^{99m}Ag 8-93976
- Huyse, M.** *see* Dumont, G. 8-70682
- Huzimura, R.** *see* Matsumura, K. 8-87878
- Huzinaga, S.,** Hoshimine, M. Ab initio and model potential calculations for the ground state of SO₂ 8-66466
- Huzinaga, S.** *see* Katsuki, S. 8-50453
- Huzioka, T.** *see* Shimizu, H. 8-88859
- Huzita, H.** *see* Faissner, H. 8-70355
- Hvam, J.M.** Direct recording of optical-gain spectra from ZnO 8-66834
- Hvam, J.M.** Induced absorption and gain from high density excitons in CdS 8-68533
- Hvam, J.M.** Optical gain and induced absorption from excitonic molecules in ZnO 8-84609
- Hvelplund, P.** *see* Heinemeier, J. 8-70675
- Hvelplund, P.** *see* Kim, H.J. 8-66656
- Hwa, R.C.** Sum rules and moments for lepton-pair production 8-54611
- Hwa, R.C.** Sum rules and moments for lepton-pair production 8-54660
- Hwa, R.C.** A review of the theory and phenomenology of lepton pair production 8-82159
- Hwa, R.C.,** Matsuda, S., Roberts, R.G. Generalization of quark parton model: a study of σ/σ_r and large k_t 8-62373
- Hwa, R.C.** *see* Roberts, R.G. 8-82160
- Hwa Chen** *see* Chen Hwa
- Hwa-Chung Lee** *see* Lee Hwa-Chung
- Hwaling Harold Szu** Laser scattering from droplets: a theory of multiplicative and additive stochastic processes 8-84596
- Hwan Lee Ik** *see* Ik Hwan Lee
- Hwan Oh Byung** *see* Byung Hwan Oh
- Hwan-sup Uhm** Intense microwave generation by the negative-mass instability 8-51289
- Hwang, J.-B.** *see* Hammitt, F.G. 8-64723
- Hwang, J.C.M.,** Balluffi, R.W. On a possible temperature dependence of the activation energy for grain boundary diffusion in metals 8-95191
- Hwang, J.C.M.,** Ho, P.S. Effect of surface condition on diffusion in thin films at low temperatures 8-91469
- Hwang, K.** *see* Wintz, P.A. 8-61626
- Hwang, K.F.,** Hong, S.O. Dielectric breakdown of liquid and vapor helium in bulk and across epoxy insulation 8-62658
- Hwang, K.J.,** Mauk, M.R. Fate of lipid vesicles in vivo: a gamma-ray perturbed angular correlation study 8-53348
- Hwang, S.S.,** Fletcher, R.H. Prediction of buoyant turbulent jets and plumes in a cross flow 8-90907
- Hwang, T.Y.,** Lowe, I.J. Test of a theory for motionally narrowed NMR line shapes of solids 8-68406
- Hwang, T.Y.,** Torgeson, D.R., Barnes, R.G. Hydrogen location and diffusion in a two-dimensional metal: proton magnetic resonance in metallic zirconium monohalide hydrides 8-56382
- Hwang, W.-Y.P.** Nuclear muon capture: hyperfine effects in nuclear spin and isospin $[1/2^+, 1/2^-] \rightarrow [1/2^+, 1/2^-]$ and $[1^+, 0^-] \rightarrow [0^+, 1^-]$ transitions 8-70494
- Hwang, W.-Y.P.,** Primakoff, H. Theory of radiative muon capture with applications to nuclear spin and isospin doublets 8-82320
- Hwang, W.-Y.P.,** Primakoff, H. Theory of radiative muon capture by ¹²C 8-86511
- Hwang, Y.S.,** Torgeson, D.R., Barnes, R.G. Nuclear magnetic resonance evidence for the occurrence of a low-temperature pseudo-cubic phase in the Nb-H system near NbH_{0.75} 8-80526
- Hwang Chang-Shi** *see* Chang-Shi Hwang
- Hwang Dah-Min** *see* Dah-Min Hwang
- Hwang Hsing-chow** *see* Hsing-chow Hwang
- Hwang Ilsoon** *see* Ilsoon Hwang
- Hwangbo, H.,** Karam, R.D. Convection heat transfer in rotating curved pipes 8-94737
- Hyakutake, M.** *see* Kumabe, I. 8-58272
- Hyakutake, N.** *see* Fuyuki, S. 8-56420
- Hyde, A.J.** *see* Sankaranarayanan, V.N. 8-72516
- Hyde, E.K.** *see* Westfall, G.D. 8-70529
- Hyde, J.S.,** Rao, K.V.S. Dipolar-induced electron spin-lattice relaxation in unordered solids 8-80193
- Hyde, J.S.,** Sarna, T. Magnetic interactions between nitroxide free radicals and lanthanides or Cu²⁺ in liquids 8-68380
- Hyde, J.S.** *see* Antholine, W.E. 8-81090
- Hyde, J.S.** *see* Sarna, T. 8-96017
- Hyde, R.L.** *see* Eppler, R.A. 8-56788
- Hyder, S.B.** *see* Antypas, G.A. 8-91557
- Hyder, S.B.** *see* Escher, J.S. 8-68600
- Hyder, S.B.** *see* Gregory, P.E. 8-95651
- Hyer, R.C.** *see* Lieber, A.J. 8-59155
- Hyland, A.R.,** Schwarz, M.P. Interpretation of quasar colours in the near IR 8-69904
- Hyland, A.R.** *see* Werner, M.W. 8-81671
- Hylton, R.** *see* Baltay, C. 8-70354
- Hylton, R.** *see* Chnops, A.M. 8-78167
- Hylton, R.** *see* Kalelkar, M. 8-89700
- Hyman, H.A.** Electron-impact excitation of metastable argon and krypton 8-94323
- Hyman, L.G.** *see* Derrick, M. 8-82197
- Hyman, L.G.** *see* Dombeck, T. 8-82255
- Hyman, L.G.** *see* Gieraltowski, G.F. 8-58561
- Hyman, L.G.** *see* Singer, R. 8-54659
- Hynds, R.** *see* Balogh, A. 8-85791
- Hyne, J.B.** *see* MacDonald, D.D. 8-92388, 8-92391
- Hynes, A.** Early recumbent folds in the northeastern part of the northern Labrador Trough 8-65300
- Hynes, J.T.** *see* Northrup, S.H. 8-55696, 8-60988
- Hyanson, K.** *see* Blakeslee, E.A. 8-57019
- Hyo Chul Myung** Lie-admissible algebras 8-74168
- Hyo Chul Myung** On nonflexible Lie-admissible algebras 8-93812
- Hyo Kim Chang** *see* Chang Hyo Kim
- Hyo-Gun Kim** *see* Halpern, G.M. 8-74468
- Hyodo, H.** *see* Iio, K. 8-52467
- Hyodo, S.** *see* Kato, T. 8-84564
- Hyodo, T.,** Takakusa, Y. Direct observation of delocalised positronium in KCl 8-88235
- Hyodo, T.** *see* Takakusa, Y. 8-76546
- Hyseynov, N.G.** *see* Sultanov, G.J. 8-64329
- Hyspecka, L.** *see* Matocha, K. 8-64770
- Hyspecka, L.** *see* Pahuta, P. 8-60746
- Hyspecka, L.** *see* Tvrdy, M. 8-60885
- Hyuga, H.,** Ohtsubo, H., Sato, T. Two-pion exchange charge density and its related problems 8-66222
- Hyuk Yu** *see* Norisuye, T. 8-68525
- Hyun, Y.,** Gentry, J.W. A variable frequency electrostatic mobility analyzer 8-77945
- Hyun Chai Jung** A study on the feasibility of solar absorption refrigeration system in Seoul, Korea 8-51052
- Hyun Chung Chang** *see* Chang Hyun Chung
- Hyun Jae Chun** *see* Jae Chun Hyun
- Hyun Jae Min** *see* Jae Min Hyun
- Hyun Suh Soo** *see* Soo Hyun Suh
- Hyun Yoon Ki** *see* Ki Hyun Yoon
- Hyvonen, M.** *see* Holmberg, P. 8-70520
- Hyzer, W.G.** Instant imaging of electric, radio and acoustic fields 8-58079
- Hyzer, W.G.** Adding data to photos 8-58080
- Hyzer, W.G.** Salvaging data from instant negatives 8-78020
- Hyzer, W.G.** Thermography 8-86266
- H.Z.Sar-el** *see* Sar-el H.Z.
- I Yin Lo *see* Lo I Yin
- I-Ming Chou,** Eugster, H.P., Berens, P., Weare, J.H. Diffusion of hydrogen through platinum membranes at high pressures and temperatures 8-55984
- Iaccarino, M.,** Guardiola, J., De Felice, M. On the permeability of biological membranes 8-77029
- Iachello, F.** Dynamic symmetries in nuclei 8-74317
- Iachello, F.** *see* Arima, A. 8-54672
- Iachello, F.** *see* Dieperink, A.E.L. 8-62522
- Iachello, F.** *see* Otsuka, T. 8-62493
- Iadonisi, G.,** Marigliano Ramaglia, V., Tagliacozzo, A., Zucchelli, G.P. Resonant state of an atom near a metallic surface 8-80033
- Iagolnitzer, D.** The S-matrix 8-54575
- Iagolnitzer, D.** The multiparticle S matrix in two-dimensional space-time models 8-62324
- Iagolnitzer, D.,** Souillard, B. On the analyticity in the potential in classical statistical mechanics 8-70062
- Iakubov, I.T.,** Khrapak, A.G. On the annihilation rate of positronium in dense rare gases 8-55258
- Iam, P.** *see* Scavuzzo, R.J. 8-57774
- Ianna, P.A.** *see* Bessell, M.S. 8-65618
- Iarocci, E.** *see* Baldini-Celio, R. 8-89724
- Iba, K.** *see* Fujita, H. 8-66846, 8-74928
- Iba, K.** *see* Nakai, S. 8-59603
- Ibach, H.,** Bruchmann, D. Surface phonons on stepped Pt (111) surfaces 8-95223
- Ibach, H.,** Lehwald, S. Identification of surface radicals by vibration spectroscopy: Reactions of C₂H₂, C₂H₄, and H₂ on Pt(111) 8-71947
- Ibach, H.,** Lehwald, S. Analysis of adsorption processes and surface reactions by vibration spectroscopy: adsorption of NO on Pt(111) 8-87868
- Ibach, H.** *see* Hopster, H. 8-91547
- Ibaev, Yu.K.** *see* Abakumov, B.M. 8-74862
- Ibanez, L.E.** Contact electromagnetic terms in inclusive photo- and electroproduction 8-70348
- Ibanoglu, C.** B-V photoelectric photometry of white-dwarf eclipsing binary V471 Tauri 8-96508
- Ibarra, R.H.** *see* Bang, J. 8-78281
- Ibarra, R.H.** *see* Bengtsson, R. 8-70437
- Iben, H.-K.** Existence and uniqueness of a linear hyperbolic initial boundary value problem and a practical application to a problem in hydraulics. I 8-93514
- Iben, I., Jr.** *see* Kaler, J.B. 8-93376
- Ibl, N.,** Puippe, J.C., Angerer, H. Electrocrystallization in pulse electrolysis 8-64489
- Ibraeva, E.T.** *see* Golovanova, N.F. 8-58285
- Ibragim, F.N.,** Pasechnik, Z.V. Laminar boundary layer of a dilute suspension of rigid particles during application of an electric field 8-63503
- Ibragim El'Takher** *see* Amenzade, Y.A. 8-55562
- Ibragimov, M.G.** *see* Alekseev, G.V. 8-94854
- Ibragimov, V.B.** *see* Aliev, T.M. 8-65915
- Ibragimova, L.B.** An experimental investigation of radiation of CN and C₂ molecules behind the shock wave front 8-74638
- Ibrahim, E.M.H.,** Sayed, A.M., Dawood, R.I. Gamma dose measurements by optical absorption, electrical conductivity and mechanical hardness 8-55045
- Ibrahim, M.M.** *see* Makky, W.H. 8-55331
- Ibrahim, O.E.** *see* Farish, O. 8-87582
- Ibrahim, R.** *see* Price, W.C. 8-86078
- Ice, G.E.,** Mau Hsiung Chen, Crasemann, B. Photon-scattering cross sections of H₂ and He measured with synchrotron radiation 8-55213
- iche, G.,** Noziers, P. Quantum Brownian motion of a heavy particle: an adiabatic expansion 8-49768
- Ichiba, S.** *see* Sakai, H. 8-72438
- Ichihashi, H.** *see* Yamamura, M. 8-93602
- Ichikawa, M.** The O-H vs. O...O distance correlation, the geometric isotope effect in OH bonds, and its application to symmetric bonds 8-75615
- Ichikawa, M.** Phase transitions in trirubidium hydrogen disulfate Rb₃H(SO₄)₃ 8-76405
- Ichikawa, M.,** Tsu-Wei Chou Dislocation interactions in cylindrical surface crystals 8-95055
- Ichikawa, S.** *see* Natsume, H. 8-54841

- Ichikawa, T.**, Ino, S. Recovery processes of Si(111) and Ge(111) surfaces damaged by argon ion bombardment 8-87723
- Ichikawa, T.**, Ino, S. Ge(111)7×7 surface structure induced by Sn 8-91521
- Ichikawa, T.**, Yoshida, H. Trapped electrons in crystalline cyclodextrin matrices 8-80768
- Ichikawa, Y.** see Jen-Shih Chang 8-87561
- Ichikawa, Y.H.** see Weiland, J. 8-62110
- Ichiki, T.** see Tanaka, H. 8-86652
- Ichimaru, S.** Interaction of the accretion disk with the rotating stellar magnetic field: plasma diffusion and angular momentum transfer across the Alfvén surface 8-93461
- Ichimaru, S.** see Itoh, N. 8-67964
- Ichimiya, A.**, Lehmppfuhl, G. Analysis of electron diffraction Kossel patterns 8-83676
- Ichimiya, A.** see Hirono, H. 8-83679
- Ichimura, A.**, Saito, N. On the stability of isolating integrals. II. Ergodic components in the stochastic region 8-73924
- Ichimura, K.** see Sakai, K. 8-70203
- Ichimura, K.** see Yamashita, Y. 8-96492
- Ichimura, S.** see Shimizu, R. 8-78043
- Ichimura, T.**, Ogita, N., Ueda, A. Fluctuating free-volume analysis of the soft-core model of high-density fluid states 8-75516
- Ichinohe, T.** see Sugawara, M. 8-74515
- Ichinokawa, T.** see Ishikawa, Y. 8-87597
- Ichinokawa, T.** see Kagawa, Y. 8-88389
- Ichinokawa, T.** see Kawamura, T. 8-84688
- Ichinose, N.**, Takahashi, T., Yamashita, Y., Iwasaki, H. PbTiO₃-PbZrO₃-In(Li_{1/2}W_{1/2})O₃ piezoelectric ceramics for surface wave filters 8-95215
- Ichinose, T.** see Shiba, K. 8-57968, 8-59522
- Ichioaka, Y.** see Tokumitsu, J. 8-87019
- Ichiyama, T.** see Nishida, T. 8-72751
- Ickert, L.**, Rudolph, P. The application of an electrical analogue model for determining the temperature field for crystal growing 8-63688
- Ida, M.** Relativistic motion of massive quarks joined by a massless string 8-74206
- Ida, T.**, Sumita, K., Wakayama, N., Yamagishi, H. A fast-response logarithmic electrometer for pulse-reactor experiments 8-86291
- Iddings, F.A.**, Mack, W.R., Shaw, R.G. Large volume samples for calcium determination 8-53308
- Ide, M.**, Masuzawa, N. Multiple section tomograms simultaneous display ultrasonic diagnostic equipment 8-61227
- Ide, T.** see Iida, H. 8-54872, 8-66414
- Ideker, R.E.**, Mirvis, D.M., Keller, F.W., Pilkington, T.C. Dipole crosstalk in an inverse cardiac generator 8-92615
- Ideker, R.E.** see Smith, W.M. 8-81060
- Idemen, M.** On a system of p-tuple series equations related to the scattering by an inhomogeneous sphere 8-62976
- Idesawa, M.** see Goto, E. 8-74836
- Idesawa, M.** see Yatagai, T. 8-77865
- Ideshita, T.**, Fukushima, Y., Honda, S., Kusuda, T. Detection of [Walker oscillation] by [dynamic bubble collapse method] in [garnet] material 8-68318
- Idiatullin, N.S.** see Shchukin, V.K. 8-63484
- Idler, K.L.** see Ng, H.N. 8-79581
- Idnurm, S.I.** see Aben, K.H. 8-77964
- Ido, H.** see Kanomata, T. 8-59785
- Ido, K.** see Sugai, H. 8-63570
- Idschok, U.**, Rodel, R., Schroder, B., Von Holt, K., Blobel, V., Fesefeldt, H., Geist, W.M. Investigation of the double diffraction dissociation reaction $pp \rightarrow (p\pi^+ \pi^-)(p\pi^+ \pi^-)$ at 24 GeV/c 8-93908
- Idschok, U.** see Blobel, V. 8-58213
- Idschok, U.** see Bockmann, K. 8-93912
- Idso, S.B.**, Brazel, A.J. Climatological effects of atmospheric particulate pollution 8-85678
- Idson, W.L.** see Massaro, D.W. 8-77065
- Idziak, S.** see Stankowski, J. 8-60345
- Ieda, M.** see Nagao, M. 8-84522
- Ieda, M.** see Sawa, G. 8-88249
- Ieda, M.** see Suzuoki, Y. 8-76090
- Ieda, M.** see Takai, Y. 8-76145
- Ieki, M.**, Kumamoto, E., Kawaguchi, K., Yamada, C., Tanaka, T., Hirota, E. CO₂ and N₂O laser Stark spectroscopy of the ν_6 band of methyl bromide 8-78698
- Ieong, L.** see Modi, V.J. 8-94746
- Ieremia, M.** Buckling of orthotropic rectangular plates 8-87285
- Ierusalimov, A.P.** see Abdvaliev, A. 8-58290
- Ievlev, V.M.**, Bugakov, A.V. Coincidence-site phase boundaries in gold-silicon system 8-67927
- Ievlev, V.M.** see Shvedov, E.V. 8-87889
- Ifrainov, Y.Yu.**, Mironov, V.N., Suvorov, A.P., Kharizemenov, Yu.V., Tsypin, S.G., Shul'gin, A.I. Testing the biological shielding of the reactor of the Bilibinsk Nuclear Power Plant 8-86697
- Iga, K.**, Kokubun, Y. Formulas for calculating the refractive index profile of optical fibers from their transverse interference patterns 8-74967
- Iga, K.** see Kokubun, Y. 8-66931
- Iga, K.** see Yamamoto, N. 8-83091
- Iga, T.** see Kato, S. 8-52710, 8-52711
- Igaki, K.**, Nakano, M. Measurement of partial pressure over CdSe and CdTe by an optical absorption method 8-51661
- Igaki, K.** see Ishihiki, M. 8-84194
- Igaki, K.** see Kishida, M. 8-61120
- Igaki, K.** see Noda, Y. 8-56622
- Igaki, T.** see Hayahshi, Y. 8-80807
- Igalson, J.** see Drukier, A.K. 8-78580
- Igamberidiev, K.R.** see Azimov, S.A. 8-78421
- Igantchenko, V.A.**, Iskhakov, R.S. Spin waves in amorphous and fine-crystalline ferromagnets with dipole-dipole interaction taken into account 8-56308
- Igarashi, J.**, Shin-Mura, M. Nonleptonic hyperon decays in the constituent rearrangement model and universality of d/f ratios 8-62357
- Igarashi, J.-i.** see Fujio, M. 8-67886
- Igarashi, K.** see Mogi, K. 8-56750
- Igarashi, M.** see Sasaki, G. 8-89085
- Igarashi, O.** see Gonda, S. 8-64481
- Igarashi, T.** Mechanics of peeling of rubbery materials. II. Initiation and propagation of peeling 8-76824
- Igarashi, T.** Flow characteristics around a circular cylinder with a slit. I. Flow control and flow patterns 8-83404
- Igarashi, T.** Natural convective oscillatory flow in an enclosed space. II. The case of a line heat source placed along the axis of a horizontal rectangular chamber 8-90868
- Igarashi, T.**, Hirata, M. Heat transfer in separated flows. III. The case of equilateral triangular prisms 8-87339
- Igarashi, T.** see Hirata, M. 8-79315
- Igarashi, Y.**, Murata, H., Ueda, M. 3-D display system using a computer generated integral photograph 8-87021
- Igarasi, S.**, Kikuchi, Y., Nakagawa, T. Report on the first version of Japanese Evaluated Nuclear Data Library JENDL-1 8-74428
- Igarasi, S.** see Komoda, S. 8-78370
- Igasaki, Y.**, Mitsuhashi, H. Crystal structures and electrical properties of titanium films evaporated in high vacuum 8-79908
- Igata, N.**, Kohyama, A., Murakami, H., Tsunakawa, H., Itadani, K. In situ observation of defect clusters of molybdenum dilute carbon alloys irradiated under a high voltage electron microscope 8-87663
- Igelmund, A.** see Utisch, B. 8-72435
- Iglesias-Sicardi, J.R.**, Jullien, R., Coqblin, B. Thermoelectric power of nearly magnetic actinide systems 8-56133
- Iglesias-Sicardi, J.R.**, Jullien, R., Coqblin, B. Thermoelectric power of nearly magnetic actinide metals and compounds 8-84197
- Iglesias-Sicardi, J.R.** see Coqblin, B. 8-91869
- Iglessis, J.**, Frantz, C., Gantois, M. Growth by propagation of twinning planes of the eutectic compounds in the ternary Al-Fe-Si system 8-60667
- Ignaczak, J.** Variational principle for thermoelasticity with finite wave speeds 8-65772
- Ignat, M.** On the surfaces of discontinuity of first order in a rarefied radiative plasma 8-87441
- Ignatchenko, V.A.**, Iskhakov, R.S., Chekanova, L.A., Chistyakov, N.S. Dispersion law for spin waves in amorphous films studied by the spin wave resonance technique 8-88196
- Ignatchenko, V.A.**, Mal'tsev, V.K., Tsifrinovich, V.I. Stationary and transition processes in the region of identical nuclear and electron magnetic resonance frequencies 8-80225
- Ignatenko, M.A.** see Azhgirei, L.S. 8-78394
- Ignatenko, M.A.** see Azhgirei, L.S. 8-89727, 8-89887
- Ignat'ev, A.A.** see Brzhozovskii, B.M. 8-87080
- Ignat'ev, B.V.** see Aleksandrov, V.I. 8-88312
- Ignat'ev, I.S.** see Lazarev, A.N. 8-70814
- Ignat'ev, O.V.**, Shkola, N.F. Linear spectrometer amplifier [for X-ray spectrometer] 8-78595
- Ignat'ev, P.P.**, Galach'ev, N.G., Okhlopov, V.P. The correlation between variations in cosmic rays and solar activity 8-69625
- Ignat'ev, P.P.**, Shvidkovskaya, T.E. Variations in galactic cosmic rays during the decline of solar activity in 1971-1974 8-96365
- Ignat'ev, P.P.** see Volodin, E.Ya. 8-53779
- Ignat'ev, V.S.** see Bespal'kova, I.A. 8-60598
- Ignatiev, A.** see Lancaster, G.M. 8-89602
- Ignatiev, A.** see Lee, B.W. 8-51807
- Ignatiev, A.** see O'Neill, P. 8-56530
- Ignatiev, A.Yu.**, Krasnikov, N.V., Kuzmin, V.A., Tavkhelidze, A.N. Universal CP-noninvariant superweak interaction and baryon asymmetry of the universe 8-66072
- Ignatinskii, L.L.** see Veremeenko, S.V. 8-53110
- Ignatiuk, A.V.**, Mikhailov, I.N., Nazmitdinov, R.G., Nerlo-Pomorska, B., Pomorski, K. Equilibrium properties of fast-rotating heated nuclei 8-70439
- Ignatkina, R.S.** see Vavilov, V.S. 8-72613
- Ignatov, A.V.**, Kosov, L.I. Effect of temperature on strain-gauge dynamometer characteristics 8-93677
- Ignatov, V.M.** see Kolodii, B.I. 8-82884
- Ignatova, N.P.** see Zabolotskii, A.A. 8-60624
- Ignatovich, V.K.** Nonspreading wave packets in quantum mechanics 8-65795
- Ignatovich, V.K.** Depolarization of ultracold neutrons in refraction and reflection at magnetic film surfaces 8-95493
- Ignatyev, B.K.** see Wagner, S.D. 8-67540
- Ignat'yev, Yu.A.** The influence of artificial heating of the ionosphere on the inhomogeneous structure of the E-region 8-61653
- Ignatyuk, V.A.**, Stavitskiy, N.N. Glasses in the system P-Se-Te 8-51425
- Igo, G.** see Hoffman, G.W. 8-54760
- Igo, G.** see Hoffmann, G.W. 8-70526
- Igo, G.** see Nasser, M.A. 8-70532
- Igo, G.** see Stetz, A. 8-74247
- Igo, G.J.** Some recent intermediate- and high-energy proton-nucleus research 8-94010
- Igo, G.J.** see Fong, J. 8-94008
- Igo, G.J.** see Hoffmann, G.W. 8-62674
- Igonin, G.M.** see Glazov, G.N. 8-71406
- Igonin, S.I.** see Predvoditelev, A.A. 8-59808
- Iguchi, E.** see Shimizu, Y. 8-55880
- Iguchi, H.**, Ito, Y., Kawabe, T., Muraoka, K. Rapid current-penetration in turbulent heating of a high-density plasma 8-51320
- Iguchi, I.** Anomalous temperature dependence of the quasiparticle-injection-induced voltage onset in superconducting lead films 8-56256
- Iguchi, M.** see Miyake, Y. 8-83408
- Iguchi, T.** see Fukui, Y. 8-73750
- Iguchi, Y.** Soft X-ray spectra of solids containing silicon in tetrahedral and octahedral coordination with oxygen 8-72640
- Ih, C.S.** Archival characteristics of Fourier color holograms 8-55314
- Ih, C.S.**, Baxter, L.A. Improved random spatial phase modulation for speckle elimination 8-58920
- Ih, C.S.**, Kong, N., Giriappa, T. Computer-produced holograms for scanners utilizing an auxiliary reflector 8-71054
- Ihara, H.** see Ebisawa, S. 8-90465
- Ihara, T.** see Otsu, Y. 8-85671
- Ihm, J.**, Louie, S.G., Cohen, M.L. Diamond-metal interfaces and the theory of Schottky barriers 8-52086
- Ihm, J.**, Louie, S.G., Cohen, M.L. Pseudopotential calculations of the electronic structure of germanium and diamond Schottky barriers 8-95364
- Ihrig, E.** see Rosensteel, G. 8-66231
- Ihrig, H.** The positive temperature coefficient resistivity of BaTiO₃ ceramics as a function of the amount of titanium-rich second phase 8-72151
- Ihrig, H.**, Hennings, D. Electrical transport properties of n-type BaTiO₃ 8-84215
- Iida, A.**, Kohra, K. Separate measurements of dynamical and kinematical X-ray diffractions for perfect and surface-damaged single crystals with a triple-crystal diffractometer 8-55784
- Iida, H.**, Ide, T., Seki, Y. Nuclear heat deposition in cryosorption pumps of a fusion reactor 8-66414
- Iida, H.**, Seki, Y., Ide, T. Induced activity and dose rate in a diffusion reactor with molybdenum blanket structure 8-54872
- Iida, K.**, Fujii, E. Low cycle fatigue strength of steels and welds in relation to static tensile properties 8-64684
- Iida, M.** see Imai, M. 8-90513
- Iida, M.** see Miyazono, T. 8-84232
- Iida, M.** see Shiraishi, T. 8-80078
- Iida, N.** see Hayashi, K. 8-55897
- Iida, N.** see Maruyama, Y. 8-92689
- Iida, S.** Second order boundary-layer solutions for the stagnation flow of a circular cylinder 8-63432
- Iida, S.** Stability of a two-dimensional stagnation flow 8-75146
- Iida, S.** Nonlinear stability of a two-dimensional stagnation flow 8-90831
- Iida, S.**, Araki, H., Oda, M., Matsunaga, Y., Yoshiyama, Y., Nihei, T., Mimoto, Y. The ultrasonic flow meter for the sodium cooled fast breeder reactor 8-78455
- Iida, S.**, Kohno, M., Tsunoda, Y., Kunitomi, N. Strain wave in chromium alloys 8-60266
- Iida, S.**, Mizushima, K., Mizoguchi, M., Umemura, S., Yoshida, J. Electronic structure of magnetite at low temperature. [Structural model] 8-67686
- Iida, S.** see Higashi, S. 8-55081
- Iida, S.** see Mizushima, K. 8-64309
- Iida, S.** see Nakao, K. 8-68330
- Iida, S.** see Tanaka, S. 8-76299
- Iida, T.**, Kokubo, Y., Sumita, K., Wakayama, N., Yamagishi, H. A fast response electrometer for pulse reactor experiments 8-70157
- Iida, T.** see Imanaka, K. 8-60502
- Iida, T.** see Ohkura, H. 8-95118

- Iijima, S., Buseck, P.R. Experimental study of disordered mica structures by high-resolution electron microscopy 8-91344
- Iijima, S., Okazaki, S. Filtering characteristics of a smoothing method by parabola fitting 8-89084
- Iijima, S., Shibutani, G., Sakai, T. Travel time and accuracy of reception of remote time signals on short waves, WWV and WWVH, as received in Tokyo 8-69606
- Iijima, S. *see* O'Keefe, M.A. 8-71653
- Iijima, T. Operating characteristics and upper level population mechanisms in the 7588-Å He-Zn hollow cathode laser 8-63071
- Iijima, T., Uemura, T., Tsuzuku, S., Komi-yama, J. Diffusion of cyclodextrins in aqueous polymer solutions 8-91460
- Iijima, T. *see* Oishi, M. 8-81591
- Iijima, T. *see* Salfekos, N.A. 8-77423
- Iino, T. *see* Ishikawa, I. 8-55064
- Iinuma, K., Kidokoro, T., Takemura, Y. High-resolution real-time ultrasonic imaging systems for medical use 8-69160
- Iinuma, T. Transmission and emission computed tomography 8-81042
- Iio, K., Hyodo, H., Nagata, K., Yamada, I. Study of magnetic energy in one-dimensional $S=1/2$ Heisenberg antiferromagnet $KCuF_3$ by optical birefringence 8-52467
- Iio, K. *see* Komatsubara, T. 8-76300
- Iisaka, J. Environmental potential survey by remote sensing 8-57374
- Iitaka, Y. *see* Itoh, M. 8-84630
- Iiyama, M., Kamiya, T., Yanai, H. Optical field mapping using single-mode optical fibers 8-74966
- Iiyoshi, A., Motojima, O., Ohnishi, M. Ignition of catalyzed-D reactor from D-T burning 8-66419
- Iizima, S. *see* Sugi, M. 8-88045
- Iizuka, K. *see* Morimura, M. 8-70090
- Iizuka, K. *see* Nagai, S. 8-59218
- Iizuka, S. *see* Saeki, K. 8-75311
- Iizuka, Y. Range gate of the laser ranging equipment 8-89076
- Iizuka, Y. Telescope drive of the laser ranging equipment 8-89078
- Iizumi, M., Gesi, K. Incommensurate satellite reflections in the ferroelectric phase of deuterated ammonium Rochelle salt 8-84531
- Ijaz-ur-Rahman, Ahmed, K. Electron mean free path in a thin metal film 8-72283
- Iji, T., Tabuchi, Y. Operating experience—Genkai Nuclear Power Station Unit No.1 during the first two fuel cycles 8-86655
- Ijiri, K. Gamma-ray irradiation on primordial germ cells in fish *Oryzias latipes*: quantitative assessment of changes in nuclear size 8-53451
- Ik Hwan Lee, Chang Kun Lee, Chang Guk Yang, Chong Chul Yook Fuel cost analysis of CANDU-PHWR Wolsung nuclear power plant unit 1 8-54832
- Ikada, E., Sugimura, T., Watanabe, T. Dielectric properties of oligomers. VI. End-group effects in vinyl acetate and methyl methacrylate oligomers 8-92019
- Ikawa, H., Shin, S., Nakao, Y., Nishimoto, K. Knife line attack phenomenon in stabilized stainless steels—Dissolution phenomenon of carbides in thermal cycles 8-68701
- Ikawa, H., Shin, S., Nakao, Y., Nishimoto, K. Knife line attack phenomenon in stabilized stainless steels—Dissolution phenomenon of carbide during isothermal heat treatment 8-72784
- Ikawa, K., Kurata, Y., Iwamoto, K. Reaction hot pressing of graphite-silicon 8-60592
- Ikawa, K. *see* Kohsaka, M. 8-61278
- Ike, H., Mlyachuk, K., Yoshida, K. Material dependence of sliding surface damage under no lubrication. II. A study of sliding of metallic materials 8-56780
- Ike, H., Okabe, H., Tsuji, E. The oxidation behavior of Fe-14 Cr alloys with low Al contents at high temperatures 8-60872
- Ike, H. *see* Herai, T. 8-76768
- Ikebe, J. *see* Kosugi, Y. 8-92759
- Ikebe, Y. *see* Minato, S. 8-81161
- Ikeda, A. *see* Hinotani, S. 8-53024
- Ikeda, B. *see* Gulens, J. 8-92526
- Ikeda, G. *see* Sumi, S. 8-92930
- Ikeda, H., Hutchings, M.T. Spin wave excitations in a two-dimensional Ising-like antiferromagnet, Rb_2CoF_4 8-72342
- Ikeda, H., Suzuki, M., Hutchings, M.T. Neutron scattering from $Rb_2Co_2Mg_{1-x}F_4$: observation of two-dimensional magnetic long-range order 8-56295
- Ikeda, H. *see* Arai, I. 8-74347
- Ikeda, H. *see* Kamae, T. 8-82215
- Ikeda, H. *see* Suzuki, M. 8-91871
- Ikeda, J. *see* Takebayashi, M. 8-92752
- Ikeda, J. *see* Yamanaka, T. 8-92629
- Ikeda, K., Aoki, M., Kikuchi, H., Schieferstein, U., Berger, C. Fracture toughness of turbine rotor shaft and validity criterion for K_{Ic} 8-72861
- Ikeda, K., Kan, H., Oomura, E., Matsui, K., Ishii, M., Susaki, W. TJS laser maintaining a single mode behavior even after 12000-hour CW aging 8-66831
- Ikeda, K. *see* Anani, A.B. 8-57125
- Ikeda, K. *see* Ando, T. 8-89899
- Ikeda, K. *see* Hirano, R. 8-82985
- Ikeda, K. *see* Ikeda, S. 8-56714
- Ikeda, K. *see* Ioi, T. 8-63355
- Ikeda, K. *see* Kawakami, K. 8-53465
- Ikeda, K. *see* Okada, J. 8-78659
- Ikeda, K. *see* Oomura, E. 8-55356
- Ikeda, K. *see* Shiraishi, Y. 8-59965
- Ikeda, K. *see* Tohsaki-Suzuki, A. 8-54780
- Ikeda, K. *see* Ueda, Y. 8-60803
- Ikeda, M. Hole photoinjection from gold into poly (N-vinylcarbazole) 8-76144
- Ikeda, M. *see* Hatakeyama, T. 8-71843
- Ikeda, M. *see* Jun-ichi Sakai 8-94437
- Ikeda, M. *see* Takahashi, K. 8-76688
- Ikeda, M. *see* Tanifuji, T. 8-63174
- Ikeda, N., Yamaguchi, H. The circular dichroism spectra of the β -cyclodextrin complex with azulene 8-58713
- Ikeda, N. *see* Hashizume, Y. 8-83418
- Ikeda, S. Some constructive comments on the theory of fields in Finsler spaces 8-49963
- Ikeda, S. On the 'geometrization' of the Brans-Kicke's scalar field 8-54258
- Ikeda, S. Gauge field theory and the concept of supersymmetry 8-58150
- Ikeda, S. Some physico-geometrical remarks on the concept of supersymmetry 8-74172
- Ikeda, S. Some thermodynamical remarks on the theory of gravitational field 8-81899
- Ikeda, S., Ikeda, K., Tanaka, E. Analysis of deformation in axisymmetric indirect extrusion based on an upper bound approach 8-56714
- Ikeda, S. *see* Fincher, C.R., Jr. 8-92137
- Ikeda, S. *see* Kusaka, Y. 8-55756, 8-59688
- Ikeda, S. *see* Nagano, M. 8-95686
- Ikeda, T., Fujimura, I., Kato, J. Electrooptic properties of tungsten-bronze type ferroelectrics $Ba_{4-x}Na_{2-x}Nb_{10-x}Ti_2O_{30}$ 8-76432
- Ikeda, T., Inawashiro, S. Depolarizing- or demagnetizing-field in electromechanical extensional vibrators. II. Demagnetizing-field effect in a piezomagnetic rod under the longitudinal-effect extensional vibration 8-95504
- Ikeda, T., Inawashiro, S. Depolarizing- or demagnetizing-field in electromechanical extensional vibrators. I. Depolarizing-field effect in a piezoelectric rod under the longitudinal-effect extensional vibration 8-95551
- Ikeda, T., Ohta, N., Ishida, F., Sugita, Y., Suzuki, R., Takahashi, M. Two resonance peaks in high g bubble garnet films 8-68388
- Ikeda, T. *see* Maeda, M. 8-76390
- Ikeda, T. *see* Nishi, S. 8-88459
- Ikeda, Y. Intimate correlation in composition between granitic rocks and their country rocks in Japan 8-81119
- Ikeda, Y., Yamamoto, H., Kawade, K., Katoh, T., Nagahara, T. Level properties of ^{146}Nd in the decay of ^{146}Pr 8-86476
- Ikeda, Y. *see* Kozai, Y. 8-95726
- Ikeda, Y. *see* Sugimoto, Y. 8-92800
- Ikegami, H., Yamazaki, T., Morinobu, S., Katayama, I., Fujiwara, M., Fujita, Y., Koori, N., Taketani, H., Adachi, M., Matsuzaki, T., Matsuki, S., Matoba, M. Evidence for the fine-structure of the hole-state analogs 8-50065
- Ikegami, H., Yamazaki, T., Morinobu, S., Katayama, I., Fujiwara, M., Fujita, Y., Koori, N. Evidence for the fragmentation of hole-state analogues in ^{59}Ni and ^{58}Co 8-54731
- Ikegami, K. *see* Shiratori, E. 8-76701
- Ikegami, K. *see* Yoshida, F. 8-52896
- Ikegami, S. Calculated frequency spectra of axially symmetric extensional vibration in discs with Poisson's ratio of 1/3 8-90745
- Ikegami, T., Matsuda, S., Suzuki, H. The effects of halide dopants on calcination and sintering of MgO 8-95719
- Ikegami, T., Tsutsumi, M., Matsuda, S., Shirasaki, S., Suzuki, H. A model of densification with simultaneous grain growth 8-80486
- Ikegami, T. *see* Moriyoishi, Y. 8-56796
- Ikegami, Y. *see* Onuma, I. 8-66452
- Ikehara, S. *see* Hirota, O. 8-71049
- Ikejiri, T. On the arc resistance of epoxy resin cured with composite curing agents 8-92371
- Ikemori, K. *see* Ochi, M. 8-90965
- Ikemoto, I. *see* Kanegae, N. 8-82418
- Ikeno, S., Matsumoto, K., Yokoyama, M., Mikawa, H. The dielectric permittivity of copolymers comprising styrene and n-butyl-2-vinylpyridinium-TCNQ 8-56416
- Ikeno, S., Yokoyama, M., Mikawa, H. Dielectric constants of blend polymers consisting of a polymeric-tetracyanoquinodimethane salt and insulating polymers 8-60375
- Ikeno, S., Yokoyama, M., Mikawa, H. Electrically conductive elastomeric TCNQ complexes 8-84220
- Ikenoue, J. *see* Yukawa, T. 8-95486
- Ikeya, K. *see* Sato, H. 8-89065
- Ikeya, M. *see* Miki, T. 8-88807
- Ikezawa, M., Nanba, T. Two-phonon difference absorption spectra in Ge crystals 8-76452
- Ikezawa, M., Nanba, T., Maruyama, M. Multi-phonon optical absorption in cuprous halide crystals 8-60462
- Ikezawa, M. *see* Maruyama, M. 8-52485
- Ikezawa, M. *see* Nanba, T. 8-60494
- Ikezawa, S., Sunamori, S. Estimation of the azimuthal angle of T-D mode induced scattering from ion sound wave parametrically excited in T-D resonance 8-75322
- Ikezi, H. Solitary waves in plasmas 8-75334
- Ikezi, H. *see* Allen, G.R. 8-91127
- Ikezi, H. *see* Mima, K. 8-67879
- Ikoma, T., Ogura, M., Adachi, Y. Acoustic-emission study of defects in GaP light-emitting diodes 8-91759
- Ikoma, T. *see* Yokomizo, H. 8-88040
- Ikonnikov, D.S. *see* Zykov, B.M. 8-92402
- Ikonomou, P.F., Yakinthos, J.K., Anagnostopoulos, T. Ordering temperatures and effective moments of $RAu_{3.6}$ compounds (R=Pd, Nd, Sm, Gd, Tb, Dy and Ho) 8-60283
- Ikossi, P.G. *see* Baxter, A.M. 8-89886
- Ikossi, P.G. *see* McDonald, A.B. 8-89871
- Ikrami, D.D., Ol'khovaya, L.A., Luginina, A.A. Synthesis of MgF_2 for optical ceramic 8-52729
- Ikrami, D.D. *see* Sobolev, D.F. 8-67700
- Ikuno, H., Yasuura, K. Application of smoothing process on the mode-matching method to scattering from a two-dimensional symmetric body 8-58887
- Ikuno, H. *see* Yasuura, K. 8-58886
- Ikushima, A., Yuyama, J. Recent measurement of specific heat of helium adsorbed on Nucleopore filter 8-79852
- Ikushima, A. *see* Ken-ichi Tozaki 8-84016
- Ikushima, A. *see* Mimura, F. 8-73825
- Ikushima, A. *see* Roe, D.B. 8-79848
- Ikushima, I., Maeda, M. Self-coupled phenomena of semiconductor lasers caused by an optical fiber 8-55355
- Ikushima, K. *see* Irumata, A. 8-85737
- Ikushima, K. *see* Matsui, T. 8-78915
- Ikushima, T. Stress analysis methods and computer programs for HTGR fuels and graphite structures 8-74434
- Ikushima, T., Tamura, E. Contact visco-elastic stress analysis using finite element method 8-54817
- Ikuta, K. Plasma flow driven by fusion-generated alpha particles 8-83533
- Ikuta, S. $T \rightarrow He^+ \beta^-$ decay in $TH_2N \cdots H-NH_2$ and $TH_2CN_2N \cdots H-NH_2$ 8-79848
- Ikuta, S., Yoshihara, K., Shiokawa, T. Fragmentation by beta-decay in tritium-labelled compounds. III. Potential energy curves of $LiHe^+$, $BeHHe^+$ and FHe^+ resulting from LiT, BeHT and FT 8-56910
- Ikuta, S. *see* Kosaka, M. 8-79976
- Ilango, B., Ramamurthy, V.P. A simple monitor for both phase lead-lag and phase sequence detection 8-65942
- Ilavsky, M. *see* Havlicek, I. 8-83353
- Il'chenko, L.G. *see* Gabovich, A.M. 8-79951
- Il'chenko, M.A., Rudenko, A.N. Propagation of higher modes in a cylindrical duct with impedance walls 8-83146
- Il'chev, V.Ya., Klimenko, I.N., Khats'ko, E.N. Magnetic state of some iron-chrome-nickel alloys at low temperatures 8-56298
- Il'chishin, O.V. *see* Bar'yakhtar, V.G. 8-60325
- Ilegems, M. *see* McLevige, W.V. 8-79898
- Iles, A.J. Cutting between the dotted lines 8-93770
- Il'evskii, S.A. *see* Gorshkov, B.M. 8-82543
- Ilgunas, V., Saudargaite, A., Rutkuniene, D. Investigation of polyvalent electrolytes by acoustical method 8-61028
- Ilic, D.B., Harker, K.J., Crawford, F.W. Measurements of two-dimensional spectra of ion acoustic plasma turbulence 8-75479
- Ilic, R. *see* Rant, J. 8-60892
- Il'icheva, I.A., Tumanyan, V.G., Kister, A.E., Dashevskii, V.G. Non-standard conformations of the sugar ring in the A and B structures of DNA 8-80827
- Il'icheva, I.A., Tumanyan, V.G., Kister, A.E., Dashevskii, V.G. Improved definition of the A and B forms of DNA by the method of atom-atom potential functions 8-96000
- Ilie, P. *see* Garlea, I. 8-70537, 8-90033
- Iliev, M.N., Anastassakis, E., Arai, T. Raman scattering of $HgCr_2Se_4$ 8-52496
- Ilieva, M.S. *see* Kheibarov, T.I. 8-77844
- Il'in, A.A. *see* Bunin, L.A. 8-56664
- Il'in, A.M. *see* Zashkvara, V.V. 8-50688
- Il'in, A.V., Frol', V.V. Spatial-spectral analysis of the relief of the rift zone of the Atlantic Ocean 8-96190
- Il'in, L.A., Lobkova, N.A., Rozenberg, O.A. Approximate calculation for a thin film on an elastic base in the form of an infinite cylinder 8-63304

- Il'in, M.A.**, Ovsyannikova, N.V., Sisakyan, E.V. Method of measuring the small absorption coefficients of gallium arsenide single crystals 8-83048
- Il'in, N.P.**, Masterov, V.F. Chemical shift and effective atomic charges in III-V crystals 8-88201
- Il'in, S.V.** see Osipova, O.G. 8-94921
- Il'in, U.Yu.** see Krumin, A.E. 8-92046
- Il'in, V.D.**, Il'ina, A.N. Mechanism of nonadiabatic losses in a dipole trap 8-87002
- Il'in, V.G.**, Turutina, N.V., Vitusevich, V.T. IR spectra of crystalline sodium polysilicates and polysilicic acids 8-72528
- Il'in, V.K.**, Novotortsev, V.M., Krenev, V.A. Magnetic properties of Sm, Eu, and Yb dichlorides 8-52197
- Il'in, V.M.**, Polyak, I.I., Rukhovets, L.V., Shakhmeister, V.A. Some statistical spatial and time characteristics of long-period atmospheric pressure fluctuations 8-81298
- Il'in, V.P.** see Barabanova, G.Ya. 8-83440
- Il'in, V.S.** see Gusev, V.K. 8-59666
- Il'in, V.V.**, Pinchuk, V.M., Sorochinskaya, V.E. Calculation of the spectroscopic constants in diatomic molecules on the basis of nonempirical computations 8-82627
- Il'ina, A.N.** see Il'in, V.D. 8-87002
- Il'ina, G.G.** see Voronov, F.F. 8-75704
- Il'ina, M.A.**, Itskevich, E.S. Superconductivity of indium antimonide at high pressures 8-88063
- Il'ina, V.P.**, Kuz'minskaya, L.N., Lapin, P.G., Spiridonov, V.B., Fridman, V.S. Thermal embrittlement of stainless maraging steels 8-84986
- Il'inski, A.I.**, Palatnik, L.S., Podtezhnikov, A.A. Influence of a phase boundary on the flow stress of a model layer composite 8-60717
- Il'inski, N.B.** One pulsed hydrodynamic model of a cratering explosion 8-51180
- Il'insky, W.W.** see Saitsev, A.A. 8-67523
- Iliopoulos, J.** An introduction to gauge theories 8-82119
- Ilisavskii, Yu.V.**, Kulakova, L.A., Kheifets, A.S., Yakhkind, E.Z. Absorption of sound in silicon carbide 8-88000
- Ilisca, E.** Introduction to a theory of ortho-para H_2 conversion on paramagnetic catalysts: The magnetic field effect 8-61050
- Ilijinov, A.S.**, Cherepanov, E.A., Chigrinov, S.E. An analysis of nuclear fission for intermediate-energy proton induced reactions 8-70579
- Ilyukhin, B.I.** see Gippius, E.F. 8-59546, 8-67601
- Ilkovic, V.** Variational method for the cluster model of the structurally disordered Heisenberg ferromagnet 8-91839
- Illangasekare, T.**, Morel-Seytoux, H.J. A finite element 'discrete kernel generator' for efficient groundwater management 8-92873
- Ille, B.** see Badelek, B. 8-90011
- Ille, B.** see Burg, J.P. 8-82569, 8-89741
- Ille, E.** see Graczyk, J. 8-76896
- Ilige, J.D.**, Hulet, E.K., Nitschke, J.M., Dougan, R.J., Loughreed, R.W., Ghiorso, A., Landrum, J.H. Search for volatile superheavy elements from the reaction $^{248}\text{Cm} + ^{48}\text{Ca}$ 8-94027
- Illingworth, A.** Charging up a thunderstorm 8-81320
- Illingworth, A.J.** see Gaskell, W. 8-73485
- Ilonca, G.** Magnetic properties of amorphous $\text{Cr}_{18}\text{Pd}_{82-x}\text{Ge}_{18}$ alloys 8-80148
- Ilonca, G.**, Barbee, T.W., Jr. Superconductivity in V-Si and V-Si-C alloy films 8-72299
- Ilonca, Gh.** Electrical resistivity and magnetoresistivity of amorphous $\text{Cr}_{18}\text{Pd}_{82-x}\text{Ge}_{18}$ alloys 8-76066
- Ilonca, Gh.** Magnetic properties of amorphous $\text{Mn}_{18}\text{Pd}_{82-x}\text{Ge}_{18}$ alloys 8-91906
- Ilovaisky, S.A.**, Chevalier, C., Chevreton, M., Bonazzola, S. Variable optical flickering in Cygnus X-2 8-73773
- Ilsoun Hwang, Chungkun Lee, Byungho Lee** Mechanical and thermal analysis of oxide fuel rods 8-86571
- Iiver, L.** see Kanski, J. 8-71983
- Ilyankov, A.I.**, Starukhin, V.P. Automatic measurement of off-balance using a laser 8-70117
- Ilyashenko, B.N.** see Sabel'nikov, A.G. 8-69007
- Ilyasov, S.G.**, Krasnikov, V.V., Tyurev, E.P. Methods of examining beam diffusion in an absorbing and scattering material 8-62215
- Ilyasov, S.G.**, Krasnikov, V.V., Tyurev, E.P., Ageenko, I.S. Improved two-beam specular hemispheric method for measuring thermal radiation characteristics of scattering materials 8-58004
- Ilyasov, S.G.**, Krasnikov, V.V., Tyurev, E.P., Ageenko, I.S. Attachment to the IKS-21 spectrophotometer for measuring the angular characteristics of diffusely scattering materials subject to hemispherical irradiation 8-65985
- Ilyukhin, V.V.** see Kachalov, O.V. 8-76470
- Ilyukhin, V.V.** see Karaev, K.Sh. 8-63750
- Ilyukhin, V.V.** see Sokolov, Yu.A. 8-83805
- Ilyukhin, V.V.** see Sorokina, N.I. 8-83807
- Ilyushin, A.S.**, Teben'kov, Yu.V. Low temperature modifications of the crystal structures of the intermetallics TbCo_2 , TbFe_2 8-75632
- Ilyushina, G.A.** Some corollaries of the macroscopic determinancy principle in continuum mechanics 8-77714
- Ilyushkin, V.A.**, Noskov, D.A., Shargin, A.S., Shibaev, Yu.A. Multichannel ion-beam device 8-74522
- Ilyushonok, A.S.**, Lazarenko, P.V., Lysak, V.A., Makarov, L.V., Yas'kov, E.N. Electrochemical cell for determining the partial pressure of oxygen 8-85420
- Im-Sarooun** see Dusseau, J.M. 8-64048
- Imachi, M.**, Otsuki, S. How can several baryoniums be narrow? Mass formula and selection rule of unconventional hadrons 8-66089
- Imachi, M.**, Yoneyama, H. Large p, hadron productions and string junction model 8-62380
- Imada, M.** Void lattice formation-spinodal decomposition of vacancies 8-92234
- Imahashi, T.** see Motojima, K. 8-58365
- Imai, H.**, Isozumi, K., Takusagawa, M. Deep level associated with the slow degradation of GaAlAs DH laser diodes 8-87050
- Imai, H.**, Senna, M. Energy storage and liberation of vibro-milled $\gamma\text{-Fe}_2\text{O}_3$ 8-83941
- Imai, K.** see Nakamura, M. 8-54754
- Imai, K.** see Tamura, N. 8-54641
- Imai, K.** see Yatsuzuka, M. 8-91124
- Imai, M.**, Iida, M., Asakura, T. Off-axis speckle contrast of laser light transmitted through multimode optical fibers 8-90513
- Imai, M.**, Miyahara, S., Asakura, T. Scattering characteristics of a beam mode in dielectric-slab optical waveguide 8-87163
- Imai, S.**, Aihara, W., Mizukami, H., Omori, Y., Masuda, T. Shimadzu inductively coupled plasma quantometer model ICPQ-100 8-83624
- Imai, T.** see Yazaki, T. 8-94416
- Imai, Y.** see Yamashita, S. 8-96115
- Imaizumi, S.**, Hiki, S. Extraction of motor command from electromyogram by means of a pulse counting method 8-53546
- Imamov, E.M.** see Guseinov, I.I. 8-78722
- Imamov, R.M.** see Semiletov, S.A. 8-72039
- Imamura, A.** see Mori, E. 8-59242
- Imamura, M.** see Arai, S. 8-66547
- Imamura, M.** see Kimura, K. 8-76534
- Imamura, M.** see Yanagita, S. 8-73669
- Imamura, N.** see Mimura, Y. 8-60323, 8-84428
- Imamura, N.** see Watanabe, T. 8-76279
- Imamura, R.** see Ohnami, M. 8-72843
- Imamura, T.** see Hasegawa, A. 8-91109
- Imanaka, K.**, Iida, T., Ohkura, H. Vibronic theory on magnetic properties of the relaxed excited state of F center 8-60502
- Imanaka, K.** see Ohkura, H. 8-95118
- Imanaka, Y.** see Yamashita, M. 8-68900
- Imandel, K.**, Razeghi, N., Samar, P. Tehran ground water pollution by detergents 8-61453
- Imanishi, B.**, Tanimura, O. Repeated neutron transfer in the elastic- and inelastic scatterings of ^{16}O and ^{17}O 8-54782
- Imanov, E.Z.**, Kramer, N.I., Sagdullaeva, S.A. Drag of electrons in photoionization of deep impurity centers 8-51938
- Imaoka, M.** see Hasegawa, H. 8-87621
- Imaoka, Y.** see Uehori, T. 8-95479
- Imas, Ya.A.** see Aleshin, I.V. 8-80438
- Imazato, J.** see Hayano, R.S. 8-80268
- Imazeki, H.** see Yamamoto, H. 8-65953
- Imazu, S.**, Miura, K., Takamatsu, T., Shindo, H., Maruyama, T. Ionization waves (striations) at the vicinity of the critical magnetic field B_c in a magnetized positive column 8-67522
- Imazu, S.**, Miura, K., Taniguchi, T., Takamatsu, T., Fujita, H. Experimental study on the moving striations in a magnetized positive column in helium 8-83634
- Imber, M.** Non-linear heat transfer in solids: Direct and inverse considerations 8-94510
- Imberger, J.** see Sherman, F.S. 8-59444
- Imbert, C.** see Levy, Y. 8-79528
- Imbert, C.** see Riviere, D. 8-60413
- Imbert, M.** Orbital elements and dimensions of eclipsing binary VV Mon 8-89225
- Imbert, P.** see Buisseret, P. 8-53396
- Imbert, P.** see Genand-Riondet, N. 8-66022
- Imbruce, R.**, Nair, S. The effect of decreasing inspiratory phase time on the work of breathing measured with an analog integrator 8-85331
- Imbruce, R.** see Nair, S. 8-85295
- Imenitova, E.V.** Synthesis of continuous matching systems 8-77728
- Imenitova, E.V.**, Chernyshev, K.V., Shegai, V.V. Axisymmetric flexural vibrations of free disks 8-51114
- Imenkov, A.N.**, Lideikis, T.P., Tsarenkov, B.V., Shernyakov, Yu.M., Yakovlev, Yu.P. Electroluminescence of variable-gap $\text{Ga}_{1-x}\text{Al}_x\text{Sb}$ p-n structures 8-52582
- Imeson, D.** see Moodie, A.F. 8-83674
- Imhof, H.** see Doi, K. 8-69186
- Imhof, K.** see Kern, H. 8-80806
- Imhof, R.E.** see Al-Obaidi, S.J. 8-76515
- Imhof, W.L.**, Reagan, J.B., Gaines, E.E., Larsen, T.R., Davis, J.R., Moler, W. Coordinated measurements of ELF transmission anomalies and the precipitation of energetic particles into the ionosphere 8-93040
- Imlay, R.** see Benvenuti, A. 8-82196
- Imlay, R.** see Wanderer, P. 8-66073
- Imoto, M.** The asymptotic behavior of the quark form factor 8-89660
- Imoto, N.** see Tanaka, S.-i. 8-87146
- Imoto, S.** see Tanabe, T. 8-66345, 8-72002
- Impellizzeri, F.S.** see Aschman, D.G. 8-78201
- Imray, T.J.** see Salles-Cunha, S.X. 8-77144
- Imry, Y.**, Schulman, L.S. Qualitative theory of the nonlinear behaviour of coupled Josephson junctions 8-52159
- Imry, Y.** see Aharony, A. 8-52282, 8-52283
- Imry, Y.** see Bergman, D.J. 8-52273
- Imshennik, V.S.** see Ivanova, L.N. 8-65608
- Imura, H.** see Gilpin, R.R. 8-71342
- Imura, T.**, Saka, H., Noda, K. HVEM in situ observations of dynamical behaviour of dislocations 8-83822
- Imura, T.** see Saka, H. 8-51564, 8-51565
- In Che Yang** see Stuiver, M. 8-77284
- In den Baumen, J.** Schulte see Schulte in den Baumen, J.
- In He** see He In
- In Lee Dong** see Dong In Lee
- Inaba, A.**, Mitsui, K. Effects of impurity and of annealing on the triple point of methane 8-83919
- Inaba, H.** see Ito, H. 8-74950
- Inaba, H.** see Seki, N. 8-67195, 8-71392
- Inaba, T.**, Murata, S. Pulsating laminar flow in a sinusoidally curved pipe 8-87390
- Inabe, K.**, Takeuchi, N. The role of Cu^+ in the thermoluminescence of X-irradiated NaCl 8-56526
- Inabe, K.**, Takeuchi, N. Effect of impurity aggregation on the shift of thermoluminescence glow peak of X-irradiated $\text{KCl}:\text{Sr}^{2+}$ 8-88367
- Inabe, K.** see Takeuchi, N. 8-84620
- Inada, R.** see Tanuma, S. 8-72173
- Inada, S.** see Sakamaki, K. 8-52942, 8-72839, 8-84919
- Inada, T.**, Miwa, H., Kato, S., Kobayashi, E., Hara, T., Mihara, M. Annealing of Se-implanted GaAs with an oxygen-free CVD Si_3N_4 encapsulation 8-83834
- Inada, T.** see Furuya, T. 8-75682
- Inada, T.** see Nishi, H. 8-51569
- Inagaki, H.** Point-splitting derivation of anomalous divergence for the spinor current 8-74148
- Inagaki, K.** see Tsunasaawa, E. 8-80477
- Inagaki, M.**, Naka, S. Characterization of powders by effective Debye parameter 8-95705
- Inagaki, M.**, Oberlin, A., de Fonton, S. Texture change in hard carbon on heat treatment under pressure 8-60687
- Inagaki, M.** see Ito, S. 8-63860
- Inagaki, S.**, Hachisu, I. Thermodynamic stability of rotating gaseous cylinders. I. Stability analysis by linear series 8-81618
- Inagaki, T.**, Ueda, A., Kuwata, H. Sum rules for complex reflection amplitudes of photons 8-63006
- Inagaki, T.** see Adachi, T. 8-89635
- Inakazu, N.**, Yamamoto, H., Tsukuda, I. On the rotation of the axial orientation and the development of the deformation band during drawing of copper single crystals 8-76710
- Inal, O.T.**, Murr, L.E. Laser-shock-induced microstructural changes and a comparison with explosive-shock-induced phenomena in metals: Field-ion and electron microscopic studies 8-67768
- Inan, U.S.**, Bell, T.F., Helliwell, R.A. Nonlinear pitch angle scattering of energetic electrons by coherent VLF waves in the magnetosphere 8-89011
- Inawashiro, S.** see Ikeda, T. 8-95504, 8-95551
- Inbar, G.F.** see Adam, D. 8-80861
- Inbar, G.F.** see Windhorst, U. 8-85303
- Incropera, F.P.** see Mauck, G.W. 8-80834
- Incropera, F.P.** see Privoznik, K.G. 8-92604
- Incropera, F.P.** see Yaghoubi, M.A. 8-94704
- Indebetouw, G.** Profile measurement using projection of running fringes 8-93647
- Indenbom, M.V.**, Filippov, V.S. Diffraction of an arbitrary electromagnetic wave on a convex, smooth, ideally conducting and electrically large surface 8-94363
- Indenbom, V.L.** see Al'shits, V.I. 8-79509
- Inderjit, M.** see Kuppu Rao, V. 8-79352
- Indlin, Yu.A.** Measurement of differences between sounds 8-55521
- Indow, T.**, Kanazawa, H., Sugano, L. Principal hue components in Munsell colors 8-56999
- Indra, M.** see Bohdanecky, Z. 8-96040
- Indu, B.D.**, Tiwari, M.D., Agrawal, B.K. Enhanced lattice specific heat due to gold impurities in Cu-Au alloys 8-51699

- Indutnyi, I.Z.** *see* Kostyshin, M.T. 8-56535, 8-59101, 8-72546
- Infeld, E.,** Hen, M., Rowlands, G. Three dimensional stability of Korteweg de Vries waves and solitons 8-83540
- Infelta, P.P.** *see* Maestri, M. 8-92603
- Infinger, K.R.** *see* Prince, J.L. 8-73553
- Infuhr, E.** *see* Friedrich, K. 8-50241
- Ing An** *see* An Ing
- Ingel', L.Kh.** Role of horizontal friction forces in tropical circulation 8-65360
- Ingel', L.Kh.** *see* Gertsenshtein, M.E. 8-81893
- Ingelman, S.** *see* Ekstrom, C. 8-78257
- Ingels, J.,** Arijis, E., Nevejan, D., Forth, H.J., Schafer, G. Liquid helium cryopump and reliable opening device for a balloon-borne mass spectrometer 8-77370
- Ingels, J.** *see* Nevejan, D. 8-93661
- Ingemarsson, A.,** Tibell, G. Elastic and inelastic proton scattering from ^{89}Y 8-89873
- Inger, G.R.** On the curvature of compressible boundary layer flows near separation 8-55661
- Inger, G.R.,** Sobieczky, H. Shock obliquity effect on transonic shock-boundary layer interaction 8-90933
- Ingersoll, A.P.,** Dobrovolskis, A.R. Venus' rotation and atmospheric tides 8-85877
- Ingersoll, A.P.,** Porco, C.C. Solar heating and internal heat flow on Jupiter 8-85888
- Ingersoll, K.A.** *see* Johnson, L.F. 8-55469
- Ingham, W.H.** *see* Leung, K.N. 8-55080
- Ingle, K.W.,** Crocker, A.G. Migration of vacancies near twin boundaries in body-centred-cubic metals 8-51535
- Ingle, K.W.,** Crocker, A.G. The interaction between vacancies and the $\frac{1}{2}\langle 111 \rangle$ $\{110\}$ edge dislocation in body centred cubic metals 8-83845
- Ingle, S.G.,** Bangre, B.M. Domain formation inside thick crystals of ferroelectric PbNb_2O_6 8-60410
- Ingle, S.G.,** Bangre, B.M. Domain structure in ferroelectric PbNb_2O_6 8-64340
- Inglesfield, J.E.** The electronic structure of surfaces with the matching Green function method. I. General formalism 8-88013
- Inglesfield, J.E.** The electronic structure of surfaces with the matching Green function method. II. FCC and BCC transition metal surfaces 8-88014
- Inglesfield, J.E.,** Moore, J.D. The exchange-correlation hole at a surface 8-80037
- Inglima, G.** *see* Cuzzocrea, P. 8-62528
- Inglis, C.R., Jr.,** Huong-Peng Tsou, B., Gast, T.J., Burns, S.A., Emerick, J.O., Riesen-berg, L. The achromatic channel. I. The non-linearity of minimum-border and flicker matches 8-65028
- Inglis, B.D.** An absolute method for the determination of AC-DC transfer errors in thermoelements 8-93643
- Ingold, C.F.** *see* Burshtein, Z. 8-95310
- Ingold, K.U.** *see* Brunton, G. 8-90192
- Ingraffea, A.R.** *see* Lynn, P.P. 8-63376
- Ingraham, R.L.** Conformal relativity, a theory of mass. I. Survey of theoretical results 8-77706
- Ingraham, R.L.** Conformal relativity, a theory of mass. II. Special conformal relativity 8-77707
- Ingraham, R.L.** Conformal relativity. VI. Classification of the metric bosons 8-93803
- Ingraham, R.L.** Conformal relativity. III. The classification of particle species. The space-time origin of isospin 8-93815
- Ingram, C.H.Q.** *see* Jansen, J. 8-86552
- Ingram, C.H.Q.** *see* Pedroni, E. 8-66321
- Ingram, D.C.** *see* Donnelly, S.E. 8-75889
- Ingram, Q.,** Boschitz, E., Pflug, L., Zichy, J., Albanese, J.P., Arvieux, J. The elastic scattering of π^+ and π^- by ^{16}O and ^{40}Ca across the (3,3) resonance 8-62579
- Ingram, Q.** *see* Albanese, J.P. 8-54802
- Inguscio, M.** *see* Benedetti, R. 8-59056
- Ingvar, D.H.** Functional landscapes in the brain studied with regional blood flow measurements. [MacKenzie Davidson Memorial Lecture, 1977] 8-85356
- Inikhov, A.G.** *see* Garapov, E.F. 8-82410
- In'kov, A.P.** *see* Yarkho, S.A. 8-75190
- Inkson, J.C.,** Bennett, M. Exchange and correlation potential in silicon. II 8-56068
- Inkson, J.C.** *see* Ma, K.B. 8-56085
- Inkson, J.C.** *see* Turner, R.D. 8-76010
- Innes, K.K.** *see* Job, V.A. 8-82862
- Innes, K.K.** *see* Random, B.D. 8-55184
- Innes, W.R.** *see* Vidal, R. 8-89877
- Innes, W.R.** *see* Yoh, J.K. 8-82344
- Innis, G.** *see* Atkins, R.P. 8-63132
- Ino, H.** *see* Kawano, K. 8-76678
- Ino, S.** Some new diffraction phenomena in reflection high energy electron diffraction of clean silicon (111) surfaces 8-63910
- Ino, S.** *see* Fukaya, K. 8-84108
- Ino, S.** *see* Ichikawa, T. 8-87723, 8-91521
- Ino, T.** A mass-sum rule based on Veneziano-type amplitudes with nondegenerate slopes and PCAC for π and K mesons 8-74180
- Inogamov, Sh.V.** *see* Azimov, S.A. 8-78421
- Inoguchi, T.** *see* Takenaka, T. 8-63772
- Inohara, M.** *see* Yoshimura, Y. 8-65000
- Inoko, F.** *see* Mima, G. 8-92328
- Inoko, Y.,** Mitsui, T. Structural parameters of dipalmitoyl phosphatidylcholine lamellar phases and bilayer phase transitions 8-64948
- Inoko, Y.** *see* Wakabayashi, K. 8-51395
- Inokuti, M.,** Baer, T., Dehmer, J.L. Addendum: Systematics of moments of dipole oscillator-strength distributions for atoms in the first and second row 8-58626
- Inokuti, M.,** Itikawa, Y., Turner, J.E. Addenda: Inelastic collisions of fast charged particles with atoms and molecules—The Bethe theory revisited [Rev. Mod. Phys. 43, 297 (1971)] 8-58783
- Inomata, H.,** Suzuki, T. Voltage clamp studies of the hyperpolarising inactivation in intestinal smooth muscle cell 8-80847
- Inomoto, K.,** Watanabe, S. A study on deterioration of speech quality by reverberation 8-94488
- Inoue, A.,** Masumoto, T., Arakawa, S., Iwadachi, T. Amorphous high-carbon alloy steels rapidly quenched from melts 8-59764
- Inopin, E.V.** *see* Kuprikov, V.I. 8-70747
- Inose, M.,** Sugano, R. Symmetry breaking pattern of SU(4) and baryon masses 8-89690
- Inoue, A.,** Masumoto, T. Transmission electron microscopic study on in situ carbide reactions during tempering of high carbon-high chromium steels rapidly quenched from the melts 8-84862
- Inoue, A.** *see* Aoki, S. 8-94097
- Inoue, F.,** Itoh, A., Kawanishi, K. Thermomagnetic writing in non-grooved garnet thin films prepared by LPE method 8-76278
- Inoue, H.** *see* Kawata, T. 8-57808, 8-62093
- Inoue, H.** *see* Yamaguchi, K. 8-68321
- Inoue, K.,** Sakai, S. Form factors of dipole states in lattice Schwinger models: 1+1-dimensional exercises 8-66029
- Inoue, K.,** Tate, A. Second approximation to the laminar boundary-layer flow over a parabola 8-63414
- Inoue, K.** *see* Ebara, R. 8-53023
- Inoue, K.** *see* Hotta, K. 8-56947
- Inoue, K.** *see* Kumamaru, K. 8-73271
- Inoue, K.** *see* Sato, Y. 8-55755
- Inoue, K.** *see* Sekine, H. 8-52138
- Inoue, M.** Biological systems and systems theory. VI 8-73134
- Inoue, M.** *see* Fujita, H. 8-64383
- Inoue, M.** *see* Kinoshita, S. 8-88834, 8-92860
- Inoue, M.** *see* Tanaka, M. 8-93930
- Inoue, M.** *see* Yamagata, T. 8-66190
- Inoue, N.** A study on ultrasonic spectra of L-serine in aqueous solutions, using an automatic recording ultrasonic spectrometer 8-75735
- Inoue, N.** Ultrasonic absorption of L-proline in aqueous solutions 8-87743
- Inoue, N.,** Sugawara, T. The spatial distribution of local magnetic susceptibility in Pt with addition of transition metal solutes 8-84484
- Inoue, N.** *see* Mori, M. 8-86680
- Inoue, N.** *see* Tsuchida, E. 8-52961
- Inoue, N.** *see* Yamazaki, K. 8-94922
- Inoue, S.,** Itoh, K., Tange, T., Nishikawa, K., Yoshikawa, S. Finite- β effect on transport by current-driven drift instability in sheared magnetic field 8-94898
- Inoue, S.,** Itoh, K., Tange, T., Nishikawa, K., Yoshikawa, S. Stability of current-driven drift waves and associated transport in a finite- β plasma with sheared magnetic field 8-94901
- Inoue, S.,** Itoh, K., Yoshikawa, S. Shear stabilization of collisional drift instability 8-59569
- Inoue, S.,** Itoh, K., Yoshikawa, S. Non-local drift instability of current-carrying plasma with temperature inhomogeneities 8-59580
- Inoue, S.** *see* Tange, T. 8-94899
- Inoue, T.** Instantons and restoration of symmetries 8-66033
- Inoue, T.,** Komatsu, H. An evidence of spiral growth on the surface of melt-grown KCl crystals 8-87637
- Inoue, T.,** Miura, T., Hayashi, S., Komatsu, H. Dislocation substructure of KCl crystals grown by the Czochralski method 8-67718
- Inoue, T.,** Onchi, T., Koyama, H., Suzuki, H. Irradiation effects or boron carbide used as control rod elements in fast breeder reactors 8-67742
- Inoue, T.,** Sankar, S.G., Craig, R.S. Effect of magnetocrystalline anisotropy on the low temperature heat capacity of HoAl_2 8-68236
- Inoue, T.,** Yamamura, K., Nemoto, T. A calorimeter for measurement of effective efficiency of 100 GHz bolometer mounts 8-54460
- Inoue, T.,** Yamamura, K., Nemoto, T. Automatic calorimeter system for the effective efficiency measurement of a bolometer mount in 35-GHz band 8-86272
- Inoue, T.** *see* Hashimoto, S. 8-83268
- Inoue, T.** *see* Ohmura, Y. 8-71749
- Inoue, T.** *see* Takagi, S. 8-82520
- Inoue, T.** *see* Umeya, K. 8-95770
- Inoue, Y.** *see* Aoyama, I. 8-53535
- Inoue, Y.** *see* Yamashita, S. 8-66170
- Inouye, C.S.** *see* Pong, W. 8-68601
- Inouye, H.** *see* Ishikawa, T. 8-86947, 8-90100
- Inouye, H.** *see* Liu, C.T. 8-83958
- Inouye, H.** *see* Shimakura, N. 8-50480
- Inouye, H.** *see* Thomas, E.W. 8-64417
- Inozemtseva, N.G.** Some properties of the statistical model of a crystal 8-55930
- Inozemtseva, N.G.,** Sadovnikov, B.I. Boltzmann-Enskog equation and asymptotic behaviour of the time autocorrelation functions 8-70079
- Insarova, N.I.** *see* Lugina, A.S. 8-71153
- Instone, T.,** Eaves, L. On the interpretation of photoconductivity spectra of GaAs doped with deep traps 8-52030
- Instone, T.,** Eaves, L. Deep centre photoluminescence spectra of GaAs(Cr, Si) 8-95601
- Instone, T.** *see* Ball, G.J. 8-84648
- Intemann, G.W.,** Greenhut, G.K. Scalar-meson model and radiative decays of the K meson 8-82204
- Intemann, G.W.** *see* Greenhut, G.K. 8-82205
- Interrante, L.V.** *see* Bonner, J.C. 8-68209
- Intrieri, A.J.** Optical fibers look around obstacles to measure temperature 8-49828
- Inui, T.,** Ogasawara, N. Grain-size effects on microwave ferrite magnetic properties 8-64222
- Inuishi, Y.** *see* Kaneto, K. 8-72140
- Inuishi, Y.** *see* Kumagai, N. 8-68031
- Inuishi, Y.** *see* Taguchi, T. 8-84707
- Inuishi, Y.** *see* Yasuda, N. 8-55941
- Inuishi, Y.** *see* Yoshino, K. 8-60533, 8-68104, 8-68467
- Inushima, T.,** Uchinokura, K., Matsuura, E. Birefringence and phase transitions in SbSI 8-60405
- Inushima, T.,** Uchinokura, K., Matsuura, E. Phase transitions in SbSI 8-56440
- Inutake, M.** *see* Tsuji, K. 8-51976
- Inutake, M.** *see* Watari, T. 8-83604
- Inuzuka, T.** *see* Shono, Y. 8-74861
- Inwood, B.C.,** Garwood, A.E. Electroplated coatings for wear resistance 8-72913
- Inyakina, A.V.** *see* Apel', V.D. 8-78223
- Inyakina, A.V.** *see* Donskov, S.V. 8-78549
- Inzani, P.,** Sironi, G., Cazzola, G., Cortiglioni, S., Mandolesi, N., Morigi, G., Palumbo, G.G.C. An automated station for the detection of bursts of cosmic origin at VHF and UHF 8-77489
- Inzhevatova, L.A.** *see* Volkov, N.V. 8-75443
- Ioakimidis, N.I.,** Theocaris, P.S. Array of periodic curvilinear cracks in an infinite isotropic medium 8-51118
- Ioakimidis, N.I.,** Theocaris, P.S. Doubly-periodic array of cracks in an infinite isotropic medium 8-87303
- Ioakimidis, N.I.,** Theocaris, P.S. A simple method for the photoelastic determination of mode I stress intensity factors 8-90781
- Ioakimidis, N.I.,** Theocaris, P.S. A note on stress intensity factors for single edge V-notched plates in tension 8-90782
- Ioakimidis, N.I.** *see* Theocaris, P.S. 8-54194, 8-55609, 8-55611
- Ioanid, G.** *see* Percec, V. 8-84221
- Ioannides, A.A.,** Johnson, R.C. Propagation of a deuteron in nuclear matter and the spin dependence of the deuteron optical potential 8-70545
- Ioannou, D.E.,** Davidson, S.M. SEM observation of dislocations in boron implanted silicon using Schottky barrier EBIC technique 8-79614
- Ioch, V.K.** *see* Petrov, B.A. 8-53087
- Ioffe, B.L.** Associated production of gluonic jets and heavy mesons in e^+e^- annihilation 8-93892
- Ioffe, B.L.,** Khoze, V.A. What can be expected from experiments on colliding e^+e^- -beams with $E=100$ GeV? 8-58194
- Ioffe, B.L.,** Smilga, A.V. On two-jet production of heavy quarks in e^+e^- annihilation 8-89696
- Ioffe, S.B.** *see* Vinogradova, T.A. 8-87156
- Ioffe, V.A.** *see* Davtyan, G.D. 8-72216
- Iofis, B.G.** *see* Kornitskii, A.G. 8-52544
- Iogansen, L.V.,** Malov, V.V. Theory of prismatic storage device with anisotropic optical waveguide 8-87144
- Iogensen, L.V.,** Kravtsov, N.A., Globenko, Yu.V., Azova, I.V. Deflection and focusing of radiation by stepwise inhomogeneities in optical waveguide systems 8-83093
- Iolin, B.S.** *see* Berdikov, V.V. 8-92578
- Ioi, T.,** Ikeda, K. On the dynamic vibration damped absorber of the vibration system 8-63355
- Ioilev, G.F.** *see* Argunov, V.A. 8-51377
- Iolin, E.M.,** Kozlov, V.V., Antokolskii, G.L., Baranov, V.S. Acoustic paramagnetic resonance line formation in a liquid induced by anisotropic spin-lattice interactions 8-52338
- Iolin, E.M.** *see* Zolotoyabkov, E.V. 8-92032
- Ion-Michai, R.** *see* Alikov, B.A. 8-82562

- Iona, M.** The Physics Advanced Placement Exams 8-77654
- Iona, M.** Why is g larger at the poles? 8-81727
- Ionescu, A.** *see* Becker, K.H. 8-73478
- Ionescu, D.Gh.** Some remarks concerning the equation of state [of a fluid] and Euler's turbine equation 8-79400
- Ionescu, M.** *see* Becker, K.H. 8-73478
- Ionescu-Pallas, N.** *see* Sofonea, L. 8-62071
- Ionikh, Yu.Z., Penkin, N.P., Samson, A.V.** Destruction of metastable levels of neon by electrons in a low-pressure discharge 8-83520
- Ionin, A.A.** *see* Basov, N.G. 8-58978
- Ionina, N.V., Avstriiskaya, E.E., Berezkina, A.P., Nel'son, K.V.** IR-spectroscopic study of the molecular structure of high-filled compositions of low-molecular diene rubbers 8-76627
- Ionov, P.V.** *see* Fridkin, V.M. 8-91719
- Ionov, V.A.** *see* Boltneva, L.I. 8-86698
- Ionov, V.I.** *see* Rafikov, S.R. 8-51449
- Ionova, E.S.** *see* Guseva, M.I. 8-95087
- Iooss, G., Joseph, D.D.** Bifurcation and stability of nT -periodic solutions branching from T -periodic solutions at points of resonance 8-69987
- Iordanov, I.D.** Multigroup one-dimensional diffusion program MED for neutron-physical analysis of fast breeders 8-78456
- Iordanskii, S.V.** Three-dimensional solitons in He II 8-63892
- Iordanskii, S.V., Pitaevskii, L.P.** Properties of multiple-phonon spectrum boundary 8-63893
- Iordanskii, S.V., Rashba, E.I.** Continual theory of tunnel self-trapping 8-60192
- Iordanskii, S.V.** *see* Avilov, V.V. 8-91301
- Iorio, G.** *see* Aciermo, D. 8-71305
- Iorysh, Z.I.** *see* Rumanova, I.M. 8-63737
- Iosif, S.** *see* Iosif, T. 8-65205
- Iosif, T., Iosif, S.** The Vrancea earthquake of March 4, 1977—a multiple seismic event 8-65205
- Iozanas, V.A.** *see* Volodin, E.Ya. 8-53779
- Ip, K.T.** *see* Wick, V.L. 8-72744
- Ip, W.-H.** Model consideration of the bombardment event of the asteroidal belt by the planetesimals scattered from the Jupiter zone 8-53859
- Ip, W.-H.** On the origin of Uranus' rings 8-53874
- Ip, W.-H., Fillius, W., Mogro-Campero, A., Gleeson, L.J., Axford, W.I.** Quiet time interplanetary cosmic ray anisotropies observed from Pioneer 10 and 11 8-77442
- Ip, W.-H., Mendis, D.A.** The flute instability as the trigger mechanism for disruption of cometary plasma tails 8-93156
- Ip, W.-H.** *see* McKenzie, J.F. 8-77453
- Ip Wing-Huen** *see* Wing-Huen Ip
- Ipatov, V.M.** *see* Lyakhovskaya, I.I. 8-88382
- Ipatov, V.V., Yarnykh, V.A.** Perturbation of atmospheric layer above sea swell waves 8-65362
- Ipavich, F.M., Lundgren, R.A., Lambird, B.A., Gloeckler, G.** Measurements of pulse-height defect in Au-Si detectors for H, He, C, N, O, Ne, Ar, Kr from ≈ 2 to ≈ 400 keV/nucleon 8-86733
- Ipavich, F.M.** *see* Hovestadt, D. 8-85790
- Ipelkofer, R., Blenke, H.** Contribution to heat transfer in fluidized beds 8-59387
- Ippen, E.P., Shank, C.V.** Sub-picosecond spectroscopy 8-58066
- Ippen, E.P.** *see* Ho, P.-T. 8-83002
- Ippen, E.P.** *see* Shank, C.V. 8-76495, 8-78741
- Ipsen, J.R.** The distribution of stars around a massive central black hole in a spherical stellar system. I. Results for test stars with a unique mass and radius 8-65660
- Iqbal, T.** *see* Hogarth, C.A. 8-84335
- Iqbal, Z., Christoe, C.W.** Light scattering study of the dynamics of the pressure-induced phase transition in TiN₂ 8-80362
- Iqbal, Z., Downs, D.S.** Phonon evolution during polymerization of SN units to (SN)_x 8-79711
- Iqbal, Z.** *see* Sharma, J. 8-72678
- Iqbaluddin** Occurrence of seismite in the Precambrian rocks of Rajasthan, India 8-77227
- Ir Pak Kvan** *see* Pak Kvan Ir
- Irczuk, M.** *see* Milewski, J. 8-63053
- Ireland, A.W.** Hindcasting for wave parameters 8-69493
- Ireland, P.J.** *see* Sun, L.Y. 8-76261
- Iremashvili, D.V., Karbushev, N.I., Chanturidze, V.G., Timoshenko, A.P., Udovichenko, Yu.K.** Cyclotron radiation from oppositely directed electron beams 8-78874
- Iremashvili, D.V., Karbushev, N.I., Timoshenko, A.P., Udovichenko, Yu.K.** Coupling of cyclotron waves in interpenetrating electron beams 8-66735
- Irene, E.A.** *see* Dong, D. 8-76607
- Irgolic, K.J.** *see* Bahl, M.K. 8-58638
- Iri, T., Kawano, K., Kambe, K.** Electron paramagnetic resonance studies of Mn²⁺ in calcium-doped NaCl 8-56371
- Irie, F.** *see* Iwashita, K. 8-91824
- Irie, F.** *see* Matsushita, T. 8-84364, 8-91829
- Irie, F.** *see* Sumiyoshi, F. 8-60256
- Irie, F.** *see* Yoshida, K. 8-84351
- Irie, H., Tange, T., Nishikawa, K.** Geometrical effects on turbulent diffusion of toroidal plasma 8-94900
- Irie, K.** Free energy function of ferroelectric and semiconducting SbSI 8-64330
- Irie, M., Dhar, P.K., Barrault, M.R.** High frequency measurements of gas blast arc diameter 8-87528
- Irie, T.** *see* Ueno, M. 8-64384
- Irigaray, J.L.** *see* Capelani, J.C. 8-61254
- Irlon, J.** *see* Baum, L. 8-89758
- Irlon, J.** *see* Block, M. 8-93914
- Irlon, M., Weiden, N., Weiss, A.** ²³Na and ³⁵Cl nuclear quadrupole interaction in Na₂ZnCl₄·3H₂O. A single-crystal NMR study 8-91983
- Irish, D.** You can't afford a system for colour measurement 8-93768
- Irish, D.** *see* Sharpe, M.R. 8-94445
- Irish, J.D., Levine, M.D.** Digitizing error from period and frequency counting techniques [oceanographic instrumentation] 8-61570
- Irisova, N.A.** *see* Bystrov, V.P. 8-76428
- Irkhin, Yu.P., Raevskaya, L.T., Abel'skii, Sh.Sh.** Anisotropy of the electrical resistivity of rare-earth metals 8-72134
- Irlor, W.** *see* Konig, E. 8-80259
- Irmay, S.** On the acceleration and pressures in steady plane isochoric flows 8-81845
- Irmer, J.** *see* Gundel, H. 8-71093
- Irnich, W.** Fine structure analysis of the electrocardiogram 8-73268
- Irnich, W., Gebhardt, U.** Technical considerations in the choice of heart pacemakers 8-88765
- Irnich, W.** *see* Schwindk, P. 8-81068
- Iro, H.** *see* Folk, R. 8-79722
- Irons, G.A., Guthrie, R.I.L.** Bubble formation at nozzles in pig iron 8-52723
- Irons, G.A., Guthrie, R.I.L., Chang, C.W., Szekely, J.** The measurement and prediction of the vaporization of magnesium from an inductively stirred melt 8-51659
- Irumata, A., Ikushima, K., Morikawa, H.** On the ocean wave observation by the measurement of Doppler shift of Loran-A sea backscatter wave 8-85737
- Irvine, J.M.** *see* Habeeb, M.A.Z. 8-62474
- Irvine, J.M.** *see* Howes, C. 8-58243
- Irvine, J.M.** *see* Modarres, M. 8-58231
- Irving, A.C., Sepangi, H.R.** The relation between D and A₁ axial-vector meson decays 8-78176
- Irving, A.C.** *see* Berger, E.L. 8-74272
- Irving, A.D.** *see* Palmer, D.C. 8-70450
- Irving, E.** *see* McGlynn, J.C. 8-77179
- Irving, H.M.N.H., Karmali, S.A.** The viscosities of isomorphous salts 8-95173
- Irwin, D.J.G.** *see* Pinnington, E.H. 8-55223, 8-55224
- Irwin, G.** *see* Bacino, W. 8-70351
- Irwin, G.R., Paris, P.C.** Elastic-plastic crack tip characterization in relation to R-curves 8-56767
- Irwin, R.H.** *see* Herley, P.J. 8-92472
- Irwin, R.J., Jr.** *see* Potsaid, M.S. 8-61251
- Irwin, R.M., Laane, J.** Ring-puckering combination band spectra of 1,3-disilacyclobutane in the SiH₂ stretching region 8-70836
- Irwin, W.P.** *see* Lanphere, M.A. 8-81114
- Irzhak, V.I.** *see* Ponomareva, T.I. 8-51653
- Irzhak, V.I.** *see* Rostiashvili, V.G. 8-87629, 8-87777
- Isa, H., Hayashi, M.** The delayed streamer and the leader formation in atmospheric air under impulse voltage 8-67570
- Isa, H., Hayashi, M.** Transient characteristics of arc channel in air under impulse voltage 8-87544
- Isa, H.** *see* Hayashi, M. 8-67569
- Isa, S.A., Joyner, R.W., Roberts, M.W.** Adsorption of carbon monoxide on copper (100) studied by photoelectron spectroscopy and low energy electron diffraction 8-56037
- Isaac, G.A., Schemenauer, R.S., Crozier, C.L., Chisholm, A.J., MacPherson, J.I., Bobbitt, N.R., MacHattie, L.B.** Preliminary tests of a cumulus cloud seeding technique 8-57352
- Isaacs, J.D.** *see* Vidal, V.M.V. 8-61431
- Isaacs, J.D.** *see* Wick, G.L. 8-77504
- Isaacs, N.W., Agarwal, R.C.** Experience with fast Fourier least squares in the refinement of the crystal structure of rhombohedral 2-zinc insulin at 1.5 Å resolution 8-92599
- Isaacs, T.J.** *see* Fritz, J.J. 8-91327
- Isaacs, T.J.** *see* Gottlieb, M. 8-83051
- Isaacson, G.C.** *see* Reader, P.D. 8-74102
- Isaacson, J.** *see* Lubensky, T.C. 8-91220
- Isaacson, M.S.** *see* Parker, N.W. 8-89604
- Isaak, G.R.** Does the Sun ring? 8-69777
- Isaak, G.R.** *see* Brookes, J.R. 8-93190, 8-96393, 8-96403
- Isabekian, N., Metellus, A.-M.** Strain energy of elastic solids with different moduli in tension and compression in small strain theory 8-87261
- Isabekian, N., Metellus, A.-M.** On the behaviour of an anisotropic elastic material with different moduli in traction and in compression, in the theory of small perturbations 8-90704
- Isacker, P.** *see* Van Isacker, P.
- Isacks, B.L.** *see* Cardwell, R.K. 8-81131
- Isaev, A.I.** *see* Volkov, V.Z. 8-59442
- Isaev, G.S.** *see* Ezhov, A.A. 8-80532
- Isaev, G.V.** An analog of Birkhoff's theorem for nonlinear electrodynamics 8-54273
- Isaev, I.Dzh.** *see* Gargatsev, I.O. 8-54394
- Isaev, I.L.** *see* Ermakov, A.G. 8-65425
- Isaev, M.Sh.** *see* Erofeev, L.N. 8-58000
- Isaev, S.V.** *see* Berkovsky, B.M. 8-94846
- Isaev, V.I.** *see* Kovalev, V.P. 8-56857
- Isaev, V.P.** *see* Galimzyanov, R.M. 8-78423
- Isaev, Yu.N.** *see* Vyskub, V.G. 8-87145
- Isaev-Ivanov, V.V.** *see* Devyaterikov, R.P. 8-58001
- Isaeva, E.V.** *see* Pokrovskii, B.I. 8-51393
- Isaeva, I.E.** *see* Stefanski, M.S. 8-71190
- Isagawa, S., Ishimoto, S., Masaike, A., Morimoto, K.** A horizontal dilution refrigerator for polarized target 8-86708
- Isagawa, S.** *see* Hiramatsu, S. 8-90046
- Isai, V.N., Romanova, A.V., Khar'kov, E.I., Lysov, V.I.** Calculation of compressibility by the structure factor of liquid metals 8-59847
- Isaichev, V.I.** *see* Larikov, L.N. 8-84007
- Isaka, H.** *see* Mascart, P. 8-92888
- Isakov, A.I.** *see* Ginodman, V.B. 8-86688
- Isakov, A.I.** *see* Veretennikov, V.A. 8-74527
- Isakov, I.V., Rider, E.E., Zvonkova, Z.V.** The crystal structure of p-thiocyanatoaniline 8-71717
- Isakov, M.G., Shcherbedinskii, G.V.** The kinetics of formation of a solid layer of a new phase on a surface in reaction diffusion 8-63938
- Isakov, Yu.A., Filipenko, A.A., Protasov, V.D.** Calculation of contact pressures in the cable pressing of a cylindrical plastic shell subjected to a nonstationary temperature field 8-63270
- Isaksen, I.S.A.** *see* Hov, O. 8-61514
- Isaksen, S., Ramanujam, P.S.** Lifetime measurements of the B^{II} state of K₂ molecules by zero-field level-crossing technique 8-90218
- Isard, J.O., James, P.F., Ramsden, A.H.** An investigation of the possibility that electric fields could affect the nucleation of glass ceramics 8-83742
- Isawa, Y.** *see* Kato, S. 8-52710
- Isayev, N.V., Klimov, N.N., Kuznetsova, G.M., Osipov, N.K.** Ion formation in the high-latitude ionosphere under magnetically quiet conditions 8-69582
- Isayev, N.V., Osipov, N.K.** Spatial distribution of electron density in the nighttime polar ionosphere 8-73570
- Isbacescu, M.** TEM₀₀Nd:glass laser 8-50798
- Iscan, M., Constable, F.H.** The reaction of mercuric chloride upon metallic copper 8-64887
- Ischenko, G., Klaumunzer, S., Neumuller, H., Adrian, H., Muller, P.** Superconductivity of Nb₃Sn, Nb, V, Pb and Sn after low temperature irradiation with 25 MeV oxygen ions 8-52131
- Isci, C.** *see* Greenough, R.D. 8-52333
- Iseki, M.** *see* Ohodaira, O. 8-95963
- Isenberg, J.** *see* Budic, R. 8-70023
- Isett, L.C.** Magnetic susceptibility, electrical resistivity, and thermoelectric power measurements of bis(tetrathiotetracene)-triiodide 8-87967
- Isezaki, N.** *see* Kodama, K. 8-57162
- Isfandiaryov, G.G.** *see* Gruzin, P.L. 8-84942
- Isgur, N., Karl, G.** Symmetry breaking in baryons 8-50013
- Isgur, N., Karl, G.** Positive parity excited baryons in a quark model with hyperfine interactions 8-82161
- Isgur, N.** *see* Koniuk, R. 8-74239
- Isgur, N.** *see* Lipkin, H.J. 8-93863
- Ishai, O.** *see* Kacir, L. 8-72761
- Isham, C.J.** Twisted quantum fields in a curved space-time 8-73913
- Isham, C.J.** *see* Avis, S.J. 8-93804
- Ishaq, M.H.** *see* Ali, E.S.M.I. 8-52841
- Ishbulatov, R.A.** *see* Litvin, Yu.A. 8-49857
- Ishchenko, A.Ya.** *see* Lozovskaya, A.V. 8-95789
- Ishchenko, I.I.** *see* Golub, V.P. 8-64801
- Ishchenko, S.S.** *see* Deigen, M.F. 8-88178
- Ishibachi, T.** *see* Yamamoto, H. 8-87236
- Ishibashi, H.** *see* Kobayashi, K. 8-78432
- Ishibashi, K.** *see* Yamauchi, A. 8-91463
- Ishibashi, Y., Sawada, A., Wada, M., Takagi, Y.** Raman scattering spectra of K₂SeO₄ 8-76442
- Ishibashi, Y., Shiba, H.** Successive phase transitions in ferroelectric NaNO₂ and SC(NH₂)₂ 8-80295
- Ishibashi, Y.** *see* Dvorak, V. 8-87760
- Ishibashi, Y.** *see* Sawada, A. 8-76420
- Ishibashi, Y.** *see* Shiba, H. 8-60404
- Ishida, A.** *see* Kato, K. 8-75108

- Ishida, F.** *see* Ikeda, T. 8-68388
Ishida, F. *see* Kasai, T. 8-92208
Ishida, F. *see* Suzuki, R. 8-68319
Ishida, H., Koenig, J.L. Fourier transform infrared spectroscopic study of the silane coupling agent/porous silica interface 8-60642
Ishida, H., Koenig, J.L. Fourier transform infrared spectroscopic study of the structure of silane coupling agent on E-glass fiber 8-60643
Ishida, H., Koenig, J.L. Surface analysis using FT-IR spectroscopy 8-76943
Ishida, H., Koenig, J.L. Vibrational assignments of organosilanetriols. I. Vinylsilanetriol and vinylsilanetriol- d_3 in aqueous solutions 8-86854
Ishida, H., Koenig, J.L. Vibrational assignments of organosilanetriols. II. Crystalline phenylsilanetriol and phenylsilanetriol- d_3 8-86855
Ishida, J., Ishida, S., Asano, S. Magnetic form factor of Fe_3Al 8-76222
Ishida, J. *see* Hirayama, M. 8-70258
Ishida, K., Maehara, H., Hamajima, K. A semi-automated blink comparator for large photographic plates 8-89081
Ishida, K., Maehara, H., Ohashi, M. A semi-automated iris photometer for large photographic plates 8-89070
Ishida, K. *see* Hamajima, K. 8-89064
Ishida, K. *see* Katsuyama, T. 8-60526
Ishida, K. *see* Maehara, H. 8-89069
Ishida, K. *see* Takagi, S. 8-91342
Ishida, M. *see* Matsunami, H. 8-72727
Ishida, S., Oda, M. Mass spectrum of exotic particles in a Bose quark model 8-62358
Ishida, S. *see* Ishida, J. 8-76222
Ishida, T. Ice study of the Gulf of Bothnia. V. Measurements of flexural waves 8-96225
Ishida, T. *see* Borodinsky, L. 8-59938
Ishida, T. *see* Kornblum, Z.C. 8-95147
Ishida, Y., Okamoto, S., Hachisu, S. The observation of grain boundary structure and studies of boundary diffusion in colloid crystals 8-51552
Ishida, Y. *see* Katsuyama, Y. 8-63175
Ishido, Y. *see* Nomura, K. 8-84751
Ishigai, S., Kaji, M., Watanabe, T., Yamaji, A. Pool boiling heat transfer from horizontal plates to liquid nitrogen under atmospheric pressure 8-67016
Ishigai, S., Nakanishi, S., Ochi, T. Boiling heat transfer for a plane water jet impinging on a hot surface 8-90993
Ishigame, M. *see* Kido, K. 8-66992
Ishigami, Y. *see* Yamashita, S. 8-66170
Ishigure, K. *see* Egusa, S. 8-74514, 8-86695
Ishigure, N., Mori, C., Watanabe, T. Mean free path for plasmon excitation in aluminum in the energy region from 1.5 to 10.9 keV 8-51915
Ishiguro, A. *see* Hattori, T. 8-92377
Ishiguro, E. *see* Morioka, Y. 8-70846
Ishiguro, M. Radioastronomy-radio image of the Universe 8-73637
Ishiguro, R. Heat transfer characteristics of liquid sodium flow field 8-54815
Ishiguro, R., Nagase, H., Nakanishi, S., Abe, T. Heat transfer and flow instability of natural convection over upward-facing horizontal surfaces 8-94698
Ishiguro, T. *see* Kagoshima, S. 8-75795
Ishiguro, T. *see* Tsutsumi, K. 8-59793
Ishihara, H. *see* Hattori, H. 8-61277
Ishihara, I. Electrical conductance of LiBr in acetone at high pressure and 25°C 8-53219
Ishihara, M., Hiraishi, S., Sugimoto, T. Fatigue crack growth rate in base plate and welded joints of high tensile strength steel 8-52956
Ishihara, M. *see* Tanaka, K. 8-50196
Ishihara, O. *see* Alexeff, I. 8-57723
Ishihara, S. *see* Shiozawa, K. 8-56819
Ishihara, T. *see* Kumatori, T. 8-53514
Ishii, E. *see* Adati, K. 8-55007
Ishii, H. Spin correlation in dilute magnetic alloys 8-84385
Ishii, H., Hanyu, T., Yamaguchi, S. The valence band spectra of AgRu, AgRh and AgPd alloys 8-52618
Ishii, H. *see* Yasuda, H. 8-69660
Ishii, J. *see* Sato, T. 8-74846
Ishii, K., Denne, B., Engstrom, L., Hult, S., Martinson, I., Alvarez, E., Hallin, R., Lindskog, J., Marelus, A., Pihl, J., Sjodin, R. Lifetime measurements for some $\Delta n=0$ transitions in Cl XIII-Cl XV 8-78798
Ishii, K., Sastri, C.S., Valladon, M., Borderie, B., Debrun, J.L. Two reactions method for accurate analysis by irradiation with charged particles 8-76964
Ishii, K., Tomita, M. Lifetime measurement of doubly excited states in helium atom by beam-foil technique 8-74590
Ishii, K., Valladon, M., Sastri, C.S., Dubrun, J.L. Accurate charged particle activation analysis: calculation of the average energy in the average stopping power method 8-76963
Ishii, K. *see* Hult, S. 8-55228
Ishii, K. *see* Katto, Y. 8-90991
Ishii, K. *see* Tachibana, H. 8-83172
Ishii, K. *see* Takai, Y. 8-76145
Ishii, K. *see* Yagi, M. 8-79443
Ishii, K. *see* Yamanishi, M. 8-82977, 8-83007
Ishii, M. *see* Chawla, T.C. 8-86570
Ishii, M. *see* Hirano, R. 8-82985
Ishii, M. *see* Ikeda, K. 8-66831
Ishii, M. *see* Kumabe, H. 8-74918
Ishii, M. *see* Oomura, E. 8-55356, 8-71111
Ishii, N. *see* Sugimoto, H. 8-92610
Ishii, R. Transonic nozzle flows of real gases with nonuniform gas properties 8-59506
Ishii, R. Wave fronts of nonlinear waves in a vibrationally relaxing gas 8-83431
Ishii, T. *see* Arai, I. 8-74347
Ishii, T. *see* Kawamoto, T. 8-56704
Ishii, T. *see* Okusawa, M. 8-56556
Ishii, T. *see* Tomii, K. 8-54846
Ishii, Y., Uchida, T., Wada, M. The electrooptic characteristics of cholesteric-nematic mixtures: Light scattering modes 8-79527
Ishikane, M. *see* Kagawa, K. 8-84633
Ishikawa, A. *see* Hanai, T. 8-56423
Ishikawa, H. Towards the electromagnetic generalization of Robinson's identity 8-81649
Ishikawa, H. *see* Kitagawa, H. 8-67115
Ishikawa, H. *see* Nagura, M. 8-59765
Ishikawa, I., Iino, T., Suganoma, S. Low energy components of ions extracted from an RF ion source 8-55064
Ishikawa, I. *see* Suganoma, S. 8-83633
Ishikawa, J., Sano, F., Tsuji, H., Takagi, T. Ion extraction system of the Kyoto beam-plasma type ion source 8-66007
Ishikawa, K., Itoh, K., Takeshima, M., Teramoto, I. Optically enhanced Franz-Keldysh effect 8-60423
Ishikawa, K., Itoh, K., Teramoto, I. Monolithic integration of an embedded stripe laser and a strip-waveguide modulator 8-66957
Ishikawa, K., Tomida, Y. Comparison of Auger signals measured using differential and integral Auger spectra from C and O adsorbed on W 8-76561
Ishikawa, K., Tsuya, K. Fracture and toughness of BCC iron alloys at cryogenic temperature 8-72878
Ishikawa, K. *see* Goto, K. 8-76573
Ishikawa, K. *see* Itoh, K. 8-59025
Ishikawa, K. *see* Okuyama, F. 8-52644
Ishikawa, K. *see* Sumita, M. 8-95780
Ishikawa, K. *see* Uchida, T. 8-91251
Ishikawa, M., Ogahara, I. Effect of graphite on extraction of nitrogen from powdered tantalum by a vacuum hot extraction method 8-84729
Ishikawa, M., Umoto, J. Optimization of diagonal type nonequilibrium plasma MHD generator 8-67443
Ishikawa, M., Umoto, J. Effects of internal and external connection of electrodes in diagonal type nonequilibrium plasma MHD generator 8-91165
Ishikawa, M. *see* Moncton, D.E. 8-95401
Ishikawa, M. *see* Murakami, T. 8-95873
Ishikawa, M. *see* Narisawa, I. 8-56708
Ishikawa, N. Studies of radiative cooling of land basins in snowy season 8-88872
Ishikawa, R. *see* Minemura, K. 8-55450
Ishikawa, R.M. *see* Hubbard, A.T. 8-61015
Ishikawa, S., Furuya, K., Suematsu, Y. Vector wave analysis of broadband multimode optical fibers with optimum refractive index distribution 8-63183
Ishikawa, S. *see* Furuya, K. 8-66932
Ishikawa, T., Inouye, H. A note on the kinetic energy dependence of charge transfer cross sections of He^+ with Ar in the low energy region 8-86947
Ishikawa, T., Inouye, H. A note on the kinetic energy dependence of charge transfer cross sections of He^+ with Ar in the low energy region 8-90100
Ishikawa, T., Koyama, K., Kobayashi, S. Thermal expansion coefficients of unidirectional composites 8-67836
Ishikawa, Y. Studies of magnetism by neutron scattering 8-52227
Ishikawa, Y. Neutron scattering studies of itinerant electron magnetism 8-68194
Ishikawa, Y., Zen, M., Nishida, O. On hydrogen induced fracture of porcelain enamel layers 8-76752
Ishikawa, Y. *see* Endoh, Y. 8-91403
Ishikawa, Y. *see* Kohgi, M. 8-91856
Ishikawa, Y. *see* Sasi, Y. 8-96128
Ishikawa, Y. *see* Yasuoka, H. 8-80270
Ishikawa, Y., Hanabusa, T., Kawamura, T., Ichinokawa, T. Anomalous contrast of Kikuchi bands in RHEED from evaporated thin layers on Ge 8-87597
Ishimaru, A. *see* Shimizu, K. 8-80946
Ishimaru, H. BNC-JJ coaxial floating shield bakable and coolable vacuum feedthrough useful from dc to 4 GHz 8-54381
Ishimoto, S. *see* Hiramatsu, S. 8-90046
Ishimoto, S. *see* Isagawa, S. 8-86708
Ishinabe, T. Phase transition in crystals of semiflexible long-chain molecules. II 8-91439
Ishino, S. *see* Hayashi, K. 8-55897
Ishio, H. *see* Miki, T. 8-66943
Ishioka, S., Koiwa, M. Random walks on diamond and hexagonal close packed lattices 8-71876
Ishise, T. *see* Hirai, T. 8-96289
Ishitani, T., Sakudo, N., Tamura, H., Kano-mata, I. Sputtered neutral mass spectrometry using post-ionization in a microwave plasma 8-92579
Ishiwari, R., Shiomi, N., Sakamoto, N. Re-evaluation of stopping powers of Be, Al, Ti, V, Fe, Co, Ni, Cu, Mo, Rh, Ag, Ta, and Au for 28 MeV alpha particles 8-79651
Ishiwari, R. *see* Sakamoto, N. 8-79641
Ishizaka, K., Flanagan, J.L. A self-oscillating model of glottal sound source 8-92654
Ishizaka, K. *see* Flanagan, J.L. 8-69111
Ishizaki, S. *see* Nakajima, T. 8-92658
Ishizawa, Y. *see* Kitaoka, Y. 8-56397
Ishizawa, Y. *see* Nozaki, H. 8-88098
Ishizawa, Y. *see* Tanaka, T. 8-84134
Ishizawa, Y. *see* Tanuma, S. 8-72173
Ishizu, Y., Okada, T. Determination of particle size distribution of small aerosol particles of unknown refractive index by a light-scattering method 8-95957
Ishizuka, S. *see* Onishi, K. 8-84920
Ishizuka, T. *see* Uwamino, Y. 8-88663
Ishizuki, H. Growth mechanism of multi-steps on the surface of vapour grown $FeCr_2S_4$ 8-75605
Ishkhanov, A.M. *see* Rastorguev, Yu.L. 8-67305
Ishkhanov, B.S., Kuznetsov, Yu.V., Lazutin, E.V., Piskarev, I.M., Khrushchev, V.A., Levchenko, T.N., Popov, V.P., Yakushina, Yu.G. Method of suppressing single-particle background in recording electron-photon showers 8-78573
Ishkhanov, B.S. *see* Varlamov, V.V. 8-89840
Ishmukhametov, B.Kh., Katsnel'son, M.I. Singularities of Landau attention and radiation width of collective levels of a nonuniform electron plasma 8-56088
Ishihara, A. *see* Toyoda, T. 8-63996
Iskander, M.F., Stuchly, S.S. Fringing field effect in the lumped-capacitance method for permittivity measurement 8-54392
Iskanderov, A. *see* Mirzabaev, M. 8-89536
Iskender-zade, Z.A., Miller, Yu.G., Rzaev, S.G., Dzharafarova, E.A., Akhundov, M.R. On structural defects in silicon epitaxial films and their influence on the electrical properties of planar diffused p-n junctions 8-60195
Iskender-zade, Z.A., Sultanova, A.S. On the solution of a system of differential equations with the right hand part in the form of second order homogeneous multinomial 8-54157
Iskender-Zade, Z.A. *see* Abdullaev, G.B. 8-95385
Iskenderov, I.D. On one approach to the numerical solution of some boundary value problems of thermophysics 8-55545
Iskhakov, R.S. *see* Ignatchenko, V.A. 8-56308
Iskhakov, R.S. *see* Ignatchenko, V.A. 8-88196
Iskol'dskii, A.M., Nesterikhin, Yu.E., Patashinskii, A.Z., Pinus, V.K. On the stability of a gradient explosion 8-83917
Iskol'dskii, A.M., Nesterikhin, Yu.E., Patashinskii, A.Z., Pinus, V.K., Epel'baum, Ya.G. Gradient explosion of a boiling drop under conditions of bulk heat release 8-83226
Islam, J.N. On the static field in general relativity. II 8-65836
Islam, J.N. On rotating charged dust in general relativity 8-73908
Islam, M.M., Heines, G.W. Is a nucleon core being seen in high-energy elastic pp scattering at large momentum transfer? 8-74281
Islam, M.M. *see* Ball, M.A. 8-64026
Islam, M.S., Scurlock, R.G. Analysis of solid vapour heat transfer in helium vapour columns at low temperatures 8-83376
Islam, N., Ismail, K. Transport behaviour of glass-forming $Ca(NO_3)_2 \cdot 3.91H_2O-NiCl_2$ melts 8-59963
Islam, N., Kumar, S., Singh, K.P. Fluidities and conductances of glass-forming melts of cadmium nitrate tetrahydrate and transition metal chlorides 8-75855
Isler, W.E., Chung, D.Y. Anomalous attenuation of ultrasound in ferrofluids under the influence of a magnetic field 8-68345
Isler, W.E. *see* Chung, D.Y. 8-68344
Ismaelli, A. *see* Bruscaioni, P. 8-77326
Ismagilov, R.Kh. *see* Gonopol'skii, A.M. 8-83622
Ismail, K. *see* Islam, N. 8-59963
Ismail, L.Z. *see* Lebedev, V.M. 8-54776
Ismail, M. The effect of a fourth-power momentum term on the optical-model real potential 8-58274
Ismail, M. The form factors for the two-nucleon stripping process with Skyrme-type potentials 8-58287

- Ismailov, E.Sh.** Effect of ultrahigh frequency electromagnetic radiation on the electrophoretic mobility of erythrocytes 8-53442
- Ismailov, Sh.M.** see Amirkhanov, Kh.I. 8-67874
- Ismailov, T.G.** see Gashimzade, F.M. 8-60485
- Ismailzade, I.H.** see Sultanov, G.J. 8-64329
- Ismajl, M.S.B.** see Ryley, D.J. 8-67891
- Ismanzhanov, A.I.** see Zakhidov, R.A. 8-79092
- Iso, Y., Koga, M.** Digital filters for random pulse train inputs 8-53547
- Iso, Y.** see Shibata, A. 8-88704
- Isobe, M.** see Moriyoshi, Y. 8-64513
- Isobe, M.** see Yonetani, S. 8-85035
- Isobe, M.** see Zaima, S. 8-85036
- Isobe, S.** see Yasuda, H. 8-69660
- Isoda, S.** see Krivanek, O.L. 8-49941
- Isomae, S.** see Kishino, S. 8-72901
- Isono, M.** see Yatsuzuka, M. 8-91124
- Issosimov, I.N.** see Klapdor, H.V. 8-89826
- Isotani, M.** see Yasue, K. 8-51096, 8-89414
- Isotani, S.** see Sartorelli, J.C. 8-84477
- Isozumi, K.** see Imai, H. 8-87050
- Ispasoiu, Gh.** The international system of units (SI)—a modern form of the metric system 8-49791
- Israel, F.P.** see Felli, M. 8-61755
- Israel, R.** see Frohlich, J. 8-89398
- Israel, W.** The dynamics of polarization 8-62134
- Israelsson, S.** On the conception 'Fair weather condition' in atmospheric electricity 8-61517
- Issa, I.M., Mansour, M.A.M., Hawaidy, I.F.** Colorimetric determination of manganese as Mn(VI) and application of the method for determination of manganese in Egyptian manganese ores 8-53285
- Issa, S.S.** see Laermann, K.-H. 8-76825
- Issaq, H.J.** The determination of lead in aqueous solutions by the Delves Cup technique and flameless atomic absorption spectrometry 8-68973
- Isserow, S.** Powder processing of TRIP steel 8-64499
- Isserstedt, J.** Circumstellar shells and mass loss. An investigation of the colours of luminous O-B3 stars in open clusters 8-53925
- Isserstedt, J.** Photoelectric photometry in the Small Magellanic Cloud 8-77594
- Isshiki, M., Igaki, K.** Temperature dependence of the electrical resistivity of pure iron at low temperatures 8-84194
- Issi, J.-P.** see Hansen, O.P. 8-56167
- Issler, H.** see Stoll, P. 8-74455
- Istomin, V.** see Chereji, I. 8-93115
- Istomin, V.A.** see Zhilinskii, B.I. 8-74629
- Isu, T., Motizuki, K.** Theory of nuclear magnetic relaxation in KCoF₃ having residual orbital moment 8-88207
- Itabashi, K.** A pathology of the Landau gauge in euclidean Yang-Mills theories 8-89623
- Itadani, K.** see Igata, N. 8-87663
- Itagaki, S.** see Chiba, R. 8-78320
- Itagaki, S.** see Hino, Y. 8-89863
- Itagaki, T., Watanabe, T., Yoda, R.** The effect of atmosphere on anomalous behavior of high temperature creep of Ni-20Cr-3W alloy 8-80617
- Itagi, S.** see Itagi, V.V. 8-55203
- Itagi, V.V., Itagi, S., Godge, R.S.** A general method of obtaining vibrational wavefunctions and Frank-Condon factors at low quantum numbers 8-55203
- Itahashi, T.** see Ejiri, H. 8-50185, 8-89872, 8-93927
- Itahashi, T.** see Nakayama, S. 8-89823
- Itano, A.** see Arai, I. 8-74347
- Itano, W.M.** Application of the Racah algebra of finite groups to the hyperfine structure of methane 8-78617
- Itaya, Y.** see Akiba, S. 8-66828
- Itaya, Y.** see Kawanishi, H. 8-82986
- Itikawa, Y.** Electron scattering by polar molecules 8-94322
- Itikawa, Y.** see Inokuti, M. 8-58783
- Itinskaya, G.N.** see Zaikina, I.M. 8-84759
- Itkina, M.A.** Coefficient of electron loss in the D-region of the ionosphere (review) 8-85756
- Itkina, M.A.** see Belikovich, V.V. 8-69568, 8-73424
- Ito, A.** see Matsuzuru, H. 8-82466
- Ito, A.S.** see Siohan, F. 8-73593, 8-90019
- Ito, A.S.** see Vidal, R. 8-89877
- Ito, A.S.** see Yoh, J.K. 8-82344
- Ito, E., Matsui, Y.** Synthesis and crystal-chemical characterization of MgSiO₃ perovskite 8-65266
- Ito, G.** see Goto, K. 8-80684
- Ito, H.** Probabilistic construction of Lagrangian of diffusion process and its application 8-62170
- Ito, H., Inaba, H.** Efficient phase-matched second-harmonic generation method in four-layered optical-waveguide structure 8-74950
- Ito, H., Togawa, T., Sasaki, K., Tanaka, F.** Increasing cluster size and the third correlation moment f_3 8-66166
- Ito, H., Tokieda, K., Suwa, K., Kume, S.** Remanent magnetization of Precambrian and Cretaceous kimberlites in South Africa 8-96134
- Ito, H.** see Kumagai, N. 8-56705
- Ito, H.** see Miyadai, T. 8-76260
- Ito, H.** see Onaka, R. 8-76431
- Ito, I.** see Yanagidani, T. 8-56748
- Ito, J.** see Weidner, D.J. 8-85546
- Ito, K., Sasaki, M., Fukazawa, S.** Stabilization of a round jet flame with a recirculation zone in parallel air flow. I. General properties of the flame and the mixing process in the recirculation zone 8-91025
- Ito, K.** see Doke, T. 8-61688
- Ito, K.** see Hayakawa, S. 8-61925
- Ito, K.** see Maeda, S. 8-61117
- Ito, K.** see Mitsui, T. 8-76398
- Ito, K.** see Saeki, T. 8-55428
- Ito, K.** see Shimbo, M. 8-64714
- Ito, K.** see Tajime, T. 8-57316
- Ito, K.-I., Ito, M., Yuta, S.-I., Yokoi, H., Soshikawa, Y., Hirafuku, S., Kamishima, H., Ueda, K.** A real-time ultrasonic diagnostic system for dynamic and still images: wireless echovision 8-65101
- Ito, M., Abe, H., Murakami, J.** Low lying $^1A_{2u}(\sigma, \pi^*)$ and $^1E_{2u}(\pi, \pi^*)$ states of benzene as suggested by Raman intensities 8-78709
- Ito, M., Kagawa, S., Kaneda, T., Yamaoka, T.** Ionization rates for electrons and holes in GaAs 8-87995
- Ito, M.** see Abe, H. 8-56485
- Ito, M.** see Ito, K.-I. 8-65101
- Ito, M.** see Mochizuki, Y. 8-82771
- Ito, N., Tanaka, K.** Absolute wavelength measurements of the Iodine 127 stabilized He-Ne laser of NRLM 8-73971
- Ito, R.** see Chinone, N. 8-82968
- Ito, R.** see Mizushima, T. 8-87783
- Ito, R.** see Nagano, K. 8-87054
- Ito, S., Banno, S., Suzuki, K., Inagaki, M.** Solid solubility in the SrAl₂O₄-BaAl₂O₄ system 8-63860
- Ito, S., Kodaira, K., Matsushita, T.** Vapor growth of hexagonal GeO₂ needle crystals 8-52651
- Ito, S., Kokubo, T., Tashiro, M.** Transparency of LiTaO₃-SiO₂-Al₂O₃ glass-ceramics in relation to their microstructure 8-53005
- Ito, S.** see Adati, K. 8-55007
- Ito, T., Hijiya, S., Nozaki, T., Arakawa, H., Shinoda, M., Fukukawa, Y.** Very thin silicon nitride films grown by direct thermal reaction with nitrogen 8-52665
- Ito, T., Nakagawa, K., Aida, K., Takemoto, K., Suto, K.** Non-repeated 50 km transmission experiment using low-loss optical fibres 8-79108
- Ito, T., Nakajima, K.** Non-stoichiometry of MoS₂ phase prepared by sputtering 8-87891
- Ito, T., Yamashita, H., Nishikawa, K.** A problem of stability on natural convection system 8-90873
- Ito, T.** see Ozeki, T. 8-71214
- Ito, U., Takarada, T., Kubo, S., Hanzawa, T., Kato, K.** Studies for the manufacture of graphite crucibles. III. Relationship between oxidation loss of graphite crucibles consisting of graphite-silicon carbide-ferrosilicon-borosilicate glass-fluoride and the wettability of the inorganic fluxing materials 8-84755
- Ito, Y.** A semi-group of operators as a model of the lateral inhibition process in the sensory system 8-65010
- Ito, Y., Kuno, H.** An application of scattered-light photoelasticity in the determination of the side pressure distribution of the pressed powder bed 8-84734
- Ito, Y., Shishido, S.** Non-Newtonian flow curves including lower and upper Newtonian regions for dilute and moderately concentrated polystyrene solutions 8-83438
- Ito, Y.** see Akimitsu, J. 8-76224
- Ito, Y.** see Iguchi, H. 8-51320
- Ito** Katsuhiko see Katsuhiko Ito
- Ito, Y.** see Ohji, K. 8-52954
- Itoh, A., Asari, M., Fukuzawa, F.** Spatial distribution of excited molecules induced by proton beam in nitrogen gas 8-58793
- Itoh, A.** see Inoue, F. 8-76278
- Itoh, H.** Theoretical spectra of the thermal X-rays from young supernova remnants 8-73751
- Itoh, H.** see Kikuchi, K. 8-80131
- Itoh, J.** see Shimizu, K. 8-52363
- Itoh, K., Ishikawa, K., Teramoto, I.** An embedded stripe DH laser monolithically integrated with a strip waveguide 8-59025
- Itoh, K., Kondoh, Y., Nagao, S.** Toroidal plasma produced by the stabilized double-theta pinch 8-63576
- Itoh, K.** see Inoue, S. 8-59569, 8-59580, 8-94898, 8-94901
- Itoh, K.** see Ishikawa, K. 8-60423, 8-66957
- Itoh, K.** see Mori, E. 8-59242
- Itoh, K.** see Szalata, Z.M. 8-50144
- Itoh, K.** see Tange, T. 8-94899
- Itoh, K.** see Tatekura, K. 8-66902, 8-71207
- Itoh, M., Kan'no, K., Nakai, Y.** Coloration under two-photon excitation of KCl crystals containing halogen impurities 8-84618
- Itoh, M., Tanimoto, Y., Iitaka, Y.** Excited-state proton transfer in the crystals of 3,5-di-tert-butyl-4-hydroxybenzylidenemalononitrile 8-84630
- Itoh, M., Watabe, M.** A tight binding theory of transport properties of liquid metals: Ishida-Yonezawa approximation for a single-band model 8-84190
- Itoh, M.** see Tanimoto, Y. 8-78737
- Itoh, M.** see Taya, S. 8-64908
- Itoh, N., Fujinaga, T., Nakai, T.** Birefringence in CdSiP₂ 8-56455
- Itoh, N., Goto, T.** Kinetics of defect formation in alkali halides 8-67713
- Itoh, N., Ichimaru, S., Nagano, S.** Lattice model of the two dimensional electron liquid 8-67964
- Itoh, N., Kohyama, Y.** Statistical theory of nuclear neutrino capture. II. Inclusion of first-forbidden transitions 8-93990
- Itoh, N., Nakau, T., Morikawa, Y., Nagami, K.** Annealing behaviour of stress in Sb-implanted Si 8-63778
- Itoh, N.** see Asami, H. 8-80407
- Itoh, N.** see Chong, T. 8-50591
- Itoh, N.** see Mitsuhashi, Y. 8-88365
- Itoh, N.** see Nakagawa, K. 8-60487
- Itoh, N.** see Shirakawa, A. 8-52535
- Itoh, S., Toi, K., Matsuura, K.** Analysis of feedback control for Tokamak plasma equilibrium 8-55738
- Itoh, S.** see Kishimoto, H. 8-62662
- Itoh, S.** see Sometani, T. 8-63575
- Itoh, S.** see Toi, K. 8-71527
- Itoh, T.** see Izutsu, M. 8-59134
- Itoh, T.** see Nozue, Y. 8-52486
- Itoh, T.** see Okutsu, E. 8-83554
- Itoh, T.** see Shibata, T. 8-54969
- Itoh, T.** see Takeuchi, M. 8-80288
- Itoh, U.** see Takakusa, M. 8-82962
- Itoh, Y.** see Kobayashi, N. 8-82824
- Itoh, Y.** see Takatsu, H. 8-66371
- Itoshima, T., Yoshino, K., Yamamoto, K., Munetomo, F., Murakami, T.** Cleaning of scanning electron microscope specimens by puncture perfusion 8-57149
- Itoyama, K.** Properties of Sn-doped indium oxide prepared by high rate and low temperature RF sputtering 8-76177
- Itskevich, E.S., Kraidenov, V.F., Syzranov, V.S.** Measurement of low-temperature specific heat of metals under pressure 8-77915
- Itskevich, E.S., Kraidenov, V.F., Syzranov, V.S.** Measurement of low temperature heat capacity of metals under pressure 8-81979
- Itskevich, E.S.** see Glushkov, M.V. 8-91707
- Itskevich, E.S.** see Il'ina, M.A. 8-88063
- Itskevich, E.S.** see Vinokurova, L.I. 8-95252
- Itskovich, O.Yu., Kondratenko, P.S.** Kinetic coefficients of a hydrogen plasma 8-71429
- Itti, R.** see Planiol, T. 8-61243
- Ittyachen, M.A.** see Joshi, M.S. 8-75674
- Ittyachen, M.A.** see Pillai, K.M. 8-75971
- Itzhak Lerner, E.** see Cahen, D. 8-86349
- Itzkan, I., Nunes, J.E., Hoge, F.** Airborne oceanographic lidar system 8-57370
- Itzykson, C.** see Balian, R. 8-54593
- Iulian, O.** see Landauer, O. 8-85028
- Iusan, V.** see Pop, I. 8-84386
- Ivakhnenko, S.A.** see Degtyareva, V.F. 8-88064
- Ivakin, B.A., Loiko, A.E., Suetin, P.E.** Force constants of gas mixtures for various intermolecular potentials 8-66624
- Ivakin, E.V., Lazaruk, A.M., Petrovich, I.P., Rubanov, A.S.** Thermal interference-optical excitation of ultrasonic waves in condensed media 8-71794
- Ivakin, E.V., Lazaruk, A.M., Petrovich, I.P., Rubanov, A.S.** Amplifying dynamic holograms 8-82934
- Ivakin, V.P.** see Gorbunov, V.I. 8-92424
- Ivan, J.** see Havalda, A. 8-84923
- Ivan, J.** see Taborsky, L. 8-64629
- Ivanchenko, A.I.** see Vorontsov, S.S. 8-71619
- Ivanchenko, G.I.** see Bodak, O.I. 8-84773
- Ivanchenko, I.A.** see Vorontsov, S.S. 8-78992
- Ivanchenko, I.A.** see Bessaraba, V.I. 8-60043
- Ivanchenko, V.A., Klimov, B.N., Pis'menniy, B.S., Naumenko, G.Yu.** Radiation interaction in the 2 millimeter region with charge carriers in p-Ge and n-InSb 8-87991
- Ivanchenko, Yu.M., Kochergin, E.V.** Oscillatory effects connected with electromagnetic radiation in inelastic electron tunnelling 8-91777
- Ivanchikov, V.I.** Approximate solution to the problem of a magnetic field intensity above a strip in a transverse uniform alternating magnetic field 8-94362
- Ivanchin, A.G.** Relationship between softening of a material at superconducting transition and a thermal conductivity discontinuity 8-60246
- Ivanchuk, A.A.** see Karpinos, D.M. 8-68652
- Ivanchuk, R.D., Nikonyuk, E.S., Savitskii, A.V., Skitsko, I.F.** Magnetic properties of CdTe:Ge crystals 8-56289

- Ivanchuk, V.I. see Koutchmy, S. 8-89140
 Ivancic, W. see Smith, G.R. 8-81976
 Ivandaev, A.I. Propagation of small perturbations in two-phase vapor-droplet mixtures 8-95111
 Ivandayev, S.I. see Nigmatulin, B.I. 8-75189
 Ivanenko, D.D., Aman, E.G. Comments on hierarchical and relativized models of the Universe 8-86043
 Ivanenko, D.D., Burinskii, A.Ya. Spin-strings in gravitation 8-81906
 Ivanenko, T.G. see Ershov, R.E. 8-56353
 Ivani, V.S. see Bryukhanov, A.A. 8-52846
 Ivanilov, A.A. see Baranov, D.S. 8-62390
 Ivanishina, Z.V. see Storozhenko, V.A. 8-72996
 Ivanitskii, G.R. see Vangermann, G. 8-68988
 Ivanitskii, P.G. see Bulavin, L.A. 8-79758
 Ivannikov, V.P. see Spivak, G.V. 8-74110
 Ivanov, A.A., Leiman, V.G. A possible mechanism of separating elements and isotopes in a plasma 8-70969
 Ivanov, A.A. see Babaritskii, A.I. 8-79445, 8-87458
 Ivanov, A.A. see Berdonosov, V.A. 8-56872
 Ivanov, A.A. see Dimov, G.I. 8-67371
 Ivanov, A.B. see Zanevsky, Yu.V. 8-77174
 Ivanov, A.G. see Kleshchevnikov, O.A. 8-64648
 Ivanov, A.I., Ponomarev, O.A. Investigation of the Frohlich model by the method of functional derivatives 8-51909
 Ivanov, A.I. see Adamov, M.N. 8-86774
 Ivanov, A.I. see Bikbaev, N.Kh. 8-72599
 Ivanov, A.N., Ageev, M.N., Umanskii, Ya.S. Strain ageing of solid solutions of niobium with nitrogen and oxygen 8-76667
 Ivanov, A.N. see Batygin, V.P. 8-78608
 Ivanov, A.P., Chaikovskii, A.P., Kumeisha, A.A., Shcherbakov, V.N. A study of spatial structure of a light-scattering medium by the interferometry method 8-70181
 Ivanov, A.S., Putvinskii, A.V., Antonov, V.F., Vladimirov, Yu.A. Increase in the proton permeability of liposomes on peroxide photo-oxidation of the lipids 8-69024
 Ivanov, A.S. see Tominskii, V.S. 8-56665
 Ivanov, A.V. see Shteins, K.A. 8-73636
 Ivanov, B.A. On limiting velocity of domain wall motion in ferromagnets 8-56342
 Ivanov, B.A., Krasnov, V.P., Sukstanskii, A.L. Domain structure of ferromagnetic plate during spin reorientation and phase diagram with account of nonuniform states 8-52320
 Ivanov, B.A. see Gosteva, T.S. 8-59615
 Ivanov, B.G. see Abramov, V.N. 8-84605
 Ivanov, B.N., Bukreev, Yu.F., Alabichev, A.I., Zolotavin, V.L. The application of the thermobarometer in atom absorption spectroscopy with non-flame atomisation of the sample 8-76977
 Ivanov, E.S. see Ivanov, S.S. 8-56809
 Ivanov, E.V., Korovin, V.Ya., Sedunov, Yu.S. Motion of optically dense liquid drops in a laser radiation field 8-50842
 Ivanov, G.A. see Alekseev, E.I. 8-49892
 Ivanov, G.A. see Godik, E.E. 8-50935
 Ivanov, G.A. see Grigor'yants, V.V. 8-59137
 Ivanov, G.A. see Gulyaev, Yu.V. 8-71225
 Ivanov, G.K., Kozhushner, M.A. Theory of interimpurity tunneling of electrons in solids 8-88019
 Ivanov, G.M. see Batgin, Yu.V. 8-70654
 Ivanov, G.V. Solution in the form of series of Legendre polynomials of an axisymmetric mixed problem for a hollow elastic cylinder 8-81840
 Ivanov, G.V. see Gomilka, L.A. 8-71558
 Ivanov, I.D. Excitation of a sound pressure field in an ideal waveguide by a spherical pulse 8-50971
 Ivanov, I.G., Nagi, M.R., Ryabinina, E.Z., Semenenko, V.E. Kinetic singularities of plastic deformation of iron during the $\gamma \rightarrow \alpha$ phase transformation 8-92262
 Ivanov, I.G., Nagi, M.R., Ryabinina, E.Z., Sirenko, A.F. Recrystallization kinetics of films and X-ray scattering by 'film-single crystal' compositions 8-60045
 Ivanov, I.V. see Aslanova, M.S. 8-88455
 Ivanov, I.V. see Gus'kov, V.P. 8-52451
 Ivanov, K.G., Mikerina, N.V. Structure of a typical interplanetary plasma flux from a strong flare and its corresponding number of types of geomagnetic (magnetospheric) disturbances, I 8-73600
 Ivanov, K.G., Yevdokimova, L.V., Kharshiladze, A.F. Collisionless hydrodynamics of lower approximations with respect to Larmor frequency and flow of the interplanetary plasma around cosmic obstacles 8-69637
 Ivanov, L.I., Komissarov, A.P., Machlin, N.A., Melnikov, V.N., Chebaevsky, V.F. Stressed-state blistering of stainless steel 8-95085
 Ivanov, L.I., Lazorenko, V.M., Martishin, O.V. Influence of electron irradiation on creep and dislocation distribution in aluminium 8-95775
 Ivanov, L.N. Nova Cygni 1975: a mechanism of quiescences after the outburst 8-93280
 Ivanov, L.N., Lozovik, Yu.E., Musin, D.R. On the ground state of the two- and three-dimensional excitonic molecules 8-72076
 Ivanov, L.N. see Driker, M.N. 8-58579
 Ivanov, L.P., Logginov, A.S., Randoshkin, V.V., Telesnin, R.V. An investigation of the nucleation of a lattice of cylindrical magnetic domains (magnetic bubbles) in orthoferrite garnets 8-76283
 Ivanov, L.V. see Shimanovskii, N.L. 8-76980
 Ivanov, M.A., Shul'man, G.A. Thermodynamic functions of equilibrium radiation and electron-positron pairs in quantizing magnetic fields 8-49990
 Ivanov, M.A. see Greenberg, B.A. 8-75714
 Ivanov, N.A. see Kirov, K.I. 8-95693
 Ivanov, N.A. see Shapiro, V.A. 8-61319
 Ivanov, N.E., Ivanova, I.A., Prilezhaeva, T.A. The use of an immersion thermometer bolometer in a radiometer 8-70188
 Ivanov, N.I., Yurchenko, I.I. The effect of the capacitance of the Josephson contact on its detecting properties 8-49902
 Ivanov, N.M., Komov, B.B., Martynov, A.I. Synthesis of the optimum descent trajectories of a spacecraft in the atmosphere of Mars using a parachute-rocket system for a soft landing 8-69640
 Ivanov, N.P. see Nesterovich, L.N. 8-92254
 Ivanov, N.R., Shuvalov, L.A. Crystal-optics study of the second order ferroelastic phase transitions in the $\text{KH}_2(\text{SeO}_3)_2$ and $\text{KD}_2(\text{SeO}_3)_2$ crystals 8-95558
 Ivanov, N.R. see Arndt, H. 8-52473
 Ivanov, N.V. see Andrianov, K.A. 8-76891
 Ivanov, N.V. see Artemenko, L.I. 8-87485, 8-91160
 Ivanov, O.A. see Bagdisaryan, Yu.V. 8-53732
 Ivanov, O.A. see Kumeishin, V.F. 8-76361
 Ivanov, S.D., Maksimov, V.P. On sunspot decay 8-93193
 Ivanov, S.D., Rybalkin, P.T. Creep of baddeleyite-corundum refractories 8-84907
 Ivanov, S.G. see Akhmanov, S.A. 8-55414
 Ivanov, S.G. see Bunkin, A.F. 8-74945
 Ivanov, S.I., Grigor'eva, I.V. Determination of residual tangential stress in a solid cylinder from segment sections 8-60902
 Ivanov, S.I. see Volovik, V.D. 8-56191
 Ivanov, S.N. Acoustoconductivity effect in indium antimonide at liquid nitrogen temperature 8-72209
 Ivanov, S.N. see Dzhabbarov, I. 8-87748
 Ivanov, S.N. see Glagovskii, A.A. 8-72210
 Ivanov, S.N. see Gulyaev, Yu.V. 8-59235
 Ivanov, S.S., Kardash, N.V., Balezin, S.A., Ivanov, E.S. Influence of some inhibitors on the corrosion-mechanical damage of steel in hydrochloric acid solution 8-56809
 Ivanov, S.T. Excitation of coherent electromagnetic radiation by a relativistic electron beam in a plasma surrounded by a metal wall 8-67370
 Ivanov, Ts. see Lazarova, M.S. 8-85280
 Ivanov, V.A. see Agasyan, E.O. 8-78563
 Ivanov, V.A. see Benediktov, E.A. 8-61652
 Ivanov, V.A. see Borokhovich, A.I. 8-76810
 Ivanov, V.A. see Kachinskii, V.N. 8-87778
 Ivanov, V.F. On the role of dispersion and non-linearity in the propagation of waves of tsunami type in the coastal zone 8-65325
 Ivanov, V.F., Segelman, B.S., Tsionsky, V.M., Krishitalik, L.I. Hydrogen evolution at mercury from acid concentrated aqueous solutions of indifferent salts 8-53215
 Ivanov, V.G. see Kozlov, V.M. 8-91000
 Ivanov, V.I. Internal loss and the electrical impedance of a piezoelectric transducer 8-53101
 Ivanov, V.I. see Astvatsaturov, R.G. 8-78569
 Ivanov, V.I. see Basatskaya, L.V. 8-95217
 Ivanov, V.I. see Vopilkin, A.Kh. 8-71257, 8-72979
 Ivanov, V.K., Kut'enkov, V.A., Shulepov, V.I., Guzei, L.S., Sokolovskaya, E.M., Dorokhov, V.P. Influence of protective coating of titanium nitride on interaction between silicon carbide fibres and matrix of complex-alloyed nickel alloy 8-95820
 Ivanov, V.K. see Berezko, E.G. 8-74622
 Ivanov, V.L. see Aleksandrov, G.N. 8-67468
 Ivanov, V.M. see Dianov-Klokov, V.I. 8-88915
 Ivanov, V.N. see Egorov, V.V. 8-93117
 Ivanov, V.P., Sysoev, A.A., Samsonov, G.A. Attachment containing electrostatic analyzer for mass spectrometers of a single series 8-86377
 Ivanov, V.P., Zakharov, E.Yu., Luk'yanenko, V.M., Sokolin, G.F., Abaev, G.N. Mathematical model of a density detector for a continuous gas analyser 8-92580
 Ivanov, V.P. see Ovsyannikov, A.I. 8-59486
 Ivanov, V.S. see Akaev, A. 8-78966
 Ivanov, V.S. see Evseev, V.N. 8-50998
 Ivanov, V.V., Koren'kov, A.I., Medvedev, G.G. Radiative-convective heating of multidimensional bodies 8-90640
 Ivanov, V.V. see Andreev, A.M. 8-94839
 Ivanov, V.V. see Azhgirei, L.S. 8-78394
 Ivanov, V.V. see Azhgirei, L.S. 8-89727, 8-89887
 Ivanov, V.V. see Gandel'man, G.M. 8-93020
 Ivanov, V.V. see Sukhovich, E.P. 8-94565
 Ivanov, V.Ya. see Glazunov, A.A. 8-83452
 Ivanov, V.Ye., Osipov, N.K., Shneyder, V.A. Integral cross section of scattering of low-energy electrons by atomic oxygen 8-69556
 Ivanov, V.Yu. see Vinokurova, L.I. 8-60280
 Ivanov, Yu.A., Lebedev, Yu.A., Polak, L.S. Energy transfer from DC and UHF fields to plasma electrons 8-67539
 Ivanov, Yu.B. Effect of spin-orbital interaction on the surface energy of atomic nucleus 8-86495
 Ivanov, Yu.L., Farbshtein, I.I. Impurity photoelectric effect in tellurium metal-insulator-semiconductor structures 8-72203
 Ivanov, Yu.N. see Drapkin, B.M. 8-56675
 Ivanov, Yu.S. see Markov, M.N. 8-69716
 Ivanov, Yu.V., Kandaurova, G.S. Parameters of tilted cylindrical magnetic domains 8-64246
 Ivanov, Yu.V. see Papshev, D.D. 8-85046
 Ivanov-Kholodnyy, G.S., Nusinov, A.A. Variations of the E layer during geomagnetic disturbances 8-69567
 Ivanov-Omskii, V.I., Maltseva, V.A., Britov, A.D., Sivachenko, S.D. Photo- and cathodoluminescence of $\text{Cd}_{0.3}\text{Hg}_{0.7}\text{Te}$ alloys 8-52569
 Ivanov-Omskii, V.I. see Gelmont, B.L. 8-63994, 8-87980
 Ivanov-Omskii, V.I. see Mal'kova, A.A. 8-60164
 Ivanov-Omskii, V.I. see Mozhaev, E.A. 8-72177
 Ivanov-Smolenskii, G.A. see Pokatilov, V.S. 8-72418
 Ivanova, A.N. see Gryasnov, V.K. 8-71435
 Ivanova, A.V. see Drokin, A.I. 8-64203
 Ivanova, E.A. see Goncharuk, I.N. 8-76402, 8-87752
 Ivanova, E.K. see Gorskii, V.V. 8-88467
 Ivanova, E.K. see Nemoshkalenko, V.V. 8-52997
 Ivanova, E.V., Malkin, I.A., Man'ko, V.I. Stimulated emission of quadratic quantum systems that are periodic in time 8-82937
 Ivanova, G.G. see Kleshchevnikov, O.A. 8-64648
 Ivanova, G.M. see Kolesnikov, E.M. 8-96430
 Ivanova, I.A. see Ivanov, N.E. 8-70188
 Ivanova, I.N. see Gagarin, A.P. 8-52596
 Ivanova, K.F., Kaganov, M.A., Rivkin, A.S. Control of a nonstationary process of thermoelectric cooling by variation of the geometric shape of the branches of a thermoelement 8-62195
 Ivanova, K.N., Samartseva, G.P. A study of the kinetics of decomposition of an alloy based on SmCo_5 8-56644
 Ivanova, L.A., Venetsev, Yu.N., Noskova, E.A. An X-ray study of phase changes in SbTaO_4 and BiTaO_4 8-72476
 Ivanova, L.N., Imshennik, V.S., Chechetkin, V.M. Triggering of stellar collapse by thermonuclear burning in a degenerate carbon core 8-65608
 Ivanova, L.N. see Shapiro, V.A. 8-61319
 Ivanova, N. see Savitsky, E.M. 8-95766
 Ivanova, N.N. see Kamenskii, A.N. 8-53268
 Ivanova, R.P. see Sukhovarov, V.F. 8-84929
 Ivanova, S.P. see Bang, E. 8-89844
 Ivanova, S.V. see Lappo, D.D. 8-67205
 Ivanova, T.A. see Abdrakhmanov, R.S. 8-64265
 Ivanova, T.A. see Abdrakhmanov, R.S. 8-88181
 Ivanova, T.G. see Mishchenko, E.D. 8-77998
 Ivanova, T.M. see Batrakov, G.F. 8-77282
 Ivanova, T.S., Rudzmaikin, A.A. A nonlinear magnetohydrodynamic model of the solar dynamo 8-53918
 Ivanova, T.S. see Eremenko, V.N. 8-60879
 Ivanova, V.M., Gornostaeva, I.V., Morozov, A.S., Malysheva, T.A., Vydumkina, A.S. Determination of mechanical strength of glazes on hardened products 8-85067
 Ivanova, V.S., Maslov, L.I. Universal diagrams of the cohesive strength of alloys of iron and titanium 8-56733
 Ivanova, Yu.D. Method of determining time of exact time signal passage through AES-relays 8-89444
 Ivanova, Z.I., Kableka, V., Magnitskii, S.A., Piskarskas, A., Smil'gyavichyus, V., Rubina, N.M., Tunkin, V.G. Parametric generation of infrared picosecond pulses in LiNbO_3 crystals 8-71151
 Ivanovic, I.D. On complex Bell's inequality 8-54217
 Ivanovskii, M.N., Sorokin, V.P., Privezentsev, V.V. Effect of the amount of coolant on the operation of heat pipes with an inhomogeneous capillary structure in the absence of body forces 8-75037
 Ivanovskii, M.N. see Subbotin, V.I. 8-90631

- Ivanter, I.G., Nikolskii, B.A., Ponomarev, A.N., Selivanov, V.I., Suetin, V.A. μ^+ -meson spin relaxation in silicon in longitudinal magnetic fields 8-88245
- Ivantotov, A.A. Spectral analysis of the optical density of flue gases and selection of the circuit for a smoke density meter 8-69500
- Ivantsov, V.Ya. see Bukasev, Yu.A. 8-56860
- Ivantsovski, P.P. see Robachevskaya, V.I. 8-57447
- Ivanyi, M. Application of the variation calculation for solving two-dimensional electrostatic problems 8-58879
- Ivanykin, E.E. see Pokrovskii, O.M. 8-61524
- Ivanyuk, F.A., Strutinsky, V.M. Shell corrections for finite depth potentials 8-58241
- Ivanyuta, Yu.F. see Gurari, M.L. 8-64913
- Ivanyutin, L.A., Beiden, V.E., D'yachkova, N.N., Volkov, A.S., Pelipas, V.P. Study of the properties of dielectric layers of silicon oxynitride deposited on gallium oxide [for oxide read arsenide] 8-91796
- Ivascu, M., Bucurescu, D., Constantinescu, G., Avridgeanu, M., Avrigeanu, V. On the high-spin states of ^{83}Sr and ^{85}Sr 8-66199
- Ivascu, M., Poenaru, D.N. Generalization of the liquid drop model as a theory for heavy ions collision 8-58260
- Ivascu, M. see Poenaru, D.N. 8-86547
- Ivashchenko, A.I., Slobodchikov, S.V. Excess currents in p-n junctions 8-56223
- Ivashchenko, N.I. see Aref'yev, K.M. 8-75192
- Ivashchenko, N.I. see Borishanskiy, V.M. 8-75041
- Ivashin, V.V. see Gitgars, M.I. 8-64549
- Ivashkevich, A.A. Analytical estimate of critical heat flux for water boiling in a tube 8-83232
- Ivasishin, O.M., Oshkaderov, S.P., Krendeleva, A.I., Ryabtsev, I.A., Ksendzyk, G.V. Structural transformations during heat treatment and the wear resistance of steel U20Kh6T2D 8-88484
- Ivastchenko, N.J. see Andreyev, P.A. 8-94557
- Ivchenko, E.L., Lang, I.G., Pavlov, S.T. Theory of resonance secondary radiation emitted by semiconductors 8-60452
- Ivchenko, E.L., Pikus, G.E. New photogalvanic effect in gyrotropic crystals 8-64065
- Ivchenko, E.L. see Asnin, V.M. 8-80025
- Ivchenko, V.M. Isoperimetric problems in the theory of supercavitation mechanisms 8-75177
- Ivchenkova, M.D. see Goffman, V.G. 8-71856
- Ivens, G., Vollmer, H., Ziermann, E. Ten years of successful operation of the pebble-bed high-temperature reactor 8-54838
- Ivinsen, V.A. Some characteristics of the densification of powder compacts during nonisothermal sintering 8-60596
- Iveronova, V.I., Katsnel'son, A.A., Runova, T.K. Three- and four-wave diffraction of Z-rays in crystals with diamond structure 8-67608
- Iversen, T. see Balogh, A. 8-85791
- Iverson, S.L., Puttagunta, V.R., Meek, K.D., Chisholm, K.L. The feasibility of agricultural uses of thermal effluent from Glace Bay heavy water plant 8-86678
- Ives, K.J. (editor) The Scientific Basis of Flocculation 8-92520
- Ives, L.K., Ruff, A.W. Transmission and scanning electron microscopy studies of deformation at erosion impact sites 8-64725
- Ivkov, J. see Babic, E. 8-91659
- Ivlev, A.I., Kiparenko, V.I., Sharonov, G.N., Fursov, N.D., Zaks, L.M., Mif, N.P. Basic meteorological provision regulations (Application of the All-Union state standard (GOST) 1.25-76) 8-89421
- Ivlev, B.I. see Bulychenkov, I.E. 8-52150
- Ivlev, G.D., Morgun, Yu.F., Chizhevskii, V.N. Measurement of surface color temperature 8-57956
- Ivlev, L.S. see Kondrat'ev, K.Ya. 8-81408
- Ivleva, L.I. see Vaivod, P.A. 8-68466
- Ivoilov, N.G. see Gubaidullin, R.K. 8-88243
- Ivolga, V.V. see Zhilyakov, S.M. 8-68175
- Ivon, A.I., Chernenko, I.M. High-field effects in vanadium pentoxide single crystals 8-91699
- Iwabuchi, S. see Sato, K. 8-83942
- Iwadachi, T. see Inoue, A. 8-59764
- Iwahana, K. see Ohkura, H. 8-95118
- Iwahashi, A., Ochiai, I., Toyama, H. Measurement of current profile in a noncircular tokamak TNT 8-75416
- Iwahashi, Y. see Tanaka, K. 8-90703
- Iwai, A. see Tanaka, Y. 8-81509
- Iwai, S., Kudoh, K. A simple hadron cascade model and its application to electron-positron annihilation 8-66135
- Iwai, S. see Hata, M. 8-95019
- Iwai, S. see Nukui, A. 8-67651
- Iwai, S.-I. see Miyake, M. 8-83784
- Iwai, Y., Arima, J. Hydrogen embrittlement and delayed fracture of SCM3 8-64620
- Iwai Shin-ichi see Shin-ichi Iwai
- Iwaki, M., Namba, S., Yoshida, K., Soda, N., Sato, T., Yukawa, K. Annealing and rolling behaviors of concentration profiles of Cr and Cu implanted into mild steel 8-75684
- Iwakoshi, S. see Sugiyama, K. 8-60555
- Iwakura, C. see Morita, M. 8-68897
- Iwakura, H. see Miyazaki, S. 8-73273
- Iwamoto, K. see Fukuda, K. 8-79814
- Iwamoto, K. see Ikawa, K. 8-60592
- Iwamoto, K. see Tanaka, M. 8-93930
- Iwamoto, K. see Yamagata, T. 8-66190
- Iwamoto, M. see Yamashita, K. 8-68091
- Iwamoto, N., Umesaki, N. The structure of $\text{Na}_2\text{O-GeO}_2$ glasses 8-91254
- Iwamura, H., Hayashi, S., Iwasaki, H. A compact optical isolator using a $\text{Y}_3\text{Fe}_5\text{O}_{12}$ crystal for near infra-red radiation 8-83104
- Iwan, M. see Braun, W. 8-87865
- Iwan, W.D. see Miller, R.K. 8-51109
- Iwane, G. see Kobayashi, T. 8-66830
- Iwano, H. see Yoshinari, T. 8-91335
- Iwanov, D., Nanev, Chr. Direct synthesis and structure of epitaxial cadmium sulphide layers on cadmium single crystals 8-68628
- Iwanow, B. see Kortensky, H. 8-76803
- Iwanowska, W. Chemical and dynamical evolution of the Galaxy 8-96542
- Iwanowski, R.J., Dietl, T. The influence of disorder scattering on the longitudinal Nernst-Ettingshausen effect in $\text{Cd}_{0.2}\text{Hg}_{0.8}\text{Se}$ mixed crystals 8-84240
- Iwanowski, R.J., Dietl, T., Szymanska, W. Electron mobility and electron scattering in $\text{Cd}_x\text{Hg}_{1-x}\text{Se}$ mixed crystals 8-95296
- Iwao, N., Suzuki, T., Eukutomi, M., Okada, M., Watanabe, R. Effect of ion-plated molybdenum on corrosion of V/Mo alloys in liquid sodium 8-53020
- Iwao, S. Generalized quark-line rule in SU_4 symmetry scheme 8-54614
- Iwao, S. Ideal 16-plet mixing and amplitudes for two-body photonic decays of vector mesons 8-54630
- Iwao, S. Y(9.54) and broken SU_3 in nonstrange and new quark sector 8-58166
- Iwao, S. Semi-leptonic decay of charmed baryons and the effective masses of quarks 8-58185
- Iwao, S. Semi-empirical mass formula for hadrons in quark model and quantum chromodynamics 8-74236
- Iwao, S. Friedel sum rule on hypernuclei and its meaning in hadron physics 8-82305
- Iwao, S., Shako, M. Quark distribution functions of Fields and Feynman in relation to μp and μD interactions at a few hundred GeV energies 8-50035
- Iwasa, M. see Omori, S. 8-95721
- Iwasa, Y., Apgar, B.A. Transient heat transfer to liquid helium from bare copper surfaces in a vertical orientation. I. Film boiling regime 8-83219
- Iwasaki, A. see Kato, I. 8-90123
- Iwasaki, F., Kawano, Y. The crystal and molecular structure of o-nitrophenol 8-51523
- Iwasaki, F., Kurashige, M. Lattice distortions and optical inhomogeneities in synthetic quartz 8-55887
- Iwasaki, H. X-ray study of the compression of the alloy MgIn 8-51610
- Iwasaki, H., Masumoto, T. Effect of high pressure on the crystallization of an amorphous $\text{Pd}_{80}\text{Si}_{20}$ alloy 8-95001
- Iwasaki, H., Nishitani, R., Nakamura, S. Determination of depth profiles by angular dependent X-ray photoelectron spectra 8-88404
- Iwasaki, H., Yabuuchi, S. The effect of repressing and double sintering on impact properties of sintered iron 8-92217
- Iwasaki, H. see Fukuma, M. 8-74985
- Iwasaki, H. see Hongo, M. 8-51273
- Iwasaki, H. see Ichinose, N. 8-95215
- Iwasaki, H. see Iwamura, H. 8-83104
- Iwasaki, H. see Miyazawa, S. 8-80310
- Iwasaki, H. see Mizokawa, Y. 8-84086, 8-92171
- Iwasaki, M., Toriyama, K., Muto, H., Nunome, K. Hydrogen abstraction by thermal hydrogen atoms at 10-30K: electron spin resonance evidence 8-76839
- Iwasaki, M. see Jotaki, T. 8-63479
- Iwasaki, N. see Hayashi, M. 8-55647
- Iwasaki, R.S. Microwave blackbody calibration of the TIROS N microwave sounder unit 8-93016
- Iwasaki, S., Marumori, T., Sakata, F., Takada, K. Structure of excited states in transitional nuclei: first excited 0^+ states in Se and Mo isotopes 8-54683
- Iwasaki, S., Ouchi, K. Co-Cr recording films with perpendicular magnetic anisotropy 8-95491
- Iwasaki, S. see Chiba, R. 8-78320
- Iwasaki, S. see Sakata, F. 8-54687
- Iwasaki, T., Goto, T., Nishina, Y. Oscillator strength of excitons in highly excited PbI_2 8-76001
- Iwase, M., Fujimura, K., Mori, T. Thermodynamic study of liquid lead-silver alloys by means of solid-oxide galvanic cell 8-75851
- Iwashige, H. see Ohta, M. 8-79167
- Iwashimizu, Y., Kobori, O. The Rayleigh wave in a finitely deformed isotropic elastic material 8-94460
- Iwashita, K., Yoshida, K., Irie, F. Vortex motion in a Josephson junction line 8-91824
- Iwata, A. see Sugimoto, H. 8-92610
- Iwata, K., Hakoshima, T., Nagata, R. Measurement of flow velocity distribution by multiple-exposure speckle photography 8-67288
- Iwata, K. see Abe, Y. 8-58167, 8-74250
- Iwata, M. see Tanaka, K. 8-72281
- Iwata, S. One-center two electron repulsion parameters in the π and all-valence semi-empirical theories 8-78604
- Iwata, S., Shiomi, S., Uchiyama, S., Fujii, T. Automation properties of fast σ bubble 8-88150
- Iwata, S. see Cobb, J.H. 8-62469, 8-89749
- Iwata, T. see Saka, H. 8-51565
- Iwatsubo, T. see Gen, M. 8-63338
- Iwaya, Y. see Kato, S. 8-74443
- Iwayanapi, J., Abuku, S. Residual stress measurement by magnetic method 8-59352
- Iwinski, E.M. see Chapin, D.L. 8-58416
- Iwinski, E.M. see Sink, D.A. 8-50361
- Ixanov, B., Laty, P., Joud, J.-C., Desre, P. Surface tension of Fe-Si liquid alloys 8-84029
- Iyengar, L. see Ranga Prasad, T. 8-79767
- Iyengar, L. see Venudhar, Y.C. 8-51473, 8-91456
- Iyengar, P.K. see Rao, K.R. 8-59897
- Iyer, B.R., Kumar, A. Spontaneous creation of massive spin half particles by a rotating black hole 8-89217
- Iyer, K.N. see Klobuchar, J.A. 8-69587
- Iyer, R.H. see Mahajan, G.R. 8-73533
- Iyer, R.M. see Saha, S.K. 8-64864
- Iygi, Kh.R.-V. see Elango, M.A. 8-92132
- Izaguirre, F. see Kramer, B. 8-80389
- Izak-Biran, T., Amiel, S. Cumulative and independent yields of krypton and xenon isotopes from reactor neutron induced fission of ^{232}Th 8-74410
- Izak-Biran, T., Amiel, S. Yields of tin and antimony isotopes in the vicinity of the closed shell $N=82$ from reactor neutron induced fission of ^{232}Th 8-89923
- Izakov, M.N., Krasitskii, O.P. A model for the composition of the Martian atmosphere 8-69721
- Izatt, J.R. see Mathieu, P. 8-74941
- Izawa, T. see Sudo, S. 8-83125
- Izhakevich, E.M. see Sereida, E.M. 8-93137
- Izmailov, I.A., Kochelap, V.A., Kukibnyi, Yu.A. Light amplification in photorecombination reactions initiated by a shock wave. I 8-63100
- Izmailov, Sh.L., Styrov, V.V. Physico-chemical changes on the surface of zinc sulphide crystal phosphors during interaction with atomic hydrogen (ZnS-Mn) 8-72602
- Izotov, V.I., Kozlov, A.P. Influence of plastic deformation on the structure of twinned martensite in iron alloys 8-88493
- Izotova, E.M. see Akishev, S.N. 8-61589
- Izrael', Yu.A. see Boltneva, L.I. 8-86698
- Izraileva, L.K. see Gurov, K.P. 8-76155
- Izrailevskii, L.B. see Rivkin, S.K. 8-67845
- Izumi, H. see Kawasaki, T. 8-68823
- Izumi, K. see Watanabe, T. 8-71700
- Izumi, M. see Fukunishi, K. 8-94105
- Izumi, O. see Aoki, K. 8-56715, 8-84839
- Izumi, O. see Hanada, S. 8-95745
- Izumi, O. see Takasugi, T. 8-84898, 8-84911
- Izumi, R. see Kinoshita, S. 8-75179, 8-87372
- Izumi, S. see Yamamoto, H. 8-54813
- Izumi, T. A new curved X-ray position-sensitive detector 8-63635
- Izumi, T. see Uehori, T. 8-95479
- Izumitani, T. see Hirota, S. 8-80374
- Izumoto, T. Coupled-channels analysis of energy-dependent isospin violation in the $^{12}\text{C}(\alpha, ^{10}\text{B})(1.74 \text{ MeV}, T=1)$ reaction 8-70541
- Izushi, M. see Udaguchi, T. 8-64615
- Izutsu, M., Itoh, T., Sueta, T. 10 GHz band-width traveling-wave LiNbO_3 optical waveguide modulator 8-59134
- Izutsu, S., Hirakawa, N. Application of synthesis methods to two-dimensional fast reactor transient study 8-89935
- Izutuya, S. see Hagiwara, Y. 8-96123
- Izvovchikov, A.B. see Bagaev, V.V. 8-67420
- Izvovchikov, A.B. see Berzhetskii, M.S. 8-59547
- Izvovchikov, V.A., Laptev, V.V., Palanduzyan, Yu.Kh. Universal chamber for measurement of X-ray and electric characteristics of high-resistance semiconducting layers 8-86396
- Izycki, M. see Pavlopoulos, P. 8-62443
- Izycki, M. see Poth, H. 8-70979
- Izycki, M. see Suffert, M. 8-54642
- Izyneev, A.A. see Gromov, A.K. 8-88286
- Izumov, Yu.A., Skryabin, Yu.N., Laptev, V.M. Critical behaviour near the intersection of second-order phase transition lines in a random system 8-68276

- Izyumov, Yu.A.**, Skryabin, Yu.N., Laptev, V.M. Critical behaviour of disordered magnetic systems. I. A binary ferromagnetic alloy 8-88127
- Izyumov, Yu.A.**, Skryabin, Yu.N., Laptev, V.M. Critical behaviour of disordered magnetic systems. II. An antiferromagnet with impurities 8-88128
- J. Lambert, R.St.** see St. J. Lambert, R.
- Ja, Y.H.** Microwave holography using one of the space sampling signals as the reference 8-87028
- Jaarsma, R.**, Perlado, J.M., Rief, H. ESP-TIMOC code manual 8-50236
- Jabbarian-Lotfabad, A.** see Partovi, M.H. 8-62963
- Jablon, C.**, Longeon, R. Cross-field thermal losses near a wall-plasma interface 8-59609
- Jablonowski, D.P.** Simple interferometer for monitoring Rayleigh waves 8-74052
- Jablonski, A.** Estimation of backscattering factor for low atomic number elements and their alloys 8-72649
- Jablonski, A.** Quantitative analysis by Auger electron spectroscopy 8-76967
- Jablonski, H.** The application of modern methods for testing of polymers and paints 8-85253
- Jablonski, H.P.** see Buchmann, R. 8-80163
- Jablonski, W.** see Drobnik, A. 8-92147
- Jacaman, M.J.**, Ocan, T. Reply to 'Comments on 'On the step structure of alkali halide surfaces'' 8-79866
- Jacazio, G.**, Piombo, B. Experimental method for finding the tuning speed in free tuned gyros 8-90701
- Jaccard, C.**, Ecabert, M. Optical detection of nuclear magnetic resonance with distant F-centre pairs in KCl 8-68414
- Jaccard, C.** see Ecabert, M. 8-92094
- Jaccard, S.** see Bugg, D.V. 8-70396
- Jaccard, S.** see Waters, G. 8-82599
- Jachia, A.** see Carretta, U. 8-83536
- Jachinski, C.M.**, Cormier, T.M., Braun-Munzinger, P., Berkowitz, G.M., Cormier, P.M., Gai, M., Harris, J.W. Correlation between fusion and inelastic scattering in the system $^{16}\text{O}+^{12}\text{C}$ 8-66310
- Jachimowski, M.**, Data, A. DC sputtered $\text{Al}_{1-x}\text{Sb}_x$ films 8-52674
- Jachkin, V.A.** see Bogomolova, L.D. 8-72399
- Jacholkowska, A.** see Baland, J.F. 8-93911
- Jachowicz, W.**, Wasilewski, W. A classical, phenomenological description of the thermodynamic properties of uniaxial ferromagnets with domain structure 8-56316
- Jack, K.H.** see Cutler, I.B. 8-95159
- Jack, K.H.** see Hampshire, S. 8-84750
- Jack, M.A.** Fast-Fourier-transform processor using SAW chirp filters 8-87209
- Jackel, J.**, Mahr, H. Nonlinear optical measurements in the excitonic region of CdS at 4.2K 8-68531
- Jackel, L.D.** see Hu, E.L. 8-68114
- Jackiw, R.**, Muzinich, I., Rebbi, C. Coulomb gauge description of large Yang-Mills fields 8-54555
- Jackle, J.** Long-wavelength density fluctuations in superionic conductors 8-79808
- Jackle, J.**, Jungst, K.-L. Density fluctuations from elastic dipoles in glasses at low temperatures 8-79709
- Jackle, R.**, Pilkuhn, H., Schlaile, H.G. Amplitude analysis of elastic pion-nucleus scattering 8-62580
- Jackman, A.P.**, Green, J.F. Arterial pressure-flow relationships in the anesthetized dog 8-69120
- Jackman, J.A.**, Schulte, C.W., Campbell, J.L. Temperature-dependent positron trapping in nickel after 5 MeV electron irradiation 8-91360
- Jackman, J.A.** see Schulte, C.W. 8-56540
- Jackman, T.E.** see Schultz, P.J. 8-80433
- Jackson, B.S.**, Carroll, J.J. Aerodynamic roughness as a function of wind direction over asymmetric surface elements 8-92890
- Jackson, D.** see Bianconi, A. 8-52567
- Jackson, D.A.**, Bedborough, D.S. An application of intensity fluctuation spectroscopy to the falling slug method of viscosity determination 8-71408
- Jackson, D.A.**, Priest, R.G. Application of a microcomputer to optical spectroscopy 8-93764
- Jackson, D.A.**, Schoen, P. A simple stepping motor programmer 8-54355
- Jackson, D.A.** see Bedborough, D.S. 8-54448
- Jackson, D.F.** Interpretation of alpha clustering in nuclei 8-78289
- Jackson, D.F.**, Rhoades-Brown, M. Antisymmetrisation in alpha decay and alpha transfer 8-86514
- Jackson, D.F.** see Chivers, I.D. 8-81756
- Jackson, D.P.** see Norton, P.R. 8-71916
- Jackson, D.P.** see Robinson, J.E. 8-95638
- Jackson, D.R.** see Barry, W.A. 8-69550
- Jackson, E.A.** Responses to perturbations of the force-free aligned pulsar atmosphere 8-53974
- Jackson, E.A.** Theory of the pulsar atmosphere. II. Arbitrary magnetic and rotational axes; qualitative features 8-57569
- Jackson, G.F.** An assessment of the application of pneumatic gauging to the measurement of mass transfer coefficients 8-58329
- Jackson, H.A.** Nuclear plant construction by Ontario Hydro 8-86676
- Jackson, H.E.** see Bowles, T.J. 8-93988
- Jackson, H.W.** see McCartor, G. 8-55996
- Jackson, J.E.** Multidimensional scaling [vision] 8-64979
- Jackson, J.E.** see Rice, R.R. 8-71197
- Jackson, J.J.** Close pair recombinations in irradiated platinum 8-87716
- Jackson, J.N.** see Albrow, M.G. 8-58214
- Jackson, J.N.** see Alper, B. 8-70414
- Jackson, P.J.** Comments on 'Dislocation dynamics during rate changes' 8-88506
- Jackson, S.A.**, Lee, P.A., Rice, T.M. Triple point of the lock-in and onset transitions of charge-density waves 8-67960
- Jackson, W.A.** The effect of lens transmittance on the colour of photographic images 8-62250
- Jackson, W.M.**, Halpern, J.B., Lin, C.-S. Multi-photon ultraviolet photochemistry 8-50602
- Jackson, W.M.** see Miller, G.E. 8-90316
- Jacob, A.** The versatile technique of RF plasma etching. III. Mechanistic considerations for selective etching [IC fabrication] 8-64754
- Jacob, B.** see Bamford, D. 8-73329
- Jacob, G.** see Mors, P.M. 8-54762
- Jacob, L.**, Shaltiel, D. Hydrogen absorption in $\text{Zr}(\text{Al}_x\text{B}_{1-x})_2$ (B=Fe, Co) Laves phase compounds 8-87866
- Jacob, J.H.**, Mangano, J.A., Rokni, M. Efficient pumping of exciplex lasers 8-74892
- Jacob, J.H.** see Mangano, J.A. 8-94920
- Jacob, J.H.** see Rokni, M. 8-63062, 8-71083
- Jacob, J.H.** see Srivastava, B.N. 8-66802
- Jacob, J.H.** see Yoder, M.J. 8-71074
- Jacob, K.** see Chandrasekhara, K. 8-59296
- Jacob, K.T.**, Bhogswara Rao, D., Nelson, H.G. Some studies on a solid-state sulfur probe for coal gasification systems 8-76947
- Jacob, K.T.**, Toguri, J.M. Thermodynamics of oxide-sulfate melts. The system PbO-PbSO_4 8-83976
- Jacob, K.T.** see Valderrama-n, J. 8-91433
- Jacob, K.T.** see Waseda, Y. 8-83935
- Jacob, M.** Hadronic jets 8-54612
- Jacob, M.C.**, Dougall, R.S. The relationship of forced convection quench data to steady-state nucleate boiling data 8-90995
- Jacob, R.J.** see McClaskey, R. 8-93889
- Jacobi, G.** see Grigoleit, H.-G. 8-57030
- Jacobi, K.**, Geng, P., Ranke, W. Small rotating triple-reflection polariser for a UV discharge lamp 8-94443
- Jacobi, K.**, Muschwitz, C. Angular resolved UPS of the $c(2\times 2)$ overlayer of selenium on Ni (001) using polarised and unpolarised HeI radiation 8-76584
- Jacobi, K.** see Gaebler, W. 8-76168
- Jacobi, K.** see Horn, K. 8-56570, 8-72685
- Jacobi, K.** see Ranke, W. 8-91524
- Jacobi, O.** see Fredericks, V.P. 8-61312
- Jacobi, C.** see Canali, C. 8-84227
- Jacobi, C.** see Nava, F. 8-52001
- Jacobs, C.A.** Observed oceanic variability at and near the air-sea interface during Phase III of Project BOMEX 8-69362
- Jacobs, C.A.** Numerical simulations of the natural variability in water temperature during BOMEX using alternative forms of the vertical eddy exchange coefficients 8-69363
- Jacobs, E.** see De Frenne, D. 8-86513
- Jacobs, E.P.**, Dorda, G. Mechanical stress at the (111)Si surface covered by SiO_2 and Al-SiO_2 layers 8-63921
- Jacobs, G.** see Carlier, F. 8-91642, 8-92071
- Jacobs, H.** see Rauch, H.E. 8-83274
- Jacobs, H.R.**, Cook, D.S. Direct contact condensation on a non-circulating drop 8-94548
- Jacobs, H.R.**, Fannar, H., Beggs, G.C. Collapse of a bubble of vapor in an immiscible liquid 8-94547
- Jacobs, I.S.**, Levinson, L.M., Hart, H.R., Jr. Magnetic and Mossbauer spectroscopic characterisation of coal 8-64903
- Jacobs, I.S.** see Bonner, J.C. 8-68209
- Jacobs, J.T.**, Crooks, W., Schreiber, D., Weiche, W. Microfilm by laser transfer printing 8-65994
- Jacobs, J.T.** see Chu, W.H. 8-63667
- Jacobs, K.** see Gottschalech, V. 8-88434
- Jacobs, L.**, Jr. Instant movies are 'a reality' 8-78012
- Jacobs, M.** Working under pressure: The varied world of the piezoelectric polymer 8-80289
- Jacobs, P.W.M.** see Coatsworth, L.L. 8-74700
- Jacobs, P.W.M.** see Corish, J. 8-83831
- Jacobs, P.W.M.** see Govindarajan, J. 8-79782
- Jacobs, R.R.**, Krupke, W.F. Rare earth vapors as fusion laser gain media 8-63073
- Jacobs, R.R.**, Krupke, W.F. Trivalent rare earth molecular vapor laser experiments 8-66813
- Jacobs, R.R.**, Krupke, W.F., Weber, M.J. Measurement of excited-state-absorption loss for Ce^{3+} in $\text{Y}_3\text{Al}_5\text{O}_{12}$ and implications for tunable 5d \rightarrow 4f rare-earth lasers 8-90417
- Jacobs, S.F.** Measurements of ultrasmall displacements 8-57897
- Jacobs, S.M.**, Kirsch, L.E., Moore, S.C., Schmidt, P.E., Davis, T., Meadows, B.T., Fainberg, A., Goldberg, M., Linscott, I.R., Moneti, G.C., Weygand, D.P. Neutral strange-particle production in antiproton-proton reactions at 3.0 GeV/c 8-58197
- Jacobs, V.L.**, Davis, J., Rogerson, J.E., Blaha, M. Ionization equilibrium and radiative energy loss rates for C, N and O ions in low-density plasmas 8-87430
- Jacobsen, C.S.**, Mortensen, K., Andersen, J.R., Bechgaard, K. Transport properties of some derivatives of tetrathiofulvalene-tetracyanop-quinodimethane ([TTF-TCNQ]) 8-61683
- Jacobsen, C.S.** see Andersen, J.R. 8-63742
- Jacobsen, G.** Exact field expressions for guided modes of a general class of graded-index fibres 8-74977
- Jacobsen, T.S.** see Beardsley, W.R. 8-57574
- Jacobson, A.D.** see Grinberg, J. 8-79141
- Jacobson, A.J.**, Calvert, A.J. A powder neutron diffraction study of cation ordering in $6\text{H Ba}_3\text{Sb}_2\text{NiO}_8$ 8-55852
- Jacobson, A.R.** Heterodyne quadrature interferometer for simultaneous measurements of plasma density along several chords 8-67416
- Jacobson, A.R.**, Call, D.L. Novel interferometer for the measurement of plasma density 8-55748
- Jacobson, D.** see Manda, M. 8-60540
- Jacobson, D.L.**, Storms, E.K. Work function measurement of lanthanum-boron compounds 8-60539
- Jacobson, J.Z.** see Searle, C.L. 8-69115
- Jacobson, M.J.** see Jacyna, G.M. 8-63226
- Jacobson, S.H.** see Finston, H.L. 8-85239
- Jacobsson, L.**, Jonsson, G. An application of two different energy loss parameters on the mass determination of cosmic ray nuclei in nuclear emulsion 8-94175
- Jacobus, W.E.** see Hollis, D.P. 8-69018
- Jacoby, G.H.** see Ford, H.C. 8-93394
- Jacoby, J.L.** see Aprahamian, R. 8-53165
- Jacon, M.** see Atabek, O. 8-94248
- Jacox, J.E.** Assignment of the hydrocarbon flame bands. The C-X transition of HCO 8-62819
- Jacox, M.E.** Matrix isolation study of the vacuum ultraviolet photolysis of methyl cyanide. Vibrational and electronic spectra of the CNC free radical 8-85180
- Jacox, M.E.** Matrix isolation study of the reaction of carbon atoms with molecular nitrogen. Electronic transitions of the CNN free radicals in the 2600- to 1900-Å spectral region 8-86880
- Jacquart, G.** see Gairaud, H. 8-96184
- Jacquart, Y.** see Demuth, C. 8-81385
- Jacquemin, J.L.**, Ardalan, A., Bordure, G. Electrical conductivity and dielectric constant of heat-treated polyacrylonitrile in an AC regime 8-60173
- Jacques, H.** see Rehn, L.E. 8-92289
- Jacques, J.** see Smith, H.A. 8-85954
- Jacques, L.** see Bruynooghe, W. 8-59711
- Jacques, S.**, Dixmude, D. Geothermometry of granulite facies rocks from Rogaland (south-western Norway) 8-96193
- Jacquet, F.** see Alibrán, P. 8-50026
- Jacquet, F.** see Merritt, F.S. 8-66104
- Jacquet, G.** see Burq, J.P. 8-82569
- Jacquet, M.L.** see Billon, D. 8-58490
- Jacquier, B.** see Pelle, F. 8-68549
- Jacquinet, J.** see Adam, J. 8-71473
- Jacquinet, J.F.**, Lounasmaa, O.V., Urbina, C. Dynamic nuclear polarisation by the intermediary of nuclei situated at the centre of a diffusion barrier 8-91990
- Jacquinet, P.**, Juncar, P., Pinard, J. Motionless Michelson for high precision laser frequency measurements: the sigmaster 8-89449
- Jacquinet, P.** see Huber, G. 8-78826
- Jacquinet, P.** see Liberman, S. 8-86829
- Jacucci, G.**, McDonald, I.R., Taylor, R. The static structure factors of a liquid sodium-potassium alloy 8-63664
- Jacucci, G.** see Ciccotti, G. 8-71660
- Jacyna, G.M.**, Jacobson, M.J. Deep-water acoustical analysis of stationary and moving broadband sound sources 8-63226
- Jaczynski, M.**, Kossut, J., Galazka, R.R. Influence of exchange interaction on the quantum transport phenomena in $\text{Hg}_{1-x}\text{Mn}_x\text{Te}$ 8-76093

- Jadach, S.** *see* Hayot, F. 8-66082
- Jadamec, J.R.** *see* Saner, W.A. 8-92525
- Jadot, J.P.** *see* Ferguson, P. 8-88015
- Jadrny, R., Karlsson, L., Mattsson, L., Siegbahn, K.** Valence electron spectra of the chlorofluoromethanes CF_3Cl , CF_2Cl_2 and CFCl_3 8-50582
- Jadrny, R.** *see* Karlsson, L. 8-50581
- Jadrny, R.** *see* Mattsson, L. 8-50580
- Jae Chun Hyun** Theory of draw resonance. I. Newtonian fluids 8-83350
- Jae Chun Hyun** Theory of draw resonance. II. Power-law and Maxwell fluids 8-83351
- Jae Hoon Kim** *see* Chul Cho 8-64119
- Jae Lee Yung** *see* Yung Jae Lee
- Jae Min Hyun, Peskin, R.L.** Baroclinic instabilities of a deep fluid. II 8-79307
- Jaacks, D.H.** *see* Eriksen, F.J. 8-66658
- Jaeger, E.F.** *see* Wheaton, J.H. 8-50693
- Jaeger, H.** *see* Bruce, L.A. 8-60041
- Jaeger, H.-P.** Design of a viscosimeter for the measuring of the viscosity of liquid multi-matter blends of high vapor pressure 8-94867
- Jaeger, K.** *see* Derrick, M. 8-82197
- Jaeger, K.** *see* Singer, R. 8-54659
- Jaeger, R.E., MacChesney, J.B., Miller, T.J.** The preparation of optical waveguide preforms by plasma deposition 8-55479
- Jaeger, W., Gleiter, H.** Grain boundaries as vacancy sources in diffusional creep 8-88508
- Jaegle, P.** Progress on X-ray laser research 8-74893
- Jaegle, P.** *see* Cukier, M. 8-90134
- Jaegle, P.** *see* Dhez, P. 8-62270
- Jaenecke, P.** *see* Kutschera, J. 8-88761
- Jaenicke, R.** The role of organic material in atmospheric aerosols 8-73464
- Jaenicke, R.** Physical properties of atmospheric particulate sulfur compounds 8-96285
- Jaenicke, R., Kasten, F.** Estimation of atmospheric turbidity from the burned traces of the Campbell-Stokes sunshine recorder 8-88912
- Jaenicke, R., Schutz, L.** Comprehensive study of physical and chemical properties of the surface aerosols in the Cape Verde Islands region 8-85640
- Jaerisch, W., Makosch, G., Scheuing, C.** Self-levelling reference plane for interferometric flatness testing 8-63207
- Jaerok Kim, Young Hee Kim** Radioiodine labelling of insulin using dimethylsulfoxide as a labelling-aid 8-88746
- Jaeschke, W., Georgii, H.-W., Claude, H., Malewski, H.** Contributions of H_2S to the atmospheric sulfur cycle 8-73473
- Jaffar, M.** Topographic and thermodynamic aspects of gas-solid interfaces 8-68927
- Jaffe, C.C.** Effects of transducer beam profile on the detection of clinically significant tissue apertures in two-dimensional echocardiography 8-73185
- Jaffe, D.T., Wilson, T.L., Thomasson, P.** Recombination-line observations of $\text{W}_3(\text{OH})$ 8-93371
- Jaffe, E.K.** *see* Owen, C.S. 8-57154
- Jaffe, H.H.** *see* Sauer, J. 8-78613
- Jaffe, R.L.** Q^2Q^2 resonances in the baryon-antibaryon system 8-58171
- Jaffe, R.L., Langhoff, S.R.** Theoretical study of the photodissociation of HOCl 8-50604
- Jaffe, R.L.** *see* So-Young Pi 8-70382
- Jaffre, M.** *see* Krenz, W. 8-54624
- Jafri, J.** *see* Basch, H. 8-66464
- Jagadeesh, M.S., Damodara Das, V.** Colour centre studies in MoO_3 films 8-71724
- Jaganmohan Rao, B., Madhusudhana Rao, D.N., Ramana, K.V.V.** Solar particle effects on HF ionospheric absorption at low latitudes 8-69594
- Jagannadham, K., Marcinkowski, M.J.** Dislocation model of the interaction between a tensile crack and a hole 8-67092
- Jagannadham, K., Marcinkowski, M.J.** Continuous plastic cracks in ordered alloys 8-80625
- Jagannath, H.** *see* Agarwal, U.P. 8-58729
- Jagannathan, K.P.** *see* Sengupta, A.K. 8-52765
- Jagannathan, N.** *see* Gamo, H. 8-85697
- Jagannathan, R., Vasudevan, R.** A note on representation of para-Fermi algebra 8-65867
- Jagbir Singh** A characterization of positive Poisson distribution and its statistical application 8-93517
- Jager, C.de** *see* de Jager, C.
- Jager, C.de** *see* De Jager, C.
- Jager, E.** *see* Schlottter, C.M. 8-85417
- Jager, H., Seipp, E.** Epitaxial deposition of GaAs and GaAsP on Ge substrates 8-72736
- Jager, I.** The influence of the cooling rate on interface segregation 8-72010
- Jager, J.C.G.de** *see* de Jager, J.C.G.
- Jager, P.A.de** *see* de Jager, P.A.
- Jager, W.** *see* Lyles, R.L., Jr. 8-88603
- Jagersberger, H.** *see* Winkelmann, I. 8-89988
- Jaggi, N.K.** Dependence of the spin glass transition on the details of the disorder 8-72355
- Jagielski, T.** *see* Fukamichi, K. 8-91922
- Jagielski, T.** *see* Kikuchi, M. 8-76291
- Jagii, R.** Two-dimensional current and field distribution in superconductors of rectangular cross-section 8-72303
- Jagner, S.** *see* Brattas, C. 8-95021
- Jagner, S.** *see* Wood, J.C. 8-70736
- Jagodzynski, H.** Systematic absences in low energy electron diffraction 8-94952
- Jagov, V.V.** *see* Labuntsov, D.A. 8-90663
- Jagusztyn, W., Ostrowski, K.W., Rulikowska-Zarebska, E.** The study on the high pressure discharge phenomena in nonuniform electric fields in some noble gas mixtures used as detection media 8-74545
- Jah, S.S.** *see* Srinivasan, S. 8-64113
- Jahn, H.** Method of calculating the charge acceptance of organic photoconductors [used in copiers] 8-80020
- Jahn, I.R.** *see* Brauer, P. 8-95155
- Jahn, I.R.** *see* Perry, C.H. 8-75760
- Jahn, I.R.** *see* Steinbrener, S. 8-51671
- Jahn, J.** *see* Payer, B. 8-56850
- Jahn, M.T.** *see* Wan, C.M. 8-84856
- Jahn, R., Stahel, D.P., Wozniak, G.J., De Meijer, R.J., Cerny, J.** Survey of the $(\alpha, ^2\text{He})$ reaction on 1p- and 2s1d-shell nuclei 8-74379
- Jahn, R., Stahel, D.P., Wozniak, G.J., de Meijer, R.J., Cerny, J.** Survey of the $(\alpha, ^2\text{He})$ reaction on 1p- and 2s1d-shell nuclei 8-82365
- Jahn, R.** *see* KeKelis, G.J. 8-78245
- Jahn, R.G.** *see* Sabar, A.J. 8-71546
- Jahn, U.** *see* Schirmer, G. 8-83843
- Jahn, W.** *see* Deutschbein, O. 8-79021
- Jahn Bor-ming** *see* Bor-ming Jahn
- Jahne, E.** *see* Ulrici, B. 8-52493
- Jahne, H.-J.** *see* Beyer, M. 8-72461
- Jahnig, F.** Long-range order in lipid bilayers 8-92593
- Jahsman, W.E.** *see* Bhushan, B. 8-85070
- Jai Prakash** *see* Sharma, P.K. 8-64022
- Jain, A.** Application of vacuum technology in nuclear and high energy physics research 8-86706
- Jain, A.** *see* Clark, D.J. 8-78526
- Jain, A.** *see* Stephenson, E.J. 8-70217
- Jain, A.K., Padgug, R.A.** Fast restoration of finite objects degraded by finite PSF 8-90379
- Jain, A.K., Sarma, N.** The influence of distortions and other effects on the D(d,t)H reaction 8-54772
- Jain, A.K., Upreti, G.C.** EPR evidence of possible metastable regions in Mn^{2+} doped ferroelectric BaNO_2 8-60328
- Jain, A.K.** *see* Angel, E.S. 8-78920
- Jain, A.K.** *see* Khattri, K. 8-96161
- Jain, A.K.** *see* Varmazis, C. 8-88078
- Jain, B.K., Phatak, S.C.** Pion-induced knock-out reactions 8-74404
- Jain, D.L., Kanwal, R.P.** Scattering of P and S waves by spherical inclusions and cavities 8-89353
- Jain, D.S.** *see* Parkash, O. 8-92568
- Jain, F.C., Marcinek, J.W.** A single-heterostructure MOS injection laser 8-59005
- Jain, F.C.** *see* Bosacchi, B. 8-87107
- Jain, G.C., Das, B.K., Bhattacharjee, S.P.** Grain growth in polycrystalline silicon 8-92188
- Jain, G.C., Das, B.K., Kumari, S.** On the origin of core losses in a manganese zinc ferrite with appreciable silica content 8-64225
- Jain, G.C., Prasad, A., Chakravarty, B.C.** Diffusion of Ga into Si through SiO_2 8-51574
- Jain, G.C., Prasad, A., Chakravarty, B.C.** Elimination of surface damages caused by Ga in closed capsule diffusions 8-87691
- Jain, J.K.** *see* Kapoor, A.K. 8-71705
- Jain, K.** *see* Gupta, N.P. 8-91700
- Jain, K.** *see* Mehendru, P.C. 8-76387
- Jain, K.P., Balkanski, M.** Statistical theory of multiple-phonon scattering in semiconductors 8-67794
- Jain, K.P.** *see* Arya, K. 8-60469
- Jain, M., Tzoar, N.** Compton scattering in the presence of coherent electromagnetic radiation 8-94225
- Jain, M., Tzoar, N.** Propagation of nonlinear optical pulses in inhomogeneous media 8-94408
- Jain, M.** *see* Bonner, B.E. 8-50173, 8-50174, 8-62434
- Jain, M.** *see* Glass, G. 8-62437
- Jain, M.** *see* Riley, P.J. 8-70389, 8-70534
- Jain, M.** *see* Thomas, W. 8-70392
- Jain, M.K., Lone, A.G.** Difference schemes for solving heat flow equation 8-90627
- Jain, N.C., Goyal, M.C.** On the laminar flow along a porous vertical wall 8-90825
- Jain, P.C.** New parameters of the exponential-six potential for neon 8-55217
- Jain, P.C., Trigunayat, G.C.** Refinements in the method for the structure determination of polytypes: crystal structure analysis of 11 new cadmium iodide polytypes 8-91312
- Jain, P.C., Wahab, M.A., Trigunayat, G.C.** Crystal structures of eight new cadmium iodide polytypes 8-91313
- Jain, P.C., Wunderlich, B., Chaubey, D.R.** Effect of pressure on the melting of poly(4-methyl-1-pentene) 8-56625
- Jain, R.** *see* Longworth, G. 8-52397
- Jain, R.K.** Use of heavy doping effects to calculate the electrostatic field acting on the impurity atoms 8-51570
- Jain, R.K.** Calculation of the built-in electric field diffusion enhancement factor 8-55985
- Jain, R.K.** A nonlinear theory of gravitation-induced Rayleigh-Taylor instability mechanism and the equatorial spread-F 8-69595
- Jain, R.K., Ausschnitt, C.P.** Subpicosecond pulse generation in a synchronously mode-locked CW rhodamine 6G dye laser 8-71128
- Jain, R.K.** *see* Ausschnitt, C.P. 8-66821
- Jain, R.K.** *see* Jain, V.K. 8-88052
- Jain, S.** *see* Mathur, P.C. 8-72172
- Jain, S.C., Hughes, A.E.** Ostwald ripening and its application to precipitates and colloids in ionic crystals and glasses [Review] 8-80548
- Jain, S.K., Chavre, R.S., Shrivastava, R.N.** Role of dislocations in quench hardening of alkali halide single crystals 8-52855
- Jain, S.K., Srivastava, G.P.** Effect of polarisability on the vibrational and thermal properties of rare gas solids 8-71807
- Jain, S.K.** *see* Chaur, R.S. 8-64550
- Jain, S.K.** *see* Singh, D.P. 8-69561
- Jain, V.C., Shanker, J.** Evaluation of the exchange charge polarization in alkali halides 8-55832
- Jain, V.C., Shanker, J.** The exchange charge shell model analysis of strain derivatives of static polarisability and effective charge parameter of alkali halides 8-91296
- Jain, V.C., Shanker, J.** Evaluation of the exchange charge polarization in AgCl and AgBr crystals 8-92016
- Jain, V.K.** The dependence of thermoluminescence intensity on heating rate and the deep trap in lithium fluoride 8-56527
- Jain, V.K., Bahadur, S.** Material transfer in polymer-polymer sliding 8-64726
- Jain, V.K., Gupta, C.L., Jain, R.K.** Electrical properties of pure and doped polyvinyl alcohol films 8-88052
- Jain, V.K., Srinivasan, T.M.** EPR of Mn^{2+} in $\text{MgCo}_2(\text{SeO}_4)_2 \cdot 6\text{H}_2\text{O}$ single crystals 8-64261
- Jain, V.K., Srinivasan, T.M.** Electron paramagnetic resonance of Mn^{2+} and Gd^{3+} in $\text{Pr}_2\text{Zn}_3(\text{NO}_3)_{12} \cdot 24\text{H}_2\text{O}$ single crystals 8-64270
- Jain, V.K., Venkateswarlu, P.** Electron paramagnetic resonance of Mn^{2+} doped in alkali trihydrogen selenite single crystals 8-72396
- Jain, V.K., Venkateswarlu, P.** EPR of Mn^{2+} in $\text{MgSeO}_4 \cdot 6\text{H}_2\text{O}$ single crystals 8-79628
- Jain, V.K.** *see* Mack, G.A. 8-73241
- Jain, V.K.** *see* Sakuntala, M. 8-83541
- Jain, V.Kumar** *see* Kumar Jain, V.
- Jain, Y.S.** Infrared spectra of $(\text{NH}_4)_2\text{BeF}_4$ 8-88299
- Jain Anil** *see* Anil Jain
- Jain Vimal Kumar** *see* Vimal Kumar Jain
- Jakate, S.M.** Photoelectric photometry of AC Andromedae 8-93260
- Jakeman, E., Parry, G., Pike, E.R., Pusey, P.N.** The twinkling of stars 8-53726
- Jakeways, R.** *see* Clements, J. 8-76689
- Jaki, S.L.** A forgotten bicentenary: Johann Georg Soldner 8-81787
- Jakimavicius, I.A.** *see* Purlys, R.P. 8-83895
- Jakimik, J.** *see* Cole, R.A. 8-92635
- Jakimow, G.** *see* Kalman, C.S. 8-54615
- Jakins, G.A.** *see* Dean, R.H. 8-76351
- Jaklevic, J.M.** *see* Kirby, J.A. 8-66595
- Jaklevic, R.C.** Inelastic electron tunneling spectroscopy (IETS)—past and future 8-90255
- Jaklevic, R.C., Gaertner, M.R.** Inelastic electron tunneling spectroscopy. Experiments on external doping of tunnel junctions by an infusion technique 8-90251
- Jakli, G., Tzias, P., Van Hook, W.A.** Vapor pressure isotope effects in the benzene(B)-cyclohexane (C) system from 5 to 80°C. I. The pure liquids B-d₀, B-d₁, ortho-, meta and para-B-d₂, B-d₃, C-d₀, and C-d₁. II. Excess free energies and isotope effects on excess free energies in the solutions B-h/B-d₀, C-H₂/C-d₁, B-bi/C-h₁, B-d/C-h₁, and B-h/C-d₁ 8-59939
- Jaklovsky, J.J., Aldica, G.V.** Measurement of Seebeck coefficient in the temperature range of 300 to 530K 8-91677
- Jakob, H.P.** *see* Borie, E. 8-93906
- Jakobeit, W.** *see* Ewald, I. 8-60837
- Jakobsen, R.J.** *see* Gendreau, R.M. 8-68945
- Jakobsson, A.** *see* Borda, J. 8-72545
- Jakobsson, B.** On the observation of two-proton azimuthal angle correlations in 2 GeV/nucleon heavy ion interactions 8-62572
- Jakobsson, B., Kullberg, R., Otterlund, I., Ruiz, A., Bolta, J.M., Higon, E.** Multiplicity distributions of charged pions in 2 GeV/nucleon heavy-ion reactions 8-66297
- Jakobsson, B., Stenlund, E.** Corrections for target absorption of charged particles in wire loaded nuclear emulsions 8-70695

- Jakobsson, E.** A fully coupled transient excited state model for the sodium channel. I. Conductance in the voltage clamped case 8-85297
- Jakobsson, T.** see Bhatnagar, V.P. 8-57244, 8-88876
- Jakobus, T.** see Steckl, A.J. 8-52075
- Jakubasch, H.** Linear digital electronic thermometer 8-93684
- Jakubetz, W.** On experimental vibrational product distributions in the $H+F_2$ reaction 8-92448
- Jakubetz, W.** see Connor, J.N.L. 8-58774, 8-64829
- Jakubiak, S.,** Porebski, W., Pieniadz, J. Digital pressure measurements. Testing stand for resilient pressure-sensitive elements 8-93719
- Jakubovics, J.P.** Application of the analytic representation of Bloch walls in thin ferromagnetic films to calculations of changes of wall structure with increasing anisotropy 8-88151
- Jakubovics, J.P.,** Lapworth, A.J., Jolly, T.W. Electron microscope studies of ferromagnetic ordered structures 8-64214
- Jakubowski, B.,** Rohleder, J.W. Thermal expansion of thiourea in the range of phase transition 8-76407
- Jakubowski, J.L.** Supplement to the article: Principles of calculation of the magnetic component of the voltage induced by a lightning 8-73419
- Jakubowski, P.** see Kraeft, W.D. 8-91627
- Jakubowski, W.** see Krok, F. 8-76377
- Jakus, K.,** Coyne, D.C., Fitter, J.E., Jr. Analysis of fatigue data for lifetime predictions for ceramic materials 8-95870
- Jakus, K.,** Ritter, J.E., Jr. Static fatigue of Si_3N_4 8-76732
- Jakus, K.** see Ritter, J.E., Jr. 8-79273
- Jakushevich, L.V.** see Fedyanin, V.K. 8-91622
- Jalilian, M.-R.** see Crowder, G.A. 8-90168, 8-90173
- Jalink, H.L.** see Enthoven, N.L.M. 8-87323
- Jallade, M.** see Delpuyroux, P. 8-66349
- Jalowyski, A.A.** see Lewis, S.M. 8-92665
- Jamba, D.M.** Secondary particle collection in ion implantation dose measurement 8-67731
- Jambon, A.,** Carron, J.-P. Experimental study of cationic diffusion in a basaltic glass: Alkali and alkali-earth elements 8-95180
- Jambon, A.,** Semet, M.P. Lithium diffusion in silicate glasses of albite, orthoclase, and obsidian composition: an ion-microprobe determination 8-53649
- Jambroes, G.** see de Graaf, C.N. 8-80958
- Jameel, H.** see Manzione, L. 8-76482
- James, A.** see Lewis, P.T. 8-90594
- James, A. (editor)** Mathematical models in water pollution control 8-73418
- James, A.C.** Biological work with industrial actinide dusts 8-65137
- James, A.N.** see Al-Naser, A.M. 8-93960
- James, B.W.,** Simpson, S.W. The viscous dynamics of a rotating plasma 8-91082
- James, B.W.** see Morton, N. 8-51963
- James, B.W.** see Walsh, C.J. 8-75436
- James, D.D.** see Joudi, K.A. 8-90688
- James, D.J.,** Nilson, J.A., Pasternak, A.W., Tan, K.O. Multiatomospheric UV-preionized CO_2 lasers 8-50805
- James, D.R.,** Fletcher, N.R. Excitation functions and Legendre analysis for the $^{12}C(^{12}C, ^8Be)^{16}O(g.s.)$ reaction 8-78347
- James, D.R.** see Sundberg, D.C. 8-88632
- James, D.W.,** Frost, R.L. Structure of aqueous solutions. Infrared librational band study of structure making and structure breaking by dissolved electrolytes 8-56476
- James, D.W.,** Frost, R.L. Raman lineshapes and solvent-solute interactions 8-76448
- James, D.W.,** Parry, R.M., Leong, W.H. Polymorphism in zinc chloride—A Raman spectral study 8-80332
- James, E.** see Lehmann, H.W. 8-92191
- James, H.** see Bell, C.M.J. 8-61247
- James, H.** see Marteau, C. 8-85148, 8-85149
- James, H.G.** Wave propagation experiments at medium frequencies between two ionospheric satellites. I. General results 8-69604
- James, J.G.** Wave propagation experiments at medium frequencies between two ionospheric satellites. II. Whistler-mode pulses 8-69605
- James, M.,** Cohen, J.B. 'PARS'—a portable X-ray analyzer for residual stresses 8-53058
- James, M.R.** see Sleswyk, A.W. 8-84892
- James, P.B.** Checking out diver health 8-85351
- James, P.B.** see Myers, G.D. 8-82837
- James, P.F.,** Scott, B., Armstrong, P. Kinetics of crystal nucleation in lithium disilicate glass. A comparison between melts prepared in platinum and silica crucibles and between melts prepared from ordinary and high purity starting materials 8-88440
- James, P.F.** see Isard, J.O. 8-83742
- James, P.J.** see Saunders, M.J. 8-81005
- James, P.K.,** Browning, K.A., Gunawardana, R., Edwards, J.A. A case of line convection observed by radar using a high resolution colour display 8-88894
- James, P.W.** see Whalley, P.B. 8-94090
- Jameson, A.** see Ballhaus, W.F. 8-94759
- Jameson, A.K.,** Moyer, J.W., Jameson, C.J. Variation of chemical shielding with intermolecular interaction and rovibrational motion. IV. ^{11}B and ^{13}C nuclei in BF_3 and CH_4 8-58722
- Jameson, A.K.** see Jameson, C.J. 8-58720, 8-58721, 8-66563, 8-82752, 8-86888
- Jameson, A.K.** see Jamesons, C.J. 8-94258
- Jameson, C.J.,** Jameson, A.K. Effect of centrifugal distortion and anharmonic vibration on the chemical shielding of ^{31}P in PH_3 and PD_3 8-82752
- Jameson, C.J.,** Jameson, A.K., Parker, H. Variation of chemical shielding with intermolecular interactions and rovibrational motion. III. ^{31}P nucleus in PH_3 8-58721
- Jameson, C.J.,** Jameson, A.K., Parker, H. Second virial coefficient of ^{129}Xe chemical shielding in Xe interacting with CO and N_2 molecules 8-66563
- Jameson, C.J.,** Jameson, A.K., Parker, H., Cohen, S.M., Chun-Luan Lee. Variation of chemical shielding with intermolecular interactions and rovibrational motion. II. ^{15}N and ^{13}C nuclei in NNO and CO_2 8-58720
- Jameson, C.J.,** Parker, H., Jameson, A.K. Temperature dependence of the chemical shielding of ^{19}F nuclei in isolated CF_3H , CF_3Cl , CF_3Br , and CF_3CF_3 molecules 8-86888
- Jameson, C.J.** see Jameson, A.K. 8-58722
- Jameson, D.M.,** Weber, G., Spencer, R.D., Mitchell, G. Fluorescence polarization: measurements with a photon-counting photometer 8-54423
- Jameson, R.F.** see Hough, J.H. 8-96534
- Jameson, R.F.** see Watson, M.G. 8-93275
- Jamesons, C.J.,** Jameson, A.K. Effect of centrifugal distortion and anharmonic vibration on the ^{19}F chemical shielding in CH_3F 8-94258
- Jamet, J.P.,** Malozemoff, A.P. Microwave magnetic resonance in amorphous GdAl films 8-91948
- Jamet, J.-P.** see Egbert, W.C. 8-68255
- Jamieson, A.M.** see McDonnell, M.E. 8-52519
- Jamieson, D.T.,** Cartwright, G. Thermal conductivity of silicone oils 8-51752
- Jamieson, D.T.,** Cartwright, G. Properties of binary liquid mixtures: heat capacity 8-63862
- Jamieson, D.T.,** Cartwright, G. Thermal conductivity of alkyl ethers 8-63885
- Jamieson, J.C.** see Jorgensen, J.D. 8-55948
- Jamieson, J.C.** see Schiferl, D. 8-54387
- Jamieson, J.M.,** Eichholz, G.G. Analysis of fissile materials by cyclic activation of delayed neutrons 8-53296
- Jamieson, M.J.** see Aldeen, I.H.K. 8-90227
- Jaminon, M.** see Beckers, J. 8-93816
- Jamison, K.A.,** Newcomb, J., Hall, J.M., Schmiedekamp, C., Richard, P. Polarization of a two-electron, one-photon K X-ray transition 8-94209
- Jamison, K.A.,** Richard, P., Hopkins, F., Matthews, D.L. Nonstatistical population of magnetic substates of the $(1s^{-1}2p^{-1})^1P_1$ state in Al 8-62894
- Jamison, S.A.,** Nurmikko, A.V. High-intensity infrared transmission limit in $Hg_{1-x}Cd_xTe$ 8-79074
- Jamison, W.E.,** Kauzlarich, J.J., Mondy, R.E. Lubricant supply characteristics of a microporous polymer 8-64711
- Jammet, H.P.** Problems associated with the organization and planning of medical aid for radiation accident casualties 8-53528
- Jan, G.J.** see Chuang, S.Y. 8-84678
- Jan, J.-P.** see Dunsworth, A.E. 8-75984
- Jan, N.,** Glazer, A.M. Kadanoff's approximate renormalization group transformation applied to the triangular Ising lattice 8-49776
- Jana, R.N.,** Datta, N. Hall effects on hydromagnetic flow over an impulsively started porous plate 8-51246
- Janacek, J.** see Cherkasov, A.N. 8-95000
- Janai, M.,** Riess, I., Rudman, P.S. Substrate dependence of photooxidation of amorphous As_2S_3 thin films 8-64866
- Janak, F.** see Hrouda, F. 8-81149
- Janak, J.F.** Local-density theory for 3d and 4d transition metals. [Mechanical and magnetic properties] 8-91630
- Janardhanam, K.** see Lakshman, S.V. 8-92087
- Janas, M.,** Gzielo, A., Garncarek, S. Activity of components in the system $CaO-SiO_2-Al_2O_3$ at a temperature 1873K 8-52775
- Janata, F.** see Ackermann, H. 8-66126
- Janata, F.** see Berger, Ch. 8-62412
- Janca, J.,** Ambroz, L., Navratil, K., Jursa, J., Majer, J. Thin organosilicon (OMTS) films formed by plasma polymerization process in RF discharge 8-80479
- Janca, J.,** Kattan, N.Me.El., Talsky, A. Electron and ion density enhancement in short lived nitrogen afterglow 8-63625
- Janca, J.,** Talsky, A. Microwave quenching of neon atomic spectral lines in pulse excited negative afterglow 8-63591
- Jancarik, J.,** Snowden, P.T. Anisotropy of electrons in a turbulently heated plasma 8-59682
- Jancel, R.** Collisional contributions to the non-linear current density of a turbulent plasma 8-63567
- Jancso, G.,** Bopp, P., Heinzinger, K. Ionic hydration in alkali halide solutions 8-92501
- Jancso, G.,** Van Hook, W.A. The excess thermodynamic properties of solutions of isotopic isomers, one in the other 8-53245
- Jancso, G.,** Van Hook, W.A. The effect of condensation on vibrational anharmonicity as determined by the vapor pressure isotope effect 8-58657
- Jancso, G.,** Van Hook, W.A. Vapor pressure isotope effects in benzene-cyclohexane systems. III. Theoretical analysis 8-59940
- Jancso, G.** see Albrow, M.G. 8-58214
- Jancso, G.** see Dombeck, T. 8-82255
- Jandl, S.,** Perluzzo, G. Mobility of electrons in SnS_{Se} single crystals 8-80004
- Jandl, S.** see Harbec, J.Y. 8-91693
- Janecek, J.J.,** Wirtz, G.P. Ternary compounds in the system $La-Co-O$ 8-79580
- Janecka-Styrcz, K.,** Lipinski, J., Ruziewicz, Z. Electronic spectra in Shpol'skii-type hydrocarbon matrices, fluorescence properties and electronic structure of sym-tribenzotrihydro [12] annulene 8-66589
- Janecke, J.** see Becchetti, F.D. 8-89897
- Janek, D.L.,** Bodnar, R.E., Taylor, A.L. Europium barium titanate. A magnetic ferroelectric compound 8-68230
- Janeschitz-Kriegl, H.** see de Cindio, B. 8-63457
- Janev, R.K.,** Radulovic, Z.M. Ion-ion recombination and ion-pair formation processes in alkali-hydrogen diatomic systems 8-58779
- Janev, R.K.** see Grozdanov, T.P. 8-58776, 8-58813
- Jang, S.** see Brut, F. 8-86472, 8-89796
- Jang Pong Soo** see Pong Soo Jang
- Jangg, G.** see Lowschenko, F. 8-64509
- Janiak, D.** see Blauer, J.A. 8-63115
- Janic, I.** see Kawski, A. 8-90179
- Janica-Le-La-Torre, R.** see Chela-Flores, J. 8-78063
- Janik, J.A.** Neutron studies of reorientations in molecular systems 8-63640
- Janik, R.** see Morelli, L. 8-60249
- Janikowski, H.E.,** Ward, J., Probert, S.D. Free convection in vertical, air-filled rectangular cavities fitted with baffles 8-94702
- Janis, A.L.** see Grunbaum, A. 8-54108
- Janis, W.J.,** Kaijser, P., Smith, V.H., Jr., Whangbo, M.-H. Directional Compton profiles, the $J(0)$ surface, and scattering factors for benzene 8-62857
- Janjic, J.D.,** Conkic, Y.U., Pesic, D.S., Kepa, R., Rytel, M. The Herzberg system of $^{12}C^{18}O$ molecule 8-90185
- Jank, K.** see Demeester, M. 8-85433
- Jank, W.,** Bell, F., Weber, K.-H. The impact parameter dependence of carbon K-shell ionization by proton and helium impact 8-62891
- Janke, M.,** Hosemann, R. The problem of real paracrystals 8-75591
- Janke, S.** see Boehm, R. 8-80915
- Janiewicz, Z.** see Badziak, J. 8-63150
- Janko, A.** see Pelyashek, E. 8-59950
- Jankowski, D.F.** see Truman, C.R. 8-94802
- Jankowski, H.** see Stobiecki, T. 8-76169
- Jankowski, J.** Automatizing small weight measurements 8-70099
- Jankowski, K.,** Rutkowska, D., Rutkowski, A. An investigation of the reliability of the Galerkin-Petrov method. III. Excited states and nonlinear parameters 8-78619
- Jankowski, W.** see Buhler, H. 8-72793, 8-72794
- Janna, W.S.,** John, J.E.A. A collection device for capturing a spray sample 8-57920
- Jannelli, S.** see Arena, N. 8-82357
- Janney, D.H.** see Matuska, W., Jr. 8-81556
- Janney, R.,** Hesselbom, H., Tove, P.A. Computer calculations of the photoresponse of a diffused silicon pn-junction using the Gummel-de-Mari algorithm 8-56221
- Jannin, M.** Automatic measurements of abnormal noise in dielectrics not in equilibrium 8-74029
- Jannsen, K.-U.** see Ries, K. 8-60927
- Jannussis, A.,** Patargias, N., Brodimas, G. New creation and annihilation operators in phase space 8-73871
- Jannussis, A.,** Streclas, A., Patargias, N., Sourias, D., Vlachos, K. Ordering of the exponential of quadratic forms in boson operators and some applications 8-77800
- Jannussis, A.D.,** Papatheou, V., Tsilimigras, P. The motion of an electron in one-dimensional periodic potential under the influence of uniform electric and magnetic fields 8-75972

- Janocko, M.A.**, Murphy, J.H., Eckels, P.W., Litz, D.C., Heyne, C.J. Conductor design for low-loss superconducting energy storage coils 8-62639
- Janocko, M.A.** *see* Mullan, E. 8-54924
- Janos, S.** A symmetrical scattering of electrons in metals 8-79986
- Janos, S.**, Feher, A., Reiffers, M., Konc, M., Dusa, O. Electrical and magnetic properties of amorphous NiCoP alloys 8-95281
- Janoschek, R.**, Hayd, A., Weidemann, E.G., Leuchs, M., Zundel, G. Calculated and observed isotope effects with easily polarizable hydrogen and deuterium bonds 8-94231
- Janoschek, R.**, Lee, H.U. Ab initio and pseudo-potential energy curves for NaK 8-90068
- Janosi, A.** Counting strategy with monitoring system 8-50444
- Janossy, A.** *see* Holczer, K. 8-60115, 8-60116, 8-79985
- Janossy, I.** Preliminary experiment on the shear flow of cholesterics 8-94982
- Janossy, I.**, Bata, L. Study of elastic properties near a nematic-smectic A transition 8-59756
- Janossy, L.**, Kiraly, P., Werner, A. Penetration through and reflection on two thin potential barriers 8-65793
- Janossy, L.**, Yourgrau, W., van der Merwe, A.J. On the dimensionality of physical space 8-93515
- Janossy, L.**, Ziegler-Naray, M. Wave mechanics and the photon. III. Formulation of the simultaneous equations 8-66481
- Janossy, L.**, Ziegler-Naray, M. Wave mechanics and the photon. IV 8-86794
- Janot, C.** *see* Rodmacq, B. 8-95489
- Janot, C.** *see* Williams, J.M. 8-92696
- Janot, Chr.** *see* Mangin, Ph. 8-95478
- Janow, R.**, Tzoar, N. Calculation of energy spectra for ESD of H⁺ from H₂ adsorbed on tungsten 8-79892
- Jansen, A.G.M.**, Mueller, F.M., Wyder, P. Normal metallic point contacts 8-68074
- Jansen, A.K.** *see* Van den Brekel, C.H.J. 8-60040
- Jansen, B.H.**, Hasman, A., Li Visser, S. Usefulness of autoregressive models to classify EEG segments 8-80989
- Jansen, J.**, Zeigner, V.L. Design of the power amplifier for the HEGLF at LASL 8-54958
- Jansen, J.**, Zichy, J., Albanese, J.P., Arvieux, J., Bolger, J., Boschitz, E., Ingram, C.H.Q., Pflug, L. A comparison of π^+ and π^- scattering from ¹⁶O and ¹⁸O at the (3,3) resonance 8-86552
- Jansen, J.** *see* Albanese, J.P. 8-54802
- Jansen, J.** *see* Binon, F. 8-54804, 8-82582
- Jansen, J.** *see* Lunke, C. 8-94035
- Jansen, J.** *see* Stark, E.E., Jr. 8-50817
- Jansen, K.** *see* Urban, P. 8-52347
- Jansen, L.** P.-O. Lowdin's scientific and other activities 8-62023
- Jansen, L.** *see* ter Maten, G. 8-91860
- Jansen, T.C.**, Lafeber, H.N., Visser, H.K.A., Kwant, G., Oeseburg, B., Zijlstra, W.G. Construction and performance of a new catheter-tip oxygen electrode 8-81003
- Jansen-Falkenburg, I.A.**, Van Gemert, W.J.Th., Stevels, J.M. Mechanical relaxation in vitreous borates in the transition range 8-80575
- Janson, J.** A continuous damage approach to the fatigue process 8-90780
- Janssen, A.P.** *see* Hartig, K. 8-63956
- Janssen, A.P.** *see* Venables, J.A. 8-83699
- Janssen, E.M.W.** The pseudo-binary phase diagram AgI-AuI 8-76637
- Janssen, H.J.**, Flerackers, E.L.M., Pouls, J.A. An approach to special relativity. II 8-81835
- Janssen, H.K.** *see* Dohm, V. 8-68247
- Janssen, J.** *see* Delaev, L. 8-76744
- Janssen, J.H.** *see* Van Den Enk, J.E. 8-88690
- Janssen, L.A.M.**, Hoogendoorn, C.J. Laminar convective heat transfer in helical coiled tubes 8-94678
- Janssen, M.A.** *see* Gulkis, S. 8-53870
- Janssen, P.** Non-ideal MHD equations with application to the stability of a rotating plasma column 8-59592
- Janssen, P.A.E.M.** Low-frequency oscillations in a rotating plasma column with a fictitious wall 8-71481
- Janssen-van Rosamalen, R.**, Van der Linden, W.H., Dobbinga, E., Visser, D. The influence of the hydrodynamic environment on the growth and the formation of liquid inclusions in large potassium dihydrogen phosphate (KDP) crystals 8-64455
- Janssens, F.** On the relations of beats within tempered triads 8-79172
- Janssens, G.** *see* van Hecke, P. 8-56396
- Janssens, M.-J.** *see* Palme, H. 8-57208
- Janssens, M.-J.** *see* Takahashi, H. 8-69756
- Jansson, B.**, Melander, A. On the critical resolved shear stress from misfitting particles 8-79613
- Jansson, B.**, Sjöblom, C.-A. The rheological properties of AgI and Li₂SO₄ solid electrolytes. I 8-79660
- Jansson, J.-F.**, Yannas, I.V. Infrared dichroism of glassy polycarbonate at small strains 8-56475
- Janszky, J.** On a dynamic effect in the collective motion of dislocations 8-79632
- Janta, J.**, Ctyroky, J. On the accuracy of WKB analysis of TE and TM modes in planar graded-index waveguides 8-50925
- Jantsch, W.** *see* Bauer, G. 8-79720
- Jantzen, R.T.** Tensor harmonics on the 3-sphere 8-57813
- Janus, A.R.**, Dyal, L., III Progress report on surface acoustic wave device MMT-II 8-59206
- Januskevicius, Z.V.** *see* Martinaitis, A.V. 8-64043
- Janzen, P.**, Astill, C.J. Development of nuclear quality high pressure valve bellows in Canada 8-82490
- Janzen, P.**, Gentili, H. Evaluation of the performance of bellows for nuclear valves 8-58348
- Jao, T.-C.**, Torres, R., Steele, D. Infrared spectrum of benzene in bromine and carbon tetrachloride solutions 8-70828
- Jaonnopoulos, J.D.**, Mele, E.J. Extrinsic surface states for oxygen chemisorbed on the GaAs (110) surface 8-91535
- Jaoudi, E.** *see* Wieder, S. 8-86067
- Jaque, F.** *see* Aguilar, M. 8-80399
- Jaque, F.** *see* Cusso, F. 8-59833
- Jaque, F.** *see* Pascual, J.L. 8-95604
- Jarallah, M.I.A.I.** *see* Al Jarallah, M.I.
- Jaramillo, L.** *see* Driscoll, J.N. 8-92561
- Jarasunas, K.**, Gerritsen, H.J. Ambipolar diffusion measurements in semiconductors using nonlinear transient gratings 8-80000
- Jarczyk, L.**, Okolowicz, J., Strzalkowski, A., Witala, H., Zipper, W., Lang, J., Muller, R., Ungricht, E., Unternahrer, J. Localization of various reaction processes for weakly bound heavy projectiles 8-78353
- Jarczyk, L.** *see* Bodek, K. 8-62547
- Jardetzky, O.** *see* Gassner, M. 8-78729
- Jardinier-Offergeld, M.** *see* Laudet, A. 8-75932
- Jardino, M.** *see* Audoin, C. 8-89455
- Jared, R.C.**, Glassel, P., Hunter, J.B., Moretto, L.G. A simple position-sensitive parallel-plate avalanche detector with 2-dimensional readout 8-55102
- Jared, R.C.** *see* Cauvin, B. 8-70554
- Jared, R.C.** *see* Wozniak, G.J. 8-62585
- Jarie, M.V.**, Birman, J.L. Renormalization-group theory of structural phase transitions in A-15 compounds 8-79743
- Jarjis, R.A.** On the determination of fluorine concentration profiles in magnesium alloy scales using the ¹⁹F(p, α)¹⁶O reaction 8-88678
- Jarlberg, T.** *see* Arbman, G. 8-79925
- Jarlberg, T.** *see* Freeman, A.J. 8-52140
- Jarlskog, G.** *see* Enriquez, O. 8-82195
- Jarlskog, G.** *see* Albro, M.G. 8-58214
- Jarmillo, J.I.** *see* Paez, R. 8-68358
- Jarocci, E.** *see* Battistoni, G. 8-70691
- Jaron, D.** *see* Martin, P.J. 8-81075
- Jaroniec, M.** Current state and perspectives of developments in the theory of mixed-gas adsorption on solid surfaces 8-75942
- Jaroniec, M.** General formulation of kinetics of mixed-gas adsorption on heterogeneous solid surfaces 8-95231
- Jaroniec, M.**, Narkiewicz, J., Rudzinski, W. Adsorption of gas mixtures on heterogeneous surfaces. Analysis of experimental data measured at constant mole fractions of components in gas phase 8-60030
- Jaroniec, M.**, Patrykiewicz, A. On the exponential adsorption isotherm 8-87864
- Jaroniec, M.** *see* Lajtar, L. 8-72004
- Jaroniec, M.** *see* Patrykiewicz, A. 8-79877, 8-91550, 8-91551
- Jaros, J.A.**, Abrams, G.S., Alam, M.S., Barbaro-Galtieri, A., Boyarski, A.M., Breidenbach, M., Chinowsky, W., Dorfan, J.M., Ely, R., Feldman, G.J., Feller, J.M., Fong, A., Gobbi, B., Goldhaber, G., Hanson, G., Johnson, A.D., Kadyk, J.A., Kwan, B.F., Lecomte, P., Litke, A., Luke, D., Luth, V., Madaras, R.J., Martin, J.F., Miller, D.H., Nguyen, H.K., Parker, S.I., Paterson, J.M., Perl, M.L., Peruzzi, I., Piccolo, M., Pun, T.P., Rapidis, P.A., Ronan, M.T., Ross, R.R., Scharre, L., Schwitters, R.F., Tanenbaum, W., Tripp, T.G., Trilling, G.H., Vuillemin, V., Yount, D.E. Observation of $\mu\pi\pi$ events in e^+e^- annihilation 8-50042
- Jaros, J.A.** *see* Feller, J.M. 8-66136
- Jaros, J.A.** *see* Heile, F.B. 8-74238
- Jaros, J.A.** *see* Himel, T. 8-78157
- Jaros, J.A.** *see* Peruzzi, I. 8-74252
- Jaros, J.A.** *see* Scharre, D.L. 8-89723
- Jaros, J.A.** *see* Tanenbaum, W. 8-66113
- Jaros, J.A.** *see* Vuillemin, V. 8-93876
- Jarosch, H.S.** The use of surface reflections in lunar seismograms 8-65504
- Jarosewich, E.** *see* Gomes, C.B. 8-65554, 8-81594, 8-93171
- Jarsova, P.** *see* Vrba, P. 8-83580
- Jaroszy, B.** *see* Krok, F. 8-76377
- Jaroszy, J.**, Mermet, J.M., Robin, J.P. A spectrometric study of a 40-MHz inductively coupled plasma. III. Temperatures and electron number density 8-67417
- Jaroszy, K.** *see* Mikolajewicz, A. 8-52751
- Jarrett, S.R.** *see* Truong, X.T. 8-77077
- Jarry, J.P.**, Monnerie, L. Orientation and molecular dynamics in uniaxial polymers. I. Theory of fluorescence polarization 8-76516
- Jarry, J.P.**, Sergot, P., Pambrun, C., Monnerie, L. A fluorescence polarisation apparatus for the simultaneous measurement of orientation and mobility in uniaxial media 8-86320
- Jarvie, J.A.** *see* Hall, D. 8-95011
- Jarvinen, M.** *see* Merisalo, M. 8-51624
- Jarvis, J.L.** *see* Palmer, R.S.J. 8-56688
- Jarvis, O.N.**, Sherwood, A.C., Whitehead, C., Lucas, M.W. The ionization energy for 160 MeV alpha-particles channelled in silicon 8-62680
- Jarvis, O.N.**, Sherwood, A.C., Whitehead, C., Lucas, M.W. The stopping power for fast channelled alpha particles in germanium 8-79654
- Jarvis, P.D.** *see* Barnes, K.J. 8-58135
- Jarvis, S.**, Jr. *see* Allan, D.W. 8-57912
- Jarvis, S.**, Jr. *see* Garvey, R.M. 8-89596
- Jary, P.** *see* Blanchard, P. 8-72791
- Jarza, A.** *see* Elsner, J.W. 8-90909
- Jarzynski, J.**, Flax, L. Penetration into a sand sediment of difference-frequency sound generated by a parametric array 8-63227
- Jaschek, C.** *see* Barbier, R. 8-65602
- Jaschek, C.** *see* Cucchiaro, A. 8-69794
- Jaschek, M.** *see* Barbier, R. 8-65602
- Jaschek, M.** *see* Cucchiaro, A. 8-69794
- Jasicek, H.** *see* Faber, M. 8-82276
- Jasicek, H.** *see* Guyer, H. 8-70449
- Jasicek, H.** *see* Lewandowski, Z. 8-70518
- Jasienski, Z.** *see* Krupkowski, A. 8-56652
- Jasienski, Z.** *see* Wierzbowski, K. 8-84891
- Jasinski, A.**, Morris, P.G., Mansfield, P. ¹⁹F multipulse NMR study of some amphiphilic liquid crystals 8-76328
- Jaske, C.E.**, Buchheit, R.D. Influence of selenium and tellurium on the fatigue of low-carbon steel 8-92359
- Jaske, C.E.**, O'Donnell, W.J. Fatigue design criteria for pressure vessel alloys 8-60758
- Jaskola, M.** *see* Chlebowski, D. 8-89791
- Jaskulski, J.** Thermometric AC bridge 8-93683
- Jasnaw, D.**, Rudnick, J. Interfacial profile in three dimensions 8-83911
- Jasnaw, D.** *see* Banavar, J.R. 8-70052
- Jasnaw, D.** *see* Rudnick, J. 8-51641
- Jasny, J.** Multifunctional spectrofluorimetric system 8-80811
- Jason, A.C.** *see* Richards, J.C.S. 8-61288
- Jasper, J.** *see* Chu, E. 8-67386
- Jaspers, M.** *see* Beckers, J. 8-86150
- Jasby, D.L.** Small-aspect-ratio, small-major-radius Tokamak reactors 8-79452
- Jasby, D.L.**, Towner, H.H., Goldston, R.J. Reduced fusion-neutron production in non-axisymmetric Tokamak devices 8-63577
- Jasby, D.L.** *see* Bromberg, L. 8-50401
- Jasby, D.L.** *see* Cohn, D.R. 8-58417, 8-78494
- Jasby, D.L.** *see* Goldston, R.J. 8-62643
- Jasby, D.L.** *see* Strachan, J.D. 8-63588
- Jasselette, P.** *see* Delville, A. 8-86053
- Jastrzebski, J.J.** *see* Castaneda, C.M. 8-86545
- Jastrzebski, Z.D.** The nature and properties of engineering materials, 2nd edition 8-72707
- Jaswal, S.S.** Lattice dynamics of non-metallic solids: III-V and IV-IV compounds 8-59887
- Jaswal, S.S.** Deformable-ion model and lattice dynamics of II-VI compounds: ZnS 8-91396
- Jaszay, T.** *see* Bakay, A. 8-94793
- Jatar, S.**, Rastogi, A.C., Bhide, V.G. Photoelectric properties of pure and aluminium doped CdS films 8-60162
- Jatem, A.** *see* Marschoff, C.M. 8-60981
- Jauch, J.M.** The quantum probability calculus 8-54236
- Jauch, J.M.** *see* Amrein, W.O. 8-49573
- Jauch, R.** *see* Schumacher, W. 8-52195
- Jauhari, N.P.** *see* Gopala Rao, U.V. 8-81434
- Jaulmes, S.** Oxysulphide of gallium and lanthanum LaGaOS₂ 8-79575
- Jaumotte, A.L.**, Nagel, P.P. Predetermination of the relative error on the flow coefficient of orifice meters in nonstandard approach conditions 8-79398
- Jaun, H.** *see* Glenn, L.A. 8-60741
- Jauncey, D.** *see* Dennison, B. 8-53818
- Jauncey, D.L.**, Wright, A.E., Peterson, B.A., Condon, J.J. PKS 2126-15: A bright quasi-stellar object with neutral color and a redshift of 3.27 8-93450
- Jauncey, D.L.** *see* Batty, M.J. 8-69692
- Jauncey, D.L.** *see* Peterson, B.A. 8-65710
- Jauneau, L.** Historical introduction from beta radioactivity to the V-A hypothesis 8-78133
- Jauneau, L.** Leptonic interactions 8-78161
- Jaunet, G.**, Marioge, J.P. Measurement of the tilt of defective surfaces in a multi-element lens 8-66886
- Jaussaud, P.C.** *see* Chartier, G.H. 8-50916

- Javal, Y. *de see* de Javal, Y.
 Javan, A. *see* Gibson, R.B. 8-63130
 Javan, A. *see* Herman, I.P. 8-55188
 Javanainen, J. *see* Stenholm, S. 8-55327
 Javel, E., Geisler, C.D., Ravindran, A. Two-tone suppression in auditory nerve of the cat: Rate-intensity and temporal analyses 8-61194
 Javeri, V. Laminar heat transfer in a rectangular channel for the temperature boundary condition of the third kind 8-87341
 Javeri, V. Magneto-hydrodynamic heat transfer in a circular duct for temperature boundary condition of the third kind 8-87342
 Javet, P. *see* Nguyen Trong Thinh 8-73049
 Jawad, K.I., Smith, M.J.A. Electrolytic coloration of KF, NaF and LiF containing mercury 8-75665
 Jawad, S. Abdul *see* Abdul Jawad, S.
 Jawad Ali, A. Comparative study between recent sediments of Euphrates and Tigris rivers and ancient sediments of old red sandstones (Midland valley of Scotland) 8-81160
 Jawalekar, S.R. *see* Rao, M.K. 8-76382
 Jaworski, M., Checinski, K., Bujnowski, W., Porowski, S. High-pressure EPR cavity 8-54419
 Jay, P.R. *see* Tuck, B. 8-75884
 Jay Meyer, R. Surface modes in plastic crystals: Methane 8-71926
 Jayakumar, R., Chakravarty, D.P., Rohatgi, V.K. Directional RF probe for measurement of conductivity of flowing plasmas 8-51353
 Jayaprakash, C. *see* Wortis, M. 8-68244
 Jayaram, K., Kalasek, V.K.I., Vossen, J.W.G.L. Comparative measurement of voltage gradient in an air blast circuit breaker during the high current phase 8-87527
 JayaRam, K., Kane, E.L. Copper vapour studies in a wall stabilized arc 8-74548
 Jayaraman, A., Maines, R.G., Bucher, E. Pressure-induced valence instability in Sm_2Bi_3 8-95317
 Jayaraman, J., Rao, K.P. Thermal stresses in a spherical shell with a conical nozzle 8-79204
 Jayaraman, V., Roy, S.K.D. Saturation magnetization and perpendicular anisotropy of electrodeposited nickel and cobalt films 8-76277
 Jayasinghe, N.R. Devonian alkalic basalt dikes of northeastern Newfoundland: evidence of a tensional environment 8-88826
 Jayatilaka, A. de S., Jenkins, I.J., Prasad, S.V. Determination of crack growth in a mixed mode loading system 8-67105
 Jayet, B., Gaillood, M., Rossetol, P., Bogdanski, M., Jeannot, E., Campbell, C.J., Negus, P.J., Houlden, M.A., Thompson, A.S. Large-angle antiproton-proton elastic scattering between 1.50 and 2.06 GeV/c 8-74270
 Jayet, B., Gaillood, M., Rossetol, P., Vuillemin, V., Vallet, S., Bogdanski, M., Jeannot, E., Campbell, C.J., Dawber, J., Edwards, D.N. The reaction $p\bar{p} \rightarrow \Lambda\bar{\Lambda}$ between 1.50 and 2.06 GeV/c 8-74271
 Jaynes, E.T. *see* O'Donnell, M. 8-83135
 Jazayeri, M. *see* Ravenhall, D.G. 8-57350
 Je Kim Kwang *see* Kwang Je Kim
 Jean, Y.C., Brewer, J., Fleming, D.G., Garner, D.M., Mikula, R.J., Vaz, L.C., Walker, D.C. Reactivity of muonium atoms in aqueous solution 8-80774
 Jean Yan-ching *see* Yan-ching Jean
 Jeandel, D. *see* Cambon, C. 8-90813
 Jeanjean, J. *see* Quenzer, A. 8-70370
 Jeanjean, M. *see* Quenzer, A. 8-70370
 Jeanneret, J.-B. *see* Bogdanski, M. 8-89911
 Jeannot, E. *see* Bogdanski, M. 8-89911
 Jeannot, E. *see* Hamatsu, R. 8-66141
 Jeannot, E. *see* Jayet, B. 8-74270, 8-74271
 Jeannot, F. *see* El Balkhi, A.M. 8-95034
 Jeannot, F. *see* Migeon, H.-N. 8-95051
 Jeannotte, A.C., Il, Marcott, C., Overend, J. Vibrational anharmonicity in CF_4 8-55160
 Jeanpierre, F. *see* Livolant, M. 8-50247
 Jeanrot, P., Landes, D., Boxho, P. Automation of the scanning electron microscope for the quantitative analysis of elementary images 8-78045
 Jebben, D.E., Mitchell, W.E., Jr. The relationship between solar activity and the H and K line cores in integrated sunlight 8-77535
 Jecko, B., Papiernik, A. A new space-time integral equation for two-dimensional transient scattering 8-78861
 Jedju, T. *see* Geschwind, S. 8-80342
 Jedlicka, M. Image converters and amplifiers 8-63185
 Jedlicka, M., Valvoda, V. The macroscopic structure of PbO layers 8-87890
 Jedruch, J., Howland, H.R. Physics of tritium breeding as a geometric programming problem 8-74477
 Jedrzejek, C. *see* Frankowicz, M. 8-57864, 8-81913
 Jedrzejewski, A. *see* Ratajczyk, E. 8-49818
 Jeener, J. Thermodynamic influence of spin-spin energy on cross-relaxation and spin diffusion 8-76343
 Jeenicke, E. *see* Cavaignac, J.F. 8-62527
 Jeevananda Reddy, S., Prakash Rao, G.S. A simple method of forecasting thunderstorms 8-81304
 Jefferies, D.J. *see* Challis, L.J. 8-67779
 Jefferies, D.K. *see* Clappitt, R. 8-65999
 Jeffers, H.M., Vasilevskis, S. Photographic measures of double stars. II 8-57581
 Jeffers, S. *see* Stiff, T. 8-73643
 Jefferson, D.A. The crystal structure of gonophyllite, a complex manganese aluminosilicate. I. Polytypism and structural variation 8-75633
 Jefferson, D.A., Thomas, J.M. High resolution electron microscopic and X-ray studies of non-random disorder in an unusual layered silicate (chloritoid) 8-75511
 Jeffery, E.A. Component minimization of the Bargmann-Wigner wavefunction 8-58105
 Jeffery, J.W. *see* Sarkar, S.L. 8-68952
 Jeffery, J.W. *see* Vincent, M.G. 8-55840
 Jeffery, P.M. *see* Reynolds, J.H. 8-54496
 Jeffrey, A. Nonlinear wave propagation 8-77729
 Jeffrey, J.W. *see* Vincent, M.G. 8-93663
 Jeffrey, K.R. *see* Davis, J.H. 8-68405
 Jeffreys, D.A. *see* Smith, A.T. 8-69051, 8-69056
 Jeffreys, H. Some difficulties in the theory of nutation 8-85510
 Jeffries, J.B. *see* DuBois, R.D. 8-66671
 Jeffries, R.A. *see* Wescott, E.M. 8-77402
 Jefimov, J.V. *see* Savitsky, E.M. 8-95766
 Jehenson, P. *see* Vinche, C. 8-68858
 Jehn, K.H., Zimmermann, K. Spectacular circumhorizontal arc over Austin, Tex 8-77324
 Jeitschko, W. *see* Braun, D.J. 8-75634
 Jeitschko, W. *see* Marchand, R. 8-51502
 Jelen, K. Electron avalanche multiplication in gas mixtures in electric field of cylindrical geometry 8-67557
 Jelenska, M. *see* Kruczyk, J. 8-53614
 Jelley, J.V. *see* Palumbo, G.G.C. 8-69890
 Jellison, G. *see* Koopman, D.K. 8-55751
 Jellison, G.E., Jr., Bishop, S.G. Nuclear spin-lattice relaxation by localised electronic states in an amorphous semiconductor 8-52372
 Jellison, G.E., Jr., Bray, P.J. A structural interpretation of B^{10} and B^{11} NMR spectra in sodium borate glasses 8-80241
 Jellison, G.E., Jr., Feller, S.A., Bray, P.J. A re-examination of the fraction of 4-coordinated boron atoms in the lithium borate glass system 8-94999
 Jen, J. Chemical exchange and NMR T_2 relaxation—The multisite case 8-78727
 Jen Chen Che *see* Che Jen Chen
 Jen Chen Che *see* Ching Jen Chen
 Jen Wang Ke *see* Wang Ke Jen
 Jen-Chang Chou *see* Tsang-Lang Lin 8-61128
 Jen-Shih Chang, Hobson, R.M., Laframboise, J.G., Ogram, G.L. Theory of electron temperature relaxation in an afterglow plasma 8-51280
 Jen-Shih Chang, Ichikawa, Y., Sin-Lin Chen. The electron temperature in a medium pressure flowing positive column plasma with volume recombination 8-87561
 Jena, A.K., Bever, M.B., Banus, M.D. The heats of transformation of the high-pressure orthorhombic modification of indium antimonide 8-56627
 Jena, P. Temperature dependence of electric field gradient and Knight shift in Mg 8-56387
 Jena, P., Geldart, D.J.W. Hyperfine field systematics of nonmagnetic ions in ferromagnetic alloys 8-60093
 Jena, P., Singwi, K.S. Heat of solution of hydrogen in Al and Mg 8-51689
 Jena, P., Singwi, K.S. Electronic structure of hydrogen in simple metals 8-67978
 Jeng, G. *see* Lean, M.H. 8-90347
 Jeng Bor-Shenn *see* Bor-Shenn Jeng
 Jengo, R. *see* Gava, E. 8-93801
 Jenkin, G.T., Stacey, D.W., Crowder, J.G., Hodby, J.W. Electronic transport in alkali halides containing F centres 8-56179
 Jenkin, J.G. *see* Szajman, J. 8-84696
 Jenkins, B.M., Woody, J.A. Cardiac pacemaker responses to power frequency signals 8-88771
 Jenkins, D. *see* Ford, R. 8-54904
 Jenkins, D.J. *see* Burton, R.L. 8-54903
 Jenkins, D.J. *see* Turchi, P.J. 8-54902
 Jenkins, E. *see* Gross, D. 8-70410
 Jenkins, E.B. O VI gas: Circumstellar or interstellar? 8-75528
 Jenkins, E.B. *see* Grewing, M. 8-96524
 Jenkins, H.D.B., Pratt, K.F. Single ion properties by lattice energy minimisation. The perchlorate ion, ClO_4^- 8-83769
 Jenkins, I.J. *see* Jayatilaka, A. de S. 8-67105
 Jenkins, J., Wu, D., Arzbacher, R. Extension of a single-beam algorithm into classification of arrhythmias in context 8-85426
 Jenkins, J.A. *see* Weber, I.T. 8-80830
 Jenkins, J.T. Flows of nematic liquid crystals 8-59531
 Jenkins, K.A. *see* Price, L.E. 8-78209
 Jenkins, L.H. *see* Noonan, J.R. 8-71914
 Jenkins, M.L., English, C.A., Titchmarsh, J.M. Direct observation of the displacement cascades in Cu_2Au produced by fast-neutron irradiation 8-83852
 Jenkins, W.J. *see* Hammer, P.M. 8-88847
 Jenkins, W.J. *see* Rees, C.E. 8-65340
 Jenkinson, D.C. *see* Hobbs, R.M. 8-88622
 Jenkner, H. *see* Maizten, H.M. 8-85950
 Jenn-Wuu Ou *see* Cheng, K.C. 8-75204, 8-90900
 Jenner, D.C. *see* Ford, H.C. 8-93394
 Jenni, P. *see* Clark, A.G. 8-89751, 8-89759
 Jennings, B.R. *see* Morris, V.J. 8-95958
 Jennings, B.R. *see* Ridler, P.J. 8-76523
 Jennings, D.A. *see* Evenson, K.M. 8-81952
 Jennings, D.E. Diode laser spectra of CCl_2F_2 near 10.8 μm ; air-broadening effects 8-61555
 Jennings, D.E. Saturated absorption in NH_3 demonstrated using a tunable diode laser 8-94239
 Jennings, D.E., Hillman, J.J. Shock isolator for diode laser operation on a closed-cycle refrigerator 8-50796
 Jennings, D.E., Hillman, J.J. Active thermal compensator for diode laser stabilization on closed-cycle refrigerators 8-50797
 Jennings, D.E., Hillman, J.J., Weber, W.H. Diode laser analyses of the $3\nu_1 + \nu_2 \leftarrow 2\nu_1^0$ and $4\nu_1^0 + \nu_2 \leftarrow 3\nu_1^1$ Q branches of C_3O_2 8-74660
 Jennings, H.M. *see* Danforth, S.C. 8-68731
 Jennings, J.N., Costin, A.B. Stone movement through snow creep, 1963-75 Mount Twynam, Snowy Mountains, Australia 8-69374
 Jennings, P.J. An analysis of the surface barrier structure of W (001) 8-84037
 Jennings, P.J. *see* Read, M.N. 8-64089
 Jennings, R.E. Infrared observations in space research 8-61738
 Jennings, R.E. *see* Emerson, J.P. 8-86000
 Jennings, R.E. *see* Furniss, I. 8-85891
 Jennings, R.J. *see* Siedband, M.P. 8-69207
 Jennings, S.G. *see* Gillespie, J.B. 8-57314
 Jennings, W.B., Randall, D. Comment on 'spin decoupling by torsional transitions' 8-62832
 Jennings, W.C. *see* Stufflebeam, J.H. 8-59669
 Jennison, D.R. One-electron theory of Auger lineshapes: Silicon L_{23}VV and $\text{L}_{1}\text{L}_{23}\text{V}$ 8-72645
 Jennison, R.C. Relativistic phase-locked cavities as particle models 8-77705
 Jennison, W., Salmon, A.M. A tape-controlled remote automatic diameter measurement machine 8-86241
 Jenny, B. *see* Burgi, H.R. 8-94016
 Jenouvrier, A., Pascat, B. The electronic spectrum of PS I . The $\text{B}^H\text{-X}^H\text{II}$ system 8-78716
 Jenq-Der Tsou *see* Yen-Ping Shih 8-59425
 Jenrich, H.J. *see* Babersche, K. 8-84482
 Jensch, P., Meyer, J., Ameling, W., Effert, S. A multi-computer system using microprocessors for real time operations in patient monitoring 8-88752
 Jensen, A. LOWI, a new Zircaloy- UO_2 fuel design: design considerations, calculations, and test results 8-70600
 Jensen, A.S., Sandberg, J. Analytic nuclear level density formula with shell and pairing effects 8-50092
 Jensen, A. Skov *see* Skov Jensen, A.
 Jensen, C.C., Steinfeld, J.I., Levine, R.D. Information theoretic analysis of multiphoton excitation and collisional deactivation in polyatomic molecules 8-90264
 Jensen, D.E., Jones, G.A. Reaction rate coefficients for flame calculations 8-85160
 Jensen, D.R. *see* Hughes, H.G. 8-81400
 Jensen, G.B. *see* Albertsen, J.F. 8-61820
 Jensen, H.B. *see* Albrow, M.G. 8-58214
 Jensen, J. *see* Houmann, J.G. 8-84422
 Jensen, J. *see* Palmer, S.B. 8-68355
 Jensen, J.D., Schoolar, R.B. Electrical properties of $\text{Pb}_{1-x}\text{Cd}_x\text{S}$ epitaxial films 8-72290
 Jensen, J.R., Fenske, R.F. An accurate criterion for the retention of two-electron integrals, the EBIR method 8-82606
 Jensen, J.R., Fenske, R.F. An investigation of Hartree-Fock calculations on some d^8 and d^{10} transition metal nitrosyls 8-90082
 Jensen, J.R. *see* Bursten, B.E. 8-62721
 Jensen, J.W. *see* Larsen, P.S. 8-51224
 Jensen, K.O. *see* Applequist, H. 8-65349
 Jensen, M.N. Measurement of AC by digital instruments 8-93726
 Jensen, N.O. Change of surface roughness and the planetary boundary layer 8-73306
 Jensen, O.K., Finlayson, B.A. Solution of the convection-diffusion equation using a moving coordinate system 8-90889
 Jensen, P.S. *see* Bottiger, J. 8-58557, 8-59830
 Jensen, P.S. *see* Rud, N. 8-59845
 Jensen, R. *see* Friedman, A. 8-83356
 Jensen, R.V. *see* Post, D.E. 8-83534

- Jensen, S., Register, D., Trajmar, S. Elastic and inelastic (5^2D , 6^1P) electron scattering cross sections for barium 8-74769
- Jensen, S.J.K. *see* Mouritsen, O.G. 8-88130
- Jensen, S.M., Hellwarth, R.W. Generation of time-reversed waves by nonlinear refraction in a waveguide 8-90447
- Jensen, S.W. *see* Register, D.F. 8-86933
- Jensen, T.H. *see* Wang, T.S. 8-91140
- Jenson, F.E. *see* Watson, R.L. 8-86810
- Jentsch, L. The Green's matrix for two elastic half-spaces with different Lamé moduli sliding together without friction 8-62083
- Jentschke, W. *see* Prescott, C.Y. 8-89719
- Jentzsch, U., Rau, G., Weitzenegger, E. Dose measurements in a dummy for the irradiation of test animals in a reactor 8-61218
- Jentzsch, W.-D., Bohmer, S. Thermodynamic considerations of the nitriding of iron by dry nitriding 8-60874
- Jeor, S.C. *see* St. Jeor, S.C.
- Jepsen, D.W. *see* Jona, F. 8-63930
- Jepsen, D.W. *see* Maglietta, M. 8-91546
- Jepsen, D.W. *see* Noguera, C. 8-52047
- Jepsen, O., Madsen, J., Andersen, O.K. Band structure of thin films by the linear augmented-plane-wave method 8-87899
- Jepsen, O. *see* Muller, J.E. 8-92144
- Jer-San Lin *see* Lu-San Chen 8-89300
- Jer-Shen Maa *see* Yuen-Chung Liu 8-70223
- Jerde, L. *see* Friedman, S. 8-67456
- Jergel, M., Cernusko, V., Cabelka, D., Cheremnykh, P.A., Fedorov, V.K. Some properties of superconducting Nb₃Ge tape prepared continuously by chemical vapour deposition 8-60257
- Jergeus, H.A. A simple formula for the stress intensity factors of cracks in side notches 8-79264
- Jerkins, P. *see* Ross, B.E. 8-77269
- Jernigan, J.G., Apparao, K.M.V., Bradt, H.V., Doxsey, R.E., Dower, R.G., McClintock, J.E. Positions of galactic X-ray sources: $-20^\circ < l^\circ < +6^\circ$ 8-54094
- Jernigan, J.G. *see* Dower, R.G. 8-61938
- Jernigan, J.G. *see* Johnson, H.M. 8-57695
- Jernigan, J.G. *see* Ulmer, M.P. 8-65702
- Jernigan, M.C. *see* Ullrich, R.L. 8-53455
- Jerome, D. *see* Friend, R.H. 8-51977, 8-87927
- Jerome, D. *see* Miljak, M. 8-84201
- Jerome, D. *see* Mogensen, B. 8-84200
- Jerphagnon, J., Chema, D. The materials of nonlinear optics 8-71140
- Jerrett, S. *see* Engel, J., Jr. 8-69036
- Jersak, J., Leutwyler, H., Stern, J. Hard gluon exchange corrections to harmonic confinement 8-86440
- Jerzykiewicz, M., Sterken, C. Search for β Cephei stars south of declination -20° . I. Incidence of light variability among early B giants and subgiants—summer objects 8-61863
- Jesch, F. *see* Reichenberger, H. 8-85408
- Jeschki, W. *see* Babocsay, L. 8-55048
- Jesion, G. *see* Stein, T.S. 8-62916
- Jeske, K. *see* Pitts, D.E. 8-65389
- Jesmanowicz, A. *see* Holuj, F. 8-80204
- Jespersen, J., Fitz-Randolph, J. From sundials to atomic clocks 8-57904
- Jessberger, E.K. *see* Dominik, B. 8-65514
- Jessberger, E.K. *see* Staudacher, T. 8-77918
- Jessup, B.L., McCarthy, A.L. Magnetoacoustic oscillations of a plasma containing two species of ions 8-59567
- Jester, W.A., Raupach, D.C. A comparison of the bromide ion and iodide ion neutron activable tracers with tritiated water as ground-water tracers 8-85267
- Jesus, A.P. *see* Lopes, J.S. 8-66646
- Jette, A.N., Adrian, F.J. Theoretical investigation of the hyperfine-structure constants of the H-center using a valence-bond wave function for the halogen-molecular anions 8-79611
- Jette, A.N. *see* Adrian, F.J. 8-66473
- Jeu, W.H. *see* de Jeu, W.H.
- Jeu, W.H. *see* de Jeu, W.H.
- Jeuch, P. *see* Mampe, W. 8-82566
- Jeunhomme, L., Pocholle, J.P., Raffy, J. Wavelength dependence of modal dispersion in graded index optical fibres 8-63173
- Jewett, W.R. *see* Demer, J.L. 8-77146
- Jeyes, S.R., McCaffery, A.J., Rowe, M.D. Energy and angular momentum transfer in homonuclear diatomic molecules from polarized laser fluorescence 8-90271
- Jezequel, G. *see* Depaulex, C. 8-62236
- Jezevski, W. Renormalized magnons and phonons in a strongly anharmonic Heisenberg ferromagnetic crystal. II 8-91837
- Jeziński, A. Spin wave stiffness constant in the ferromagnetic BCC transition metal alloys 8-91851
- Jezowska-Trzebiatowska, B., Dominiak-Dzik, G. The influence of donor and acceptor concentration on energy transfer and energy migration in $\text{Cr}^{+3}\text{Nd}^{+3}$:DMSO 8-64403
- Jezowska-Trzebiatowska, B., Nowakowski, T., Mrozinski, J. Magnetic and electrical properties of new ternary oxides with rhenium(IV) 8-80135
- Jezowska-Trzebiatowska, B. *see* Kozłowski, H. 8-64937
- Jezowska-Trzebiatowska, B. *see* Mazurak, Z. 8-84624
- Jezowska-Trzebiatowska, B. *see* Ryba-Romanowski, W. 8-64405, 8-74912
- Jezowski, A., Rafalowicz, J. Heat flow asymmetry on a junction of quartz with graphite 8-63890
- Jha, S.K., Catherines, J.J. Interior noise studies for general aviation types of aircraft. I. Field studies 8-90595
- Jha, S.K., Catherines, J.J. Interior noise studies for general aviation types of aircraft. II. Laboratory studies 8-90596
- Jha, S.S. *see* Chavda, L.K. 8-55735
- Jhangiani, V. Geometric significance of the spinor Lie derivative. II 8-65749
- Jhangiani, V. Geometric significance of the spinor Lie derivative. I 8-73826
- Jhanwar, B.L., Khare, S.P., Singh, M.P. Polarisation potential for the inelastic scattering of electrons by hydrogen atoms 8-78818
- Jho, C., Nealon, D., Shogbola, S., King, A.D., Jr. Effect of pressure on the surface tension of water: Adsorption of hydrocarbon gases and carbon dioxide on water at temperatures between 0 and 50°C 8-56024
- Jhon, M.S., Dahler, J.S. A kinetic theory analysis of photodissociation 8-82795
- Jhon, M.S., Desai, R.C., Dahler, J.S. Sum rules and their application to surface tension 8-63900
- Jhon, M.S., Desai, R.C., Dahler, J.S. The origin of surface waves 8-75158
- Jhon Mu Shik *see* Mu Shik Jhon
- Jhy-Jiun Chang Gap enhancement in superconducting thin films due to quasiparticle tunnel injection 8-56262
- Ji Guang-Da, Wu Hang-Sheng A note on the theory of microwave-induced DC voltage phenomenon 8-50677
- Ji Guang-Da *see* Gong Change-De 8-52115
- Ji Shu *see* Hsien Ting-Chang 8-78101
- Ji-An Xu *see* Xu Ji-An
- Ji-liang Li *see* Li Ji-liang
- Ji-Rung Pan *see* Pan Ji-Rung
- Ji-Ye Ximen *see* Ximen Ji-Ye
- Jian Sheng *see* Sheng Jian
- Jian-Hua Cai *see* Cai Jian-Hua
- Jian-Hua Zhao *see* Zhao Jian-Hua
- Jian-Jun Nie *see* Nie Jian-Jun
- Jian-Min Wang *see* Wang Jian-Min
- Jian-Min Yuan, George, T.F. Semiclassical theory of unimolecular dissociation induced by a laser field 8-62863
- Jian-Ping Shen *see* Shen Jian-Ping
- Jian-Ya Shen *see* Shen Jian-Ya
- Jiang, S.H., Werle, H. Measurement and calculation of californium-252 fission neutron-induced gamma fields in iron 8-50240
- Jiang Zhi-Zhong *see* Ding You-Ji 8-69761
- Jiang Zun-fu, Fang Yong-sui, Song Wen-miao, Ao Chao, Cai Jing-rong On nonlinear theory problems of TWT 8-74824
- Jiann-long Wu, Boothe, T.E., Ache, H.J. The use of optical enantiomers in studying the mechanism of chlorine-38 for chlorine substitution in condensed phase 8-73031
- Jiann-Tsoring Horng Sinusoidal microbending loss of HE_{11} -mode in step-index fibres 8-79109
- Jie Zhang Yu-Zhen Gao *see* Gao Jie Zhang Yu-Zhen
- Jie-Ping Xu *see* Xu Jie-Ping
- Jih-Hung Chiu, Landolt, K., Kessler, W.V. Separation of rhodium-103m from ruthenium-103 by solvent extraction 8-58857
- Jiji, L.M., Weinbaum, S. Perturbation solutions for melting or freezing in annular regions initially not at the fusion temperature 8-59286
- Jimbo, M. *see* Sato, M. 8-58129
- Jimbo, T., Kumanoya, M., Umeno, M., Amemiya, Y. Spectral responses of impurity diffused PbSnTe infrared detectors 8-58036
- Jimbo, T. *see* Kumanoya, M. 8-60197
- Jimenez, J. Numerical simulation of mixing layer vortices 8-90853
- Jimenez, J., Daguinet, M. Hydrodynamic control of the increase of the diffusional boundary layer upon a plate immersed in an Ostwald fluid, flowing in a rectangular conduit 8-87329
- Jimenez, M.A. *see* Chabot, G.E., Jr. 8-53500
- Jimenez-Lopez, J. *see* Manificier, J.C. 8-79989
- Jin, S. *see* Eibschutz, M. 8-88116
- Jin, S. *see* Mahajan, S. 8-64219
- Jin Wu A note on minimum wind stress for wave inception 8-57285
- Jin Yan Wang Zhi-Gang *see* Chen Pei-Shan 8-61358
- Jin-Chuan Chen *see* Chen Jin-Chuan
- Jin-gun Sun *see* Sun Jin-gun
- Jin-Quan Chen *see* Chen Jin-Quan
- Jindal, P.C. Ion nitriding of steels 8-72922
- Jindal, S., Bhattacharyya, A.B., Warrior, J. Two-dimensional analysis of breakdown in epitaxial planar junctions 8-80045
- Jindra, R.H. Analysis of the non-stationary EEG by means of an approximate canonical expansion 8-53555
- Jing-Er Mo *see* Mo Jing-Er
- Jing-Guo Zhang *see* Zhang Jing-Guo
- Jing-Huei Chen, Lubensky, T.C., Nelson, D.R. Crossover near fluctuation-induced first-order phase transitions in superconductors 8-80098
- Jing-Kui Liang *see* Liang Jing-Kui
- Jing-rong Cai *see* Cai Jing-rong
- Jing-Ru Ren *see* Ren Jing-Ru
- Jing-xian Pei *see* Pei Jing-xian
- Jing-ye Chang *see* Chang Jing-ye
- Jing-Yuan Wu *see* Wu Jing-Yuan
- Jinno, K., Kinoshita, H., Matsumoto, Y. Etching characteristics of phosphorus containing polycrystalline silicon in a CF_4 plasma 8-76777
- Jinno, K., Kojima, T., Jun-ichi Kubota Reflection of an electromagnetic beam wave from an inhomogeneous medium with a perturbation in its permittivity 8-86996
- Jinoch, J., Ankem, S., Margolin, H. Calculations of stress-strain curve and stress and strain distributions for an α - β Ti-8Mn alloys 8-84924
- Jipson, V., Quate, C.F. Acoustic microscopy at optical wavelengths 8-71251
- Jirak, Z. *see* Chakravarty, R. 8-68171
- Jirina, M. A biased roulette 8-81821
- Jirousek, J. Basis for development of large finite elements locally satisfying all field equations 8-69985
- Jischa, M., Rieke, H.B. Turbulent heat transfer in duct flow 8-94719
- Jischke, J.H. *see* Kuczynski, G.C. 8-67711
- Jiu-Sheng Shen *see* Shen Jiu-Sheng
- Justo, J.E. *see* Pickering, K.E. 8-73446
- Jivanian, H.A. *see* Avetissian, H.K. 8-58894
- Jo, H. *see* Metzger, H. 8-71712
- Joachain, C.J. The scattering of fast electrons and positrons by atoms 8-62918
- Joachain, C.J. *see* Byron, F.W., Jr. 8-78812
- Joag, P.S. *see* Date, S.K. 8-92003
- Joannopoulos, J.D. *see* Laughlin, R.B. 8-59915, 8-71931, 8-84044
- Joannopoulos, J.D. *see* Mele, E.J. 8-52087, 8-56203, 8-95319
- Joannopoulos, J.D. *see* Nemanich, R.J. 8-60498
- Joannopoulos, J.D. *see* Pollard, W.B. 8-55924, 8-56066
- Joanny, J.F. Critical properties of a system of two molten polymers 8-55801
- Joanny, J.F., Leibler, L. Interface in molten polymer mixtures near the consolute point 8-87792
- Joardar, R. *see* Gopala Rao, R.V. 8-51962
- Joarder, R.N. *see* Gopala Rao, R.V. 8-63648, 8-75514, 8-75521, 8-75527, 8-75701
- Job, P.K., Srinivasan, M. Experimental determination of k_p variation of PURNIMA I fast reactor during insertion of core into reflector 8-74438
- Job, V.A., Innes, K.K. The geometric structure of s-tetrazine and its change on electronic excitation 8-82862
- Jobert, N., Leveque, J.J., Roullet, G. Evidence of lateral variations from free oscillations and surface waves 8-88799
- Jobes, M. *see* Corden, M.J. 8-58207, 8-58209, 8-62470, 8-66164, 8-74283
- Jobson, D.J., Ming Hing Tai, Katzberg, S.J. Comment on 'Spectrophotometric and color estimates of the Viking lander sites' by Friedrich O. Huck et al 8-85881
- Jochemsen, R., Berlinsky, A.J., Verspaandonk, F., Silvera, I.F. Far-infrared absorption by phonons and librins in solid H_2 and D_2 in the ordered state 8-80331
- Jockers, R. *see* Schneider, G.M. 8-51648
- Jacobs, D.T. *see* Scheibner, B.A. 8-71871
- Jodat, R.W. *see* Hosek, R.S. 8-92611
- Jodl, H.J., Holzapfel, W.B. Raman spectra of NO_2 in KI and of NO_2 in Ar at high pressure and at low temperatures 8-52479
- Joe, Y. *see* Tachikawa, J. 8-58396
- Joffrin, J. *see* Bernard, L. 8-52430
- Jog, S.D. Bound state for a screened impurity in a magnetic field 8-72107
- Jog, S.D., Wallace, P.R. A theory of magnetic freezeout for semiconductors in the ultra-quantum limit 8-76017
- Jogun, K.H. *see* Stezowski, J.J. 8-80838
- Joh, D.Y., Grannemann, W.W., Brown, W.D. Dielectric properties and charge storage characteristics of the metal- TiO_2 - SiO_2 -Si structure 8-52098
- Johan, A. *see* Bielle-Daspert, D. 8-64154
- Johannessen, J.S., Spicer, W.E., Gibbons, J.F., Plummer, J.D., Taylor, N.J. Observation of phosphorus pile-up at the SiO_2 -Si interface 8-84303
- Johannessen, J.S. *see* Strausser, Y.E. 8-91571
- Johannin, P. *see* Loac, J. 8-95420
- Johannin-Gilles, A. *see* Lotrian, J. 8-74600

- Johansen, A.**, Persson, K., Sarholt-Kristensen, L. On the successful upgrading of a 'Scandinavian' low-output isotope separator to an energy of 300 kV 8-66008
- Johansen, H.**, Wahlgren, U. An ab initio study of electron density relaxation effects in CoO during ionization 8-50466
- Johansen, H.** see Saermark, K. 8-95251
- Johansen, H.S.** see Middeldboe, V. 8-85228
- Johansen, K.M.** see Leer, E. 8-87452
- Johansson, A.** see Sundqvist, B. 8-82342
- Johansson, B.** Energy difference between trivalent and tetravalent metallic cerium and other f-elements. Stability study of various lanthanide- and actinide-halides and -oxides 8-79553
- Johansson, B.** Structural and elastic properties of the f elements 8-83951
- Johansson, B.**, da Providencia, J. The generator coordinate method and the electron gas 8-60077
- Johansson, B.** see Skriver, H.L. 8-72065
- Johansson, G.B.** Diammonium ditellurium(IV) pentaoxide dihydrate 8-91317
- Johansson, G.B.**, Lindqvist, O. The crystal structure of dipotassium tellurate(IV) trihydrate, $K_2TeO_3 \cdot 3H_2O$ 8-95017
- Johansson, H.** see Agren, J. 8-84982
- Johansson, J.**, Marthinsson, B., Eng, S.T. Computer automation of a CO₂ laser long-path absorption system for air pollution monitoring 8-92971
- Johansson, K.**, Sandstrom, R. Elevated temperature fracture toughness and critical flaw analysis of a powder metallurgical high speed steel 8-72848
- Johansson, K.** see Norlin, L.O. 8-64778
- Johansson, K.E.** see Benot, M. 8-86731
- Johansson, S.** Absorption lines in v Sgr identified as high-level transitions of Fe II 8-93316
- Johansson, T.** see Ganzorig, D. 8-86557
- Johansson, T.** see Ganzorig, D. 8-89827
- Johansson, T.** see Touborg, P. 8-80127
- Johari, G.P.** see Sivakumar, T.C. 8-95582
- John, D.H.St.** see St. John, D.H.
- John, J.E.A.** see Janna, W.S. 8-57920
- John, K.R.St.** see St. John, K.R.
- John, P.K.** see Ng, A.K.H. 8-59679
- John, T.L.** Neutral bremsstrahlung from molecular hydrogen and nitrogen 8-81610
- John, T.L.**, Williams, R.J. Si⁺ opacity 8-53930
- John, V.** see Desai, C.C. 8-59812
- John, W.**, Hamann, D., Urwank, P. Partial densities of states and electron-phonon interaction in transition metals 8-51869
- John Manley, R.St.** see St. John Manley, R.
- John-Evans, G.**, Wyn-Evans, M. An evaluation of two theoretical models for the reorientation of polar symmetric-top molecules 8-83707
- Johns, D.A.** see Roth, E.P. 8-73999
- Johns, J.W.C.**, McKellar, A.R.W. Stark spectroscopy with the CO laser: Lamb dip spectra of H₂¹⁶O and H₂¹⁸O in the v_2 fundamental band 8-62840
- Johns, J.W.C.**, McKellar, A.R.W., Riggins, M. Laser magnetic resonance spectroscopy of the v_2 fundamental band of HO₂ at 9.1 μ m 8-66566
- Johns, J.W.C.** see Allegrini, M. 8-70827
- Johnsen, K.** see Blechschmidt, D. 8-58510
- Johnsen, R.**, Macdonald, J., Biondi, M.A. Thermal energy charge transfer rates for Ne⁺, Ne₂⁺, Ar⁺, and Ar₂⁺ ions with Kr and Xe atoms 8-61000
- Johnsen, R.** see Chou-Mou Huang 8-82854
- Johnsen, S.W.** Polyethylene filtration of 30 and 40 MeV p-be neutron beams 8-53494
- Johnsen, S.W.** see Fitzgerald, D.H. 8-62424
- Johnsen, U.**, Weber, G. The investigation of conduction mechanism in polyethylene 8-76086
- Johnson, A.** see Piiparinen, M. 8-50075
- Johnson, A.** see Schlegel, W. 8-61275
- Johnson, A.** see Winter, G. 8-62552
- Johnson, A., Jr.**, Withee, G.W. Ocean data buoy measurements of Hurricane Eloise 8-77302
- Johnson, A.D.** see Jaros, J.A. 8-50042
- Johnson, A.D.** see Peruzzi, I. 8-74252
- Johnson, A.D.** see Tanenbaum, W. 8-66113
- Johnson, A.F.** see Shelton, R.L. 8-65060
- Johnson, A.W.S.** see Hurley, A.C. 8-83663
- Johnson, B.** see Bliss, E. 8-59033
- Johnson, B.M.** see Dietrich, D.D. 8-82685
- Johnson, B.M.** see Guillaume, G. 8-94308
- Johnson, B.M.** see Pegg, D.J. 8-78797
- Johnson, B.P.**, Huang, C.I. Ohmic contacts to GaAs transferred electron devices 8-52082
- Johnson, B.R.**, Ache, B.W. Antennular chemosensitivity in the spiny lobster *Panulirus argus*: amino acids as feeding stimuli 8-53431
- Johnson, B.V.**, Ross, T.K. The protection of mild steel by zinc-rich paint in flowing aerated 0.5 M NaCl solution. II. The effect of exposed area ratio 8-95841
- Johnson, B.V.** see Chua, H.H. 8-95840
- Johnson, C.** On plasticity with hardening 8-63320
- Johnson, C.E.**, Fee, D.C. Oxygen getters for fast reactor fuel pins 8-74437
- Johnson, C.E.** see Gotzmann, O. 8-68840
- Johnson, C.E.** see Gupta, G.P. 8-95533
- Johnson, C.H.**, Ping Cheng Possible similarity solutions for free convection boundary layers adjacent to flat plates in porous media 8-75199
- Johnson, C.H.J.** On the estimation of the equilibrium properties of the kinetic Ising model of ferromagnetism 8-89410
- Johnson, C.H.J.** Estimation of the equilibrium properties of the simple AB alloy 8-91302
- Johnson, C.I.**, Pick, H.L., Jr., Garber, S.R., Siegel, G.M. Intensity of guitar playing as a function of auditory feedback 8-85322
- Johnson, D.** see Hinnov, E. 8-83537
- Johnson, D.C.** see Hill, K.O. 8-63171
- Johnson, D.C.** see Kawasaki, B.S. 8-50851, 8-79130
- Johnson, D.H.** The relationship of post-stimulus time and interval histograms to the timing characteristics of spike trains 8-69032
- Johnson, D.J.** see Dobb, M.G. 8-55819, 8-75564
- Johnson, D.L.** The late Quaternary climate of coastal California: evidence for an Ice Age refugium 8-57293
- Johnson, D.L.** Time-dependent optical spectroscopy of polariton systems having a minimum group velocity 8-80376
- Johnson, D.L.** see Martin, T.H. 8-50321
- Johnson, D.L.** see Schantz, C.A. 8-67816
- Johnson, D.M.**, Whittle, D.P., Stringer, J. The hot corrosion of directionally solidified Ni-Cr-Nb-Al (γ/γ' - δ) eutectic alloys 8-72934
- Johnson, D.P.** see Baland, J.F. 8-93911
- Johnson, D.R.** see Sunram, R.D. 8-58673
- Johnson, D.W.** see Shleien, B. 8-85382
- Johnson, D.W., Jr.** see Gyorgy, E.M. 8-67857
- Johnson, D.W., Jr.** see Yan, M.F. 8-92222
- Johnson, E.** see Fatemi, M. 8-69517
- Johnson, E.** see Kaye, M.D. 8-77131
- Johnson, E.A.** Effect of cross-sectional mass dependence in the theory of disperse-mass gas mixtures 8-71371
- Johnson, E.J.** see Devreese, J.T. 8-72415
- Johnson, E.R.** Trapped vortices in rotating flow 8-55650
- Johnson, E.R.** see Pickles, B.W. 8-72863
- Johnson, F.B.** see Primmerman, C.A. 8-94407
- Johnson, G.A.**, Manson, E.L., Jr., O'Fogh-ludha, F. Simple method of obtaining Si(Li) detector efficiency 8-55108
- Johnson, G.B.** see Verdeyen, J.T. 8-50326
- Johnson, G.J.** Link compensation in the Kelvin bridge 8-86292
- Johnson, G.K.**, O'Hare, P.A.G. Thermochemistry of uranium compounds. XI. Standard enthalpy of formation of γ -UO₃ 8-88654
- Johnson, G.K.** see Lyon, W.G. 8-79781
- Johnson, G.W.**, Leiner, D.C., Moore, D.T. Phase-locked interferometry 8-58022
- Johnson, G.W.**, Moore, D.T. Design and construction of a phase-locked interference microscope 8-49894
- Johnson, H.G.**, Smith, G.E. FTIR poloidal field coils design 8-50383
- Johnson, H.H.** see Quick, N.R. 8-59977
- Johnson, H.L.** A new Michelson spectrophotometer system 8-81550
- Johnson, H.L.** The law of interstellar extinction 8-81676
- Johnson, H.L.**, Wisniewski, W.Z. Emission lines in the spectrum of Vega 8-53946
- Johnson, H.L.** see Bookmeyer, B.B. 8-81639
- Johnson, H.M.** Monitoring for fuel sheath defects in three shipments of irradiated CANDU nuclear fuel 8-54864
- Johnson, H.M.** An atlas of Copernicus ultraviolet spectra of Wolf-Rayet stars 8-57557
- Johnson, H.M.** The proper-motion approach to counterparts of gamma-ray burst sources and high-latitude X-ray transient sources 8-93457
- Johnson, H.M.** The distribution of X-ray sources in the Galaxy. III 8-93462
- Johnson, H.M.**, Catura, R.C., Lamb, P.A., White, N.E., Sanford, P.W., Hoffman, J.A., Lewin, W.H.G., Jernigan, J.G. Searches for correlated X-ray and radio emission from X-ray burst sources 8-57695
- Johnson, H.M.** see Dupree, A.K. 8-96569
- Johnson, H.M.** see Grewing, M. 8-96524
- Johnson, H.R.** Luminosity and carbon enhancement in N-type carbon stars 8-93247
- Johnson, J.** see Hartmann, J. 8-62460
- Johnson, J.B.**, Nicholls, J.R., Hurst, R.C., Hancock, P. The mechanical properties of surface oxides on nickel-base superalloys. I. Oxidation 8-95844
- Johnson, J.B.**, Nicholls, J.R., Hurst, R.C., Hancock, P. The mechanical properties of surface scales on nickel-base superalloys. II. Contaminant corrosion 8-95845
- Johnson, J.C.**, Massey, G.A. Bolometric laser power meter for sensitive measurements in the IR-vacuum UV spectral range 8-82031
- Johnson, J.C.** see Massey, G.A. 8-74934, 8-82980
- Johnson, J.D.**, Bonner, J.C. Spin-waves vs. bound states in the linear Ising-Heisenberg ferromagnet: an exact solution 8-68202
- Johnson, J.E.** see Ballard, R.V. 8-80975
- Johnson, J.F.** see Cox, R.J. 8-63845
- Johnson, J.L.** see Chance, M.S. 8-79425
- Johnson, J.N.** see Dropek, R.K. 8-81150
- Johnson, J.R.**, Kammerud, R., Ohnishi, T., Ritchie, D.J., Shafer, R., Theriot, D., Walker, J.K., Taylor, F.E. Inclusive charged-hadron production in 100-400 GeV pp collisions 8-58216
- Johnson, J.R.** see Conetti, S. 8-93905
- Johnson, K.** A field theory Lagrangian for the MIT Bag Model 8-89670
- Johnson, K.F.** see Auerbach, L.B. 8-82203, 8-93882
- Johnson, K.H.** Spin-orbital electronegativity and catalytic activity 8-73078
- Johnson, K.H.**, Balazs, A.C., Kolar, H.J. Analogies among active sites of coordinatively-unsaturated transition-metal complexes, surfaces, and supported catalysts 8-56917
- Johnson, K.H.** see Balazs, A.C. 8-72228
- Johnson, L.E.** see Sanderson, L.W. 8-73279
- Johnson, L.F.**, Kammlott, G.W., Ingersoll, K.A. Generation of periodic surface corrugations 8-55469
- Johnson, L.F.** see Miller, R.C. 8-50788
- Johnson, L.H.**, Hepler, L.G., Bamberger, C.E., Richardson, D.M. The enthalpy of formation of potassium chromate (V), $K_2CrO_4(c)$ 8-53236
- Johnson, L.H.**, Lo, D.S., Honebrink, R.W. Thermoplastic recording 8-78961
- Johnson, L.H.** see Lo, D.S. 8-71065
- Johnson, L.H.** see Smith, R.W. 8-53283
- Johnson, L.K.** see Fry, F.J. 8-69135
- Johnson, L.N.** see Weber, I.T. 8-80830
- Johnson, L.R.** see Stump, B.W. 8-65394
- Johnson, M.**, Ulrich, R. Fibre-optical strain gauge 8-70112
- Johnson, M.** see Benvenuti, A. 8-82196
- Johnson, M.** see Bunge, R. 8-77033
- Johnson, M.** see Cruddace, R.G. 8-65692
- Johnson, M.** see Heller, M. 8-70689
- Johnson, M.A.** see Shore, B.W. 8-74871
- Johnson, M.B.**, Bethe, H.A. Correlations and self-consistency in pion scattering. I 8-89799
- Johnson, M.B.**, Keister, B.D. Correlations and self-consistency in pion scattering. II 8-89800
- Johnson, M.B.** see Ernst, D.J. 8-82396
- Johnson, M.L.**, Saterlie, S., Boice, D., Byrne, J.G. The removal of defects from solids as observed with positron annihilation 8-84677
- Johnson, M.L.**, Saterlie, S.F., Byrne, J.G. The trapping of positrons by dislocations produced in single crystal bending 8-80606
- Johnson, M.S.** see Munzt, W.R.A. 8-61182
- Johnson, M.W.**, Thompson, R.C., Huizenga, J.R. States in ²³³U excited by the ²³⁴U(d,t) and ²³⁴U(³He, α) reactions 8-66208
- Johnson, N.**, Yoss, K.M. Michigan's space center and model solar system 8-69653
- Johnson, N.D.** see Fliermans, C. 8-80976
- Johnson, N.E.** The determination of electromagnetic forces in Tokamak magnets using the TORMAC computer program 8-62647
- Johnson, N.E.** see Moses, S.D. 8-50396
- Johnson, N.M.** see Schulz, M. 8-64129
- Johnson, N.R.** see Hubert, P. 8-50123
- Johnson, N.R.** see Sayer, R.O. 8-66242
- Johnson, N.R.** see Yates, S.W. 8-50124
- Johnson, O.** A new description of d electrons in metals 8-91580
- Johnson, P.** see Zakheim, D. 8-70887
- Johnson, P.A.V.**, Wright, A.C., Sinclair, R.N. Calibration of the Harwell linac II total scattering spectrometer 8-86725
- Johnson, P.C.**, Cooke, M.J., Allen, J.E. The formation of a plasma by strong irradiation of mercury vapour with mercury lines 8-83585
- Johnson, P.C.**, Cooke, M.J., Allen, J.E. Collisional processes in an optically pumped positive column in mercury vapour 8-87499
- Johnson, P.C.** see Berger, G. 8-71601
- Johnson, P.C.** see Bertalet, P. 8-87585
- Johnson, P.C.** see Hartmann, G. 8-50593
- Johnson, P.D.** Intensity of the low-pressure high-current cadmium vapor discharge in the middle ultraviolet 8-50878
- Johnson, P.G.** Extensive nebulosity and the giant radio loops 8-93445
- Johnson, P.G.** The cooling of a fibre optic image tube 8-96401
- Johnson, P.G.** see Goudis, C. 8-96521
- Johnson, P.L.** see Brown, R.K. 8-63711
- Johnson, P.N.** see Clout, P. 8-62683
- Johnson, P.S.** see Baker, C. 8-86919
- Johnson, P.W.** see Sieburth, J.McN. 8-85454
- Johnson, R.** see Moreland, G. 8-65566
- Johnson, R.A.** Interstitial cluster nucleation at the onset of irradiation 8-79635
- Johnson, R.A.** see Carroll, A.S. 8-89757
- Johnson, R.A.** see Hall, J.R. 8-75620
- Johnson, R.A.** see Lam, N.Q. 8-71757

- Johnson, R.C.** *see* Ioannides, A.A. 8-70545
Johnson, R.C. *see* Wall, N.S. 8-70501
Johnson, R.E. *see* Popa, A.E. 8-87164
Johnson, R.E. *see* Rogers, W.T. 8-74732
Johnson, R.F. *see* Berger, W.H. 8-53658
Johnson, R.F., Jr., Rollo, F.D. An evaluation of ^{81}Rb and ^{43}K for imaging using the performance index technique 8-73226
Johnson, R.G. *see* Shelley, E.G. 8-85810
Johnson, R.G.R. *see* Weinreich, W.A. 8-86669
Johnson, R.J. Electromagnetic mass splitting of charmed mesons 8-58186
Johnson, R.L. Grazing-incidence diffraction gratings 8-63187
Johnson, R.L., Baer, M.B., Dagenhart, W.K., Haselton, H.H., Mann, T.L., Queen, C.C., Stirling, W.L., Whitfield, P.W. Component design description of the neutral beam injectors for PLT 8-54966
Johnson, R.M. *see* Henslee, S.P. 8-82078
Johnson, R.R., Campbell, P.M., Powers, L.V., Slater, D.C. Wavelength scaling of laser fusion experiments 8-51328
Johnson, R.R. *see* Auld, E.G. 8-78382
Johnson, R.R. *see* Slater, D.C. 8-51327
Johnson, R.S. On the propagation of long waves on the surface of helium II: linearized theory 8-56002
Johnson, R.S. A note on the effects of healing and relaxation in helium II due to heat transfer at a wall 8-75899
Johnson, R.S., Thompson, S. A solution of the inverse scattering problem for the Kadomtsev-Petviashvili equation by the method of separation of variables 8-62087
Johnson, R.T., Jr., Quinn, R.K. Effects of pressure on the electrical conductivity of chalcogenide glasses 8-56142
Johnson, R.T., Jr., Quinn, R.K. High-pressure effects on electrical switching in $\text{As}_{50}\text{Te}_{45}\text{I}_5$ semiconducting glass 8-72212
Johnson, R.V. Temporal response of the acousto-optic modulator: physical optics model in the low scattering efficiency limit 8-66897
Johnson, R.W., Mackenzie, D.E., Smith, I.E.M. Delayed partial melting of subduction-modified mantle in Papua New Guinea 8-57183
Johnson, R.W. *see* Aeppli, G. 8-89601
Johnson, R.W. *see* Arculus, R.J. 8-65241
Johnson, S.A., Greenleaf, J.F., Tanaka, M., Flandro, G. Reconstructing three-dimensional temperature and fluid velocity vector fields from acoustic transmission measurements 8-51261
Johnson, S.A. *see* Greenleaf, J.F. 8-69161
Johnson, S.A. *see* Solarz, R.W. 8-85134
Johnson, S.G., Kremer, L.N., Metral, C.J., Cross, R.J., Jr. Crossed beam studies of $\text{O}^+ + \text{D}_2 \rightarrow \text{OD}^+ + \text{D}$ 8-53203
Johnson, S.H. *see* Jones, P.R. 8-85494
Johnson, T.E., Morrow, W.M. Research to provide criteria for more economical nuclear power plant structures and components 8-94045
Johnson, T.V. *see* Carlson, R.W. 8-93145
Johnson, T.V. *see* Matson, D.L. 8-61792
Johnson, W., Daneshi, G.H. The trajectory of a projectile when fired parallel and near to the free surface of a plastic solid 8-83237
Johnson, W., Mamalis, A.G. Some force plane diagrams for plane strain slip-line fields 8-63314
Johnson, W. *see* Clyens, S. 8-53048
Johnson, W. *see* Daneshi, G.H. 8-59289
Johnson, W. *see* Snyder, J.H. 8-89738
Johnson, W.A., Dudley, D.G. The Green's function moment method 8-55279
Johnson, W.C. Mg distributions at grain boundaries in sintered alumina containing MgAl_2O_4 precipitates 8-80498
Johnson, W.C., Chavka, N.G., Ku, R., Bombard, J.L., Wynblatt, P.P. Orientation dependence of surface segregation in a dilute Ni-Au alloy 8-71908
Johnson, W.C., Coble, R.L. A test of the second-phase and impurity-segregation models for MgO -enhanced densification of sintered alumina 8-64511
Johnson, W.C., Kovacs, B.V. The effect of additives on the eutectoid transformation of ductile iron 8-52799
Johnson, W.C. *see* Kamiya, M. 8-78623
Johnson, W.C. *see* Lee, J.K. 8-51676
Johnson, W.D., Onn, D.G. Electron surface barriers for dense hydrogen and deuterium 8-91754
Johnson, W.D. *see* Onn, D.G. 8-68274
Johnson, W.H. *see* Chang, C.S. 8-58076
Johnson, W.H., Jr. *see* Halverson, J.E. 8-70434
Johnson, W.L., Hatcher, C.W., Hendricks, C.D., Letts, S.A., Lorenson, L.E. Plasma polymerization coating of D-T filled glass shells for laser fusion targets 8-60859
Johnson, W.L., Poon, S.J., Durand, J., Duwez, P. Superconductivity, [magnetic susceptibility], and [electronic properties] of [amorphous ($\text{Mo}_{1-x}\text{Ru}_x$) P_{20} alloys] obtained by [liquid quenching] 8-88057
Johnson, W.L., Tsuei, C.C., Chaudhari, P. Paraconductivity of three-dimensional amorphous superconductors—evidence for a short wavelength cutoff in the fluctuation spectrum 8-68113
Johnson, W.N. *see* Kinzer, R.L. 8-54096
Johnson, W.R., Cheng, K.T. Relativistic effects on low-energy $5s \rightarrow \epsilon p$ photoionization for xenon 8-50515
Johnson, W.R., Norris, D.R. A multispectral analysis of the interface between the Brazil and Falkland currents from SKYLAB 8-65339
Johnson, W.R. *see* Cheng, K.T. 8-55262
Johnson, W.S., Rister, W.C., Spamer, T. Spectrum crack growth in adhesively bonded structure 8-92349
Johnson, W.W., Jones, M.C. Measurements of combined axial mass and heat transport in He II 8-63894
Johnson-Davies, D. *see* Patterson, R.D. 8-85320
Johnsson, R. Vibrations measured with laser light 8-63402
Johnstad, H. *see* Eisenberg, Y. 8-54657
Johnstad, H. *see* Oliver, W.P. 8-89857
Johnston, A. *see* Arthur, R.G. 8-62520
Johnston, A. *see* Dracoulis, G.D. 8-50199
Johnston, A. *see* Walker, P.M. 8-93922
Johnston, A.C. Localized compressional velocity decrease precursory to the Kalapana, Hawaii, earthquake 8-65206
Johnston, D.A., White, R.A., Barlogie, B. Automatic processing and interpretation of DNA distributions: comparison of several techniques 8-92757
Johnston, D.C., Fertig, W.A., Maple, M.B., Matthias, B.T. Re-entrant superconductivity and magnetic ordering in the pseudoternary system $(\text{Er}_{1-x}\text{Ho}_x)\text{Rh}_2\text{B}_4$ 8-60240
Johnston, D.C. *see* Oseroff, S. 8-88184
Johnston, E.A. *see* McKinley, R.L. 8-83198
Johnston, G.S. *see* Borer, J.S. 8-80957
Johnston, G.W. Diffraction of arbitrarily oriented directional sources by rigid planar screens 8-83137
Johnston, H.S. *see* Ellsaesser, H.W. 8-73505
Johnston, J.B. *see* Lewis, E.A.S. 8-81771
Johnston, J.E. *see* Cornish, D.N. 8-5e922
Johnston, J.P. Low-frequency ultrasonic testing 8-80690
Johnston, J.P., Schmidt, W.E. Measurement of acoustic reflection from an obstruction in a pipe with flow 8-63246
Johnston, J.R. *see* Barrett, C.A. 8-88576
Johnston, K.J. *see* Genzel, R. 8-61901
Johnston, K.J. *see* Mader, G.L. 8-93355
Johnston, K.J. *see* Moran, J.M. 8-93377
Johnston, K.J. *see* Rosen, B.R. 8-53949
Johnston, K.J. *see* Wolfe, A.M. 8-65680
Johnston, M., Bradt, H., Dossy, R., Gursky, H., Schwartz, D., Schwarz, J. Position and pulse profile of the X-ray transient 4U 0115+63 8-93467
Johnston, M. *see* Gursky, H. 8-93459
Johnston, M.H. *see* Miller, R.I. 8-84786
Johnston, M.J.S., Jones, A.C., Daul, W., Mortensen, C.E. Tilt near an earthquake ($M_s=4.3$), Briones Hills, California 8-92802
Johnston, M.J.S. *see* McHugh, S. 8-92801
Johnston, P.D. *see* Moorhouse, T.J. 8-93965
Johnston, P.R. The particle-size distribution in AC fine test dust 8-53060
Johnston, P.R. Determining filtration efficiency by comparing the particle-size distribution in the feed stream to that in the filtrate 8-92417
Johnston, R.C. *see* Crowninshield, R.D. 8-69130
Johnston, R.L. *see* Goss, S.A. 8-88727
Johnston, S. Lie-operator approach to mode coupling in nonuniform plasma 8-55718
Johnston, T.F., Jr. Measuring He-Ne line profiles with the optogalvanic effect 8-62233
Johnston, W.D., Callahan, W.M. Properties of polycrystalline AlAs/GaAs on graphite heterojunctions for solar cell applications 8-91760
Johnstone, A.D. Precipitation of charged particles by a parallel electric field 8-65459
Johnstone, A.D. Pulsating aurora 8-73562
Johnstone, B.M. *see* Alder, V.A. 8-85455
Johnstone, I.P. High-spin neutron-hole states in ^{50}Ti and ^{52}Cr 8-70430
Johnstone, I.W., Lockwood, D.J., Mischler, G. Examples of a dynamic Jahn-Teller system: Raman scattering from electronic excitations and phonons in paramagnetic and antiferromagnetic FeCl_2 and FeBr_2 8-56474
Johnstone, S.J. *see* Wells, D.E. 8-73495
Johnstone, S.M. *see* Prestrude, A.M. 8-77072
Johri, A.K. Unsteady motion of an infinite viscoelastic liquid due to nonuniform rotation of a sphere 8-75112
Johri, G.K. Microwave spectral line widths of the slightly asymmetric top molecule CH_2F_2 8-70816
Johri, G.K., Prakash, V., Srivastava, S.L. Self broadening of OCS rotational lines in the microwave region 8-58668
Johri, G.K., Srivastava, S.L. Width of microwave spectral lines considering only dipole-dipole interaction 8-74648
Johri, R.K. *see* Agarwal, B.K. 8-76558
Johri, V.B., Goswami, G.K. Electromagnetic solutions of Brans-Dicke theory of gravitation from Einstein theory 8-57841
Joiner, B.A., Sherrill, P.L., Trotter, D.M., Jr., Thompson, J.C. Pressure dependence of some properties of amorphous $\text{Cd}_5\text{Ge}_3\text{As}_{11}$ 8-72064
Joiner, W.C.H. *see* Habbal, F. 8-80107
Jokic, T. *see* Jurela, Z. 8-55396
Jokinen, Y. Computer-assisted ECG analysis system as part of regional cardiovascular information system 8-81049
Jokipii, J.R. *see* Forman, M.A. 8-53778
Jokipii, J.R. *see* Hubbard, W.B. 8-61772
Jokisaari, J., Raisanen, K. Proton, carbon-13 and mercury-199 N.M.R. studies on dimethyl mercury in isotropic and anisotropic phases 8-76334
Jokisch, H. *see* Allkofer, O.C. 8-89029
Jolicard, G. Energy relaxation of a system of harmonic oscillators 8-66632
Jolicard, G. Vibrational transitions in $\text{N}_2\text{-O}_2$ collisions: a theoretical treatment and comparison with computer calculations 8-66633
Jolles, M. *see* Smith, C.W. 8-70583
Jolles, P. *see* Loucheux-Lefebvre, M.-H. 8-96001
Jolley, G. ICF4 response: discussion of 'Ductile fracture initiation and propagation in ferritic S. G. Cast iron', by R. A. Tait 8-84966
Jolley, G., Holdsworth, S.R. Ductile fracture initiation and propagation in ferritic SG cast iron 8-64661
Jolley, G. *see* Hopkins, P. 8-68813
Jolliffe, B.W., Woods, P.T., Ravenhill, D.J. A simple carbon dioxide laser amplifier suitable for optically pumped infra-red laser applications 8-63133
Jolliffe, V. *see* Beaumont, P.W.R. 8-76753
Jolls, K.R., Willers, G.P. Computer generated phase diagrams for ethylene and propylene 8-83928
Jolly, D.L. *see* Frasier, B.C. 8-82818, 8-85137
Jolly, D.L. *see* Severin, E.S. 8-73917
Jolly, E.L., Remington, D., Sanders, L., Sutton, J.G., Thomson, M.D., Wells, F.D. Minicomputer/CAMAC control system for an eight-beam CO_2 laser facility 8-58493
Jolly, E.L. *see* Riepe, K.B. 8-58492
Jolly, R.K., Kane, J.R., Buckle, D.C., Randers-Pehrson, G., Teoh, W., Aceto, H., Jr. A target chamber for PIXE analysis using microampere beams of 4 MeV protons 8-56941
Jolly, T.W. *see* Jakubovics, J.P. 8-64214
Joly, D. *see* Teillet, J. 8-89608
Joly, J.-P. *see* Gonzalez-Cruz, L. 8-64884
Joly, S., Voignier, J., Grenier, G., Drake, D.M., Nilsson, L. Measurement of fast neutron capture cross sections using a NaI spectrometer 8-74530
Jon, M.C., Keskimaki, C.A., Vahaviolos, S.J. Testing resistance spot welds using stress wave emission (SWE) techniques 8-53066
Jona, F., Legg, K.O., Shih, H.D., Jepsen, D.W., Marcus, P.M. Random occupation of adsorption sites in the $c(2 \times 2)$ structure of CO on $\text{Fe}(001)$ 8-63930
Jona, F. *see* Maglietta, M. 8-91546
Jona, F. *see* Shih, H.D. 8-71964
Jonas, J. Structure and motion in liquid water at high pressures 8-87606
Jonas, J., Defries, T., Lamb, W.J. NMR proton relaxation in compressed supercritical water 8-60349
Jonas, J.J., Christodoulou, N. The onset of plastic instability in tensile samples containing deformation defects 8-67061
Jonas, J.J., Christodoulou, N., G'Sell, C. The onset of flow localisation in tensile samples containing geometric and metallurgical defects 8-79233
Jonas, L.A. Reaction steps in gas sorption by impregnated carbon 8-68916
Jonas, L.A. *see* Rehrmann, J.A. 8-56033
Jonas, O. Tapered tensile specimen for stress corrosion threshold stress testing 8-53055
Jonas, O. Effects of overload on hydrogen sulphide cracking 8-60886
Jonassen, N. *see* Hansson, I. 8-78852
Jonathan, N. *see* Dyke, J. 8-50577
Jonckheere, A. *see* Snyder, J.H. 8-89738
Jones, A.C. *see* Johnston, M.J.S. 8-92802
Jones, A.F., Wilson, S.D.R. The film drainage problem in droplet coalescence 8-71387
Jones, A.J. Inter-office privacy and the suspended ceiling 8-83173
Jones, A.R. Radiation protection instrumentation for personnel dosimetry, area and environmental monitoring 8-66427
Jones, A.R. *see* Hong, N.S. 8-83020
Jones, A.R. *see* Howell, P.R. 8-80595

- Jones, A.V., Gattinger, R.L. Vibrational development and quenching effects in the $N_2(B^3\Pi_g-A^3\Sigma_g^+)$ and $N_2^+(A^2\Pi_u-X^2\Sigma_g^+)$ systems in aurora 8-88967
- Jones, B. see Rank, D.M. 8-96522
- Jones, B.J.T., Steigman, G. Distortions of the cosmic radiation spectrum in baryon-symmetric cosmologies 8-65727
- Jones, B.J.T. see Jones, J.E. 8-77605
- Jones, B.K. Electrical noise thermometer 8-54364
- Jones, B.K., Martin, J.W. The effect of residual stresses on the fatigue failure of nitrided EN 41B steel 8-64698
- Jones, B.W. Coherence: A simulation experiment 8-73810
- Jones, B.W. see Hardy, R.J. 8-59920
- Jones, C., Forman, W. X-ray clusters of galaxies and the luminosity-richness relation 8-93431
- Jones, C. see Cominsky, L. 8-93460
- Jones, C. see Tananbaum, H. 8-93392
- Jones, C.C., Benesch, W., Beiting, E.J., III Analysis of the $B^3\Sigma_g^- \rightarrow B^3\Pi_g(0,0)$ emission band of molecular nitrogen 8-58690
- Jones, C.C. see Beiting, E.J., III 8-58691
- Jones, C.C. see Benesch, W. 8-66549
- Jones, C.E. see Freeman, J.R. 8-54619
- Jones, C.H.W., Manguin, M. ^{129}I Mossbauer spectra of the tellurium iodides 8-62833
- Jones, C.H.W., Tse, A. ^{125}Te Mossbauer study of amorphous and crystalline phases of $\text{As}_2\text{Te}_3\text{-Se}_x$ 8-88232
- Jones, C.K. see Chi, J.W.H. 8-50393
- Jones, C.K. see Sturges, D.J. 8-60847
- Jones, C.L., Pilkington, R. The effect of temperature on creep crack growth in a 1/2% Cr 1/2% Mo 1/4% V steel 8-64667
- Jones, C.L., Pilkington, R. The influence of microstructure on creep crack growth in 0.5 pct Cr, 0.5 pct Mo, 0.25 pct V steel 8-80640
- Jones, C.M. see Moak, C.D. 8-55066
- Jones, C.R. see Bushnell, A.H. 8-58995
- Jones, D. see Christiansen, P. 8-53774
- Jones, D. see Distefano, G. 8-50588
- Jones, D.H.P. see Bailey, J.A. 8-65657
- Jones, D.H.P. see Manchester, R.N. 8-77569
- Jones, D.H.P. see Smith, F.G. 8-93292
- Jones, D.L., Blake, M.C., Jr., Bailey, E.H., McLaughlin, R.J. Distribution and character of upper Mesozoic subduction complexes along the west coast of North America 8-81136
- Jones, D.L., Poulouse, P.K., Eftis, J., Liebowitz, H. G_c and R-curve fracture toughness values for aluminum alloys under plane stress conditions 8-92316
- Jones, D.L. see Liebowitz, H. 8-60776
- Jones, D.Llanwyn see Llanwyn Jones, D.
- Jones, D.P., Devere, T.K. A simple objective pupillometer 8-81000
- Jones, D.R. see Feldman, C.L. 8-88757
- Jones, D.R.H. The migration of grain-boundary grooves at the solid-liquid interface 8-52789
- Jones, D.R.H. see Houghton, D.C. 8-52851
- Jones, D.R.H. see Patterson, J.P. 8-80536
- Jones, D.R.T., Scharbach, P.N., Sinclair, D.K., Kogut, J. Lattice-gauge-theory calculation of f_u and f_d 8-74154
- Jones, D.T.L., Knight, R.J., Gebbie, H.A. Absorption by water vapour at 7.1 cm^{-1} and its temperature dependence 8-82722
- Jones, D.W., Farrant, S.P., Fort, D., Jordan, R.G. Mostly metals, sometimes elements, occasionally crystals 8-84705
- Jones, D.W. see Corner, W.D. 8-84447
- Jones, D.W. see Foet, D. 8-84709
- Jones, D.W. see Smith, R.L. 8-84413
- Jones, E.D., Franklin, F.R., Palmer, R.E., Padrick, T.D. Pulsed acousto-optical modulator driver 8-90438
- Jones, E.J.W. Seismic evidence for sedimentary troughs of Mesozoic age on the Hebridean continental margin 8-53643
- Jones, E.M. Atomic collision processes in plasma physics experiments: Analytic expressions for selected cross-sections and Maxwellian rate coefficients. II 8-51279
- Jones, E.M. Interstellar colonization 8-61756
- Jones, E.M. see Start, D.F.H. 8-59620
- Jones, F.B., Long, L.T., McKee, J.H. Study of the attenuation and azimuthal dependence of seismic-wave propagation in the southeastern United States 8-65185
- Jones, F.C. The history of cosmic rays in a dynamical halo: A retrodictive probability approach 8-65467
- Jones, F.C. A strictly Markovian expansion for plasma turbulence theory 8-79435
- Jones, F.C., Birmingham, T.J., Kaiser, T.B. Partially averaged field approach to cosmic ray diffusion 8-53776
- Jones, F.C. see Kaiser, T.B. 8-53777
- Jones, F.J. Magnetostriction measurements in magnetically ordered crystals using double crystal X-ray diffractometry 8-84468
- Jones, F.W. see Hibbs, R.D. 8-61329
- Jones, F.W. see Sydora, L.J. 8-77206
- Jones, G. $pp \rightarrow d\pi^+$ near threshold 8-62440
- Jones, G., Caroline, D. Intramolecular motion of polystyrene in a theta solvent 8-90328
- Jones, G., Roberts, G.T. A vibrating vane gauge for pressure measurement 8-49793
- Jones, G. see Auld, E.G. 8-78382
- Jones, G.A., Grundy, P.J., Brambley, D.R. The observation of domain structure in bubble propagation circuits 8-84464
- Jones, G.A. see Jensen, D.E. 8-85160
- Jones, G.A. see Puchalska, I.B. 8-91914
- Jones, G.D. see Kogan, A. 8-50120
- Jones, G.D. see Lornie, P.R.G. 8-62483
- Jones, G.D. see Price, H.G. 8-50186
- Jones, G.D. see Simister, D.N. 8-70424
- Jones, G.H.S. Coherently overturned flaps surrounding craters 8-57209
- Jones, G.P. see Davies, A.E. 8-68441
- Jones, G.P. see Khanna, R.K. 8-76435
- Jones, G.P. see Parry, P. 8-87516
- Jones, G.R. see Chapman, A. 8-87516
- Jones, G.R. see Smith, M.R. 8-87524, 8-87526
- Jones, G.R. see Walmsley, H.L. 8-87529
- Jones, G.T. see Bosetti, P.C. 8-70357
- Jones, G.T. see Erriquez, O. 8-78170
- Jones, G.T. see Sieradzki, K. 8-84985
- Jones, H. Two-photon spectroscopy of $^{15}\text{NH}_3$ with isotopic CO₂ lasers and double resonance studies with a new coincidence 8-70888
- Jones, H. Laser-microwave double-resonance and two-photon spectroscopy: new types of infrared spectroscopy 8-86900
- Jones, H.W. Interfacial effects in acoustic lenses 8-59176
- Jones, I.P. Systematic electron diffraction by HCP metals. I. Theory and main beam transmission 8-63643
- Jones, I.P. Systematic electron diffraction by HCP metals. II. The critical voltage effect 8-71644
- Jones, I.R. see Brennan, M.H. 8-59574
- Jones, I.W. see Whittet, D.C.B. 8-69860
- Jones, J. On the period of the Geminid meteor stream 8-53889
- Jones, J.B., Pocock, G. Magnetic orientation of four-ball test specimens and the effect on total test time 8-80700
- Jones, J.B. see Fitzgerald, M.J. 8-65573
- Jones, J.D. see Nygaard, K.J. 8-66616
- Jones, J.D.S. see Atiyah, M.F. 8-78060
- Jones, J.E. From the origin of the universe to the earliest geological times 8-69923
- Jones, J.E., Jones, B.J.T. An observational test of the luminosity function of galaxies 8-77605
- Jones, J.K. see Atrashkevich, V.B. 8-93061
- Jones, J.S., Alexander, J.B. Common-proper-motion pairs in the South Galactic Cap 8-73734
- Jones, K.A. see Boyle, J.F. 8-76067
- Jones, K.E. see Zewail, A.H. 8-82054
- Jones, K.L. see Arvidson, R.E. 8-61779
- Jones, K.L. see Morris, E.C. 8-65479
- Jones, K.W. see Bashkin, S. 8-78655
- Jones, K.W. see Guillaume, G. 8-94308
- Jones, L. see Oliver, W.P. 8-89857
- Jones, L.H., Kennedy, C., Ekberg, S. Potential constants of CF_4 8-82808
- Jones, L.H., Krohn, B.J., Kennedy, R.C. The ν_4 fundamental of three isotopic species of CF_4 8-70835
- Jones, L.H., Ryan, R.R. Potential constants and dissociation pathways 8-64826
- Jones, L.H. see Aschman, D.G. 8-78201
- Jones, L.M., Wyld, H.W. Hadronic charm production by gluon fusion 8-66081
- Jones, L.M., Wyld, H.W., Jr. Production of bound quark-antiquark systems 8-66130
- Jones, L.W. Comment on recent evidence for unbound quarks 8-58160
- Jones, L.W. see DeHaven, C.E., Jr. 8-82244
- Jones, M. see Bell, J. 8-54625, 8-93872, 8-93873
- Jones, M.C. see Johnson, W.W. 8-63894
- Jones, M.D. see Massey, G.A. 8-74934
- Jones, M.E. The influence of hydrostatic pressure on the precipitation of structure-bound water in microinclusions in quartz 8-75838
- Jones, M.H. Element concentration analysis of films generated on a phosphor bronze pin worn against steel under conditions of boundary lubrication 8-85001
- Jones, M.R.B. see Franke, H. 8-52404
- Jones, N., Soares, C.G. Higher modal dynamic plastic behavior of beams loaded impulsively 8-90721
- Jones, N. see Kitching, R. 8-80581
- Jones, N.B. see Stevens, J.C. 8-61295
- Jones, O.C. Proposed changes to the SI system of photometric units 8-93644
- Jones, O.C., Jr. see Abauf, N. 8-83505
- Jones, O.E. Physical protection safeguards for nuclear materials and facilities 8-82483
- Jones, P.B. Particle acceleration at the magnetic poles of a neutron star 8-93295
- Jones, P.J. see Bloom, P.J. 8-57008
- Jones, P.R., Johnson, S.H. Sonobuoy array measurements of active faulting on the Gorda Ridge 8-85494
- Jones, R. Approximate methods for the linear and nonlinear analysis of plates and shallow shells 8-51101
- Jones, R. The delay of arc starvation saturation in an intense ion source discharge 8-79457
- Jones, R. Origin and confinement of energetic ions in a multidipole plasma 8-91123
- Jones, R. Coupling between a plasma and an r.f. heating antenna 8-91128
- Jones, R., Mazumdar, J. Behavior of floating ice sheets 8-51093
- Jones, R., Wykes, C. The comparison of complex object geometries using a combination of electronic speckle pattern interferometric difference contouring and holographic illumination elements 8-66785
- Jones, R. see Alldritt, M. 8-61623
- Jones, R. see Dean, C. 8-84142
- Jones, R. see Wykes, C. 8-94380
- Jones, R.A. Fabrication using the computer controlled polisher 8-75006
- Jones, R.B. Hydrodynamic interaction of two permeable spheres. I. The method of reflections 8-71394
- Jones, R.B. Hydrodynamic interaction of two permeable spheres. III. Mobility tensors 8-71395
- Jones, R.B. Hydrodynamic interaction of two permeable spheres. II. Velocity field and friction constants 8-75202
- Jones, R.B. see Felderhof, B.U. 8-94342
- Jones, R.B. see Reuland, P. 8-94343
- Jones, R.D. see Van Kampen, C.L. 8-81071
- Jones, R.F., Jr. A curved finite element for general thin shell structures 8-79205
- Jones, R.H. Thorium redistribution in a Ni/ThO₂ alloy irradiated with 5 MeV Ni⁺⁺ 8-71771
- Jones, R.H. see Styris, D.L. 8-71768
- Jones, R.K., Shumpert, T.H. Scattering by a perfectly conducting spherical shell with a circular aperture 8-71015
- Jones, R.L. see Cubicciotti, D.D. 8-92324
- Jones, R.L. see Evans, A.G. 8-64619
- Jones, R.M., Kopka, H. The sensitivity of the D-region partial reflections to irregularity composition 8-81495
- Jones, R.M. see Collins, A.J. 8-58023
- Jones, R.N. see Cameron, D.G. 8-65984
- Jones, R.O. see Harris, J. 8-58578, 8-72106
- Jones, R.S., Kotzer, P. Manned submersibles study cosmic radiation deep in the sea 8-81510
- Jones, R.W., Lee, H.R., Hahn, H., Walker, J.F., Celli, A. Thorium fuel technology for CANDU-PHW reactors 8-86619
- Jones, R.W. see Cason, C. 8-74930
- Jones, R.W. see Lane, A.D. 8-86620
- Jones, S.E. see Alam, M.S. 8-66167
- Jones, S.J., Small, D.G. Spinal and sub-cortical evoked potential following stimulation of the posterior tibial nerve in man 8-69034
- Jones, S.R., Thompson, M.J., Allison, J., Ormondroyd, R.F. Relaxation processes in memory and threshold chalcogenide switches 8-60172
- Jones, S.R. see Georgiou, C. 8-94237
- Jones, S.T. Thresholds and the rising pion inclusive cross section 8-93918
- Jones, S.T. see Dash, J.W. 8-82177
- Jones, T. El Teide and the flux collector. Infrared astronomy on Tenerife 8-69684
- Jones, T.A. A graphics model building and refinement system for macromolecules 8-75505
- Jones, T.B. High frequency radiowave propagation in the ionosphere 8-93045
- Jones, T.B. The propagation of low and very low frequency radiowaves 8-93049
- Jones, T.B., Hallock, K.R. Surface wave model of electrohydrodynamically coupled minimum film boiling 8-87240
- Jones, T.B., Spracklen, C.T. A search for E-region disturbances induced by ion cloud releases at F-region heights 8-61657
- Jones, T.B. see Bieri, G. 8-50578
- Jones, T.B. see Perry, M.P. 8-62186, 8-74815
- Jones, T.E., Kwak, J.F., Chock, E.P., Chaikin, P.M. Re-entrant superconductivity in a magnetically ordered superconductor: $\text{La}_{1-x}\text{Gd}_x\text{Ru}_2$ 8-88059
- Jones, T.J. see Dyck, H.M. 8-77588
- Jones, T.J.L., Williams, W.G. Non-adiabatic spin flippers for thermal neutrons 8-70668
- Jones, T.T. Interval timer 8-62183
- Jones, T.V., Schultz, D.L., Oldfield, M.L.G., Daniels, L.C. Measurement of heat transfer rate to turbine blades and nozzle guide vanes in a transient cascade 8-94768
- Jones, T.W. see Erriquez, O. 8-78170, 8-82195
- Jones, V.O. see Bachrach, R.Z. 8-62275
- Jones, V.O. see Rehn, V. 8-83071
- Jones, W., Thomas, T.M., Thorpe, R.K., Tricker, M.J. Conversion electron Mossbauer spectroscopy and the study of surface properties and reactions 8-60359

- Jones, W. *see* Dunleavy, H.N. 8-76039
 Jones, W. *see* Hasselmann, K. 8-81418
 Jones, W. *see* Parkinson, G.M. 8-83680
 Jones, W. *see* Ramdas, S. 8-80724
 Jones, W.A. *see* Linford, G.J. 8-59036
 Jones, W.A. *see* Wallerstein, E.P. 8-59039
 Jones, W.B., Taggart, R., Polonis, D.H. Beta decomposition processes in Hf-rich Hf-Nb alloys 8-76674
 Jones, W.B., Jr. *see* Schjelderup, H.C. 8-60702
 Jones, W.E. *see* Carleer, M. 8-74657
 Jones, W.L., Schroeder, L.C. Radar backscatter from the ocean: dependence on surface friction velocity 8-77246
 Jones, W.L. *see* Ross, D. 8-77247
 Jones, W.P. *see* Roos, P.G. 8-62535
 Jones, W.T. *see* Sanders, C. 8-73288
 Jong, A.W.J. *see* De Jong, A.W.J.
 Jong, B.W. Effect of precursory solution anion on sintering of magnesium aluminate 8-56605
 Jong, K.L. *see* Bellan, P.M. 8-59583
 Jong, M.S. *see* De Jong, M.S.
 Jong, M.T., Deutsch, S. Comments on 'synthesis of transfer function of a physiological system given magnitude or phase response' 8-64919
 Jong, T. *see* De Jong, T.
 Jong Hee Cha Nuclear power plant planning and construction 8-54819
 Jong Shii Yang *see* Heui Li Huang 8-79812
 Jonge, G. *see* De Jonge, G.
 Jonge, J.H. Kiewiet *see* Kiewiet de Jonge, J.H.
 Jonge, J.H. Kiewiet *see* Kiewiet de Jonge, J.H.
 Jonge, W.J.M. *see* de Jonge, W.J.M.
 Jongejans, B., Blokzijl, R., Kluyver, J.C., Mas-saro, G.G., Voorthuis, H., Cerrada, M., Gavillet, P., Hemingway, R.J., Losty, M.J., Engelen, J.J., Metzger, W.J., Pols, C.L.A., Foster, B., McDowell, L., Wells, J. Rare decay modes of $K^*(1420)$ and $K^*(892)$ 8-78177
 Jongejans, B. *see* Dionisi, C. 8-89735
 Jongejans, B. *see* Gavillet, P. 8-70409
 Jongejans, B. *see* Gavillet, Ph. 8-89736
 Jongh, L.J. *see* de Jongh, L.J.
 Jongh, W.K. *see* De Jongh, W.K.
 Jonghe, L.C. *see* De Jonghe, L.C.
 Jongsma, D., Mutter, J.C. Non-axial breaching of a rift valley: evidence from the Lord Howe Rise and the southeastern Australian margin 8-96179
 Jonke, A.A. *see* Rehmat, A. 8-92503
 Jonker, C.C. *see* Doornbos, J. 8-54757
 Jonker, G.H. Microstructure and physical properties of electro- and magneto-ceramic materials 8-72756
 Jonker, H.D. New method of controlling reproducibility in bubble garnet LPE growth 8-92204
 Jono, M. *see* Kikukawa, M. 8-68795
 Jonscher, A.K. Presentation and interpretation of dielectric data 8-76376
 Jonscher, A.K. Dielectric loss under transient excitation 8-80282
 Jonscher, A.K., Buddhabadana, S. The similarity of the dark and photo-stimulated dielectric relaxation in Langmuir films 8-92021
 Jonsson, B. *see* Andersson, G. 8-89878
 Jonsson, B. *see* Asboe-Hansen, P. 8-86507
 Jonsson, B. *see* Asghar, M. 8-94012
 Jonsson, B. *see* Borchert, G.L. 8-70777
 Jonsson, B. *see* D'Auria, J.M. 8-70489
 Jonsson, B. *see* Elmroth, T. 8-86517
 Jonsson, B. *see* Ganzorig, D. 8-86557
 Jonsson, B. *see* Ganzorig, Dz. 8-89827
 Jonsson, B. *see* Hagberg, E. 8-89779
 Jonsson, B. *see* Hardy, J.C. 8-89830
 Jonsson, B., Karlstrom, G., Wennerstrom, H. Ab initio molecular orbital calculations on the water-carbon dioxide system. The reaction $\text{OH}^- + \text{CO}_2 \rightarrow \text{HCO}_3^-$ 8-76846
 Jonsson, B. *see* Karlstrom, G. 8-76904, 8-78831
 Jonsson, B.-O. *see* Bieri, G. 8-76838
 Jonsson, G. *see* Jacobsson, L. 8-94175
 Jonsson, I.G., Brink-Kjaer, O., Thomas, G.P. Wave action and set-down for waves on a shear current 8-90920
 Jonsson, I.G. *see* Skovgaard, O. 8-90927
 Jonsson, L. *see* Albrow, M.G. 8-58214
 Jonsson, L. *see* Darden, C.W. 8-62415, 8-93895
 Jonsson, N.-G., Kantele, J., Backlin, A. A high-efficiency coincidence method for Coulomb excitation studies of weakly populated vibration-like levels 8-70716
 Jonsson, S. *see* Aden, T. 8-86736
 Jonsson, S. *see* Badelek, B. 8-90011
 Joo Tick Lim *see* Lim Joo Tick
 Joon-Sung Chang Polarization effects in thin hologram grating 8-50731
 Joos, P. *see* Brandelik, R. 8-62416
 Joos, P. *see* Cohen, I. 8-66123
 Joos, P. *see* Scarr, J.M. 8-54634
 Joosten, J.G.H. *see* Fijnaut, H.M. 8-87354
 Jopson, R.M. *see* Blumberg, W.A.M. 8-55148
 Jorba, M. *see* Perez Y Jorba, M.
 Jordan, A.G. *see* Bauer, C.L. 8-63882
 Jordan, B.D. *see* Marton, J.P. 8-79952
 Jordan, C. *see* Bartoe, J.-D.F. 8-93184
 Jordan, C. *see* Boksenberg, A. 8-96540
 Jordan, C. *see* Linsky, J.L. 8-96475
 Jordan, D.R., McBeth, G.W. An experimental test of Muller statistics for counting systems with a non-extending dead time 8-94173
 Jordan, D.R., McBeth, G.W. A system for the accumulation of statistical distributions in real-time 8-94178
 Jordan, I.B., Le-Huu, T. Properties of corona discharges from ice points 8-67587
 Jordan, J.E. *see* Grice, S.T. 8-65138
 Jordan, K.D. *see* Kurtz, H.A. 8-82870
 Jordan, K.D. *see* Shepard, R. 8-90331
 Jordan, K.J. *see* Menzel, E.R. 8-80388
 Jordan, M.P., Solymar, I. A note on volume holograms 8-55316
 Jordan, M.P., Solymar, L., Russell, P.St.J. Wave-front conversion by volume holograms between cylindrical and plane waves 8-90396
 Jordan, M.P. *see* Solymar, L. 8-55317
 Jordan, R. *see* Gyorffy, B.L. 8-95683
 Jordan, R.G. *see* Corner, W.D. 8-84447
 Jordan, R.G. *see* Jones, D.W. 8-84705
 Jordan, R.G. *see* Smith, R.J. 8-84413
 Jordan, R.L. *see* Peeples, W.L. 8-85868
 Jordan, S.K. Statistical model for gravity, topography, and density contrasts in the Earth 8-61306
 Jordan, S.K. Moving-base gravity gradiometer surveys and interpretation 8-77344
 Jordan, S.K., Heller, W.G. Upward continuation of gravity disturbance covariance functions 8-85468
 Jordan, S.K. *see* Nash, R.A., Jr. 8-81099
 Jordan, S.L. Factoring $111...111$ - a stimulating problem 8-57714
 Jordan, T.F. Simple proof of no position operator for quanta with zero mass and nonzero helicity 8-62099
 Jordan, T.F. Form of parity-covariant relativistic two-particle forces 8-73847
 Jordan, T.H. Composition and development of the continental tectosphere 8-81133
 Jordan, W.E. *see* Annino, R. 8-61268
 Jordanov, J. *see* Kreutzberger, G. 8-67603
 Jorgensen, C.K. Fluctuating oxidation states 8-60089
 Jorgensen, F. Some comments on Klein's review 'Degenerate perturbation theory' 8-65799
 Jorgensen, H.E., Gronbech, B. Four-colour photometry of eclipsing binaries. IX. b. Al Hya, light curves and photometric elements 8-65652
 Jorgensen, H.E., Gronbech, B. Four-colour photometry of eclipsing binaries. IXA. Al Hya, photometric observations 8-69835
 Jorgensen, H.E. *see* Niss, B. 8-61895
 Jorgensen, P., Oddershede, J., Albertsen, P., Beebe, N.H.F. Frequency-dependent polarizabilities and Verdet constants for He, Be, CO and FH 8-62781
 Jorgensen, P., Oddershede, J., Beebe, N.H.F. Polarization propagator calculations of frequency-dependent polarizabilities, Verdet constants, and energy weighted sum rules 8-58647
 Jorge, U. Mode excitation in light guides 8-50921
 Jorjio, N.V. *see* Galperin, Yu.I. 8-88997
 Jornada, J.A.H. *see* Da Jornada, J.A.H.
 Jorqensen, J.D., Worlton, T.G., Jamieson, J.C. Pressure-induced strain transition in NiF_2 8-55948
 Jortner, J. High-order multiphoton molecular processes 8-82797
 Jortner, J. *see* Beswick, J.A. 8-55209, 8-82659
 Jortner, J. *see* Cohen, M.H. 8-56073, 8-84319
 Jortner, J. *see* Kaplan, I. 8-88346
 Jortner, J. *see* Klafter, J. 8-52525
 Jory, H.R., Friedlander, F., Hegji, S.J., Shively, J.F., Symons, R.S. Gyrotrons for high power millimeter wave generation 8-62611
 Jory, H.R. *see* Symons, R.S. 8-70633
 Jorzik, E. *see* Holtbecker, H. 8-82460
 Josefiak, C. *see* Wurlfing, A. 8-51669
 Joselyn, J., Holzer, T.E. A steady three-fluid coronal expansion for nonspherical geometries 8-57533
 Joseph, B.W., Gara, A.D. Response time of a liquid crystal image transducer 8-74845
 Joseph, C. *see* Alder, J.C. 8-62576
 Joseph, D.D. Rotating simple fluids 8-59401
 Joseph, D.D. Factorization theorems, stability and repeated bifurcation 8-65751
 Joseph, D.D., Sturges, L. The convergence of biorthogonal series for biharmonic and Stokes flow edge problems. II 8-81847
 Joseph, D.D. *see* Iooss, G. 8-69987
 Joseph, D.D. *see* Liu, C.H. 8-83413
 Joseph, D.D. *see* Yoo, J.Y. 8-83360
 Joseph, J.H. *see* Ohring, G. 8-81405
 Joseph, K.B., Kuriakose, V.C. Second order phase transition in two dimensional sine-Gordon field theory: lattice model 8-78095
 Joseph, K.B., Sabir, M., Nair, M.N.S. A bag model of D mesons 8-82207
 Joseph, K.B., Sheno, A.N.M. Static, c-number solutions of a two dimensional sine-Gordon-like field equation 8-74160
 Joseph, K. *see* Babu Joseph, K.
 Joseph, P.M. Image noise and smoothing in computed tomography (CT) scanners 8-69190
 Joseph, P.M. Image noise and smoothing in computed tomography (CT) scanners 8-85368
 Joseph, R.I., Egri, R. Multi-soliton solutions in a finite depth fluid 8-55621
 Joseph, S.H., Duckett, R.A. Effects of pressure on the nonlinear viscoelastic behaviour of polymers. I. Polypropylene 8-84936
 Joseph, S.H., Duckett, R.A. Effects of pressure on the nonlinear viscoelastic behaviour of polymers. II. Poly(vinyl acetate) 8-84937
 Joseph, T. *see* Gupta, R.S. 8-81213
 Joseph, T.R. SAW oscillators for phase locked applications 8-59254
 Josephson, W.D. *see* Williamson, D.L. 8-56411
 Joshi, A., Rustgi, S., Moss, H., Ries, P. E.S.R. of spin-trapped radicals in aqueous solutions of peptides. Reactions of the hydroxyl radical 8-68993
 Joshi, A.W. *see* Nawab Singh 8-60086
 Joshi, B.C. *see* Joshi, J.C. 8-60508, 8-80394
 Joshi, G.C., Mitra, A.N. e^-e^+ annihilation studies in the 'Upsilon' region 8-54640
 Joshi, G.C. *see* Sinha, K. 8-69765
 Joshi, J. *see* Joshi, J.C. 8-60508, 8-80394
 Joshi, J.C., Joshi, J., Belwal, R., Joshi, B.C., Pandey, N.C. Non-radiative energy transfer from $\text{Sm}^{3+} \rightarrow \text{Nd}^{3+}$ in sodium borate glass 8-80394
 Joshi, J.C., Pandey, N.C., Joshi, B.C., Joshi, J. Energy transfer from $\text{UO}_2^{2+} \rightarrow \text{Nd}^{3+}$ in barium borate glass 8-60508
 Joshi, L.U. *see* Padmanabhan, P.K. 8-86962
 Joshi, M.C. *see* Sekhar, P. 8-83839
 Joshi, M.M. *see* Kumar, A. 8-72323
 Joshi, M.S., Ittyachen, M.A., Kotru, P.N. Dislocations and their spatial configuration in amethyst crystals 8-75674
 Joshi, N.V., Quintero, M. Photoconductivity study of a single crystal of GaGeS_2 grown by iodine transport 8-84252
 Joshi, R.S. *see* Risbud, A.C. 8-70812
 Joshi, S.C. *see* Kulkarni, P.V. 8-69795
 Joshi, S.G., Srinivasan, P. Application of Laplace transform technique to the solution of certain third-order non-linear systems 8-81830
 Joshi, S.G., Srinivasan, P. The pulse response of non-linear third order systems 8-83313
 Joshi, S.K. *see* Singh, G.S. 8-91593
 Joshi, U.C. *see* Ram Sagar 8-89230, 8-93341
 Joshi, Y.N., Srivastava, R.P. Absorption spectrum of bismuth in the region 2300-1250 Å, using the flash pyrolysis technique 8-90105
 Joshi, Y.N., van Kleeff, Th.A.M. The sixth spectrum of selenium: Se VI 8-58616
 Joshi, Y.N. *see* Srivastava, R.P. 8-62748
 Joskowicz, G., Probst, P., Pachinger, O. A system for the quantitative evaluation of angiograms and scintigrams of the left ventricle 8-88736
 Joss, P.C. *see* Fechner, W.B. 8-73725
 Joss, P.C. *see* Hertz, P. 8-93463
 Joss, P.C. *see* Rappaport, S. 8-93470
 Joss, W., van der Mark, W. Stress dependence of the Fermi surface of palladium 8-91602
 Jost, Ch. *see* Buchi, R. 8-64894
 Jost, R.S. *see* Freund, R.S. 8-50598
 Jostlein, H. *see* Vidal, R. 8-89877
 Jostlein, H. *see* Yoh, J.K. 8-82344
 Jotaki, T., Tomita, Y., Fujimoto, K., Iwasaki, M. Pressure drop in an equilibrium region of vertical pneumatic transport of granular solids 8-63479
 Jotaki, T. *see* Yuo, S. 8-83455
 Jouanin, C. *see* Yangui, B. 8-63644
 Jouanne, M. *see* Zigone, M. 8-60468
 Joubert, F. *see* Valentin, G. 8-88515
 Joubert, J.C. *see* Besse, J.P. 8-51511
 Joubert, J.C. *see* Collomb, A. 8-52214, 8-52222
 Joubert, J.C. *see* Meyer, C. 8-84505
 Joubert, J.C. *see* Samaras, D. 8-52224
 Joubert, J.C. *see* Vincent, H. 8-51497
 Joubert, P. *see* Tantot, G. 8-83788
 Jouchoux, A. *see* Lemaire, P. 8-93185
 Joud, J.C. *see* Gandon, J. 8-76959
 Joud, J.-C. *see* Ixanov, B. 8-84029
 Joudi, K.A., James, D.D. Incipient boiling characteristics at atmospheric and subatmospheric pressures 8-90688
 Jouffrey, B. *see* Pinna, H. 8-54511
 Jouini, N., Verbaere, A., Tournoux, M. Contribution to the study of the systems thallium III, oxygen, rare earths: Phases TiLnO_3 (Ln=La, Nd, Sm, Eu, Gd) 8-95031
 Joukoff, B., Grimouille, G. Crystal growth and imperfections in gadolinium molybdate and other isotypic rare-earth molybdates 8-68617
 Joulie, A. *see* Allegre, J. 8-95602
 Joulie, A. *see* Aulombard, R.L. 8-80007
 Joulie, A. *see* Charfi, F. 8-75785

- Jourdain, J.L.**, Le Bras, G., Poulet, G., Combourieu, J., Rigaud, P., Leroy, B. UV absorption spectrum of CIO ($A^{2}II-X^{2}II$) up to the (1,0) band 8-74673
- Jouris, G.M.**, Shaffer, D.H. A procedure for estimating the probability of flaw nondetection 8-78479
- Jouris, G.M.** see Shaffer, D.H. 8-80641
- Jousset, M.**, Thusius, D. Analog analysis of exponential decays using a transient recorder 8-86244
- Jouve, G.**, Politi, A., Lacombe, P., Vuye, G. Study of some factors determining the growth and crystallisation of anodic films on titanium in acid medium 8-76788
- Jouve, H.** see Krishnan, R. 8-64237, 8-84458
- Jouve, H.** see Puchalska, I.B. 8-91914
- Jouve, H.** see Suran, G. 8-52359
- Jouve, P.** see Courtois, D. 8-50912
- Jouve, P.** see Khelifa, B. 8-80347
- Jouve, P.** see Monnanteuil, N. 8-82718
- Jovanovic, B.D.** The displacement of a mass point under the effect of various forcing conditions 8-86149
- Jovanovic, G.N.** see Catipovic, N.M. 8-83463
- Jovanovich, J.V.** Nucleon-nucleon bremsstrahlung experiments 8-62447
- Jovanovich, J.V.** see Beveridge, J.L. 8-62446
- Jove, J.**, Pages, M., Gal, J., Potzel, W., Kalvius, M.G. Mossbauer spectroscopy study of a neptunium fluoride glass: $NpBa_6Cr_{12}F_{64}$. Evidence of charge states +3 and +4 8-88231
- Jovic, L.A.** see Afgan, N.H. 8-51222
- Jow, H.N.** see Cohen, B.L. 8-85381
- Jow, T.**, Wagner, J.B., Jr. On the electrical properties of cuprous iodide 8-56193
- Joy, D.C.** see Schmidt, P.H. 8-93783
- Joyce, B.A.** see Foxon, C.T. 8-84084
- Joyce, J.B.** PDX overview and status report 8-54985
- Joyce, W.B.** Analytic approximations for the Fermi energy in (Al,Ga)As 8-63973
- Joyce, W.B.**, Dixon, R.W. Electrical characterization of heterostructure lasers 8-79020
- Joye, A.M.R.** see Spear, R.H. 8-70559
- Joye, B.** see Schneider, R. 8-67544
- Joyner, D.J.** see Betteridge, D. 8-53300
- Joyner, R.W.**, Westerfield, M., Moore, J.W., Stockbridge, N. A numerical method to model excitable cells 8-53376
- Joyner, R.W.** see Carley, A.F. 8-72689
- Joyner, R.W.** see Isa, S.A. 8-56037
- Jozowska-Trzebiatowska, B.** see Strek, W. 8-64404
- Ju, I.** Some exact dyon solutions for the classical Yang-Mills field equation 8-54560
- Ju Rui** see Dong Bi-Zhen 8-90392
- Jucius, R.A.**, Kambic, G.X. Radiation dosimetry in computed tomography (CT) 8-69212
- Judah, J.** see Leiper, W. 8-72439
- Judd, A.M.** see Cooper, M.G. 8-90647
- Judd, B.R.** Ligand trajectories for a degenerate Jahn-Teller system 8-76028
- Judd, G.** see Brofman, P.J. 8-56645
- Judd, G.** see Chen, C. 8-64568
- Judd, M.W.** see Holmes, J.N. 8-63251
- Judd, R.L.** see Shoukri, M.S.M. 8-90651
- Judd, R.L.** see Sultan, M. 8-71267
- Judeikis, H.S.**, Stewart, T.B., Wren, A.G. Heterogeneous conversion of SO_2 to sulfate 8-80789
- Judeikis, H.S.**, Wun, M. Measurement of chlorine atom diffusion 8-71417
- Judish, J.P.** see Chen, C.H. 8-66647, 8-94307
- Judy, J.H.** see Gill, H.S. 8-63947
- Judy, J.H.** see Nelson, J.R. 8-68338
- Judy, P.F.** see Gould, R.G. 8-53483
- Jue Changkeun** see Changkeun Jue
- Jue-Lian Shen** see Shen Jue-Lian
- Juen-ching Li** see Li Juen-ching
- Jugaku, J.** see Dupree, A.K. 8-96569
- Jugnet, Y.**, Tran Minh Duc Coverage dependent photoelectron spectroscopy of CO chemisorption on Cu (111): evidence for two adsorption sites 8-95647
- Jugnet, Y.** see Tran Minh Duc 8-84703
- Juhl, B.** see Lundsgaard, J.S. 8-53560
- Juillerat, R.** see Bouttes, J. 8-81530
- Juillot, P.** see Braun, H. 8-58208
- Juillot, P.** see Eisenberg, Y. 8-54657
- Julesz, B.** Visual texture discrimination using random-dot patterns: comment 8-65013
- Julesz, B.** Recent results with dynamic random-dot stereograms 8-80879
- Julesz, B.** see Caelli, T. 8-53412, 8-85310
- Julia, B.** see Cremer, E. 8-70038
- Julia, Y.H.**, Renaud, J.F., Ferrand, D.J., Malbrunot, P.F. Device for automatic thermal conductivity measurements 8-54362
- Julian, B.R.** see Sengupta, M.K. 8-73316
- Julien, P.F.**, Helmken, H.F. Faint X-ray sources detected near COS B γ -ray positions 8-54093
- Julien, R.**, Rodier, N., Tien, V. Structure of mixed sulphide of uranium and scandium $UScS_3$ 8-79576
- Julin, R.**, Kantele, J., Luontama, M., Passoja, A., Poikolainen, T. A walk-free centroid method for lifetime measurements with pulsed beams 8-70715
- Julin, R.** see Ellegaard, C. 8-74331
- Jull, A.J.T.** see Pillinger, C.T. 8-61763
- Jullien, J.** see Botter, R. 8-92572
- Jullien, R.** see Bhattacharjee, A.K. 8-84406
- Jullien, R.** see Coqblin, B. 8-91869
- Jullien, R.** see Iglesias-Sicardi, J.R. 8-56133, 8-84197
- Julve, J.**, Tonin, M. Quantum gravity with higher derivative terms 8-77789
- Juma, S.M.**, Mulvey, T. Miniature rotation-free magnetic electron lenses for the electron microscope 8-78042
- Jumaily, A.M.** see Al Jumaily, A.M.
- Jumper, E.J.** Transient analysis of a laser supported detonation wave using Whitham's rule 8-59423
- Jun Jung-Hwan** see Jung-Hwan Jun
- Jun Wang** see Wang Jun
- Jun Wang Li** see Wang Li Jun
- Jun Zhang** see Zhang Jun
- Jun-da Wang** see Wang Jun-da
- Jun-Dao Cai** see Cai Jun-Dao
- Jun-han You** see You Jun-han
- Jun-ichi Kubota** see Jinno, K. 8-86996
- Jun-ichi Sakai**, Kimura, T., Kitayama, K., Ikeda, M., Kato, Y. Design considerations of broadband dual-mode optical fibers 8-94437
- Jun-Jian Wang** see Wang Jun-Jian
- Jun-Sheng Guo** see Guo Jun-Sheng
- Jun-Zhen Yang** see Yang Jun-Zhen
- Juncar, P.** see Huber, G. 8-78826
- Juncar, P.** see Jacquinot, P. 8-89449
- Juncar, P.** see Liberman, S. 8-86829
- Jundt, F.C.** see Guillaume, G. 8-94308
- Jung, C.** see Scharfberg, P. 8-74575
- Jung, Ch.**, Kruger, H. On the accuracy of soft-photon approximations for resonance free-free transitions 8-70935
- Jung, Ch.** see Kruger, H. 8-62917
- Jung, Ch.** see Sauer, J. 8-78613
- Jung, G.** see Wohn, F.K. 8-78318
- Jung, G.** see Wunsch, K.D. 8-93975
- Jung, J.** see Brooks, J. 8-70636
- Jung, J.** see Fasolo, J. 8-54973
- Jung, M.** see Corden, M.J. 8-62470
- Jung, P.** Subthreshold irradiation effects in quenched platinum 8-51585
- Jung, P.**, Sagues, A.A., Schroeder, H., Auer, H.J. Creep and creep rupture of thin stainless steel specimens 8-72817
- Jung, P.**, Viehweg, J., Schwaiger, C. Cooling and temperature-stabilizing of thin specimens for mechanical measurements under light ion bombardment 8-86278
- Jung, R.** see Appel, E. 8-58513
- Jung, T.**, Braune, W. Deformation theory of the charge-carrier spectrum in bismuth 8-84235
- Jung Gil Shin**, Kassam, A. Three-level coincidence-correlator detectors 8-63245
- Jung Hyun Chai** see Hyun Chai Jung
- Jung-Hwan Jun** Energy ratios for trimuons produced through a heavy-lepton cascade decay 8-66103
- Jung-Kai Hong** see Chien-er Lee 8-50032
- Junger, M.C.** Impedance of acoustic and structural waveguides at their cutoff frequencies 8-59215
- Junghans, G.** see Berg, U.E.P. 8-93966
- Jungman, A.**, Cohen-Tenoudji, F., Quentin, G. Diffraction experiments in ultrasonic spectroscopy; preliminary results on the characterization of periodic or quasi-periodic surfaces 8-60974
- Jungman, A.** see Tittmann, B.R. 8-76793
- Jungnickel, B.J.** Method for the quantitative characterization of the supermolecular structure of highly oriented polymers 8-75565
- Jungowski, W.M.** Some self-induced supersonic flow oscillations 8-67215
- Jungst, K.-L.** see Jackle, J. 8-79709
- Junker, B.R.**, Huang, C.L. Complex-coordinate method. Structure of the wave function 8-94190
- Junkhan, G.H.** Some effects of mechanically-produced unsteady boundary layer flows on convective heat transfer augmentation 8-71261
- Junkins, J.L.**, White, C.C., III, Turner, J.D. Star pattern recognition for real time attitude determination 8-96380
- Junkkarinen, V.T.** see Roberts, D.H. 8-93449
- Junod, A.** Linear-chain model to explain density of states and T_c changes with atomic ordering 8-91800
- Jupavtsev, V.V.** see Klyushnikov, V.D. 8-62082
- Jupp, D.L.B.** Estimation of the magnetotelluric impedance functions 8-85731
- Jura, J.**, Pospiech, J. The determination of orientation distribution function from incomplete pole figures—an example of a computer program 8-64804
- Jura, J.**, Pospiech, J., Mazur, J.H. Determination of orientation distribution function from pole figures with reflection coincidences 8-68846
- Jura, J.** see Maciosowski, A. 8-92273
- Jura, M.** Polarization in elliptical galaxies? 8-93399
- Jurak, A.** see Babecki, J. 8-62524
- Jurek, R.** see Truchetet, F. 8-55163
- Jurela, Z.**, Jokic, T. Absolute calorimeter for measuring low energy outputs from CO_2 lasers 8-55396
- Jureta, J.**, Cvejanovic, S., Brunt, J.N.H., Read, F.H. Threshold electron spectroscopy of krypton atoms 8-70936
- Jurewicz, A.** The magnetic-dipole photoexcitation $N \rightarrow A$, singular integral equations and their polynomial ambiguity 8-50040
- Jurewicz, A.** Photoproduction of pions on nucleons in the resonance region and the M1 and E2 photoexcitation $N \rightarrow \Delta(1236)$ 8-70377
- Jurgens, B.** see Hopman, H.J. 8-59622
- Jurgens, B.** see Sinman, A. 8-63573
- Jurgens, G.**, Kempe, M., Löffler, H. Investigation into the decomposition kinetics of Al-Zn-Mg alloys using isothermal Young's modulus measurements 8-64522
- Jurgensen, K.** Gaussian pulse transmission through monomode fibers, accounting for source linewidth 8-83073
- Jurkiewicz, J.**, Wosiek, J. Pade approximants on a lattice 8-57817
- Jursa, J.** see Janca, J. 8-80479
- Jursich, M.**, Brown, H.A. Note on the constant coupling approximation 8-76213
- Jurusik, J.** see Zdanowicz, W. 8-68336
- Jury, S.H.** Transport phenomena in heterogeneous media 8-65885
- Jusiak, S.** see Hubicki, Z. 8-58860, 8-58861
- Juska, G.**, Vengris, S., Arlauskas, K. Electron lifetime in amorphous selenium 8-87985
- Juska, G.** see Petravicius, A. 8-84233
- Jussila, K.** see Butusov, M. 8-72487
- Just, M.**, Maintzer, N., Blech, I. Stress in transparent conductive Sn-doped indium oxide thin films 8-51861
- Just, M.** see Goerlach, U. 8-78429
- Just, R.** see Hochman, E. 8-61455
- Just, W.** see Auger, P. 8-92270
- Just, W.** see Blaschko, O. 8-67825
- Just, W.** see de Novion, C.-H. 8-83809
- Just, W.** see Seitz, E. 8-51568
- Justesen, J.** see Frederiksen, V.P. 8-61312
- Justi, S.**, Bragg, R.H. Tensile properties of directionally solidified Al-Si eutectic 8-64531
- Justice, B.** Strength considerations of optical waveguide fibres 8-59128
- Justice, B.**, Gulati, S. Tensile tester for long optical fibers 8-83123
- Justus, C.G.**, Hargraves, W.R., Mikhail, A., Graber, D. Methods for estimating wind speed frequency distributions 8-92908
- Juszkiewicz, A.** see Zapior, B. 8-75730
- Juttner, B.** Minimum conditions for cathode erosion by electrical discharges in UHV 8-75461
- Juttner, B.** see Rohrbeck, W. 8-75462
- Juttner, B.** see Siemroth, P. 8-75463
- Juttner, K.** see Staikov, G. 8-68635, 8-68636
- Juul Rasmussen, J.** see Michelsen, P. 8-75310
- Juy, M.** see Fimbel, J. 8-53684
- Juza, J.**, Mares, R. Equation of state for saturated and superheated steam D_2O up to $500^\circ C$ 8-79401
- Jwu-Lin Yeh** see Lee, B.W. 8-68084
- Jyh-Yun Wang** see Gustafson, D.E. 8-77141, 8-77142
- Jyoti, B.G.** see Mummigatti, V.M. 8-70811
- Jyowo, K.** see Miyake, Y. 8-83408
- Kaae, J.L.** see Villagrana, R.E. 8-84846
- Kaahwa, Y.** see Hanscomb, J.R. 8-54397
- Kaase, H.** see Bischoff, K. 8-82037
- Kaasik, A.A.** see Luud, L.S. 8-93243
- Kaat, E.** see Kaat, E.
- Kaatze, U.**, Gottmann, O., Podbielski, R., Potzel, R., Terveer, U. Dielectric relaxation in aqueous solutions of some oxygen-containing linear hydrocarbon polymers 8-52437
- Kabachnik, N.M.** see Balashov, V.V. 8-86831
- Kabachnik, N.M.** see Berezhenko, E.G. 8-58633, 8-58837, 8-74622, 8-78789
- Kabacoff, L.T.** see Hines, W.A. 8-68400
- Kaballa, A.P.** see Edwards, R.J. 8-59319
- Kabalkina, S.S.** see Duzheva, T.I. 8-59947
- Kaban, V.V.** see Belyanin, E.E. 8-62194
- Kabannik, V.A.** see Artemyev, A.N. 8-66447
- Kabanov, A.N.** see Grachev, E.L. 8-86387
- Kabanov, A.N.** see Vasichev, B.N. 8-70233
- Kabanov, A.N.** see Vyatskin, A.Ya. 8-71777, 8-88387
- Kabanov, G.L.**, Nikolaev, V.A., Pavlov, A.I., Slivkov, I.N. Radiation source based on an optical discharge in xenon 8-87116
- Kabanov, I.S.** see Anistratov, A.T. 8-76396
- Kabanov, L.P.** see Marinov, M.I. 8-67257
- Kabanov, V.A.** see Dorfman, N.A. 8-65363

- Kabanov, Yu.P.**, Krasnov, A.P. Some characteristics of the dislocation structure of plastically bent InSb single crystals 8-59816
- Kabanskii, A.E.** see Styrov, V.V. 8-72239
- Kabasakal Tulunay, Y.**, Grebowky, J.M. The noon and midnight mid-latitude trough as seen by Ariel 4 8-85765
- Kabdin, N.N.** see Galkin, A.A. 8-86311
- Kabele, T.J.**, Heeb, C.M., Schneider, K.J., Kennedy, W.E., Lewallen, M.A. Effluents from the LWR stowaway fuel cycle 8-94110
- Kabelka, H.** see Singh, S.P. 8-83203
- Kabelka, V.** see Danelius, R. 8-71150
- Kabemoto, S.** see Kino, T. 8-59799
- Kabina, L.P.** see Alexeev, V.L. 8-54721
- Kabisch, O.** see Ciach, R. 8-92265
- Kabisch, O.** see Löffler, H. 8-95811
- Kabisov, R.S.** see Buishvili, L.L. 8-60356
- Kable, W.** see Gundel, H. 8-71614
- Kableka, H.**, Kuzmany, H. Direct determination of intensity fluctuations of acoustic phonons after strong nonlinear amplification 8-59909
- Kableka, V.** see Ivanova, Z.I. 8-71151
- Kabler, M.N.** see Williams, R.T. 8-56473
- Kabo, M.** see Goldsmith, W. 8-80909
- Kabos, P.** see Hanajikova, D. 8-55281
- Kabre, T.S.** see Guittard, M. 8-75648
- Kabsch, W.** A discussion of the solution for the best rotation to relate two sets of vectors 8-91184
- Kabza, Z.** A cylindrical, convergent unit for measuring gas flowrate 8-67296
- Kabza, Z.** Constricting device for flowmeters of viscous liquids and gases 8-75241
- Kachalov, O.V.**, Grechushnikov, B.N., Ilyukhin, V.V. The influence of effects of a static field on vibrations of $(\text{ReO}_4)^-$ ions in perhenates of rare earth elements (Nd, Eu, Gd, Dy) 8-76470
- Kachan, Yu.G.** see Ovsienko, A.K. 8-49824
- Kachanov, B.O.** see Belotserkovskii, S.M. 8-67079
- Kachanov, L.M.** Growth of cracks in conditions of creep 8-63379
- Kachanov, L.M.** Creep and failure in complex loading 8-79664
- Kachanov, V.A.** see Apel', V.D. 8-78223
- Kachanov, V.A.** see Donskov, S.V. 8-78549
- Kacharias, K.** see Gajewski, H. 8-75328
- Kacherets, T.I.** see Al'tshuler, A.M. 8-60047, 8-87746
- Kachhava, C.M.** see Dass, L. 8-51468
- Kachi, S.** see Ueda, Y. 8-76619
- Kachinskii, A.V.** see Zaporozhchenko, V.A. 8-86301
- Kachinskii, V.N.**, Ivanov, V.A., Zisman, A.N., Stishov, S.M. Thermodynamics of the nematic liquid crystal-isotropic liquid phase transition at high pressures 8-87778
- Kachinskii, V.N.** see Predtechenskii, B.S. 8-52029
- Kachkin, S.S.** see Kalinina, M.A. 8-90544
- Kachkin, S.S.** see Zolotarev, V.M. 8-88375
- Kachkurova, I.Ya.**, Yamshchikov, E.F. High-power tubular low-voltage lamps of a continuous spectrum for vacuum ultraviolet, filled with a mixture of noble gases 8-75451
- Kachlishvili, Z.S.** see Bhattacharya, D.P. 8-56163, 8-76081
- Kachnova, K.A.** see Shnyrev, P.D. 8-73004
- Kachru, R.** see Flusberg, A. 8-83041
- Kachurin, G.A.**, Nidaev, E.V. Effectiveness of annealing of implanted layers by millisecond laser pulses 8-55885
- Kachurin, G.A.** see Chernysheva, N.Y. 8-63782
- Kachurin, G.A.** see Dvurechensky, A.V. 8-87702
- Kachurina, E.E.** see Semileto, S.A. 8-72039
- Kacir, L.**, Narkis, M., Ishai, O. Aligned short glass fibre/epoxy composites 8-72761
- Kacprowski, J.**, Motylewski, J. Electroacoustic equipment for the measurement and analysis of noise and for the acoustic diagnostics of machines 8-63249
- Kaczanowski, R.**, Chatlinski, L. Digital system for non-contact measurements of linear dimensions in a production process 8-93652
- Kaczinski, E.S.** see Horvay, G. 8-90684
- Kaczowski, Z.I.** Piezomagnetic properties of the ultrasound 23 kHz transducers made from industrial AlFe12 alloy 8-59240
- Kaczmarek, F.** see Borkowski, B. 8-92184
- Kadaner, E.S.** see Drits, M.E. 8-80515
- Kadanoff, L.P.** Lattice Coulomb gas representations of two-dimensional problems 8-70068
- Kadanoff, L.P.** see Maris, H.J. 8-62012
- Kadansky, V.** see Althoff, K.H. 8-66125
- Kadar, G.**, Hegedus, C.J., Torre, E.D. Cylindrical demagnetization matrix. [Computer program description] 8-76274
- Kadar, I.** see Kover, L. 8-95653
- Kadchenko, V.N.**, Elango, M. Diffusion approach to the photostimulated electron emission of ionic crystals after photoexcitation 8-52641
- Kadchenko, V.N.** see Elango, M.A. 8-92132
- Kadefors, R.** see Lindstrom, L. 8-57093
- Kadel, R.W.** see Cester, R. 8-66145
- Kader, A.A.** see Elmanharawy, M.S. 8-92093
- Kader, B.A.**, Borisova, R.D., Makeyev, A.A., Gukhman, A.A., Dilmann, V.V. Theoretical and experimental study of turbulent heat transfer in the entry tube region at high Prandtl numbers 8-94716
- Kader, B.A.** see Borisova, R.D. 8-83383
- Kadibelban, R.** see Ahrens-Botzong, R. 8-63529
- Kadievskii, G.M.** see Fedotov, V.D. 8-88219
- Kadigrobov, A.M.** see Slutskin, A.A. 8-76062, 8-91687
- Kadirov, A.G.** see Radjabov, T.D. 8-66003
- Kadirova, R.** see Mirzaeva, M. 8-89536
- Kadota, K.**, Tsuchida, K., Kawasumi, Y., Fujita, J. Plasma diagnostics by neutral beam probing 8-63590
- Kadota, K.** see Toi, K. 8-71527
- Kadota, S.** see Baba, K. 8-93987
- Kadota, T.** see Yoshihara, H. 8-88429
- Kadota, Y.** see Hosono, K. 8-82343
- Kadota, Y.** see Nakamura, M. 8-54754
- Kaduk, B.** see Reidenbach, H.D. 8-80945
- Kadura, P.**, Kunne, L. From small to infinite FCC clusters 8-79920
- Kadwani, M.G.** see Singh, A.N. 8-82524
- Kadyk, J.A.** see Heile, F.B. 8-74238
- Kadyk, J.A.** see Jaros, J.A. 8-50042
- Kadyk, J.A.** see Peruzzi, I. 8-74252
- Kadyk, J.A.** see Tanenbaum, W. 8-66113
- Kadykova, G.N.** see Lysatoskii, I.V. 8-88462
- Kadysh, I.J.** see Demirkhanov, R.A. 8-75474
- Kadyshevsky, V.G.** Fundamental length hypothesis and new concept of gauge vector field 8-93836
- Kadzialko-hofmohl, M.** see Kruczyk, J. 8-53614
- Kadzov, G.D.** see Aleksandrov, G.N. 8-67468
- Kaech, G.**, Epprecht, W. New form of metastable precipitate and amorphous phase in an Al-Cu (2.12 at.% Cu) irradiated by laser 8-80552
- Kaekebeke, M.** see Atkinson, D. 8-54621
- Kaekina, T.M.** see Vas'kova, V.I. 8-84042
- Kaelble, D.H.** see Smith, T. 8-88633
- Kaellis, J.**, Wasan, D.T., Taylor, D.B., Miller, D. Influence of the Stefan-Nusselt effect on the mass transfer rate-applications to moving boundary problems 8-93633
- Kaesar, K.** see Schaller, L.A. 8-66195
- Kaesar, K.** see Schneuwly, H. 8-58874
- Kafafov, A.A.** see Grachev, E.L. 8-86387
- Kafafov, A.A.** see Vasichev, B.N. 8-70233
- Kafalas, J.A.** see Hong, H.Y.-P. 8-91479
- Kafarov, V.V.**, Aleksandrovskii, A.A., Dorokhov, I.N., Akhmadiev, F.G. Flow of two-phase mixtures in a rotary mixer 8-63485
- Kafengaus, A.P.** see Simonovskii, F.I. 8-87807
- Kafengauz, N.L.** see Alad'ev, I.T. 8-79186
- Kafer, P.** see Charlesby, A. 8-66702
- Kaffrell, N.** see Kurcewicz, W. 8-86504
- Kaffrell, N.** see Summerer, K. 8-82313
- Kafiev, Yu.N.** Quantum fluctuations of instants in nonlinear $O(3)$ σ -model 8-74161
- Kafka, N.** see Kirby, J.A. 8-66595
- Kafka, P.** see Augustin, W. 8-78481
- Kafka, T.** see Singer, R. 8-54659
- Kafri, O.** see Bar-ziv, E. 8-58754
- Kafrouni, H.** see Gleizes, A. 8-59687
- Kaftam-Kassim, M.A.** see Stocke, J.T. 8-57657
- Kaftanov, V.S.** see Asratyan, A.E. 8-62389
- Kaftanova, O.N.** see Mikhailov, R.I. 8-84780
- Kaga, H.** X-ray edge singularities of relaxed-out bound states and relaxed-in band states 8-92173
- Kaga, H.**, Kashida, S., Umehara, S. Ultrasonic properties of pure and Ag-doped amorphous chalcogenides (As_2S_3 , As_2Se_3) 8-51616
- Kaga, H.** see Yaji, S. 8-87848
- Kaga, K.** see Sakamoto, K. 8-89864
- Kagali, B.A.** Note on the correlation of photon polarizations in positronium annihilation 8-78158
- Kagami, J.** see Yamada, K. 8-87309
- Kagami, Y.** see Michida, S. 8-63339, 8-63340
- Kagan, B.A.**, Oganessian, L.A., Ryabchenko, V.A. The distribution of passive admixture from an instantaneous point source in the world ocean (a numerical experiment) 8-69372
- Kagan, G.E.**, Kosheleva, V.Yu., Gel'd, P.V., Kurumchina, S.Kh. Influence of the $\alpha\leftrightarrow\beta$ phase transformation on physico-mechanical properties of palladium and its alloys 8-68681
- Kagan, Ju.M.**, Milenin, V.M., Timofeev, N.A. Optical and electrical parameters of the mercury low-pressure discharge under pulse modulation 8-67491
- Kagan, M.H.**, Mendoza, E. Down with the history of relativity 8-86096
- Kagan, R.L.**, Lugina, K.M. The question of the use of surface-derived data in analyzing the upper-air pressure field 8-61523
- Kagan, V.D.** Theory of longitudinal magnetoresistance in weak magnetic fields 8-87965
- Kagan, V.Ye.**, Azizova, O.A., Arkhipenko, Yu.V., Kilaan, N.K., Kozlov, Yu.P., Vladimirov, Yu.A. Relationship between the structural and functional rearrangements of the membranes of the sarcoplasmic reticulum on peroxide oxidation of the lipids 8-69025
- Kagan, V.Ye.** see Novikov, K.N. 8-80872
- Kagan, Y.**, Knopoff, L. Statistical study of the occurrence of shallow earthquakes 8-96155
- Kagan, Yu.**, Pushkarev, V.V., Holas, A. An analysis of the 'tail' of the series in density for the Coulomb crystal energy 8-91300
- Kagan, Yu.M.** see Golubovskii, Yu.B. 8-51383
- Kagann, R.H.**, Ozier, I., Gerry, M.C.L. The microwave centrifugal distortion moment spectrum of $^{16}\text{OPF}_3$ 8-78684
- Kaganov, M.A.**, Rivkin, A.S. Generation of harmonic temperature variations 8-79193
- Kaganov, M.A.** see Ivanova, K.F. 8-62195
- Kaganov, M.I.** Singularities in the photon spectra of metals, caused by the local geometry of the Fermi surface 8-91401
- Kaganov, M.I.** see Zavaritskii, N.V. 8-91732
- Kaganov, V.Ya.** see Kazimirov, V.P. 8-56124
- Kaganov, Z.G.** see Achil'deva, E.S. 8-53151
- Kaganova, I.M.** see Arkhipov, R.G. 8-49847
- Kagarakis, C.A.** Chemical bonding in bismuth telluride 8-67680
- Kagawa, K.**, Ishikane, M. New light emission from the surface of KI crystal 8-84633
- Kagawa, M.** see Okazaki, K. 8-68722
- Kagawa, S.** see Ito, M. 8-87995
- Kagawa, Y.**, Shima, Y., Kawamura, T., Ichinokawa, T. Temperature dependence of sputtering rate of alkali halides by argon ion bombardment 8-88389
- Kagawa, Y.**, Yamabuchi, T. Finite element simulation of composite electrostrictive resonators 8-59237
- Kage, M.**, Nisitani, H. The effect of inclusions on the torsional fatigue of anisotropic rolled steel (examinations based on successive observation of specimen surface) 8-92314
- Kage, M.** see Nisitani, H. 8-68794
- Kagel, H.** see Becker, W. 8-75314
- Kagermann, H.** see Emmerlich, A. 8-73928
- Kageyama, K.** see Miyamoto, H. 8-67148
- Kaghazchi, B.**, Beck, M.S. Remote level and velocity measurement of rivers and open channels by analysis of random signals from surface waves 8-57328
- Kagiwada, R.S.** see Yen, K.H. 8-59251
- Kagoshima, S.**, Anzai, H., Ishiguro, T., Engler, E.M., Schultz, T.D., Tomkiewicz, Y. X-ray study of Peierls-superlattices and soft phonon anomalies in TTF-TCNQ and $\text{TTF}_{0.97}\text{TSeF}_{0.03}\text{-TCNQ}$ 8-75795
- Kagoshima, S.** see Tsutsumi, K. 8-59793
- Kahana, S.** see Baltz, A.J. 8-50206
- Kahl, Th.** see Alexander, G. 8-74251, 8-89766
- Kahl, Th.** see Berger, Ch. 8-62414, 8-89725
- Kahler, A.C.** see Yates, S.W. 8-50124
- Kahler, A.C.** see Zolnowski, D.R. 8-70556
- Kahler, R.L.** see Misakian, M. 8-70160
- Kahler, S.W.**, Hildner, E., Van Hollebeke, M.A.I. Prompt solar proton events and coronal mass ejections 8-77545
- Kahler, W.C.**, Koeman, H. User-controllable filtering cuts measurement errors in DVM 8-77931
- Kahlig, P.** Further auxiliary functions for non-stationary one-dimensional diffusion. I. Basic properties 8-54322
- Kahlig, P.** Auxiliary functions for non-stationary one-dimensional diffusion under forced convection. Basic properties and applications 8-93631
- Kahlweit, M.** see Chan, S.-K. 8-76928
- Kahn, A.**, So, E., Mark, P., Duke, C.B. Subsurface atomic displacements at the GaAs (110) surface 8-71912
- Kahn, A.**, So, E., Mark, P., Duke, C.B., Meyer, R.J. Surface and near-surface atomic structure of GaAs (110) 8-91515
- Kahn, A.** see Taubenblatt, M. 8-75916
- Kahn, E.**, Piquet-Pellorce, D., Roche, C. A method of automatic digital correlation to get an altimetric data file 8-61633
- Kahn, H.L.** see Emmel, R.H. 8-56926
- Kahn, L.M.**, Rasolt, M. Non-spherical contributions to the vacancy formation energy 8-83810
- Kahn, L.M.**, Ruvalds, J., Hastings, R. Plasmon spectrum of tetrathiafulvalene-tetracyanoquinodimethane (TTF-TCNQ) 8-84158
- Kahn, L.R.**, Hay, P.J., Cowan, R.D. Relativistic effects in ab initio effective core potentials for molecular calculations. Applications to the uranium atom 8-50483
- Kahn, L.R.** see Baybutt, P. 8-73026
- Kahn, L.R.** see Hay, P.J. 8-62704, 8-86767
- Kahn, O.** see Charlot, M.-F. 8-52239
- Kahn, P.G.K.**, Pompea, S.M. Nautiloid growth rhythms and dynamical evolution of the Earth-Moon system 8-96122
- Kahn, R.** see Chappak, G. 8-62678
- Kahn, R.** see Clech, G. 8-63749
- Kahn, R.** see Lemonnier, M. 8-66017

- Kahn, S.** *see* Harris, R. 8-82242
Kahn, S.A. *see* Baltay, C. 8-70354
Kahn, S.A. *see* Cnops, A.M. 8-78167
Kahn, S.A. *see* Kalelkar, M. 8-89700
Kahn Fide *see* Fide Kahn
Kahng, D. *see* Thornber, K.K. 8-80059
Kahng Woo-Hyung *see* Woo-Hyung Kahng
Kai, K. Relation between circular polarisation of moving type IV bursts and polarity of photospheric magnetic fields 8-53915
Kai, T. *see* Ebara, R. 8-53023
Kai, T. *see* Tomita, K. 8-54177
Kai Fong Lee *see* Chu, L.W.M. 8-71467, 8-87444
Kai Wong Seung *see* Seung Kai Wong
Kai-Sheng Hu *see* Hu Kai-Sheng
Kai-Shue Lam *see* Bellum, J.C. 8-90278
Kaibara, M. *see* Tanaka, S. 8-63434
Kaibyshev, O.A., Rodionov, V.B., Valiev, R.Z. Observation of dislocations in the superplastic deformation of alloys of the Zn-Al system 8-51549
Kaibyshev, O.A., Salikhov, S.Ya. Measurement of plasticity parameters under superplastic flow conditions 8-60710
Kaibyshev, O.A., Sharif'yanov, F.Sh., Chernysh, V.V. Unit for dynamic testing of materials over a wide range of temperatures 8-60908
Kaibyshev, O.A. *see* Valiev, R.Z. 8-64605
Kaick, G. *van see* van Kaick, G.
Kaida, K. *see* Ueda, M. 8-86368
Kaidalov, A.B. *see* Grigoryan, A.A. 8-54583, 8-93824
Kaidanov, V.I. *see* Volotskoi, M.P. 8-54384
Kaieda, Y. *see* Oguchi, A. 8-76711, 8-76795
Kaifu, N. *see* Fukui, Y. 8-73750
Kaigorodov, V.N. *see* Vladimirov, A.B. 8-67863, 8-75880
Kaigorodtsev, A.E. *see* Borisenkov, E.P. 8-92945
Kaigorodtsev, E.E. *see* Pokrovskii, O.M. 8-88883
Kaiholo, L., Laine, E., Tiihikka, E. Observation of X-ray interferences on thin films by energy dispersive method 8-79499
Kaijser, P. *see* Janis, W.J. 8-62857
Kailas, S., Gupta, S.K. Volume integrals of real part of nucleon optical potentials 8-78339
Kailas, S. *see* Balakrishnan, M. 8-54777
Kailath, T. *see* Morf, M. 8-53735
Kaimachnikov, N.P., Sel'kov, Ye.Ye. Mathematical model of the adaptation of on energy metabolism of the cell. Effect of ATP on the activity and concentration of the enzyme of the initiator stage 8-64950
Kaimakov, Ye.A. Formation of amino acid sequences 8-95993
Kaimakov, Ye.A. Threadlike crystals of the nucleotides 8-95994
Kaimakov, Ye.A. Irradiation of threadlike crystals growing from amino acids 8-96009
Kaimal, J.C. Horizontal velocity spectra in an unstable surface layer 8-73427
Kaimal, J.C., Haugen, D.A. An acoustic Doppler sounder for measuring wind profiles in the lower boundary layer 8-65413
Kaino, H. Charge-carrier generation in anthracene by the singlet-singlet collision-ionization process and the singlet photoionization process 8-72195
Kaipov, B., Tavshunskii, G.A. Absorption spectra of CaF_2 -TRF₃ and SrF_2 -TRF₃ crystals irradiated with gamma rays. I 8-72565
Kaipov, E., Tavskunskii, G.A., Gapparov, N. Absorption spectra of CaF_2 -REF₃ and SrF_2 -REF₃ crystals irradiated with γ rays. II. SrF_2 -REF₃ 8-84615
Kaise, M. *see* Brown, J.M. 8-86896
Kaiser, H.-J., Mende, H.H. Measuring equipment for determining stress-strain curves of fine metal fibres by taking X-ray topographies in an X-ray goniometer 8-92413
Kaiser, J.A.C. Heat balance of the upper ocean under light winds 8-69355
Kaiser, P. NA-dependent spectral loss measurements of optical fibers 8-66942
Kaiser, P. *see* Tasker, G.W. 8-71199
Kaiser, R., Spengler, W., Schickanz, S., Politis, C. Raman spectra and superconductivity of various phases of a high- T_c superconductor: NbN 8-68506
Kaiser, R. *see* Spengler, W. 8-52499
Kaiser, T., Von Gunten, H.R. Independent yields of ^{90}Nb and 51 min ^{90}Nb in the thermal neutron-induced fission of ^{233}U , ^{235}U and ^{239}Pu 8-54807
Kaiser, T., von Gunten, H.R. Cumulative mass yields in the neutron-induced fission of ^{239}Pu at the resonance energy of 0.3 eV 8-70578
Kaiser, T.B., Birmingham, T.J., Jones, F.C. Computer simulation of the velocity diffusion of cosmic rays 8-53777
Kaiser, T.B. *see* Jones, F.C. 8-53776
Kaiser, W. *see* Daree, K. 8-63209
Kaiser, W. *see* Kopainsky, B. 8-74900, 8-78745
Kaiser, W. *see* Laubereau, A. 8-74665, 8-94414
Kaiser, W. *see* Seilmeier, A. 8-94331
Kaiser, W. *see* von Egidy, T. 8-66215
Kaishev, R. *see* Milchev, A. 8-61025
Kajantie, K., Lindfors, J., Raitio, R. QCD angular correlations for muon pair production 8-49976
Kajantie, K., Raitio, R. Gluon effects in muon pair production 8-78148
Kaji, M. *see* Ishigai, S. 8-67016
Kaji, N., Tochitani, Y., Komotori, K. Direct-contact heat transfer to droplets in an intermittent electric field 8-94872
Kajikawa, R. *see* Fukushima, M. 8-62409
Kajikawa, T. *see* Yumura, S. 8-88685
Kajimura, K. *see* Fossheim, K. 8-52443
Kajloka, H. *see* Kikoshiba, K. 8-90497
Kajitani, T., Cook, H.E. On the influence of strain energy on order-disorder transformations 8-84796
Kajitani, T. *see* Shapiro, S.M. 8-91398
Kajiura, N. *see* Kamae, T. 8-82215
Kajiura, M. *see* Nishimura, J. 8-61933
Kajiura, M. *see* Yamagami, T. 8-61644
Kajiyama, K., Hata, S., Sakata, S. Dynamic mode interaction in multi-mode laser diodes 8-55354
Kajiyama, K. *see* Urisu, T. 8-82759
Kajrys, G. *see* Del Bianco, W. 8-78395
Kak, A.C., Dines, K.A. Signal processing of broadband pulsed ultrasound: measurement of attenuation of soft biological tissues 8-77094
Kakac, S., Ergur, H.S., Ucar, I., Veziroglu, T.N. The effect of inlet subcooling on sustained and transient boiling flow instabilities in a single channel upflow system 8-94809
Kakac, S. *see* Yucel, B. 8-94530
Kakar, R.K., Cohen, E.A., Geller, M. The rotational spectrum and molecular parameters of ClO in the $v=0$ and $v=1$ states 8-70821
Kakarala, C.R. *see* Grant, G. 8-82504
Kakichashvili, Sh.D. Complex n-colour kinoform 8-66790
Kakigi, S. *see* Deschamps, Y. 8-90022
Kakigi, S. *see* Tanaka, S. 8-89883
Kakihana, H. *see* Sakuma, Y. 8-56886
Kakimoto, A., Ogawa, I., Matsushita, T. Improvements on the measurements of dielectric constant and dissipation factor in a wide frequency range 8-49864
Kakinoki, J. *see* Takaki, Y. 8-91193
Kakitani, H. *see* Kakitani, T. 8-53336, 8-78757
Kakitani, T., Kakitani, H. Mechanism of photo-conversion among rhodopsin, bathorhodopsin and isorhodopsin 8-53336
Kakitani, T., Kakitani, H. An empirical relation between oscillator strengths calculated from the dipole length and dipole velocity formalisms in the optical absorption of conjugated molecules 8-78757
Kakiuchi, S. *see* Sellam, R. 8-77929
Kakizaki, A. *see* Wakabayashi, K. 8-51395
Kakoulidou, M. *see* Michaelidou, C. 8-93904
Kakoulidou, M. *see* Rohringer, H. 8-74277
Kaku, M., Townsend, P.K. Poincaré supergravity as broken superconformal gravity 8-62348
Kaku, M., Townsend, P.K., van Nieuwenhuizen, P. Properties of conformal supergravity 8-78085
Kaku, M. *see* Das, A. 8-54275
Kakui, Y., Nanjo, M., Nishimoto, A., Hashimoto, S., Minato, H., Sato, T., Suzuki, Y. Computer controlled laser radar system for remote monitoring of oil spills 8-92994
Kakui, Y. *see* Minato, H. 8-89527
Kakui, Y. *see* Sato, T. 8-77373
Kakurai, T. *see* Kawase, S. 8-59190
Kakurin, A.M. *see* Artemenkov, L.I. 8-87485, 8-91160
Kakutani, T., Ono, H. Note on obliquely propagating nonlinear Alfvén wave 8-75288
Kakutani, T., Yamasaki, N. Solitary waves on a two-layer fluid 8-83419
Kalaba, R., Zagustin, E. On an extension of A.N. Krylov's numerical method for determining the frequencies of small vibrations of systems with damping 8-67088
Kalaba, R.E., Zagustin, E.A. Reduction of linear two-point boundary value problems with non-separable boundary conditions to Cauchy systems 8-54158
Kalaba, R.E. *see* Bergman, R.N. 8-64920
Kalaba, R.E. *see* Zagustina, E.A. 8-86120
Kalachev, N.V. *see* Veretennikov, V.A. 8-74527
Kalachev, P.I. *see* Belogurov, V.N. 8-91849
Kalachikov, V.E. *see* Golovachev, M.G. 8-88580
Kaladze, T.D., Krinberg, I.A. Excitation of electrostatic cyclotron oscillation of ionospheric plasma at photo-ionization 8-63552
Kaladze, T.D., Tsamalashvili, L.V. Cyclotron wave spectra in a plasma containing ions of two types 8-59561
Kalaf, T.R., Wu, T.M. Model calculation for a liquid ferromagnet 8-88088
Kalafati, D.D., Popalov, V.V. Comparison of efficiency of heat transfer with flow of gases in smooth and rough channels 8-51243
Kalafati, D.D., Popalov, V.V. A comparison of longitudinal flow and cross flow around tube bundles with respect to heat transfer efficiency 8-94687
Kalamkarov, G.R. *see* Vanin, A.F. 8-53323
Kalandadze, N.B., Kolesnik, L.N. The space distribution of stars and dust in the galactic anticenter 8-73754
Kalandadze, T.M. *see* Gavrilenko, V.I. 8-60453
Kalantarov, V.D. *see* Gorshkov, V.K. 8-83853
Kalasek, V.K.I. *see* Jayaram, K. 8-87527
Kalashnik, G.V. *see* Tsykanov, V.A. 8-86582
Kalashnik, L.D. *see* Parkhutik, P.A. 8-84792
Kalashnikov, A.V. *see* Gusev, A.V. 8-83320
Kalashnikov, N.I. *see* Frantov, G.S. 8-78858
Kalashnikov, P.A. *see* Paramonov, A.N. 8-65332
Kalashnikov, S.D. *see* Varin, A.N. 8-57059
Kalashnikov, S.P., Klimov, I.I., Nikitin, V.V., Semenov, G.I. Recording of Fourier holograms using radiation emitted from pulse semiconductor lasers 8-50738
Kalashnikov, V.P. *see* Auslender, M.I. 8-88097
Kalasinsky, K.S. *see* Durig, J.R. 8-70842, 8-82728
Kalasinsky, V.F. *see* Durig, J.R. 8-62940, 8-70842, 8-82728
Kalau, M. *see* Dittmann, H. 8-93658
Kalb, M. Magnetic monopoles in a gauge field theory from vortex strings 8-70283
Kalbach, C. Exciton number dependence of the Griffin model two-body matrix element 8-82326
Kalberla, P. *see* Reich, W. 8-96391
Kalbfleisch, E. *see* Seyler, R.J. 8-77902
Kalbfleisch, H., Melchior, K. Susceptibility of DyPO_4 near the magnetic phase boundaries 8-52258
Kalbhen, P. Dynamic torque measurements 8-73987
Kaldis, E. *see* Kotzler, J. 8-76339
Kaldis, E. *see* Ott, H.R. 8-68239
Kaldis, E. *see* Pena, J.L. 8-68085
Kaldis, E. *see* Schlegel, A. 8-56450
Kaldis, E. *see* Wachter, P. 8-60278
Kaldor, A. *see* Rabinowitz, P. 8-94411
Kaldor, A. *see* Stein, A. 8-87045
Kaldor, S.E., Saunders, W.H., Jr. The contributions of zero point energy effects and tunneling to 'normal' deuterium kinetic isotope effects 8-56889
Kaldor, U. *see* Klonover, A. 8-50640
Kalejs, J.P. Impurity redistribution in EFG 8-91280
Kalelkar, M., Baltay, C., Caroumbalis, D., French, H., Hibbs, M., Hylton, R., Orance, W., Cnops, A.M., Connolly, P.L., Kahn, S.A., Kirk, H.G., Murtagh, M.J., Palmer, R.B., Samios, N.P., Tanaka, M. Recent results from neutrino interactions in heavy neon 8-89700
Kalelkar, M. *see* Baltay, C. 8-70354
Kalelkar, M. *see* Cnops, A.M. 8-78167
Kalender'yan, V.A. Heat output by a particulate solid transported by a gas in a pipe with the heat component of the solid varying along the length 8-63486
Kalender'yan, V.A., Nerushev, Yu.F. Temperature field in and heat flow to a dense blown layer in a plane duct 8-83402
Kaler, J.B., Iben, I., Jr., Becker, S.A. On the enhancement of helium and nitrogen in planetary nebulae 8-93376
Kalestynski, A., Smolinska, B. Addition of complex optical signals in a compacted autoidolon 8-66776
Kalestynski, A. *see* Smolinska, B. 8-50711
Kaletta, D. Low-cycle irradiations of vanadium with 2-MeV helium ions at elevated temperatures 8-95086
Kaletta, D., Stubbins, J. The annealing behaviour of vanadium, previously irradiated with 210 keV helium at 625°C to high fluences 8-67751
Kalf, H. Non-existence of eigenvalues of Schrödinger operators 8-81878
Kalfas, C.A. *see* Martin, P.W. 8-80828, 8-94960
Kalaganov, N.V. *see* Asratyan, A.E. 8-62389
Kalgin, Yu.A. *see* Abdullaev, A.A. 8-72525
Kalhor, H.A. Scattering of electromagnetic waves by arrays of conducting cylinders interspaced by inhomogeneous dielectrics 8-78862
Kalia, R.K., Quinn, J.J. Exchange instabilities in a n-type silicon inversion layer 8-52052
Kalia, R.K., Vashishta, P. Surface structure of electron-hole drops in germanium and silicon 8-60058
Kaliaguine, S.C. *see* Ba, L.B. 8-91057
Kalibjian, R. 100-ps framing-camera tube 8-70207
Kalibjian, R. *see* Coleman, L.W. 8-51362
Kalifa, J., Vernotte, J., Deschamps, Y., Poughcon, F., Rogbard, G., Vergnes, M., Wildenthal, B.H. $^{31}\text{P}(\text{He}, \text{d})^{32}\text{S}$ reaction at 25 MeV 8-78265
Kalifa, J. *see* Berrier-Ronsin, G. 8-50089
Kalifa, J. *see* Rotbard, G. 8-82279
Kalifa, J. *see* Vergnes, M. 8-86532

- Kalija, O.L.** see Preobrazhensky, V.B. 8-84342
- Kalikhman, A.D.** see Afraimovich, E.L. 8-61651
- Kalikhman, L.E.** see Bugrova, A.I. 8-79475
- Kalikstein, K.** see Goldman, S.R. 8-72189
- Kalikstein, K.** see Kramer, B. 8-80389
- Kalinenko, A.G.** see D'yakov, V.P. 8-86253
- Kalinin, A.P.** see Gruntman, M.A. 8-58554
- Kalinin, A.P.** see Zubkov, B.V. 8-86381
- Kalinin, B.A.** see Bazarov, B.A. 8-92281
- Kalinin, B.D.** see Velichko, Yu.I. 8-61108
- Kalinin, B.N.** see Saruev, G.A. 8-78562
- Kalinin, E.K.,** Berlin, I.I., Karavaev, V.G., Kostyuk, V.V., Nosova, E.M. Generalization of test results on heat transfer in film boiling under natural convection conditions 8-83231
- Kalinin, E.K.,** Dreytser, G.A. Correlation of experimental and theoretical results on transient convective turbulent heat transfer in channels 8-83485
- Kalinin, M.I.** Principles of design of optical lens centring monitors 8-50883
- Kalinin, M.I.** A single-group approximation for a linear dynamic system with many fluctuating parameters 8-62154
- Kalinin, M.I.** see Aref'ev, K.P. 8-92143
- Kalinin, M.I.** see Lisitsyn, V.M. 8-83811
- Kalinin, M.Yu.** Improved method of modelling dynamic filtration in physical modelling on electrically conducting paper with discretely distributed capacitance 8-88850
- Kalinin, N.S.,** Lonshakov, N.P. Contactless method of measuring articles of complex shape 8-93648
- Kalinin, V.A.,** Sergeyeva, N.A. Variations of the internal structure of the Earth due to its evolution 8-85512
- Kalinin, V.A.,** Tarasenko, V.L. Improved readout devices for ultrasonic resonance thickness gauges 8-95896
- Kalinin, V.A.** see Nudel'man, I.M. 8-49797
- Kalinin, V.A.** see Stukel'man, L.L. 8-72981
- Kalinin, V.N.** see Zanevsky, Yu.V. 8-77174
- Kalinin, V.P.** see Gromov, Yu.V. 8-70603
- Kalinin, V.P.** see Ovchinnikov, F.Ya. 8-72984
- Kalinin, V.V.** see Gershimenko, N.N. 8-87695
- Kalinin, W.I.** see Kuznetsov, Ju.N. 8-94082
- Kalinin, Yu.G.** see Aranchuk, L.E. 8-75386
- Kalinin, Yu.K.** see Brylev, I.S. 8-53772
- Kalinin, Yu.S.** see Khvatov, L.A. 8-53128, 8-56861, 8-93744
- Kalinina, E.I.** see Gaiskii, V.A. 8-65432, 8-77359
- Kalinina, M.A.,** Kachkin, S.S., Tikhomirova, N.I. Finishing the surfaces of microchannel plates 8-90544
- Kalinina, N.A.** see Alekseev, G.D. 8-70701
- Kalinkovich, I.F.** see Bagaev, V.V. 8-67420
- Kalinkin, B.N.,** Cherbu, A.V., Shmonin, V.L. On the mechanism of cumulative processes 8-58266
- Kalinkin, B.N.,** Cherbu, A.V., Shmonin, V.L. Cumulative effects in processes involving a deuteron 8-58267
- Kalinkin, B.N.,** Cherbu, A.V., Shmonin, V.L. Subthreshold production of antiprotons on nuclei 8-58268
- Kalinkin, N.P.** see Frank-Kamenetskaya, G.E. 8-88023
- Kalinkina, I.N.** see Grechushnikov, B.N. 8-68539
- Kalinnikov, V.G.** see Samokhvalov, A.A. 8-87981
- Kalinnikov, V.G.** see Schilling, K.D. 8-62505
- Kalinnikov, V.T.** see Alikhanian, A.S. 8-53238
- Kalinnikov, V.T.** see Anzina, L.V. 8-68488
- Kalinnikov, V.T.** see Chernov, A.P. 8-64365
- Kalinovich, D.F.,** Kovenskii, I.I., Smolin, M.D. Study of electrical transfer in two-phase metallic alloys 8-76044
- Kalinowski, A.** see Brzostowska, M. 8-85169
- Kalinowski, H.** see Gross, D.H.E. 8-86546
- Kalinowski, J.,** Godlewski, J. Spatial behaviour of the charge created at the illuminated interface molecular crystal/electrolyte 8-84290
- Kalinski, J.** Microwave moisture content-attenuation-voltage converter with time-domain comparison of measured and standard attenuations 8-70131
- Kalinsky, D.,** Melnik, D., Smilansky, U., Trautner, N. One and two neutron transfer reactions between ^{17}O and ^{18}O 8-54783
- Kalinsky, D.** see Brill, I. 8-81053
- Kalinsky, D.** see Burde, J. 8-58567
- Kalis, Kh.E.** Free plane-parallel shear flow of a conducting liquid with straight line electric current in a strong uniform magnetic field 8-75221
- Kalish, D.** see Lefevre, B.G. 8-64551
- Kalish, E.N.** see Bulanzhe, Yu.D. 8-69274
- Kalish, T.V.** see Burshtein, R.Kh. 8-60187
- Kaliski, S.** Reflectionless shock wave in a stratified medium 8-51193
- Kaliski, S.** Variation of coefficients of a stationary shock wave reflected from a rigid wall, for a profiled pressure 8-51303
- Kaliski, S.** Idea of continual profiling the explosion-induced compression of plasma 8-51330
- Kaliski, S.** Reflectionless passage of a simple shock wave through a stratified medium 8-54196
- Kaliski, S.** Reflectionless shock wave in a non-homogeneous medium 8-54197
- Kaliski, S.** Optimum conditions for generating a plane hyperdetonation wave 8-67068
- Kaliski, S.** Reflectionless passage of a hyperdetonation shock wave through a jumplike nonhomogeneity 8-67069
- Kaliski, S.** Eccentric hyperdetonation shock wave 8-67070
- Kaliski, S.** The implosion of D-T through a nonhomogeneous transition layer in a concentric system generated by profiled explosion 8-74465
- Kaliski, S.** Reflection of a plane hyperdetonation shock wave from a rigid wall 8-75167
- Kaliski, S.** Approximate determination of the self-similarity exponent for concentric shock waves in a nonhomogeneous medium 8-75168
- Kaliski, S.** A simple approximate method for determining the self-similarity exponent for concentric shock waves 8-75169
- Kaliski, S.** Application of CO_2 lasers to compressive plasma fusion in D-T macrosamples 8-82507
- Kaliski, S.** Thermonuclear power-station based on microexplosion-induced D-T initiation 8-82508
- Kaliski, S.** A constant-speed concentric shock wave in a nonhomogeneous medium 8-83281
- Kaliski, S.** Homogenizing a jump-inhomogeneous medium by a reflectionless shock-wave 8-83568
- Kaliski, S.** Generation of neutrons in deuterium plasma by CO_2 laser implosion of a shell into a conical region 8-87468
- Kaliski, S.** An approximate estimate of the critical continuously shaped concentric explosive compression of plasma 8-87473
- Kaliski, S.,** Babul, W., Bagrowski, J., Fruczek, M., Korzun, M. Experimental analysis of the form stability of explosion-accelerated cylindrical metal liners 8-83425
- Kaliski, S.** see Bagrowski, J. 8-51331
- Kaliski, S.** see Denus, S. 8-83614
- Kaliski, S.** see Derentowicz, H. 8-54869, 8-82510
- Kaliski, S.** see Gac, K. 8-50297
- Kaliski, S.** see Galkowski, A. 8-50296
- Kalistratov, G.A.** see Zhuvagin, I.G. 8-93002
- Kalisvaart, M.,** O'Neill, M.R., Riddle, T.W., Dunning, F.B., Walters, G.K. Electron-spin polarization in low-energy electron diffraction from tungsten (001) 8-51400
- Kalita, W.,** Rodkiewicz, C.M. Vertical channel parallel flow modification associated with density extremum 8-79380
- Kaliteevskaya, E.N.,** Razumova, T.K. Investigation of the reversible photoisomerization process in polymethine dye solutions under laser excitation 8-85181
- Kaliteevskii, N.I.,** Kotlikov, E.N., Chaika, M.P. Determination of atomic constants and collision cross sections by the method of level crossing in gas lasers 8-50763
- Kalitzin, G.St.** Lagrangian of heat transfer with finite wave speed 8-94519
- Kalkofen, W.** see Ulmschneider, P. 8-96454
- Kalkoffen, G.** see Eberhardt, W. 8-62237, 8-70804, 8-76583
- Kalkoffen, G.** see Lenth, W. 8-95660
- Kallavus, U.** see Fridkin, V.M. 8-89574
- Kallemeyn, G.W.,** Boynton, W.V., Willis, J., Wasson, J.T. Formation of the Bencubbinn polymict meteoritic breccia 8-96443
- Kallinger, W.,** Canigiani, G., Czech, W. Comparative study of exposure to radiation of the patient with the Status X, types A and B 8-92702
- Kallman, C.-G.** A $U(1)$ symmetric equation of state for dense matter 8-62500
- Kallne, E.,** Schnopper, J.W., Delvaille, J.P., Van Speybroeck, L.P., Bachrach, R.Z. Properties and prospects of holographic transmission gratings 8-63186
- Kallne, E.** see Dhez, P. 8-62270
- Kallne, J.** see Anderson, A.N. 8-74368
- Kallo, P.** Experiences with using more exact methods as the previous ones in the initial phase of designing lens systems 8-50881
- Kallo-Turala, B.** see Lang, L. 8-62229
- Kallosch, R.E.,** Tarasov, O.V., Tyutin, I.V. One-loop finiteness of quantum gravity off mass shell 8-62142
- Kalluri, D.,** Prasad, R.C. Reflection of an impulsive plane wave by a plasma half-space moving perpendicular to the plane of incidence 8-67360
- Kalluri, D.,** Prasad, R.C. Transient response of a cold lossless plasma half-space in the presence of a transverse static magnetic field 8-67361
- Kalluri, D.,** Shrivastava, R.K. Radiation pressure due to plane electromagnetic waves obliquely incident on moving media 8-71007
- Kalm, M.,** Uihlein, Ch. Investigations on the temperature-dependent TPA linewidth of the Z_2 -exciton in CuCl 8-67946
- Kalmakov, A.A.,** Podmoshenskaya, S.V., Tsarev, V.I. The possibility of discovering correlation relationships in spectra of controlled generators with quantummetric measurements 8-74072
- Kalmakov, A.A.** see Zhiglinskii, A.G. 8-70196
- Kalman, A.** see Cruickshank, D.W.J. 8-51489
- Kalman, B.** Magnetic fields and proper motions of sunspots. II. Group 420, October 1968 8-65583
- Kalman, C.S.,** Jakimow, G., Yakimiw, E. Charmed baryons in the SU_4 symmetric 20-plet representation 8-54615
- Kalman, E.** Developments in liquid electron diffraction 8-83686
- Kalman, E.,** Kovacs, P., Haklik, L., Palinkas, G. A new sector device for electron diffraction studies on liquids 8-55788
- Kalman, E.,** Palinkas, G. Diffraction experiments and theory for electrolyte solutions 8-95935
- Kalmar, D.** see Yaalon, D.H. 8-73359
- Kalmaz, E.V.** see Eraslan, A.H. 8-96250
- Kalmbach, S.H.** see Crittenden, E.C., Jr. 8-85695
- Kalmbach, U.,** Rittich, D. A new optical Y-branch 8-66918
- Kalmus, G.E.** see Cameron, W. 8-54653
- Kalmus, G.E.** see Erriquez, O. 8-78170
- Kalmus, P.I.P.** Antiprotons 8-54654
- Kalmykov, A.M.** see Kotsarenko, N.Ya. 8-91734
- Kalmykov, N.N.,** Khristiansen, G.B. New method of searching for anomalous generation of muons in extensive air showers of cosmic rays 8-89026
- Kalmykov, N.N.,** Levina, T.G., Fomin, Yu.A., Khristiansen, G.B. Violation of the scaling model in passage from accelerated to super-high energies 8-78231
- Kalmykova, S.S.** Global instability of a nonequilibrium plasma slab 8-71474
- Kalmykova, T.F.** see Dubrovskii, V.S. 8-56841
- Kalna, K.** On the influence of low-cycle damage on fracture toughness 8-72873
- Kalnay, A.J.,** Tascon, R. Lagrange, Hamilton-Dirac, and Nambu mechanics 8-54180
- Kalnay, A.J.,** Tascon, R. Poincare canonical momenta and Nambu mechanics 8-77701
- Kalnay, A.J.** see Chela-Flores, J. 8-78063
- Kal'nenko, B.I.** see Mukha, I.M. 8-60616
- Kal'ner, V.D.,** Kovrigin, V.A., Starokozhev, B.S., Yurasov, S.A. Combined saturation of steel with carbon, nitrogen, and oxygen 8-95856
- Kal'ner, V.D.,** Shor, F.I., Suvorova, S.O. Static and fatigue strength of steels R6M5 and 6Kh4M2FS in tension and compression 8-95810
- Kalnev, N.A.,** Potapenko, Ya.L., D'yachenko, A.M., Chuvashov, Yu.D. Effect of chromium on the electrical properties of silicon 8-72146
- Kalnin, A.E.,** Trinkler, M.F. Spectroscopy of mixed alkali halide crystals activated by thallium 8-80385
- Kalnin, T.K.** see Minchev, P.M. 8-94840
- Kalnin, Yu.H.** Diffusion recombination theory in the case of particles generation 8-52553
- Kalnins, E.G.,** Miller, W., Jr. Lie theory and the wave equation in space-time. IV. The Klein-Gordon equation and the Poincare group 8-62292
- Kalnins, E.G.,** Miller, W., Jr. Lie theory and the wave equation in space-time. V. R-separable solutions of the wave equation $\psi_{tt}-\Delta\psi=0$ 8-62293
- Kalnins, E.G.,** Miller, W., Jr. The wave equation $O(2,2)$, and separation of variables on hyperboloids 8-77679
- Kalnins, E.G.** see Boyer, C.P. 8-57826
- Kalnins, I.L.** see Aarajs, S. 8-84381
- Kalnynsh', A.E.** see Trinkler, M.F. 8-92112
- Kalnynya, R.P.** see Bekeris, Yu.Ya. 8-80082
- Kalogeropoulou, M.** see Zagouras, C.G. 8-57432
- Kalos, M.,** Lebowitz, J.L., Penrose, O., Sur, A. Clusters, metastability, and nucleation: kinetics of first-order phase transitions 8-54326
- Kalos, M.H.** see Ceperley, D. 8-51768, 8-83718
- Kalos, M.H.** see Rao, M. 8-51656
- Kaloshia, I.I.** see Borisevich, N.A. 8-74904
- Kaloshia, V.P.** see Khapalyuk, A.P. 8-71072
- Kaloshin, A.E.** see Budnev, V.N. 8-89722
- Kaloshin, V.A.** see Zatsopin, N.M. 8-70162
- Kalotas, T.M.,** Lee, A.R. On the constancy of the velocity of light 8-65768
- Kalotas, T.M.,** Lee, A.R. On the general form of Lorentz transformations 8-86151
- Kalpakkian, S.** Chevron fracture in tube reduction by spinning 8-64664
- Kalra, G.L.,** Bhatia, V.B. Damping of nonlinear magneto-acoustic waves 8-79423
- Kalra, S.B.** see Dheer, P.N. 8-84324
- Kaltenbach, M.,** Schulz, W., Spitz, P. On the angiographic determination of heart volume: the problems of X-ray magnification 8-73197

- Kalthoff, J.F.**, Beinert, J., Winkler, S., Blauel, J. On the determination of the crack arrest roughness 8-72867
- Kalugin, V.D.**, Sokolov, N.V., Belyus, L.M., Kozlov, L.G. Units for uniform electrolytic removal of surface layers of wire in determining residual stresses 8-60918
- Kalugin, V.E.**, Nemanov, M.S. Method of investigating characteristics of fatigue resistance of constructional materials under asymmetric loading 8-85083
- Kalus, J.**, Funke, K., Heidemann, A. Search for quasielastic neutron scattering by silver in β -AgI 8-83999
- Kaluski, Z.** see Borkowski, B. 8-92184
- Kal'venas, S.P.** Distributed negative differential conductivity of near-intrinsic germanium in the presence of the ambipolar size effect due to hot carriers 8-72185
- Kalvius, G.M.** see Butz, T. 8-52384, 8-52385
- Kalvius, G.M.** see Kelin, U.F. 8-52386
- Kalvius, G.M.** see Potzel, W. 8-83902, 8-92004
- Kalvius, M.G.** see Jove, J. 8-88231
- Kalwa, G.** see Dahl, W. 8-84900, 8-84901
- Kalyanaraman, B.**, Kispert, L.D. The ESR study of the $\text{CF}_3\cdots\text{F}$ radical in irradiated trifluoroacetamide single crystals 8-73066
- Kalyanaraman, B.**, Kispert, L.D. An ESR study of the $\text{CH}_2\text{ClCO}\cdot$ radical at 77K in X-irradiated chloroacetamide crystals 8-76882
- Kalyani, S.**, Haridasan, T.M. Isotope diffusion in caesium iodide 8-75875
- Kalyani, S.**, Haridasan, T.M., Krishnamurthy, N. Localized vibrations of U centres in BaClF and SrClF 8-75779
- Kal'yankina, T.A.** see Byzova, N.L. 8-81297
- Kalyuta, A.A.** see Gringauz, G.D. 8-80570
- Kalyuzhnyaya, G.A.** see Britov, A.D. 8-50777
- Kalyuzhnyi, V.M.**, Kartuzhanskii, A.L., Tkachuk, B.V., Dendrovskii, V.A. Investigation of gelatin films with compounds of iron, copper and silver and with sulphur containing compounds by means of IR spectroscopy 8-49928
- Kalyuzhnyi, V.M.**, Kartuzhanskii, A.L., Tkachuk, B.V., Tsendrovskii, V.A. IR-spectroscopic studies of the fine structure of gelatin films 8-58083
- Kalyuzhnyi, V.N.**, Kryukov, A.V., Nemov, V.V. Neoclassical diffusion in helical solenoids 8-94893
- Kam, J.** de see de Kam, J.
- Kam, P.M.A.** Van Der see Van Der Kam, P.M.A.
- Kam Kam-shing** see Kam-shing Kam
- Kam-Ching Leung**, Schneider, D.P. Evolved contact systems of spectral type A: AU Pupis, V535 Arae, and V1073 Cygni 8-65650
- Kam-Ching Leung**, Schneider, D.P. Evolved contact systems of spectral type O. I. UW Canis Majoris 8-65651
- Kam-Ching Leung**, Schneider, D.P. YY Geminaurum. I. Photometry and absolute dimensions 8-69827
- Kam-Ching Leung**, Schneider, D.P. Evolved contact systems of spectral type O. III. V729 Cygni 8-93309
- Kam-Ching Leung** see Schneider, D.P. 8-93302
- Kam-shing Kam**, Henkel, J.H. Calculated polarization and piezoelectric constants of NaNO_2 8-52448
- Kam-shing Kam**, Henkel, J.H., Hsing-chow Hwang Band structure and spontaneous polarization of ferroelectric LiNbO_3 8-95261
- Kamach, Yu.E.**, Kozlovskii, E.N., Ovchinnikov, V.M. Reflection and refraction of electromagnetic waves at the interface between two uniaxial crystals 8-71029
- Kamada, H.** see Kudo, M. 8-56558, 8-56559, 8-76969, 8-88672
- Kamada, K.**, Higashida, Y. Mechanism of flaking in pyrolytic graphite on ion bombardments. II. Numerical discussions in relation to the flaking 8-52947
- Kamada, K.** see Higashida, Y. 8-52946
- Kamada, K.** see Naramoto, H. 8-71772
- Kamada, M.**, Kato, R. Phonon side bands of the triplet absorption in NaNO_2 8-76488
- Kamada, M.** see Kato, R. 8-76403
- Kamada, S.** see Nakau, T. 8-87651
- Kamae, T.**, Arai, I., Fujii, T., Ikeda, H., Kajiura, N., Kawabata, S., Nakamura, K., Ogawa, K., Takeda, H., Watae, Y. Measurement of the proton polarization in deuteron photodisintegration at photon energies between 340 and 700 MeV 8-82215
- Kamal, A.N.**, Szyjczewicz, A. The ω -radiative decay contribution to proton-proton bremsstrahlung 8-70386
- Kamal, A.N.** see Rockmore, R. 8-70365
- Kamal, A.N.** see Szyjczewicz, A. 8-62451
- Kamal, R.** see Sekhon, S.S. 8-59761, 8-68429
- Kamanin, V.V.**, Karamyan, S.A. Statistical description of decay widths and cross sections of (HI, xn) reactions for compound nuclei with $Z=98, 100, 102$ 8-86549
- Kamanin, V.V.** see Apostolesku, S. 8-86562
- Kamanin, V.V.** see Bugrov, V.N. 8-86563
- Kamarad, J.** Kinematic relationships in semiautomatic optical grinding and polishing machines. I 8-50953
- Kamarad, J.** On kinematic relations of grinding and polishing optical semiautomatic machines. III 8-63208
- Kamarad, J.** Investigation of kinematic ratios of grinding and polishing semi-automatic machines. V 8-79146
- Kamaras, K.** see Szabo, Z.G. 8-88326
- Kamardin, V.M.** see Aronson, E.V. 8-72799, 8-72972, 8-72973
- Kamarinos, G.** see Viktorovitch, P. 8-76153
- Kamat, G.R.** Vacuum casting 8-84727
- Kamata, H.**, Ohgaki, M. A transducer array for acoustical holography 8-59209
- Kamata, M.** Singular gauge transformations and monopole-vortex-line systems 8-66034
- Kamath, M.S.**, Neaves, M.J. A strain gauge method for detecting ductile crack initiation 8-85085
- Kamaya, H.**, Ueda, I., Eyring, H. Reversible and irreversible inhibition by anesthetics of the calcium-induced luminescence of aequorin 8-76985
- Kambas, K.**, Spyridelis, J. Far infrared optical study of $\alpha\text{-In}_2\text{Se}_3$ compound 8-84572
- Kambe, K.** Linear combinations of Gauss-type orbitals and plane waves in the many-beam problem of high-energy electron diffraction 8-83661
- Kambe, K.** see Iri, T. 8-56371
- Kambic, G.X.** see Jucius, R.A. 8-69212
- Kambour, R.P.**, Gruner, C.L. Effects of polar group incorporation on crazing of glassy polymers: styrene-acrylonitrile copolymer and a dicyano bisphenol polycarbonate 8-85017
- Kambour, R.P.**, Holik, A.S., Miller, S. Plane-strain fracture energy instability and mixed mode crack propagation in polycarbonate at room temperature 8-68775
- Kamchatnyi, Yu.G.** see Voskresenskaya, E.V. 8-72961
- Kamdar, M.H.** Mechanism of embrittlement and brittle fracture in liquid metal environments 8-60766
- Kameari, A.**, Suzuki, Y. Eddy current analysis by the finite element circuit method 8-66373
- Kameda, H.** see Goto, H. 8-87283
- Kamegaki, K.** see Tsunashima, S. 8-95490
- Kamegashira, N.**, Ohta, K., Naito, K. Growth of single crystals of $\text{U}_{1-x}\text{Th}_x\text{O}_2$ solid solutions by chemical transport reactions 8-72708
- Kamei, H.** see Kawarada, H. 8-77069
- Kamei, K.** see Komatsu, S. 8-84831
- Kamei, Y.**, Oishi, Y., Nishi, A. Isotopic quaternary diffusion of carbon tetrachloride-benzene-cyclohexane system 8-87800
- Kamei, Y.** see Oishi, Y. 8-79792
- Kamel, R.**, Ali, A.R., Farid, Z. On the recovery of quenched and irradiated dilute Al-Li alloys 8-52848
- Kamel, R.**, Georgy, K.H. Stress dependence of the steady creep rate of cobalt at temperatures near its change of phase 8-52923
- Kamel, R.**, Georgy, K.H. Stress dependence of steady state creep rate of cobalt in relation to phase change 8-64598
- Kamenetskaya, D.S.**, Korsunskaya, I.A., Litvin, Yu.A. Influence of graphitising elements on liquid-solid equilibria in the system iron-carbon at high pressure 8-56613
- Kamenetskaya, D.S.**, Medvedev, M.P., Moish, Yu.V., Piletskaya, I.B., Shiryayev, V.I. Impact strength of a high-purity iron-chromium alloy in relation to the '475°C brittleness' 8-92323
- Kamenetskaya, D.S.** see Korsunskaya, I.A. 8-52759
- Kamenev, L.V.**, Mitrofanov, V.A., Podlovchenko, T.L. Instrument for capacity measurement in a capacitor transducer 8-89493
- Kameneva, M.V.** see Grigoryan, S.S. 8-61210
- Kamenova, Ts.**, Nenchev, N., Andreev, Ch. X-ray spectral microanalysis of chrome-manganese steel with increased nitrogen content 8-53304
- Kamenova, TS.Z.** see Banov, R.M. 8-52872
- Kamen'shchikov, F.T.** see Ryabov, A.N. 8-55638
- Kamenskaya, A.N.** see Drozdzyński, J. 8-74599
- Kamenskii, A.N.**, Ivanova, N.N. Electron-microscopic investigation of Butyl rubber dispersions 8-53268
- Kamenskii, N.N.**, Matveev, I.N., Prichko, Yu.V. Frequency-shift device for the optical range 8-59147
- Karmersmans, R.**, van Driel, J., Blok, H.P., Blankert, J.P. Structure of ^{116}Sb studied with the $^{115}\text{Sn}(^3\text{He}, d)^{116}\text{Sb}$ reaction 8-66295
- Kameswara Rao, C.V.S.** Optimal structural design using brittle materials 8-79207
- Kameswara Rao, N.**, Mallik, S.G.V. Equivalent width of O I λ 7774 and absolute magnitude relation for F and G supergiants 8-53942
- Kametani, H.**, Hasegawa, R. Preparation of spherical starting particles suitable for suspension electrolysis of nonferrous metals 8-60689
- Kametani, H.**, Yamauchi, C. Vacuum lift refining in copper smelting 8-60621
- Kametani, H.** see Aoki, A. 8-61068
- Kamgar, A.**, Sturge, M.D., Tsui, D.C. Photoconductivity and absorption measurements on (100) and (911) Si MOSFETs 8-64123
- Kamgar, A.** see Tsui, D.C. 8-60230, 8-68062
- Kamgar-Parsi, B.**, Meijer, P.H.E. Critical temperatures of triangular Ising lattice with small second neighbor interaction 8-56331
- Kamide, H.**, Sugawara, H. Effect of hydrogen charging on stress corrosion cracking of 18-8 stainless steel in $\text{H}_2\text{SO}_4\text{-NaCl}$ solution 8-92396
- Kamide, K.** see Nohmi, T. 8-79372
- Kamide, Y.**, Horwitz, J.L. Chatanika radar observations of ionospheric and field-aligned currents 8-57387
- Kamide, Y.**, Matsushita, S. A unified view of substorm sequences 8-77432
- Kamide, Y.** see Horwitz, J.L. 8-77431
- Kamide, Y.** see Pytte, T. 8-89006
- Kamieniarz, G.** On the theory of the Ising model with a transverse field 8-68138
- Kamigaki, Y.** see Horiuchi, M. 8-76774
- Kamihara, M.** see Yoshie, O. 8-87997, 8-91723
- Kamimura, A.** Variational approach for the general charge-independent pairing Hamiltonian 8-86488
- Kamimura, H.** see Mizushima, T. 8-87783
- Kamimura, H.** see Natori, A. 8-51928
- Kamimura, K.**, Shimizu, T. Scattering amplitude of bi-local field in external source 8-74182
- Kamimura, K.** see Goto, T. 8-66030
- Kamimura, M.** Study of cluster structure in light nuclei and cluster-rearrangement collisions based on the three-cluster resonating group method 8-54705
- Kamimura, M.** see Fukushima, Y. 8-50108
- Kamimura, M.** see Kawai, M. 8-66258, 8-66259
- Kamimura, T.**, Wagner, T., Dawson, J.M. Simulation study of Bernstein modes 8-71531
- Kaminir, L.B.** see Zanevsky, Yu.V. 8-77174
- Kaminker, D.M.** see Alexeev, V.L. 8-54721
- Kaminow, I.P.**, Stulz, L.W. Loss in cleaved Ti-diffused LiNbO_3 waveguides 8-74975
- Kaminow, I.P.** see Sandberg, I.W. 8-55442
- Kaminow, I.P.** see Smith, P.W. 8-75001
- Kamins, T.L.**, Mandurak, M.M., Saraswat, K.C. Structure and stability of low pressure chemically vapor-deposited silicon films 8-91559
- Kamins, T.I.** see Meindl, J.D. 8-72049
- Kaminskas, A.I.**, Varanetskias, I.P. Use of selenium electroradiographic plates in the radio-scopes of steel and aluminum alloys with γ rays 8-72978
- Kaminskaya, E.P.** see Lozovik, Yu.E. 8-76003
- Kaminski, J.**, Schmillen, A., Kawski, A. The time dependence of emission anisotropy and the resonance transmission 8-94279
- Kaminski, J.Z.** Inclusive Coulomb scattering in the fourth order of QED 8-78117
- Kaminskii, A.A.**, Sailov, N.S. Construction of a diagram of limiting stresses for a brittle body weakened by an elliptical hole with cracks at its edge 8-55600
- Kaminskii, A.A.**, Sarkisov, S.E., Osiko, V.V., Timoshechkin, M.I., Zharikov, E.V., Bohm, J., Reiche, P., Schultze, D. Growth, spectroscopic investigations and some new stimulated emission data of $\text{Gd}_3\text{Ga}_2\text{O}_{12}:\text{Nd}^{3+}$ single crystals 8-95593
- Kaminskii, A.S.**, Karasyuk, V.A., Pokrovskii, Ya.E. Multiparticle impurity complexes in silicon doped with boron, phosphorus and antimony 8-72601
- Kaminskii, A.S.**, Pokrovskii, Ya.E., Poteshin, S.V. Cooled photoresistance based on copper-doped electronic germanium 8-80019
- Kaminskii, V.A.** Slow turbulent coagulation 8-53259
- Kaminsky, E.** see Knutson, D. 8-50350
- Kaminsky, M.**, Das, S.K. Surface damage of 316 stainless steel irradiated with $^4\text{He}^+$ to high doses 8-95092
- Kaminsky, M.** see Das, S.K. 8-71774, 8-95067
- Kaminsky, M.** see Fenske, G. 8-95088
- Kamishima, H.** see Ito, K.-I. 8-65101
- Kamitakahara, W.** see Stassis, C. 8-51785
- Kamitsubo, H.** see Soga, F. 8-54775
- Kamitsubo, H.** see Tanaka, K. 8-50196
- Kamiura, Y.**, Hashimoto, F. Interaction between shallow-level defects and copper atoms in quenched germanium 8-64002
- Kamiuto, K.**, Echigo, R., Hasegawa, S. Radiative transfer in fibrous media 8-94571
- Kamiwano, M.**, Sakamoto, K., Koga, T., Aoki, R. Simultaneous determination of diameters of velocity of moving solid particles with image sensor 8-95872
- Kamiya, H.** see Takahashi, T. 8-60581
- Kamiya, K.**, Ohchi, N. A multislit spectrometer for the night airglow observation 8-73542

- Kamiya, M.**, Johnson, W.C. An application of the 1/Z expansion method to reorganisation corrections of the Koopmans ionisation energy of atomic valence state 8-78623
- Kamiya, N.** Analysis of the large thermal bending of sandwich plates by a modified Berger method 8-63297
- Kamiya, S.** see Somiya, S. 8-80523
- Kamiya, T.** see Iiyama, M. 8-74966
- Kamiya, T.** see Kodate, K. 8-82928
- Kamiya, T.** see Ulrich, R. 8-63184
- Kamiya, T.** see Yamamoto, Y. 8-83117
- Kamiya, T.** see Yamanouchi, K. 8-55454
- Kamiya, Y.** see Higashi, S. 8-55081
- Kamiyama, H.** see Motojima, K. 8-58365
- Kamiyoshi, K.**, Kudo, A. Dielectric relaxation of water contained in plant tissues 8-88692
- Kamiyoshi, K.-I.** see Yoshihara, A. 8-52517
- Kamm, C.** see Morgan, D.E. 8-85319
- Kamm, C.** see Ventry, I.M. 8-65050
- Kamm, J.D.**, Bernt, H. Theory of diffusion constant-, lifetime- and surface recombination velocity-measurements with the scanning electron microscope 8-91701
- Kammash, T.** see Gryczkowski, G. 8-94134
- Kammash, T.** see Peng, Y.-K.M. 8-94137
- Kammerdiner, L.** see Alterovitz, S.A. 8-84369
- Kammerer, O.F.** see Ghosh, A.K. 8-52122
- Kammerer, R.** see Johnson, J.R. 8-58216
- Kammeyer, P.C.** Periodic orbits around a rotating ellipsoid 8-77464
- Kammeyer, P.C.** Periodic three body orbits in the case of small third mass 8-77467
- Kammiller, Ch.** see Kroop, V. 8-55144
- Kammloft, G.W.** see Johnson, L.F. 8-55469
- Kammula, K.** see Goss, W.P. 8-94812
- Kammuri, T.** Full-recoil one- and two-step DWBA analysis of the two-nucleon transfer reactions between heavy ions 8-70564
- Kamneva, L.A.** see Bakhtin, L.A. 8-65863
- Kamogawa, A.** The wear and cutting surface of plastic 8-56779
- Kamono, K.** see Shimizu, T. 8-72155
- Kamoshida, T.** see Yano, O. 8-84518
- Kamp, L.W.** On the theory of silicon spectra in O and B stars 8-57539
- Kamp, P.** van de see van de Kamp, P.
- Kampa, A.** de la see de la Kampa, A.
- Kampen, C.L.** Van see Van Kampen, C.L.
- Kampen, N.G.** Van see Van Kampen, N.G.
- Kamperman, G.W.**, Moore, M. Real time frequency analyzers for noise control 8-83192
- Kamperman, T.M.** see de Jager, C. 8-69793
- Kamperschroer, J.H.**, Post, R.S. Use of a Hall accelerator in the production of negative hydrogen ions in cesium vapor 8-67375
- Kamperschroer, J.H.** see Colleraine, A.P. 8-54970
- Kamphausen, M.** see Sandrock, R. 8-75814
- Kamphouse, J.L.** Cylindrical source shielding equations utilizing compact functions and including buildup 8-89982
- Kampwirth, R.T.** see Brown, B.S. 8-52123
- Kamrukov, A.S.**, Kozlov, N.P., Malashchenko, V.A., Protasov, Yu.S. Formation of a plasma focus in a plasma erosion accelerator. III. Radiation properties of the dense plasma focus 8-67440
- Kamshilin, A.A.**, Petrov, M.P., Stepanov, S.I., Khomenko, A.V. Optical data recording and properties of the diffraction of light in photorefractive crystals 8-58943
- Kamshilin, A.A.** see Petrov, M.P. 8-90473
- Kamshov, V.F.** Local excitation of ferromodulated transducers 8-86306
- Kamtekar, A.G.** The calculation of welding residual stresses in thin steel plates 8-83262
- Kamykowski, E.A.** see D'Agostino, M.D. 8-85238
- Kamys, B.** see Bodek, K. 8-62547
- Kamyshov, V.M.** see Shekhovtsova, L.K. 8-51704
- Kamyshova, V.K.** see Kesler, Ya.A. 8-51703, 8-53237
- Kamyshenko, V.D.** see Artemenkova, L.V. 8-89998
- Kamzin, A.S.**, Bokov, V.A., Smolenskii, G.A. 'Splitting' of critical indices of magnetisation of sublattices in Fe_2BO_6 8-60299
- Kamzina, L.S.** see Smolenskii, G.A. 8-95560
- Kan, A.Z.**, Petrov, V.I., Rau, E.I., Spivak, G.V. Reproduction and scale changes of information recorded on a microfilm with the help of a scanning electron microscope 8-93775
- Kan, H.** see Ikeda, K. 8-66831
- Kan, H.P.** see Liu, A.F. 8-67153
- Kan, J.R.** see Mitchell, H.G., Jr. 8-79417
- Kan, K.-K.**, Griffin, J.J. Independent particle Schrodinger fluid: moments of inertia 8-65868
- Kan, M.** see Sinno, K. 8-61663
- Kan, M.K.** Inexpensive EKG gate for computer-processed cardiac motion study 8-73210
- Kan, S.**, Gonord, P., Fan, M., Sauzade, M., Courtieu, J. Automatic NMR field-frequency lock-pulsed phase locked loop approach 8-74041
- Kan, T.** see Ugai, S. 8-53680
- Kan, V.** see Gurvich, A.S. 8-58910
- Kan Chang-han** Regularity of the hydrolysis of metal ions 8-85153
- Kan Chankho** see Chankho Kan
- Kan Luo** see Luo Kan
- Kan Yuen-Han** see Yuen-Han Kan
- Kana, D.D.** see Bessey, R.L. 8-94053
- Kanada, H.**, Koike, J., Yasuda, H., Kobayashi, A. On the role of string-junction in hadron total cross section 8-89676
- Kanadani, T.** see Ohta, M. 8-88485
- Kanaev, I.F.**, Malinovskii, V.K., Sturman, B.I. Induced reflection and transparency increase effects in electrooptical crystals 8-59094
- Kanaev, I.F.**, Malinovskii, V.K., Sturman, B.I. Experimental investigation of the conductivity and photoinduced birefringence of LiNbO_3 crystals 8-60151
- Kanaev, I.F.** see Belinicher, V.I. 8-95570
- Kanagawa, A.**, Yamamoto, I., Mizuno, Y. Separative power of 2-up 1-down ideal cascades 8-58499
- Kanagy, S.P.**, Wyatt, S.P. Dust patches in globular clusters 8-81662
- Kanaji, T.** Observation of molecular beam epitaxy by LEED-AES 8-91564
- Kanaka Raju, K.** see Venkatesware Rao, G. 8-90747
- Kanal, M.**, Moses, H.E. A variational principle for transport theory 8-62166
- Kanal, M.**, Moses, H.E. Direct-inverse problems in transport theory. I. The inverse problem 8-77817
- Kanal, M.** see Rao, L.D.V. 8-88987
- Kanamori, A.** Reduction in minority carrier storage effect by fluorine ion implantation damage 8-72243
- Kanamori, H.**, Stewart, G.S. Seismological aspects of the Guatemala earthquake of February 4, 1976 8-85493
- Kanamori, H.** see Kozima, K. 8-74849
- Kanamori, H.** see Wai-Ying Chung 8-73342
- Kanamori, J.**, Akai, H. Electronic structure and magnetic properties of transition metal alloys 8-95254
- Kanamoto, T.** see Handa, T. 8-59356
- Kanani, N.** The damping behaviour of CuZn_{24} 8-88489
- Kanao, M.** see Nakano, K. 8-60754
- Kanapilly, G.M.**, Tu, K.W., Larsen, T.B., Fogel, G.R., Luna, R.J. Controlled production of ultrafine metallic aerosols by vaporization of an organic chelate of the metal 8-76929
- Kanarek, T.** see Angelov, N.S. 8-89922
- Kanarek, T.I.** see Dremmin, I.M. 8-89684
- Kanasewich, E.R.**, Havskov, J., Evans, M.E. Plate tectonics in the Phanerozoic 8-92812
- Kanashevich, V.I.** see Duisebaev, A.D. 8-54778
- Kanaun, S.K.** Self-consistent field approximation for an elastic composite medium 8-51078
- Kanaya, K.**, Ono, S. The energy dependence of a diffusion model of an electron probe into solid targets 8-71652
- Kanaya, K.** see Yoshie, O. 8-87997
- Kanaya, M.** see Suzuki, M. 8-78958
- Kanaya, T.** see Yamamoto, M. 8-70862
- Kanayama, K.** see Fujiwara, K. 8-91356
- Kanayama, K.** see Ogata, H. 8-51744
- Kanazawa, H.** see Indow, T. 8-56999
- Kanazawa, K.**, Yamaguchi, K., Yoshida, S. High-temperature rotating bending fatigue behaviour of a martensitic stainless steel SUS 403-B 8-60756
- Kanazawa, K.** see Yamaguchi, K. 8-64631
- Kanazawa, K.** see Yoshida, S. 8-60755, 8-80646
- Kanazawa, T.**, Machida, S. Energy considerations in dynamic crack propagation and arrest 8-68758
- Kanazawa, T.** see Kawazoe, H. 8-79924, 8-80199, 8-80200
- Kanazawa, T.** see Monma, H. 8-84752
- Kanazawa, T.** see Tachikawa, J. 8-85896
- Kanbach, G.** see Bucheri, R. 8-85966
- Kanbach, G.** see Swaneburg, B.N. 8-93454
- Kanbe, H.**, Nakaoka, A., Takagi, S. Determination of environmental radioactivity. IV. Rapid determination of radioactive manganese, iron and cobalt in sea water 8-85608
- Kanbe, H.** see Takagi, S. 8-82520
- Kanber, H.** see Wang, T.G. 8-63220
- Kanchenko, V.A.**, Krynk'o, Yu.N., Mel'nik, P.V., Nakhodkin, N.G. Contribution of reflected electrons to formation of Auger electrons at various glancing angles of primary beam 8-92152
- Kanda, K.** Lithium fluoride tile and sheet for neutron shield 8-74510
- Kanda, K.** see Ogawa, T. 8-84160
- Kanda, T.**, Noguchi, M. Timing system of the laser ranging equipment 8-89077
- Kanda, T.** see Hirayama, T. 8-89080
- Kanda, Y.**, Abe, Y., Suzuki, M., Abe, T. Rate constants of ball mill grinding (effect of feed size on rate constants of weight fraction decrease of feed and specific surface increase) 8-95828
- Kanda, Y.**, Gunji, H., Takeuchi, H., Sasaki, K. Rate constants of wet and dry ball mill grindings 8-95827
- Kandasamy, K.** see Surplice, N.A. 8-85150
- Kandaswamy, J.**, Salomonson, P., Schechter, J. Mass of the axion 8-78080
- Kandaswamy, J.**, Schechter, J., Singer, M. Current algebra with a four-flavour effective Lagrangian 8-58176
- Kandaswamy, J.**, Salomonson, P., Schechter, J. Does the decay mode $K^+ \rightarrow \pi^+ + \text{axion}$ already rule out the axion? 8-50031
- Kandaurova, G.S.** see Ivanov, Yu.V. 8-64246
- Kandel, R.S.**, Sibille, F. Anisotropic H II regions with axial symmetry 8-85993
- Kandelaki, M.D.** see Boguslavskii, L.I. 8-64933
- Kandil, O.A.**, Atta, E.H., Nayfeh, A.H. Three dimensional steady and unsteady asymmetric flow past wings of arbitrary planforms 8-71351
- Kandilarov, B.D.**, Tashkova, M.G., Petrova, P.C. Interface states in one-dimensional models of deformed heterojunctions 8-64100
- Kandler, T.** see Kask, P. 8-55198
- Kandpal, H.C.** see Tripathi, H.B. 8-76510
- Kanduser, A.** see Milia, F. 8-52375
- Kandyba, P.E.**, Kolyasnikov, V.A., Kryuchkov, S.M. The effect of stacking faults on the relaxation times of the capacitances of MOS capacitors 8-76157
- Kandyba, P.E.** see Zolotarev, B.I. 8-76156
- Kane, A.B.** see Kane, E.O. 8-60053
- Kane, E.L.** see Hora, H. 8-51323, 8-55068
- Kane, E.L.** see JayaRam, K. 8-75458
- Kane, E.O.**, Kane, A.B. Direct calculation of Wannier functions, Si valence bands 8-60053
- Kane, G.L.**, Yao, Y.P. Studying gluon properties experimentally 8-66076
- Kane, I.** Test instruments [for hospitals and preventive maintenance] 8-69242
- Kane, J.** see Gale, M.T. 8-65990
- Kane, J.A.** see Gnanalingham, S. 8-81492
- Kane, J.R.** see Jolly, R.K. 8-56941
- Kane, R.P.** Predicted intensity of the solar maximum 8-73696
- Kane, R.P.** Counter-electrojet and interplanetary magnetic field 8-88983
- Kane, S.R.** see Anderson, K.A. 8-85787
- Kane, S.R.** see Donnelly, R.F. 8-65578
- Kane, W.R.** see von Egidy, T. 8-66215
- Kaneaki, T.** see Shimizu, Y. 8-51813
- Kaneda, T.** Axial electric field of a positive column in a transverse magnetic field 8-55766
- Kaneda, T.** Wall loss of a positive column in a transverse magnetic field 8-55767
- Kaneda, T.** Direct observation of the path of ultrasound wave propagation in AgCl crystals by the 'print-out' effect 8-59864
- Kaneda, T.** see Ito, M. 8-87995
- Kaneda, T.** see Nishi, H. 8-51569
- Kanefusa, S.** see Nitta, M. 8-68032
- Kanegae, N.**, Hashiguchi, K., Ikemoto, I., Hori, M. The effects of nozzle-to-target distance on wastage in small-leak sodium-water reactions 8-82418
- Kanehisa, M.A.** see Arya, K. 8-60469
- Kanehisa, M.I.**, Tian Yow Tsong Cluster model of lipid phase transitions with application to passive permeation of molecules and structure relaxations in lipid bilayers 8-53346
- Kaneko, F.**, Takeuchi, M., Nagasaka, H. Preparation of composite powders by polymerization reaction of methyl methacrylate monomer suspended by various kinds of metal oxides and their properties [especially corona charging] 8-95708
- Kaneko, H.** Technique of measuring potential distribution and its application to the corrosion study 8-53049
- Kaneko, H.** see Belli, Y. 8-68221
- Kaneko, H.** see Okada, M. 8-76769
- Kaneko, K.** Activation analysis of carbon, nitrogen and oxygen by photon nuclear reaction 8-76945
- Kaneko, K.** see Yoshida, F. 8-52896
- Kaneko, O.** see Kawashima, N. 8-57424
- Kaneko, O.** see Sasaki, S. 8-93042
- Kaneko, O.** see Yamori, A. 8-61566
- Kaneko, T.** Growth rate of iron whiskers 8-72051
- Kaneko, T.** An experimental study of the Timoshenko's shear coefficient for flexurally vibrating beams 8-83866
- Kaneko, T.**, Nakagawa, M., Takasu, M. The weak angle θ_c and mixing between p and p' quarks 8-74207
- Kaneko, T.**, Yoshida, H., Abe, S., Ohashi, M. Pressure-induced electronic transitions in the mixed compounds $\text{Sm}_{1-x}\text{Gd}_x\text{S}$ 8-68058
- Kaneko, T.** see Kitada, K. 8-92225
- Kaneko, Y.**, Kihira, Y., Sugiyama, K., Yamamura, H. Decomposition of polycarbonate by sulfuric acid and ball mill 8-64827
- Kaneko, Y.**, Koizumi, T., Kobayashi, N. Mobilities of various ions in non-parent gases; compilation of the mobility data measured with the injected-ion drift tube mass spectrometer in Tokyo Metropolitan University 8-87428

- Kaneko, Y.** *see* Kobayashi, N. 8-82824
Kaneko, Y. *see* Okuno, K. 8-66657
Kanel', G.I. Experimental determination of the kinetics of relaxation processes during the shock compression of condensing media 8-94610
Kanel', G.I., Molodets, A.M., Dremine, A.N. Variation in the strength of metals under the influence of shock waves 8-92299
Kanel', G.I., Vakhitova, G.G., Dremine, A.N. Metrological characteristics of manganin pressure gauges under conditions of shock compression and relief 8-70149
Kanel, H.v. *see* Arend, H. 8-68483
Kaneliakopoulos, B. *see* Konig, E. 8-80259
Kanellis, G.K. Optical phonons by infrared reflection of the ternary compounds AgGaSe_2 , AgGaTe_2 , AgInSe_2 , and AgInTe_2 8-60459
Kanellopoulos, E.J., Kanellopoulos, Th.V. Expressions of the S-matrix for a large class of potentials over the complex k-plane 8-49978
Kanellopoulos, E.J., Kanellopoulos, Th.V. The Dirac S-matrix in the k-plane 8-54577
Kanellopoulos, J.D., Fikioris, J.G. Acoustic resonant frequencies in an eccentric spherical cavity 8-90548
Kanellopoulos, Th.V. *see* Kanellopoulos, E.J. 8-49978, 8-54577
Kanemasu, E.T. *see* Heilman, J.L. 8-65351
Kanemochi, S., Akaboshi, M. Anomalous responses of ultrasonic velocity to applied stress in aluminium 8-63811
Kanemochi, S., Akaboshi, M. The third-order elastic constants for Cu-Zn alloy from ultrasonic velocity measurements 8-76687
Kanemoto, K. A guideline for provisional safety standard for electro-medical apparatus 8-73274
Kanemoto, S. *see* Ando, Y. 8-94062
Kanemoto, S. *see* Kittaka, S. 8-56038
Kaner, E.A. *see* Grishin, A.M. 8-71924
Kaner, V.V., Rudenko, O.V., Khokhlov, R.V. Theory of nonlinear oscillations in acoustic resonators 8-50974
Kaneri, O. *see* Selbach, H. 8-72426
Kaneshima, S., Koga, S., Tanaka, K. A simple method for cellular identification of free cells by light microscopy and scanning electron microscopy 8-53589
Kaneshiro, H. *see* Katagiri, K. 8-60830
Kaneta, K. *see* Abe, M. 8-60360
Kaneto, K., Yamamoto, M., Yoshino, K., Inuishi, Y. Transverse magnetoresistance in $(\text{SN})_x$ single crystal 8-72140
Kaneto, K. *see* Yoshino, K. 8-68104
Kanetsuma, H. *see* Kyotani, H. 8-70988
Kanev, S.K., Du Khak Ha, Kochev, K.D. Photo-induced changes in absorbance of single crystals of $\text{CdSe}:\text{Cd}$, Cu 8-80382
Kanev, S.N., Ris, V.V., Sharov, V.G. Heat transfer during laminar flow in a vertical annular channel with a constant temperature of the outer wall 8-79317
Kanevets, G.E. *see* Fateeva, L.A. 8-63262
Kanevskii, I.N., Kas'yanov, V.A., Nisnevich, M.M. Three-compartment variable-focus ultrasonic lenses 8-94499
Kanevskii, I.N., Nisnevich, M.M. Enhancement of ultrasonic flaw-detection sensitivity by means of focusing systems. I. Theory 8-53112
Kanevskii, I.N., Nisnevich, M.M. Enhancement of ultrasonic flaw-detection sensitivity by means of focusing systems. II. Experiment 8-53113
Kaneyoshi, T. On the paramagnetic Curie temperature in amorphous ferromagnetic metals 8-76242
Kaneyuki, T. *see* Okazaki, K. 8-64576
Kang, M.H., Nguyen, V.T., Chang, T.Y., Damen, T.C., Burkhardt, E.G. Two-photon resonance-enhanced third harmonic generation in deuterium chloride 8-87094
Kang, S.K., Gow, K.V. An improved metallographic technique for the study of nonmetallic inclusions in steel 8-72956
Kang Hichang *see* Hichang Kang
Kang Suk Tai *see* Suk Tai Kang
Kang Thae-Khapp *see* Thae-Khapp Kang
Kangro, A.R. *see* Aboltin, D.E. 8-72606
Kanishchev, V.P. *see* Khlestkin, D.A. 8-66357
Kankeleit, E. *see* Backe, H. 8-50197, 8-62873
Kannan, M.P. *see* Pai Verneker, V.R. 8-73033
Kannari, Y. *see* Sabano, Y. 8-81675
Kannel, A. Calibration models for high enthalpy calorimetric probes 8-70126
Kannewurf, C.R. *see* Ratajack, M.T. 8-88300
Kanninen, M.F., Broek, D., Hahn, G.T., Marschall, C.W., Rybicki, E.F., Wilkowski, G.M. Towards an elastic-plastic fracture mechanics predictive capability for reactor piping 8-68777
Kanninen, M.F. *see* Hahn, G.T. 8-56770
Kanno, H., Angell, C.A. Homogeneous nucleation and glass formation in aqueous alkali halide solutions at high pressures 8-51649
Kan'no, K. *see* Itoh, M. 8-84618
Kanno, M. *see* Namba, T. 8-51740
Kanno, Y. *see* Loewenstein, W.R. 8-73145
Kanno, Y. *see* Tamariuchi, K. 8-90527
Kano, G. *see* Takagi, H. 8-56792
Kano, S. *see* Morita, N. 8-66570, 8-78732, 8-90196
Kano, T. *see* Yamada, H. 8-52740
Kanofsky, A. *see* Corcoran, M.D. 8-70417
Kanoh, H. Approximation of the dynamics of heat exchangers by the method of weighted residuals 8-67024
Kanomata, I., Hayakawa, K. Combination of surface analytical instruments: Present status and facing problems 8-80823
Kanomata, I. *see* Ishitani, T. 8-92579
Kanomata, I. *see* Sakudo, N. 8-70224
Kanomata, I. *see* Taya, S. 8-56929, 8-64908
Kanomata, I. *see* Tokiguchi, K. 8-55071, 8-82073
Kanomata, T., Goto, T., Ido, H. Crystal structures and magnetic properties of intermetallic compounds with Cu_2Sb -type structures in the Fe-Mn-As system 8-59785
Kanonidi, Kh.D., Osipov, N.K., Pimenov, I.A. Quiet-diurnal variations of the geomagnetic field at magnetically conjugate points and variations of the interplanetary magnetic field 8-69287
Kanovich, M.Z., Koltunov, M.A. Equations of forced vibrations for viscoelastic multilayer plates 8-67084
Kanovich, M.Z., Koltunov, M.A., Popov, V.A., Roginskii, S.L., Lipatov, E.A. Calculation of the mechanical characteristics of a composite based on microspheres 8-64578
Kanski, J., Ilver, L., Nilsson, P.O. Angle-resolved UPS studies of CO adsorbed on single crystal Cu. New interpretation of the adsorbate induced structures 8-71983
Kant, A., Sharma, M.N., Tripathi, S.R. Anderson-Gruneisen parameter for heavier halides 8-79715
Kantardjian, G. *see* Amaldi, E. 8-78222
Kantariya, R.V., Kupchenko, G.A., Pavelets, S.Yu., Fedorus, G.A. Nature of long-wave photo-EMF in $\text{Cu}_{2-x}\text{S}-\text{CdS}$ heterojunctions 8-84284
Kantariya, R.V., Pavelets, S.Yu., Fedorus, G.A. Characteristics of the photosensitivity of copper sulfide in the $\text{Cu}_{2-x}\text{S}-\text{CdS}$ system 8-72199
Kantele, J. *see* Ellegaard, C. 8-74331
Kantele, J. *see* Jonsson, N.-G. 8-70716
Kantele, J. *see* Julin, R. 8-70715
Kanter, E. *see* Rockmore, R. 8-70567, 8-78416
Kanter, E.P., Kollwe, D., Komaki, K., Leuca, I., Temmer, G.M., Gibson, W.M. The time evolution of compound elastic scattering measured by crystal blocking 8-62531
Kanter, E.P. *see* Gemmell, D.S. 8-50631
Kanter, E.P. *see* Temmer, G.M. 8-50160
Kanter, M. *see* Chavet, I. 8-82555
Kantor, A.Sh. *see* Vainberg, V.E. 8-85110
Kantor, J. *see* Nir, D. 8-82838
Kantor, M. *see* Sabelli, N.H. 8-58610
Kantorovich, V.M. *see* Kats, A.V. 8-93104
Kantsedalov, V.P. *see* Zaleskii, V.V. 8-95894
Kantseva, T.A. *see* Yelfimov, Ye.I. 8-96008
Kantsevich, I.A. *see* Zabolotskii, A.A. 8-60624
Kantur, O.V., Kyashkin, V.M., Sokolov, V.M., Tkacheva, G.I. Method of studying substructures in metals by astigmatic X-ray microbeam method 8-85076
Kantz, M.R. *see* Lustiger, A. 8-53011
Kanunnikov, L.A. The order of the thermostimulated recombination reaction 8-76536
Kanwal, R.P. *see* Jain, D.L. 8-89353
Kanyuka, A.K. Influence of static stresses on the ordering of alloys of the CrNi_2 type 8-56631
Kanyuka, A.K. *see* Geychenko, V.V. 8-52797
Kanzaki, H. Electron-phonon interaction in alkali and silver halides 8-63991
Kanzaki, N. *see* Kawabe, M. 8-83122
Kanzaki, Y. *see* Matsumoto, O. 8-84726
Kanzawa, M. *see* Sakata, M. 8-92352
Kanzawa, Y. *see* Yasuda, K. 8-92272
Kanzig, W. *see* Bilgram, J.H. 8-59935
Kanzig, W. *see* Rosenfeld, M. 8-63728
Kao, B.G. *see* Fosdick, R.L. 8-86162
Kao, C.W. *see* Chang, C.Y. 8-58037
Kao, E.C. *see* Sobotka, L.G. 8-50122
Kao, S.-K. *see* Ching-Yen Tsay 8-57280
Kao, T.W., Hsien-Ping Pao Note on the flow of a stratified fluid over a stationary obstacle in a channel 8-79321
Kao, W. *see* Landau, D.P. 8-68250
Kao Hua *see* Wang Ke Jen 8-79284
Kao Lun *see* Hsien Ting-Chang 8-78101
Kao Yi-Han *see* Yi-Han Kao
Kaoulla, P. *see* Ellinas, C.P. 8-71286
Kapadia, A. *see* Liu, B.Y.H. 8-90349
Kapahi, V.K. Hot spots in the outer lobes of extragalactic radio sources 8-69899
Kapanadze, A.A. *see* Bogomolov, V.N. 8-88005
Kapanadze, A.A. *see* Bzhilava, T.A. 8-52040
Kapcherin, A.S. *see* Kostandov, Yu.A. 8-51858
Kapchigashev, S.P., Duba, V.V. Energy losses of slow ions in organic medium for elastic nuclear collisions 8-86759
Kapchinski, I.M. Project for a linear accelerator for an experimental neutron generator 8-78540
Kapeller, B. *see* Mendler, N. 8-81022
Kapel'yan, S.N. Fracture of material through the action of an internal heat source 8-67025
Kapetanakis, C.A. *see* Golden, J. 8-78998, 8-93784
Kapetanakis, C.A. *see* Marsh, S.J. 8-67405
Kapicka, V., Kapoun, K., Petrakiev, A. Breakdown of air, N, Ar in superimposed DC and HF electric fields 8-67571
Kapil, A.K. *see* Singal, C.M. 8-72277
Kapinos, V.G. *see* Zhukov, V.P. 8-67796
Kapinos, V.I., Zamostyanik, I.E. Change in the physico-mechanical properties of steel 30KhGSNA under the simultaneous effect of compound stresses and a corrosive environment 8-56803
Kapinos, V.M., Levchenko, V.Ya., Slitenko, A.F., Kozlov, V.V., Volovel'skii, I.L. Effect of temperature factor and turbulence of the impinging stream on the transition in the boundary layer with gradient flow 8-63417
Kapinos, V.M., Pustovalov, V.N., Rud'ko, A.P., Gura, L.A. An experimental study of heat transfer in the flow of air in a rotating radial convergent duct 8-83476
Kapinos, V.M., Slitenko, A.F., Tarasov, A.I. An investigation of unsteady convective heat transfer in channels 8-67198
Kapitanov, E.V., Panyushkin, V.N. Investigation of the phase transition in magnesium stannide under hydrostatic pressure by the Mossbauer effect and electric resistance 8-51665
Kapitanov, V.Ya., Chmyrev, V.M. Pitch-angular scattering of electrons at the parametric instability of whistlers in the magnetosphere 8-77420
Kapitonov, A.M., Korenko, A.P., Smokotin, E.M., Stepanov, G.N. Ultrasonic-wave velocities in Cr_2O_3 near the magnetic phase transition 8-84263
Kapitonov, I.M. *see* Varlamov, V.V. 8-89840
Kapitonov, V.S. Hydrodynamic action for plasma in a magnetic field 8-75302
Kapitonova, K.A. *see* Skuratovskii, I.Ya. 8-76988
Kapitonova, N.P. *see* Vainerman, A.E. 8-56821
Kapitza, H. *see* Berger, Ch. 8-62414, 8-89725
Kapitza, S.P. Synchrotron radiation facilities: their purpose and design 8-78543
Kaplan, B.Z. Use of complex variables for the solution of certain nonlinear systems 8-62062
Kaplan, B.Z., Babay, E., Golan, S. An off balance interferometric bridge which applies heterodyning for recording a relatively wide band of vibratory phenomena 8-70119
Kaplan, D., Sol, N., Velasco, G. Hydrogenation of evaporated amorphous silicon films by plasma treatment 8-91555
Kaplan, D. *see* Cohn, D.R. 8-58417
Kaplan, D. *see* Friederich, A. 8-95514
Kaplan, D. *see* Kowel, S.T. 8-64067
Kaplan, D.M. *see* Vidal, R. 8-89877
Kaplan, D.M. *see* Yoh, J.K. 8-82344
Kaplay, E.D., Reiterov, V.M., Trofimova, L.M., Yasvina, R.N. The quality of calcium fluoride crystals, grown from synthetic raw materials under production conditions 8-79083
Kaplan, F.S. *see* Litovskii, E.Ya. 8-75892, 8-84012
Kaplan, H. Thermal line scan—an alternative to the IR camera 8-58029
Kaplan, H. Thermatrace—a new superposition technique provides composite thermal/visual displays 8-77992
Kaplan, I., Jortner, J. Electronic energy transfer from the S_2 state of rhodamine 6G 8-88346
Kaplan, I.R. *see* Kerridge, J.F. 8-65515
Kaplan, I.R. *see* Simoneit, B.R.T. 8-61396
Kaplan, J., Kuhn, J.H. Direct production of 1^{++} states in e^+e^- annihilation 8-93891
Kaplan, M. *see* Als-Nielsen, J. 8-94984
Kaplan, M. *see* Ball, J.W. 8-80257
Kaplan, M. *see* Miller, J.M. 8-50220
Kaplan, M. *see* Thomas, G.A. 8-79949
Kaplan, M.H. Isotope-powered satellites for Shuttle launches 8-61709
Kaplan, M.W. Birefringence in biological materials 8-56954
Kaplan, M.W., Deffebach, M.E., Liebman, P.A. Birefringence measurements of structural inhomogeneities in Rana pipiens rod outer segments 8-77048
Kaplan, P. *see* Etchepare, J. 8-51627, 8-59893
Kaplan, R., Cooke, R.A., Stradling, R.A. High magnetic field studies of donor excitation spectra in InSb 8-80027
Kaplan, R.E. *see* Haritonidis, J.H. 8-90858
Kaplan, S.A., Kleiman, E.B., Oiringer, I.M. Influence of plasma effects on the conditions for observing lines in the solar spectrum of radio emission 8-96466

- Kaplan, S.A.**, Pybkina, G.B. Dissipation of convective noise waves in the magnetic structure of the upper layers of the solar atmosphere 8-65600
- Kaplan, S.A.** see Grigor'eva, V.P. 8-69636
- Kaplan, T.**, Gray, L.J. Spectral functions of disordered alloys 8-84126
- Kaplan, T.A.** see Mahanti, S.D. 8-67985
- Kaplan, V.B.**, Martsinovskii, A.M., Mustafae, A.S., Serbin, V.I., Sitnov, V.I., Ender, A.Ya., Yur'ev, V.G. Pulsed control with a high-current low-voltage cesium-barium discharge 8-71551
- Kaplan, V.B.** see Babanin, V.I. 8-51382
- Kaplanis, S.** see Stokstad, R.G. 8-78407
- Kaplin, A.A.**, Stromberg, A.G., Pikula, N.P. Use of the method of polarography with accumulation (inversion voltamperometry) in the analysis of macro- and micro-objects 8-61098
- Kaplin, V.V.**, Vorob'ev, S.A. Molecular-type states in fast-electron channelling 8-87731
- Kaplin, V.V.**, Vorobieva, S.A. On the electromagnetic radiation of channeled particles in a curved crystal 8-75698
- Kaplin, V.V.** see Vorob'ev, A.A. 8-83857
- Kaplit, M.** see Smith, G.W. 8-91246
- Kaplow, R.** see DeCristofaro, N. 8-84821
- Kaplow, R.** see Russo, C. 8-71955
- Kaplun, L.Ya.** see Breslav, Yu.A. 8-58084
- Kaplun, V.A.** see Peshkov, N.M. 8-88284
- Kaplun, V.V.** see Lappo, D.D. 8-67205
- Kaplun, Yu.A.** see Gavrilova, A.V. 8-84932
- Kaplunovsky, A.S.** see Tartakovsky, M.B. 8-81052
- Kaplunov, M.Ja.** see Kusinski, A.S. 8-92231
- Kaplyanskii, A.A.** see Akimov, A.V. 8-88360, 8-91400
- Kaplyauskis, Z.I.** Energy of the metastable K-LL Auger transition in neon 8-82704
- Kapoor, A.K.**, Jain, J.K. The evaluation of van der Waals interaction energies in alkali halide crystals 8-71705
- Kapoor, R.N.** see Sharan, R. 8-92471
- Kapoor, S.K.** see Kixit, L. 8-58682
- Kapoor, S.S.** see Kataria, S.K. 8-82290
- Kapoor, S.S.** see Ramamurthy, V.S. 8-54737
- Kapoor, V.K.** see Tandon, P.N. 8-77076
- Kaposvari, Z.** Linear instrument mechanism as an error affected transmission channel 8-49823
- Kapoulitsas, G.M.** Diffraction of long waves by a semi-infinite vertical barrier on a rotating Earth 8-83417
- Kapoun, K.** see Kapicka, V. 8-67571
- Kapp, I.** see Heumann, E. 8-90240
- Kappeler, F.** see Beer, H. 8-74357
- Kappeler, F.** see Wisshak, K. 8-50163
- Kappers, L.A.**, Gilliam, O.R., Stapelbroek, M. Point defects in particle-irradiated single crystals of tetragonal GeO_2 8-80213
- Kappers, L.A.** see Halliburton, L.E. 8-55866
- Kappert, H.F.**, Heidemann, K.F., Grabe, B., te Kaat, E. Range and damage profiling after heavy ion implantation in the MeV region 8-75686
- Kappert, H.F.** see Yang, K.H. 8-83952
- Kapphan, S.** see Loose, P. 8-76486
- Kappler, F.** see Fritscher, U. 8-74470
- Kappler, F.W.** see Bachmann, H. 8-62604
- Kappus, G.** see Brunnee, C. 8-78026
- Kappus, W.** Two-dimensional Born-Green-Yvon equation with anisotropic interactions 8-79882
- Kapral, R.**, Bedeaux, D. The effective shear viscosity of a regular array of suspended spheres 8-51718
- Kapralik, I.**, Potancok, M. The effect of NaPO_3 on phase composition in the system $\text{MgO}-\text{CaO}-\text{SiO}_2-\text{Fe}_2\text{O}_3-\text{Al}_2\text{O}_3-\text{Na}_2\text{O}-\text{P}_2\text{O}_5$ in relation to basic refractories 8-80528
- Kapralova, V.P.** see Baranov, E.I. 8-92841
- Kaplar, L.P.**, Titov, A.I. Coulomb disintegration of relativistic ions 8-89851
- Kaptein, R.**, Dijkstra, K., Nicolay, K. Laser photo-CIDNP as a surface probe for proteins in solution 8-73138
- Kapur, A.**, Steer, R.P., Mezey, P.G. Ab initio SCF MO calculations of the potential surfaces of thiocarbonyls. I. X^1A_1 and a^3A_2 electronic and $\text{a}^3\text{A}_2(\text{b}_1)$ vibrational states of F_2CS 8-86795
- Kapur, S.**, Baer, E., Matsushige, K., Galeski, A. The effect of pressure and environment on the fracture and yield of polymers 8-76757
- Kapustin, V.A.** see Aden, V.G. 8-94086
- Kapustin, V.A.** see Anklam, H.J. 8-68147
- Kapustin, V.I.** see Savitskii, E.M. 8-58094
- Kapustina, M.D.**, Markova, T.Ya., Buzynin, A.N., Pantelev, V.A. Influence of the face of the crystallisation front on the mean square dynamic displacement of silicon atoms in grown crystals 8-67781
- Kapustina, O.A.**, Lupanov, V.N., Chilaya, G.S. Acoustic storage effect in liquid crystals 8-94992
- Kapustkin, V.K.**, Volkov, V.L. Influence of hydrostatic pressure at the electrical conductivity of a single crystal of sodium-vanadium oxide bronze 8-64072
- Kaputerko, M.N.** see Borisevich, N.A. 8-82780
- Kaputkina, L.M.** see Bernshtein, M.L. 8-88464
- Kapuy, E.** see Strausz, O.P. 8-90079
- Kar, A.K.** Impact load for tornado-generated missiles 8-51103
- Kar, B.K.** see Chattopadhyay, A. 8-57169
- Kar, K.**, Dybbs, A. Effective thermal conductivity of fully and partially saturated metal wicks 8-94582
- Kar, M.K.**, Bahadur, S. Micromechanism of wear at polymer-metal sliding interface 8-64727
- Kara-Murza, S.V.** see Belyaev, B.V. 8-72464
- Karaali, S.** Observations of the solar chromosphere in 1967-69 8-61836
- Karabanova, L.V.** see Shilov, V.V. 8-51452
- Karabelas, A.J.** Droplet size spectra generated in turbulent pipe flow of dilute liquid/liquid dispersions 8-67247
- Karabin, M.E., Jr.** see Swedlow, J.L. 8-56720, 8-67114
- Karabourniotis, D.** see Damelincoirt, J.J. 8-59705, 8-67471
- Karabova, M.** see Shabratova, G.S. 8-82359
- Karachava, T.A.** see Kekutua, Sh.E. 8-91496
- Karachentsev, A.Ya.** see Gil'denblat, G.Sh. 8-56153
- Karade, T.M.** On the gravito-C-field in a cylindrically symmetric space-time 8-69926
- Karade, T.M.** Kinematics of new transformations 8-77738
- Karade, T.M.**, Borikar, S.M. Thermodynamic equilibrium of a gravitating sphere in Lyra's geometry 8-65840
- Karadeniz, C.** Neutron spectrum of $^7\text{Li}+^7\text{Li}$ reaction 8-62573
- Karadeniz, C.** Neutron spectrum of $^9\text{Be}+^7\text{Li}$ reaction 8-62574
- Karadjov, D.**, Mikhailov, I.N., Nadjakov, E., Piperova, J. Theory of coupled rotational bands in nuclei. I. General 8-89775
- Karadjov, D.**, Mikhailov, I.N., Nadjakov, E., Piperova, J. Theory of coupled rotational bands in nuclei. II. Application to even-even nuclei 8-89776
- Karady, G.**, Cassel, R. Design philosophy of the 600 MW pulsed energy converters for the toroidal field coil of TFTR at Princeton 8-58496
- Karaev, K.Sh.**, Ashirov, A., Ilyukhin, V.V., Kazakov, A., Belov, N.V. The crystalline structure of 4-chlorophenoxyacetyl-4-propenyl benzene 8-63750
- Karaev, O.A.** see Bulina, I.G. 8-59429
- Karageorgos, Ath.** see Skoulikidis, Th. 8-95836
- Karageorgy-Alkalev, P.M.** see Leiderman, A.Yu. 8-91763
- Karagodov, A.I.** see Karagodova, T.Ya. 8-50492
- Karagodova, T.Ya.**, Karagodov, A.I. Stimulated electronic Raman scattering of light by magnetic sublevels of atoms 8-50492
- Karagounis, G.**, Bersis, D. On the relationship between spreading velocity of liquids and their molecular structure 8-95209
- Karagyozyan, A.G.**, Artsruni, A.A. Electrical resistivity of dilute solutions of manganese in silver between 1.8 and 4.12K 8-68024
- Karakama, I.** see Tsumura, K. 8-96141
- Karakishev, S.D.** see Litvinov, V.S. 8-56621
- Karal'nik, S.** see Koval', A.V. 8-56544
- Karal'nik, S.M.**, Kirichok, P.P., Koval', A.V. Combined X-ray and γ -resonance study of metallic materials with iron 8-64299
- Karam, R.A.** The pressure vessel question 8-58379
- Karam, R.D.** see Hwangbo, H. 8-94737
- Karamyan, S.A.** see Apostolesku, S. 8-86562
- Karamyan, S.A.** see Bugrov, V.N. 8-86563
- Karamyan, S.A.** see Kamanin, V.V. 8-86549
- Karamyan, Zh.K.** see Amaglobeli, N.S. 8-54652
- Karamyshev, M.A.** see Shteingberg, V.E. 8-60953
- Karamzin, Yu.N.**, Sukhorukov, A.P., Filipchuk, T.S. On the existence of 3-frequency soliton solutions in the second approximation in dispersion theory 8-57789
- Karamzin, Yu.N.**, Sukhorukov, A.P., Sukhorukova, A.K. Influence of dispersion of the medium on the characteristics of a parametric ultrasonic radiator 8-94470
- Karamzin, Yu.N.** see Grin', Yu.G. 8-59085
- Karanfilian, S.K.**, Kotas, T.J. Drag on a sphere in unsteady motion in a liquid at rest 8-67170
- Karapetyan, G.G.** The feasibility of a free-electron laser without an external inducing source 8-50746
- Karapetyan, G.G.** Undulator radiation in a rectangular waveguide 8-71021
- Karapetyan, G.O.** see Alekseeva, I.P. 8-87620
- Karapetyan, G.O.** see Dmitryuk, A.V. 8-52573
- Karapetyan, G.O.** see Dvorkin, V.K. 8-87625
- Karapetyan, R.V.**, Fedorov, M.V. Influence of a strong electromagnetic wave on stimulated bremsstrahlung of electrons 8-59623
- Karapetyan, S.S.** see Dukhovskoi, E.A. 8-52143
- Karapet'yants, M.Kh.**, Maier, A.I., Bas'kova, N.A. Standard heats of formation of rare earth and yttrium carbonates 8-53239
- Karas', V.I.** see Betokhin, S.S. 8-86333
- Karasawa, S.** see Shimauchi, M. 8-79004
- Karasek, F.W.** Developments in ISS/SIMS 8-76971
- Karasev, B.G.** see Andreev, A.M. 8-94839
- Karasev, B.G.** see Anisimov, A.M. 8-94359
- Karasev, E.K.**, Vazinger, V.V., Mingaleeva, G.S., Trubkin, E.I. Investigation of the adiabatic expansion of water vapor from the saturation line in Laval nozzles 8-79356
- Karasev, M.V.** Path integral and quasiclassical asymptotic behavior on a Lie group 8-54230
- Karaseva, L.A.** see Demidova, L.I. 8-52109
- Karaseva, N.S.** see Volkov, V.V. 8-60422
- Karaseva, V.A.** see Zhukov, A.A. 8-56646
- Karashima, S.** see Kokawa, H. 8-76680
- Karashima, S.** see Watanabe, T. 8-76629
- Karashin, A.N.** see Grach, S.M. 8-77419
- Karasik, A.Ya.** see Basiev, T.T. 8-80417
- Karasik, V.Ya.** see Akhmedov, S.Sh. 8-66714
- Karastoyanov, A.S.** Principal results of nuclear theory, based on static nuclear Laplacian force 8-54688
- Karasyuk, V.A.** see Kaminskii, A.S. 8-72601
- Karasyuk, V.N.** see Budker, G.I. 8-66739
- Karasyuk, V.N.** see Villeval'd, G.S. 8-87514
- Karat, P.P.**, Madhusudana, N.V. Orientational order and elastic constants of some cyanobiphenyls. III 8-91245
- Karataev, V.D.**, Rudenko, V.N., Sorokin, V.B. Electron-beam surface monitoring for an object accessible only from one side 8-60944
- Karataev, V.V.** see Bublik, V.T. 8-79609
- Karatas, C.** see Szekely, J. 8-53253
- Karato, S.I.** see Toriumi, M. 8-96202
- Karatzas, P.T.**, Couchell, G.P., Barnes, B.K., Beghian, L.E., Harihar, P., Mittler, A., Pullen, D.J., Sheldon, E., Sullivan, N.B. Neutron inelastic scattering cross sections for natural chromium determined from the $(n,n'\gamma)$ reaction 8-62529
- Karavaev, G.F.**, Borisenko, S.I. Band spectra and optical absorption in $n\text{-CdSnAs}_2$ 8-75994
- Karavaev, G.F.** see Alekseeva, Z.M. 8-75986
- Karavaev, S.M.** see Britov, A.D. 8-50777
- Karavaev, V.G.** see Kalinin, E.K. 8-83231
- Karavanov, V.A.** see Ketkovich, A.A. 8-76812
- Karavayeva, E.I.** see Pil', G.I. 8-69289
- Karayan, G.S.** see Ozheredzhyan, A.A. 8-72244
- Karayannis, M.** see Samios, D. 8-59731
- Karayannis, M.I.** see Servetas, E.C. 8-49812
- Karaziya, R.I.**, Udris, A.I., Grabauskas, D.V. Use of the chemical shifts of electron levels in the study of the distribution of the effective charges of atoms in compounds 8-86785
- Karban, O.** see Tungate, G. 8-78357
- Karban, O.** see Vlastou, R. 8-78400
- Karbassioun, A.**, Richardson, J.D. Surface response due to harmonic vibration of a rigid disc on an elastic half-space 8-59333
- Karbushev, N.I.** see Iremashvili, D.V. 8-66735, 8-78874
- Karch, J.** see Pilchowski, K. 8-64828
- Karchenko, N.I.** see Veynberg, V.B. 8-71219
- Karcher, R.**, Luders, K., Szucs, Z. Investigation of the nuclear indirect interaction by NMR line shape analysis of single crystal molybdenum 8-52360
- Karchevskii, A.I.** see Belorusov, A.V. 8-57969
- Kard, P.** Derivation of the special theory of relativity 8-49657
- Kardash, N.V.** see Ivanov, S.S. 8-56809
- Kardash, Yu.I.** see Yatsun, M.A. 8-72983
- Kardo-Sysoev, A.F.**, Chashnikov, I.G. Switching under impact ionization in a semiconductor 8-72215
- Kardon, B.** see Fodar, I. 8-82332
- Kardon, B.** see Fodor, I. 8-70504
- Kardon, B.** see Guven, H.H. 8-82312
- Kardon, B.** see von Egidy, T. 8-66215
- Karekar, R.N.** see Phadke, S.D. 8-80064
- Karel, V.** see Pahuta, P. 8-60746
- Karetnikov, I.A.** see Shalimova, K.V. 8-76543
- Karge, H.G.**, Rasko, J. Hydrogen sulfide adsorption on faujasite-type zeolites with systematically varied Si-Al ratios 8-60029
- Karger, J.** see Heink, W. 8-60341
- Karhan, J.** see Ernst, R.R. 8-74044
- Kari, R.E.** see Daudel, R. 8-94187
- Karig, D.E.**, Anderson, R.N., Bibee, L.D. Characteristics of back arc spreading in the Mariana Trough 8-53640
- Kariglavova, N.B.** see Shepurev, E.I. 8-90466
- Karihaloo, B.L.** Arrays of cracks in perfectly-plastic and strain-hardening materials 8-90798
- Karikh, E.D.**, Shilov, A.F. The influence of the effect of absorption on luminescence parameters of semiconductors 8-80419

- Karim, A.**, Velculescu, V.G. On laser-induced acoustic waves in non-viscous liquids 8-63808
- Karim, A.** *see* Hussain, G. 8-86742
- Karim, A.S.A.**, Whitehead, M.E., Loretto, M.H., Smallman, R.E. Electron radiation damage in HCP metals. I. The determination of the threshold displacement energy in Zn, Cd, Mg and Ti 8-59837
- Karim, A.S.A.** *see* Whitehead, M.E. 8-59838
- Karimov, F.R.** *see* Azimov, S.A. 8-56224
- Karimov, K.A.**, Lukyanov, A.E., Gainutdinova, R.D., Vendrova, R.N. Irregular motion in the upper atmosphere from radiometric measurements 8-96333
- Karimov, M.G.** *see* Bunkin, A.F. 8-78006
- Karimov, R.G.** Excitation of atomic and ionic spectral lines in cathodic regions of a glow discharge 8-63611
- Karing, P.Kh.** *see* Tooming, Kh.G. 8-61450
- Karins, J.** *see* Mooney, P.M. 8-76023
- Karioris, F.G.** Inertia demonstration revisited 8-73811
- Karitskaya, E.A.** *see* Bisnovatyi-Kogan, G.S. 8-69840
- Kariuki, D.**, Kettle, S.F.A. Solid state studies. IX. The vibrational spectra in the 2000 cm^{-1} region of mixed and isotopic crystals of manganese and rhenium pentacarbonyl chlorides and bromides 8-84585
- Kariya, K.**, Shimada, Y. A pulse height analyser for meteorological measurements—wind speed detection method and system 8-88937
- Kark, G.S.** *see* Astaf'ev, A.A. 8-71770
- Karkhanavala, M.D.** *see* Momin, A.C. 8-79712
- Karkhu, V.A.** *see* Zozulya, N.V. 8-75038
- Karkin, A.E.**, Goshchitskii, B.N., Arkhipov, V.E., Valiev, E.E., Sidorov, S.K. Electrical resistivity and transition temperature of highly disordered Nb₃Sn 8-52142
- Kar'kin, A.E.** *see* Goshchitskii, V.N. 8-76181
- Karkina, L.E.** *see* Greenberg, B.A. 8-75714
- Karkkainen, T.** *see* Kauppinen, J. 8-70192, 8-78694
- Karklin, Ya.Kh.** *see* Vitola, V.Kh. 8-76056
- Karkoschka, E.** Impressions of an 'electronic' travel in California [electronic music] 8-66993
- Karl, G.** *see* Isgur, N. 8-50013, 8-82161
- Karl, R.R., Jr.**, Lyman, J.L. Investigation of the multiple-photon dissociation of SF₆Cl with a real time chlorine-atom diagnostic 8-86923
- Karl, V.-H.**, Asmussen, F., Ueberreiter, K. A simple formula for estimating the pressure dependence of the specific volume of partially crystalline polymers 8-75852
- Karlau, J.** *see* Ding, A. 8-55219
- Karle, J.** Structure determination of gaseous and amorphous substances by diffraction methods: philosophical concepts and their implementation (a review) 8-50665
- Karloukovski, V.I.** Exact solutions of a local quasipotential equation 8-54576
- Karlov, D.F.** *see* Ermolov, I.N. 8-53109
- Karlov, N.V.**, Krynetskii, B.B., Stel'makh, O.M. Measurement of the photoionization cross section of the Li atom at the 2P level 8-58637
- Karlov, N.V.**, Prokhorov, A.M. Selective processes induced by resonance laser radiation at the phase boundary of two media 8-64867
- Karlov, N.V.** *see* Alimpiev, S.S. 8-74714
- Karlov, N.V.** *see* Voronov, V.V. 8-49904
- Karlsön, B.R.** On the unique solution of the quantum mechanical problem of four and more particles. (Comment on a letter by Komarov, Popova, and Shablov) 8-86190
- Karlsson, E.** *see* Borghini, M. 8-68439
- Karlsson, E.** *see* Hartmann, O. 8-95537
- Karlsson, L.**, Jadrny, R., Mattsson, L., Foo Tim Chau, Siegbahn, K. Vibrational and vibronic structure in the valence electron spectra of CH₃X molecules (X=F, Cl, Br, I, OH) 8-50581
- Karlsson, L.** *see* Chau, F.T. 8-50536, 8-50537
- Karlsson, L.** *see* Jadrny, R. 8-50582
- Karlsson, L.** *see* Mattsson, L. 8-50580
- Karlsson, R.** Destruction of pseudo-centrosymmetry with direct methods 8-91286
- Karlsson, S.** *see* Sandstrom, R. 8-56656
- Karlsson, S.-E.** *see* Erlandsson, R. 8-63931
- Karlsson, S.-E.** *see* Petersson, L.-G. 8-52636
- Karlsson, U.** *see* Nilsson, G.G. 8-51631
- Karlsson, U.L.** *see* Edie, J.W. 8-58097
- Karlstrom, G.**, Engstrom, S., Jonsson, B. Multi-configurational SCF and CI calculations on the open and closed forms of the ozone molecule 8-78831
- Karlstrom, G.**, Jonsson, B., Roos, B.O., Siegbahn, P.E.M. A critical study of basis set effects and the use of approximate natural orbitals in SCF-CI calculations of molecular geometries and heats of reaction 8-76904
- Karlstrom, G.** *see* Jonsson, B. 8-76846
- Karmakar, R.** Slip flow over a porous flat plate with a variable suction under transverse magnetic field and heat transfer 8-79337
- Karmali, S.A.** *see* Irving, H.M.N.H. 8-95173
- Karmanov, V.A.**, Shapiro, I.S. Relativistic nucleons in nuclei 8-89805
- Karmanov, V.A.** *see* Davidenko, G.V. 8-89917
- Karmanov, V.T.**, Khokhlov, A.F., Pavlov, P.V., Zorin, E.I. Influence of radiation defects on impurity diffusion in silicon 8-55988
- Karmanov, V.T.**, Pavlov, P.V., Zorin, E.I., Tetel'baum, D.I. The effect of argon ion bombardment on the diffusion and electrical activity of phosphorus in silicon 8-95192
- Karmanova, N.G.** *see* Zaguzin, V.P. 8-85278
- Karmeshu** A stochastically perturbed nonlinear point reactor model 8-58316
- Karnakov, B.M.**, Nakhutin, I.E., Rubezhnyi, Yu.G. Electronic levels of a model of a small particle 8-50673
- Karnatak, R.C.**, Bonnelle, C., Lachere, G., Spec-tor, N. Study of 4f and 5f states of rare earths and actinides from 3d X-ray spectra 8-84681
- Karnatsevich, L.V.** *see* Bogoyavlenskii, I.V. 8-83912
- Karnauchov, V.A.** *see* Bogdanov, D.D. 8-78326
- Karnauchov, V.G.** Nonlinear thermoviscoelasticity theory for a generalized thermorheologically simple material 8-57785
- Karnauchov, V.G.** Thermomechanical theory of viscoelasticity for the generalised thermorheology of a simple incompressible material 8-63327
- Karnauchov, V.G.** *see* Gumenyuk, B.P. 8-67074
- Karnauchov, V.G.** *see* Kirichok, I.F. 8-83229
- Karnauchov, V.G.** *see* Senchenkov, I.K. 8-87279
- Karnauchov, V.N.** *see* Frank, G.M. 8-96024
- Karneeva, S.S.** *see* Svirina, E.P. 8-88100
- Karner, M.** About the accuracy of the thermovision temperature measurement 8-65923
- Karner, T.N.** *see* Lushchik, Ch.V. 8-72575
- Karner, W.** *see* Haggstrom, L. 8-68415
- Karnesky, R.A.** Effects of local cesium concentrations on mixed-oxide fuel behavior 8-82452
- Karney, C.F.F.** Stochastic ion heating by a lower hybrid wave 8-91126
- Karney, C.F.F.** *see* Sen, A. 8-67344
- Karnezos, M.**, Friedberg, S.A. Magnetic and structural phase transitions in NiTiF₆·6H₂O 8-68257
- Karnezos, M.**, Meier, D.L., Friedberg, S.A. Uniaxial ferromagnetism in NiZrF₆·6H₂O 8-80143
- Karnik, A.**, Talwar, S.P. Equilibrium structure of magnetized gravitating cylinders 8-96471
- Karnik, A.R.** Spreading characteristics of liquids 8-63904
- Karnschev, A.S.** *see* Vanchikov, V.V. 8-91987
- Karnthaler, H.P.** *see* Wintner, E. 8-59809
- Karny, Z.**, Zare, R.N. Effect of vibrational excitation on the molecular beam reactions of Ca and Sr with HF and DF 8-68877
- Karnyushin, V.N.**, Soloukhin, R.I. Effect of initial conditions on the development of a homogeneous discharge in gases 8-63613
- Karnyushin, V.N.**, Soloukhin, R.I. Formation of a volumetric glow discharge at atmospheric pressure 8-71615
- Karnyushin, V.N.**, Soloukhin, R.I. Pulse discharge stability in the convective-cooled fast-flow lasers 8-94389
- Karnyushin, V.N.** *see* Blinov, V.V. 8-71076
- Karo, A.M.** *see* Hardy, J.R. 8-59859
- Karo, D.P.**, Schneiderman, A.M. Speckle interferometry at finite spectral bandwidths and exposure times 8-69701
- Karo, D.P.** *see* Schneiderman, A.M. 8-65387, 8-65388
- Karol, I.L.** Variations of the global content of stratospheric aerosols and their relation to fluctuations of the average direct solar radiation and temperature at the Earth's surface 8-81327
- Karol, P.J.**, Klobuchar, R.L. Positron two-photon annihilation coincidence technique: difference mode 8-54516
- Karol, P.J.** *see* Klobuchar, R.L. 8-70667
- Karolczak, J.** *see* Borkowski, B. 8-92184
- Karolik, A.S.** *see* Lukhovich, A.A. 8-60117
- Karowski, M.**, Weisz, P. Exact form factors in (1+1)-dimensional field theoretic models with soliton behaviour 8-82211
- Karowski, M.** *see* Berg, B. 8-54552, 8-70261
- Karoza, A.G.** *see* Bodnar, I.V. 8-52498
- Karp, A.H.** Determining velocity gradients from differential Doppler shifts 8-57538
- Karp, A.H.** Efficient computation of spectral line shapes 8-90223
- Karp, A.H.** *see* Duval, P. 8-53920
- Karp, A.H.** *see* Fillmore, J.A. 8-73790
- Karp Soon Rheem**, Won Koo Park, Chong Chul Yook The effect of ageing time and temperature on the strain ageing behaviour of quenched Zircaloy-4 8-56657
- Karpasyuk, V.K.**, Orlov, G.N., Popov, G.P., Shchepetkin, A.A. The dependence of the rectangularity of the hysteresis loop of ferrites on the inverse domain volume in the residual magnetisation state 8-76270
- Karpel'son, A.E.**, Popov, Yu.A., Kolodochkin, Yu.V., Khulap, G.S., Ketovich, A.A., Strokov, V.A. Detection of layer separation (peeling) in multilayered objects by a thermal method using a thermal visualizer 8-53127
- Karpel'son, A.E.** *see* Popov, Yu.A. 8-60945, 8-72994, 8-85107
- Karpenko, B.V.**, Kuznetsov, A.V. Magnetic susceptibility of crystals with strong s-d exchange 8-56283
- Karpenko, G.V.**, Kuslitskii, A.B., Pavlov, V.S., Gonchar, I.G., Davydova, L.N., Evdokimenko, V.I. Effect of nonmetal inclusions on plasticity and impact strength of steel 12X2H4A 8-92296
- Karpenko, G.V.** *see* Kobzaruk, A.V. 8-56802
- Karpenko, V.A.** *see* Goncharenko, A.M. 8-71218
- Karpeshin, F.F.** *see* Demkov, Yu.N. 8-94040
- Karpfen, A.**, Schuster, P., Petkov, J., Lischka, H. Ab initio study of structure and vibrational spectra of SN⁺, SN, and S₂N₂ 8-66475
- Karpinos, B.S.** *see* Tret'yachenko, G.N. 8-63271
- Karpinos, D.M.**, Listovnichaya, S.P., Dzegantovskii, V.P., Balakhnina, V.N. Use of silicon carbide fibers with protective alumina coatings in composites based on a nickel-chromium alloy 8-60623
- Karpinos, D.M.**, Rutkovskii, A.E., Zorin, V.A., Ivanchuk, A.A. Production of porous permeable materials with a prearranged structure from continuous metal fibers 8-68652
- Karpinos, D.M.**, Zil'berberg, V.G. Composite materials and coatings 8-52696
- Karpinos, D.M.** *see* Frantsevich, I.N. 8-60595
- Karpinski, P.** *see* Nyvlt, J. 8-59773
- Karplus, M.** *see* Ohmme, I. 8-55130
- Karplyuk, K.S.** High-frequency thermal noise, induced in a circular aperture antenna immersed in plasma 8-87496
- Karplyuk, K.-S.** *see* Gryaznov, T.A. 8-67438
- Karpman, V.I.** Perturbations conserving solitons 8-49642
- Karpman, V.I.**, Maslov, E.M. Structure of tails produced under the action of perturbations on solitons 8-86197
- Karpoff, A.-M.** *see* Hoffer, M. 8-73353
- Karpov, L.G.** *see* Sergeev, Yu.L. 8-79896
- Karpov, N.I.** *see* Borodulin, V.P. 8-76542
- Karpov, O.G.**, Pushcharovskii, D.Yu., Pobedinskaya, E.A., Burshtein, I.F., Belov, N.V. The crystal structure of the rare-earth silicate NaNdSi₄O₉(OH)·nH₂O 8-63738
- Karpov, O.V.** *see* Zhuravlev, V.A. 8-75412
- Karpov, S.V.** *see* Abolin'sh, Ya.Ya. 8-92081
- Karpov, S.V.** *see* Saburov, E.N. 8-90870
- Karpov, V.A.** *see* Bashmakov, Yu.A. 8-78525
- Karpov, V.I.** *see* Evlampiev, A.I. 8-70110
- Karpov, V.M.**, Zapushkalov, V.G. Optimization of the characteristics of the elastic elements of eddy-current pressure transducers 8-77890
- Karpov, Yu.A.** *see* Akhmetov, V.D. 8-71764
- Karpova, T.A.** *see* Kolesnikov, P.M. 8-83933
- Karpovich, I.A.** *see* Podol'skii, V.V. 8-52015
- Karpinnen, J.**, Blomsens, G. An application of optimization methods to spatial control of nuclear reactor cores 8-54860
- Karpukhin, V.I.**, Lavrent'ev, O.A., Sappa, N.N. Calculation of stationary plasma parameters in electromagnetic trap 8-83603
- Karpukhin, V.T.** High-frequency instability of helium-cesium plasma in crossed ExH fields 8-75305
- Karpukhin, V.T.**, Konev, Yu.B. Evaluation of the parameters of an industrial laser for ferrous metallurgy 8-92392
- Karpukhin, V.V.** *see* Alekseev, G.D. 8-70701
- Karr, M.A.**, Rich, T.C., DiDomenico, M., Jr. Lightwave fiber tap 8-79105
- Karr, M.A.** *see* Chen, F.S. 8-79059
- Karra, J.S.** *see* Kim, J.W. 8-68372
- Karraker, D.G.** *see* Balcerak, T.W. 8-80258
- Karreman, G.** *see* Weygandt, C.N. 8-53435
- Karsai, M.** *see* Komaromi, M. 8-52838
- Karsh, H.** Cardiac-output analyzers [calibration and maintenance] 8-69239
- Karshon, U.** *see* Braun, H. 8-58208
- Karshon, U.** *see* Eisenberg, Y. 8-54657
- Karson, A.D.**, Tilley, D.R. Retarded electromagnetic modes in a ferromagnetic slab 8-84405
- Karstrom, U.** *see* Gudmandsen, P. 8-81419
- Karsybaev, M.Sh.**, Tkachev, V.D. Electrical properties of high-resistivity p-type silane silicon irradiated with 14 MeV neutrons 8-51939
- Kartalopoulos, S.V.**, Raftopoulos, D.D. A novel optical method for the evaluation of the ratio of Poisson's ratio to the modulus of elasticity of optically transparent materials 8-90804
- Kartalopoulos, S.V.** *see* Raftopoulos, D.D. 8-90777
- Kartashev, V.G.**, Skachkov, V.L. An investigation of the process of reflection of an electromagnetic wave from nonhomogeneous plane-stratified plasma 8-87453

- Kartashov, E.M.**, Nechaev, V.M. Solution of boundary value problems for the heat conductivity equations in noncylindrical regions by the Green's function method 8-63267
- Kartashov, O.G.**, Kupchenko, L.F., Lishchina, T.G. Use of diffraction gratings to adjust holographic matched filtration systems 8-87027
- Kartashova, L.G.** Evolution of the chromospheric network during development of active regions 8-57531
- Kartashova, V.G.** see Asratyan, A.E. 8-62389
- Kartazhaev, V.A.**, Piotrovskii, Yu.A., Tolmachev, Yu.A. Inelastic collisions between metastable helium and mercury atoms 8-50627
- Kartenko, N.F.** see Gulubkov, A.V. 8-91334
- Karthe, W.** Structure and kinetics of paramagnetic centres in α -Li₂O₃ 8-84480
- Kartuzhanskii, A.L.** see Kalyuzhnyi, V.M. 8-49928, 8-58083
- Kartvelishvili, K.M.** Normal potential and gravity in space and on the surface of a levelled ellipsoid 8-69276
- Kartvelishvili, V.M.** see Banichuk, N.V. 8-63295
- Karunanidhi, N.** see Thirugnanasambandam, P. 8-50662
- Karuzo, S.P.** see Alekseev, B.N. 8-90620
- Karvatskii, L.M.**, Koval', V.P. Influence of manganese and nickel on the penetration and occlusion of hydrogen in carbon steels 8-56813
- Karvinen, R.** Note on conjugated heat transfer in a flat plate 8-87345
- Karvinen, R.** Some new results for conjugated heat transfer in a flat plate 8-94682
- Karwowski, H.R.** see Castaneda, C.M. 8-86545
- Karwowski, J.**, Klobukowski, M. A relativistic pseudopotential for spherical systems 8-82653
- Karwowski, J.** see Klobukowski, M. 8-90081
- Karwowski, J.** see Szulkin, M. 8-82688
- Karwowski, W.**, Streit, L. A renormalisation group model with non-Gaussian fixed point 8-54564
- Karyakina, T.I.** see Lyudvinskii, A.I. 8-60628
- Karyazova, E.V.** see Lagunov, A.S. 8-49876
- Karyuk, G.G.** see Bochkov, A.V. 8-60752
- Karzmark, C.J.**, Huisman, P.A. A versatile radium storage safe 8-92736
- Karzmark, C.J.** see Rust, D.C. 8-92710
- Karzov, G.P.** see Balandin, Y.F. 8-68819
- Kasabov, I.D.**, Goranova, E.A., Velchev, N.B. Photoelectric properties of high-resistivity silicon structures 8-91730
- Kasahara, K.** On the apparent break of scaling features in high-energy cosmic-ray components in the atmosphere 8-93062
- Kasahara, K.** see Kato, T. 8-88932
- Kasai, A.** see Kato, S. 8-74443
- Kasai, H.** see Okiji, A. 8-52084, 8-76331
- Kasai, J.** see Hayashi, K. 8-95193
- Kasai, K.**, Hamaguchi, C. Hot-electron magneto-phonon effect in n-InSb at 77K investigated by magnetic field modulation technique 8-60140
- Kasai, K.** see Kuriyama, I. 8-59835
- Kasai, M.** see Nakamura, H. 8-66416
- Kasal, P.H.**, McLeod, D., Jr. Copper-atom-acylene complexes. Matrix isolation electron spin resonance study 8-50564
- Kasai, S.**, Azumi, M., Funahashi, A., Sugie, T., Takizuka, T. Doppler temperature and particle confinement time determined from measurements of H₂-line on a Tokamak plasma in the JFT-2a device 8-55737
- Kasai, S.**, Funahashi, A., Konoshima, S., Nagami, M., Sugie, T., Mori, K. Absolute calibration of a grazing-incidence vacuum monochromator by means of Tokamak discharges 8-87492
- Kasai, S.** see Nagami, M. 8-86685
- Kasai, S.** see Odajima, K. 8-86684
- Kasai, S.** see Ohasa, K. 8-59691
- Kasai, S.** see Sugie, T. 8-63584
- Kasai, T.**, Ishida, F., Ando, K. Growth reproducibility of the bubble properties of (YSm-LuCa)₃(FeGe)₂O₁₂ films 8-92208
- Kasai, T.**, Masui, T., Nakane, H., Hanazaki, I., Kuwata, K. Study of chemiluminescence in O+NO elementary reaction by a crossed beam technique 8-64843
- Kasal, Y.** see Muto, K. 8-58328
- Kasamanyan, Z.H.** see Barsegyan, S.Kh. 8-72618
- Kasamutsu, M.** A high power Ar ion laser and its problems 8-59019
- Kasana, R.S.**, Dayal, K., Bhatnagar, G.P. Search for the exact spatial frequency plane of a Fourier-transforming lens 8-63012
- Kasano, H.** Diatomic-complex donor and acceptor model for Ge-doped vapor-grown GaAs 8-80003
- Kasano, H.** Role of diffused Ga vacancy in the degradation of vapor-grown GaAs 8-95050
- Kasano, H.**, Matsumoto, H., Nakahara, I. An infinite solid cylinder subjected to two diametrically opposite concentrated loads 8-63287
- Kasatkin, A.A.** see Ershov, G.S. 8-79791
- Kasatkin, A.L.** see Pan, V.M. 8-64168
- Kasatkin, B.A.** Generalized orthogonality of thickness normal modes of a loaded piezoelectric plate 8-90585
- Kasatkin, B.A.**, Pavin, N.Ya. Energy criterion for evaluating the transducer performance in the pulse mode 8-87227
- Kasatkin, S.I.** see Vaisburd, D.I. 8-84961
- Kasatkin, Yu.A.** see Shevchenko, N.G. 8-86473, 8-89785
- Kasatochkin, S.V.**, Yakovlev, E.N. Investigation of S-state splitting the gadolinium ion in fluorite crystals by ESR and ENDOR at high pressure 8-52345
- Kasaya, M.**, Tarascon, J.M., Etourneau, J., Hagenmuller, P. Study of carbon-substituted EuB₆ 8-91842
- Kaschieva, S.B.** MOS structures with thin oxide irradiated with gamma rays 8-84302
- Kaschieva, S.B.** see Lysenko, V.S. 8-72272, 8-80056, 8-88488
- Kasdan, H.L.** Optical power spectrum sampling and algorithms 8-63032
- Kase, K.R.** see Cobb, P.D. 8-85384
- Kase, M.**, Kikuchi, J., Doke, T. Half-life of ²³⁸U spontaneous fission and its fragment kinetic energies 8-86555
- Kase, S.** see Tsujitani, M. 8-84921
- Kasemo, B.**, Wallden, L. Initial oxidation of potassium at 77 and 295K 8-76792
- Kasemura, T.**, Yamashita, N., Suzuki, K., Kondo, T., Hata, T. Studies on surface tension of polymers in relation to their structures. III. Surface tension of alkanediols and their condensation polymers (poly(alkylene glycol)s) 8-79857
- Kasemura, T.**, Yamashita, N., Suzuki, K., Kondo, T., Hata, T. Studies on surface tension of polymers in relation to their structures. IV. Composition dependence of surface tension of copolymers 8-79860
- Kaser, K.** see Wohlfahrt, H.D. 8-54679
- Kash, M.M.** see Littman, M.G. 8-70761
- Kasha, H.** see Morse, W.M. 8-89858
- Kashaev, A.A.** see Sapozhnikov, A.N. 8-95038
- Kashaev, R.S.**, Gil'manov, A.N., Gubaidullin, F.F., Kost, M.E. Proton magnetic relaxation in lanthanum hydrides 8-88217
- Kashaev, Yu.G.**, Novikov, S.A., Sinit'syn, V.A. Utilization of the electron-inertial effect in shock loading to measure rod strain 8-51139
- Kashcheev, V.N.** The phonon polarization operator in one- and two-dimensional crystals 8-79676
- Kashcheev, V.N.** Critical anomaly of the thermal conductivity of ferromagnets 8-80159
- Kashcheev, V.N.** Phonon relaxation in one- and two-dimensional displacive-type ferroelectrics 8-87761
- Kashcheev, V.N.** Magnon relaxation in Heisenberg chain in external field 8-91854
- Kashchenko, N.M.** see Nikitin, M.A. 8-73567
- Kashchuk, A.P.** see Burq, J.P. 8-89741
- Kashdan, N.** see Teichholz, L.E. 8-80938
- Kashida, S.** Successive Jahn-Teller phase transitions in K₂PbCu(NO₃)₆ 8-79762
- Kashida, S.** see Kaga, H. 8-51616
- Kashima, N.**, Uchida, N. Transmission characteristics of graded-index optical fibers with a lossy outer layer 8-55437
- Kashina, T.A.** see Rezukhina, T.N. 8-61042
- Kashirina, N.I.** see Deigen, M.F. 8-79678
- Kashiwaba, Y.** see Komatsu, M. 8-92194
- Kashiwabara, H.** see Shimada, S. 8-85182
- Kashiwagi, H.**, Watanabe, S. Excimer laser oscillation and amplification researched for high output and high efficiency 8-66807
- Kashiwagi, H.** see Miyazaki, K. 8-94413
- Kashiwagi, H.** see Sato, T. 8-77373
- Kashiwagi, H.** see Watanabe, S. 8-78997
- Kashiwagi, K.** see Murayama, Y. 8-92202
- Kashiwagi, T.** see Chabay, I. 8-92564
- Kashiwara, M.**, Kawai, T., Oshima, T. A study of Feynman integrals by micro-differential equations 8-74123
- Kashkarov, P.K.**, Kiselev, V.F., Kozlov, S.N. Investigation of slow surface states on a real germanium surface by the optical excitation technique 8-76129
- Kashlakov, V.M.** see Vostroknutov, N.N. 8-77839
- Kashlev, Yu.A.** see Solov'ev, G.S. 8-75879
- Kashnikov, N.L.** see Mal'isev, M.V. 8-68710
- Kashparova, O.D.** see Popov, A.P. 8-76975
- Kashtalyan, Yu.A.** see Rodichev, Yu.M. 8-83867
- Kashukeev, N.T.**, Stanev, G.A., Surdzhiiski, V.T., Stoyanova, E.N. Total reaction cross sections of certain metals and gases for very cold neutrons 8-86566
- Kashurin, A.N.** see Vyskrebtsov, V.B. 8-83230
- Kashy, E.** see Benenson, F. 8-78264
- Kashy, E.** see Naulin, F. 8-50078
- Kasimovskaya, E.E.** see Tal'roze, V.L. 8-53699
- Kasiraj, P.** see Geoffroy, K.A. 8-74396
- Kask, P.**, Kandler, T. The effect of clipping in fluorescence correlation spectroscopy 8-55198
- Kaski, K.**, Kuivalainen, P., Stubb, T. Transport properties of EuO at ferromagnetic resonance 8-68387
- Kasoev, S.G.**, Lyamshev, L.M. Theory of laser-pulse generation of sound in a liquid 8-83882
- Kasova, I.** see Cihal, V. 8-60875
- Kasowski, R.V.** see Herman, F. 8-52065
- Kasparaitis, A.Yu.**, Budginas, S.Yu., Avdulov, A.N. Construction of ultraprecision spindle units on aerostatic supports 8-77880
- Kasparyan, K.I.** see Gerasimov, A.B. 8-55893
- Kasparyan, R.M.** see Korobova, T.A. 8-60603
- Kasper, E.** see Hoch, H. 8-55277
- Kasper, J.S.** see Bonner, J.C. 8-68209
- Kasper, K.** see Kroger, W. 8-82429
- Kasper, K.** see Wolters, J. 8-58390
- Kasper, P.** see Tovey, S.N. 8-66147
- Kasper, U.** Cosmology and description of local space-time properties by Einstein's equations 8-61942
- Kasper, U.** On the interaction of fermion and boson fields with the gravitational field 8-86208
- Kasperczuk, A.** see Denus, S. 8-83614, 8-83615
- Kasperkiewicz, J.** Apparent spacing in fibre reinforced composites 8-79222
- Kasperkiewicz, J.** Reinforcement parameter for fibre concrete 8-79223
- Kasperovich, A.N.**, Mantush, O.M., Shalaginov, Yu.V. Two-channel data gathering and registration system for fast-action experiments 8-77877
- Kasprzak, W.**, Lysik, B. Multistage construction of a mathematical model of a process, based on dimensional analysis 8-54171
- Kasprzak, W.**, Lysik, B., Szata, M. Problems of the selection of a dimensional base in experiment design and planning 8-49636
- Kass, L.** see Harthine, P.H. 8-69054
- Kass, R.S.** see Weingart, R. 8-61155
- Kassam, S.A.** see Jung Gil Shin 8-63245
- Kassem, M.A.** Fracture toughness and its determination. A method for practical feasibility and general applicability 8-92412
- Kassem, S.E.** see Gorgui, M.A. 8-79331, 8-90926
- Kassen, D.** see Drevs, W. 8-89904
- Kassim, H.A.**, Dubey, K.S. Lattice thermal resistivity due to the presence of electrons 8-51756
- Kassim, H.A.**, Matthew, J.A.D., Green, B. Electronic structure of the surface F centre in ionic crystals 8-64091
- Kassing, R.** see Dudeck, I. 8-95351
- Kassir, M.K.** Three dimensional notch problems 8-94622
- Kassman, A.J.** Rigorous bounds on the conductivity of isotropic one-dimensional polycrystals 8-68022
- Kassner, J.L., Jr.** see White, D.R. 8-90034
- Kassner, T.F.** see Natesan, K. 8-52916
- Kassoy, D.R.**, Libby, P.A. Stagnation point boundary layer on a subliming surface with numerous small roughness elements 8-94635
- Kassoy, D.R.**, Linan, A. The influence of reactant consumption on the critical conditions for homogeneous thermal explosions 8-92483
- Kastal'skii, A.A.**, Semerdzhyan, B.O. 'Overheating' luminescence emitted by a p-n junction 8-92122
- Kasteleleicz, H.**, Bachmann, P. Stationary states of a non-thermal oxygen plasma model 8-63544
- Kasteleyn, P.W.** see Boel, R.J. 8-84375, 8-95409
- Kasteleyn, P.W.** see Groeneveld, J. 8-93616
- Kasten, F.** see Jaenicke, R. 8-88912
- Kasten, P.R.**, Dahlberg, R.C., Wymer, R.G. The thorium fuel cycle—a nuclear strategy and fuel recycle technology 8-86662
- Kastenber, W.E.** Reactor safety in the nuclear engineering program at UCLA 8-58377
- Kastenber, W.E.** see Kin Wah Wong 8-58371
- Kastenber, W.E.** see McKone, T.E. 8-78511
- Kastenber, W.E.** see Reilly, J.T. 8-78447
- Kastha, G.S.** see Bhaumik, D. 8-50659
- Kastha, G.S.** see Som, J.N. 8-58702
- Kastner, M.**, Fritzsche, H. Defect chemistry of lone-pair semiconductors 8-51935
- Kastner, M.**, Hudgens, S.J. Evidence for the neutrality of luminescence centres in chalcogenide glasses 8-88356
- Kastner, M.** see Fritzsche, H. 8-67984, 8-72063
- Kastner, S.O.**, Mason, H.E. Limb-brightening observations from the OSO-7 satellite. III. Comparison of EUV line intensities of Fe XII, Fe XI, Fe XV, Si X and S XII, Si IX and S XI with predictions 8-69759
- Kastner, S.O.**, Wade, C., Jr. Aspheric grating for extreme ultraviolet astronomy 8-57451
- Kastrinakis, E.G.**, Wallace, J.M., Willmarth, W.W., Ghorashi, B., Brodkey, R.S. On the mechanism of bounded turbulent shear flows 8-90854
- Kastrup, H.A.** An electromagnetic model for charge confinement 8-78078

- Kasuga, Y.**, Tsutsumi, S., Mori, T. On the shearing process of ductile sheet metals. Material flow in the deformation zone of the metal subjected to blanking with tools having closed contours 8-84841
- Kasumov, F.K.** *see* Guseinov, O.K. 8-93290
- Kasumzade, Yu.M.**, Yakh'yev, R.Sh. Photon radiation produced by electron-positron decomposition to a neutrino-antineutrino pair, allowing for weak photon-neutrino interaction 8-62385
- Kasuya, K.** *see* Horioka, K. 8-74881
- Kasuya, M.** The Einstein-Cartan theory of gravitation in a Hamiltonian form 8-93581
- Kasuya, T.** Valence mixed states in rare earth compounds 8-51945
- Kas'yan, O.K.** *see* Aksenov, V.I. 8-69563
- Kas'yan, V.G.** *see* Dyatlov, M.K. 8-74889
- Kas'yanenko, E.V.** *see* Tarantov, Yu.A. 8-64141
- Kas'yanov, V.A.** *see* Kanevskii, I.N. 8-94499
- Kas'yanov, V.A.** *see* Puriya, B.A. 8-65068
- Kasyndzhanov, M.A.** *see* Achilov, M.F. 8-52575
- Kasymov, Sh.S.** *see* Astrov, Yu.A. 8-49903
- Kasymova, N.S.** *see* Boos, E.G. 8-62530
- Kasymova, S.S.**, Lun'kin, S.P., Milyukov, E.M. The glass-forming region and the optical properties of glasses in the $\text{PbO-Bi}_2\text{O}_3\text{-GeO}_2$ system 8-88453
- Kataev, G.I.** *see* Nikitin, S.A. 8-49869, 8-57991
- Kataev, Yu.G.** *see* Lavrent'eva, L.G. 8-68098
- Katagi, T.** *see* Yamada, M. 8-57358
- Katagiri, K.**, Omura, A., Koyanagi, K., Awatani, J., Shiraishi, T., Kaneshiro, H. Dislocation structures around the crack tips in the early stage in fatigue of α -brass 8-60830
- Katagiri, K.** *see* Awatani, J. 8-64623
- Katahara, K.W.**, Manghnani, M.H., Fisher, E.S. Volume dependence of the elastic properties of BCC transition metals 8-95103
- Katahira, M.** X-Y recorders: superior results achieved 8-49816
- Katajanheimo, R.** *see* Tuurnala, T. 8-78321
- Katakura, H.** *see* Tsuji, S. 8-90966
- Katakuse, I.**, Matsuo, T., Nakabushi, H., Matsuda, H. Low energy ion source with high efficiency 8-62261
- Katal'nikova, I.N.**, Smirnov, L.I., Latyshev, V.V. Hydrogen diffusion and permeability in the ordered FeCo alloy 8-79819
- Katano, Y.** *see* Hishinuma, A. 8-55891
- Katanov, A.A.** *see* Gasyimov, T.M. 8-56174
- Kataoka, I.** *see* Sakurai, A. 8-89951
- Kataoka, K.**, Takami, T., Kawachi, Y. Influence of the surrounding fluid on impinging jet cooling 8-79350
- Kataoka, T.**, Kitano, T., Sasahara, M., Nishijima, K. Viscosity of particle filled polymer melts 8-87319
- Kataria, N.D.** *see* Mathur, P.C. 8-72172
- Kataria, S.K.**, Ramamurthy, V.S., Kapoor, S.S. Semiempirical nuclear level density formula with shell effects 8-82290
- Katavic, I.** Investigation of the effect of abrasive wear on carbide structure in cast iron 8-88540
- Katayama, I.** *see* Ikegami, H. 8-50065, 8-54731
- Katayama, K.**, Shimomura, R. Simultaneous transient measurement of thermal properties of anisotropic solids 8-94581
- Katayama, M.** *see* Hatori, T. 8-65198
- Katayama, S.** *see* Kawamura, H. 8-76416
- Katayama, T.**, Tsumihata, T., Hasegawa, K., Kawanishi, K. Annealing effects on magnetic properties of amorphous GdCo, GdFe, and GdCoMo films 8-64235
- Katayama, T.** *see* Kondo, K. 8-60107
- Katayama, T.** *see* Nishihara, Y. 8-63950
- Katayama, T.** *see* Ohgaki, K. 8-79754
- Katayama, T.** *see* Shibata, T. 8-68298
- Katayama, Y.**, North, R.A. Does substance P mediate slow synaptic excitation within the myenteric plexus? 8-73153
- Katayev, I.G.** *see* Basov, A.A. 8-79060
- Katchan, V.Ya.** *see* Gorban', V.P. 8-80490
- Katcoff, S.** *see* Gilat, Z. 8-54724
- Katekar, J.** *see* Hubbard, A.T. 8-61015
- Katen, J.H.** *ten* *see* Katen, J.H.
- Katerbau, K.-H.** *see* Rapps, P. 8-71645
- Katerbau, K.-H.** *see* Uchida, Y. 8-83660
- Katerle, H.-J.** Remote programming of real time computers as a tool for experimenters 8-53791
- Katgerman, L.**, Van Liere, J. The nucleation of a second phase on a screw dislocation 8-51540
- Kath, U.**, Kuhl, W. Structure-borne sound reduction in buildings 8-94483
- Katholi, C.R.** *see* Vance, O.L. 8-94609
- Kathuria, A.K.** *see* Mehra, R.M. 8-56161
- Katilyus, R.** *see* Akatov, L.L. 8-64375
- Katicioglu, B.**, Pautrat, J.L., Bensahel, D., Magnea, N. Dual ion implantation in ZnTe ($\text{O}+\text{Zn}$). Interaction between solubility and stoichiometry 8-87697
- Katiyar, R.** *see* Winterling, G. 8-80354
- Katiyar, R.S.** *see* Barbosa, G.A. 8-64342
- Katiyar, R.S.** *see* Scarparo, M.A.F. 8-79700
- Katkov, V.M.** *see* Baier, V.N. 8-82076
- Katlinskii, V.M.**, Kotlik, L.L. Diffusion of hydrogen in molybdenum 8-79811
- Kato, A.** *see* Hojo, J. 8-60626
- Kato, A.** *see* Suyama, Y. 8-68660, 8-95744, 8-95746
- Kato, A.** *see* Tamari, N. 8-51865
- Kato, D.** Nonlinear pulse propagation in high-energy glass laser amplifiers 8-50780
- Kato, D.** High-quality broad-band optical communication by time-division multiplexed pulse analog modulation: Nonlinearity in diode lasers 8-55455
- Kato, D.** High-reflectivity cavity mirrors for high-performance (GaAl)As diode lasers 8-82994
- Kato, H.** *see* Goto, S. 8-87364
- Kato, H.** *see* Murakami, M. 8-83501
- Kato, H.** *see* Muta, T. 8-92338
- Kato, H.** *see* Tachibana, A. 8-60087
- Kato, H.** *see* Yokoya, K. 8-54270
- Kato, I.**, Iwasaki, A., Adachi, A., Shimizu, T. Calculations of line absorption for the Voigt profile 8-90123
- Kato, I.**, Morita, H., Onozuka, T. Development of myoelectric control system for an above-knee prosthesis 8-53575
- Kato, J.** *see* Ikeda, T. 8-76432
- Kato, K.** Second-harmonic generation at 2660 Å in $\text{BeSO}_4 \cdot 4\text{H}_2\text{O}$ 8-90451
- Kato, K.**, Bando, H. Alpha- and ^8Be -spectroscopic factors of ^{20}Ne and ^{24}Mg 8-62494
- Kato, K.**, Kikuchi, T. The crystal structure of bismuth titanium niobate BiTiNbO_6 8-79570
- Kato, K.**, Miyazawa, H., Yoshikawa, K. Energy dependence of proton-proton cross section 8-62458
- Kato, K.**, Murota, T., Ishida, A. On interferometry for measurement of difference between two deformations using diffraction beams 8-75108
- Kato, K.**, Ueda, S. Influence of substrate orientation on anodic films of aluminium 8-88581
- Kato, K.** *see* Fukunishi, K. 8-94105
- Kato, K.** *see* Ito, U. 8-84755
- Kato, K.** *see* Kawachi, M. 8-75537
- Kato, K.** *see* Kayaba, T. 8-60850
- Kato, K.** *see* Shimizu, H. 8-94496
- Kato, K.** *see* Uchitomi, S. 8-86245
- Kato, K.** *see* Ugai, S. 8-53680
- Kato, M.**, Monzen, R., Mori, T. A stress-induced martensitic transformation of spherical iron particles in a Cu-Fe alloy 8-52803
- Kato, M.** *see* Mori, T. 8-84810
- Kato, M.** *see* Sato, O. 8-96320
- Kato, M.** *see* Uematsu, K. 8-68656
- Kato, N.** *see* Shibuya, A. 8-66285
- Kato, R.**, Kamada, M. Optical spectra of NaNO_2 in the ultraviolet region 8-76403
- Kato, R.** *see* Kamada, M. 8-76488
- Kato, S.**, Anazawa, Y., Iwaya, Y., Wadachi, Y., Kasai, A., Yoshida, Y. Fixation of radioactive materials released from reactor cooling water by sandy soil 8-74443
- Kato, S.**, Hasegawa, T., Tanaka, M. A QDD-type magnetic spectrometer 8-78552
- Kato, S.**, Iga, T. Effect of crystallinity of $\text{NH}_4\text{AlO}(\text{OH})\text{HCO}_3$ on the sinterability of α -alumina 8-52711
- Kato, S.**, Iga, T., Hatano, S., Isawa, Y. Effects of synthesis conditions of $\text{NH}_4\text{AlO}(\text{OH})\text{HCO}_3$ on sinterability of alumina obtained by thermal decomposition 8-52710
- Kato, S.**, Konishi, R. Recent developments in appearance potential spectroscopy 8-78052
- Kato, S.** *see* Hosono, K. 8-82343
- Kato, S.** *see* Inada, T. 8-83834
- Kato, S.** *see* Nakamura, M. 8-54754
- Kato, S.** *see* Toshioka, K. 8-93885
- Kato, T.** Monotonicity theorems in scattering theory 8-74163
- Kato, T.**, Hyodo, S., Fujiyama, T. Study of local structures formed in ethanol solutions. Determination of equilibrium constants by light scattering and infrared spectra 8-84564
- Kato, T.**, Kasahara, K. The time-space domain presentation of levelling data 8-88932
- Kato, T.**, Umemura, J., Takenaka, T. Raman spectral studies of ionic motion and ionic interaction in aqueous nitrate solutions 8-92067
- Kato, T.** *see* Haga, E. 8-64017
- Kato, T.** *see* Kobayashi, K. 8-73270
- Kato, T.** *see* Takahashi, A. 8-79861
- Kato, Y.**, Okada, K., Fukuzaki, H., Takenaka, T. Vibrational spectra of rare earth bromate nonahydrate crystals 8-84569
- Kato, Y.** *see* Hasegawa, N. 8-68759
- Kato, Y.** *see* Hashimoto, S. 8-92854
- Kato, Y.** *see* Jun-Ichi Sakai 8-94437
- Kato, Y.** *see* Kobayashi, K.L. 8-80463
- Kato, N.**, Kiyose, R., Yamamoto, Y. Design of environmental monitoring system of nuclear facility based on a method of pattern recognition 8-55043
- Katoh, T.** *see* Ikeda, Y. 8-86476
- Katon, J.E.** *see* Krause, P.F. 8-72502
- Katona, T.**, Sbotinob, L. Modification of the subcooled boiling calculation in the COBRA-3/KFKI program 8-82434
- Katori, K.**, Furuno, K., Ooi, T. Enhancement of the excitation function for the 0^+ , 6.049-MeV state of ^{16}O on the reaction $^{12}\text{C}(^{16}\text{O}, ^{12}\text{C})^{16}\text{O}$ 8-58299
- Katori, K.** *see* Furuno, K. 8-50189
- Katori, K.** *see* Tagishi, Y. 8-70523
- Katow, M.S.** *see* Levy, R. 8-57448
- Katra, T.** *see* Singh, R. 8-59217, 8-90618
- Katrenko, A.V.** *see* Polishchuk, E.S. 8-62197
- Katrich, A.B.** *see* Zadorozhnyi, V.I. 8-68021
- Katriel, J.** *see* Moiseyev, N. 8-787701.7lic
- Katriel, J.** *see* Tenenbaum, J. 8-82955
- Katrunkhin, Yu.K.**, Kocharov, N.G., Doroshenko, A.P. Production of stationary strong magnetic fields using windings with constant current density 8-57990
- Katrunov, K.A.**, Koshkin, V.M., Mil'ner, A.P., Shevchenko, S.I. Energy band splitting in intercalated insulators 8-76027
- Katrunova, E.A.**, Voitenko, A.P., Dobrovol'skaya, G.V., Yaremenko, V.I., Verkhovtseva, E.T. Facility for electron diffraction investigation of supersonic streams flowing into a vacuum 8-75235
- Kats, A.V.**, Kantorovich, V.M. On power distribution setting in the plasma turbulent reactor 8-93104
- Kats, E.I.** On the optical activity in mixtures of cholesteric liquid crystals 8-71677
- Kats, L.I.**, Safonov, A.A., Somov, A.Yu. Use of the effects of a high electric field in semiconductor plasma for modulation of millimeter radiation 8-60149
- Kats, M.M.**, Nizhnii, S.V. Medicinal substances—modifiers of permeability of bilayer lipid membranes 8-69026
- Kats, M.Ye.** *see* Dorman, L.I. 8-77441
- Kats, V.B.** Change in structure during phase changes of the second kind in diamond-type crystals 8-63692
- Katsamanis, F.** *see* Theocaris, P.S. 8-56724
- Katsenelenbaum, B.Z.** *see* Afanas'yeva, T.B. 8-87154
- Katskov, D.A.**, Grinshtein, I.L. Atomisation in a graphite ballast furnace—a way of improving the reliability of atomic absorption analysis 8-85279
- Katsnel'son, A.A.**, Aleksandrov, V.I., Osiko, V.V., Revkevich, G.P., Stupina, N.N., Tatarintsev, V.M. The pattern of diffuse scattering of X-rays in single crystals of the $\text{HfO}_2\text{-Y}_2\text{O}_3$ and $\text{ZrO}_2\text{-Y}_2\text{O}_3$ solid solutions 8-71728
- Katsnel'son, A.A.** *see* Gonchar, N.A. 8-76987
- Katsnel'son, A.A.** *see* Iveronova, V.I. 8-67608
- Katsnelson, A.A.** *see* Khwaja, F.A. 8-79954
- Katsnel'son, A.A.** *see* Revkevich, G.P. 8-63839
- Katsnel'son, A.A.** *see* Silonov, V.M. 8-63696
- Katsnel'son, A.A.** *see* Vasilev, G.P. 8-56614
- Katsnel'son, A.Sh.** Metal-foil contact-resistance transducers 8-89466
- Katsnel'son, M.I.**, Okulov, V.I. Transverse E-type quantum waves in thin metal films 8-91785
- Katsnel'son, M.I.** *see* Ishmukhametov, B.Kh. 8-56088
- Katsnel'son, S.S.**, Slavin, V.S. Nonequilibrium processes under conditions of T-layer formation 8-91079
- Katsnel'son, S.S.** *see* Gridnev, N.P. 8-75279
- Katsofous, E.**, Canter, J., Mann, W.A., Schneps, J., Tompkins, J., Wolksy, G., Gourevitch, S.A., Kirsch, L., Schmidt, P. Resonance production in $\text{K}^-\text{n} \rightarrow \Sigma^+ \pi^+ \pi^- (\pi^0)$ reactions at 2.87 GeV/c 8-82234
- Katsov, K.B.** *see* Rudenko, V.P. 8-95859
- Katsov, K.B.** *see* Vinokur, B.B. 8-56805
- Katsuhiko Ito** *see* Woonchun Hsu 8-94637
- Katsuki, M.**, Mizutani, Y. Flame stabilization behind a bluff-body flame holder 8-67284
- Katsuki, S.**, Palting, P., Huzinaga, S. A compact program of the SCF-X α scattered wave method 8-50453
- Katsumata, K.** *see* Kobayashi, M. 8-84396
- Katsura, M.** *see* Shohoji, N. 8-52780
- Katsura, M.** *see* Yoshizawa, H. 8-68928
- Katsura, S.** *see* Kudo, T. 8-95407
- Katsura, S.** *see* Matsubara, F. 8-64179
- Katsuragi, S.** *see* Asaoka, T. 8-78440
- Katsuta, T.** *see* Horiuchi, S. 8-89600
- Katsuyama, T.**, Ishida, K., Suganuma, T. Refractive index behavior of glass films prepared by a modified chemical vapor deposition method 8-60526
- Katsuyama, Y.**, Mochizuki, S., Yashiro, T., Ishida, Y. Hydraulic pressure dependence of optical loss in jacketed optical fibre 8-63175
- Kattan, N.Me.El.** *see* Janca, J. 8-63625
- Kattawar, G.W.** *see* Adams, C.N. 8-85872
- Kattawar, G.W.** *see* Plass, G.N. 8-61421
- Kattawar, G.W.** *see* Young, A.T. 8-81575
- Katterwe, H.** *see* Geiger, J. 8-83898
- Katto, Y.**, Ishii, K. Burnout in a high heat flux boiling system with a forced supply of liquid through a plane jet 8-90991

- Kattura, P.** *see* Ellinas, C.P. 8-71286
- Katty, A.** *see* Levy-Clement, C. 8-79991
- Katshonok, S.S.** *see* Gulakov, I.R. 8-70199
- Katuya, M., Koide, Y.** Color-octet weak current induced by quark mixing 8-58161
- Katyal, S.C., Bhatia, K.L., Padaki, V.C., Bhat, P.K., Gopal, E.S.R.** Elastic properties of PbS-As₂S₃ glasses 8-71780
- Katyshev, S.F.** *see* Desyatnik, V.N. 8-67764
- Katyshev, Yu.V., Makhaldiani, N.V., Makhankov, V.G.** On the stability of soliton solutions to the Schrodinger equation with nonlinear term of the form $\psi|\psi|^2$ 8-70013
- Katz, D.** *see* Feldman, A.S. 8-73164
- Katz, E.J.** *see* Hogg, N.G. 8-85572
- Katz, H.** *see* Murphy, W.F. 8-78712
- Katz, H.J.** Lifetime of metastable vacuum states 8-54542
- Katz, I.N.** *see* Rossow, M.P. 8-62063
- Katz, J.** On the number of unstable modes of an equilibrium 8-65606
- Katz, J., Horwitz, G., Dekel, A.** Steepest descent technique and stellar equilibrium statistical mechanics. IV. Gravitating systems with an energy cutoff 8-93326
- Katz, J., Lynden-Bell, D.** The gravothermal instability in two dimensions 8-89395
- Katz, J., Tatur, S.** Some radiative decays of vector mesons and baryons in the MIT bag model 8-66110
- Katz, J.** *see* Horwitz, G. 8-65659, 8-93327
- Katz, J.I.** *see* Weisskopf, M.C. 8-93466
- Katz, J.L., Spaepen, F.** A kinetic approach to nucleation in condensed systems 8-51647
- Katz, J.L.** *see* Frasca, P. 8-57150, 8-77080
- Katz, J.L.** *see* Holden, B.S. 8-67818
- Katz, L.** *see* Marcisak, R.J. 8-51498
- Katz, M.J.** *see* Kusy, R.P. 8-80633
- Katz, R.** Track structure theory in radiobiology and in radiation detection 8-50446
- Katz, R.** High LET constraints on low LET survival 8-92679
- Katz, R.W.** Assessing the impact of climatic change on food production 8-57303
- Katz, W., Evans, C.A., Jr., Eaton, D.R., Faulkner, L.R.** Method for the cross-sectional examination of molecular semiconductor/metal film junctions using transmission electron microscopy 8-95241
- Katzberg, S.J.** *see* Jobson, D.J. 8-85881
- Katzer, J.R.** *see* Windawi, H. 8-84069
- Katzin, G.H., Levine, J.** Symmetries of the energy-momentum tensor and concomitant conservation laws 8-57831
- Katzin, G.H., Levine, J.** Energy-momentum tensor symmetries and concomitant conservation laws. I. Einstein-massless-scalar (meson) field 8-86205
- Kaubler, L.** *see* Andrejtscheff, W. 8-86506
- Kaubler, L.** *see* Schilling, K.D. 8-62505
- Kaucic, V.** *see* Bukovec, P. 8-63729
- Kauer, E.** *see* Frank, G. 8-79197
- Kaufer, H.** *see* Sonstegard, D.A. 8-53572
- Kaufer, J.** *see* Ehrenfreund, E. 8-80233
- Kaufer, J.** *see* Weinberger, B.R. 8-88214
- Kauffman, G.B., Myers, R.D.** The recovery of iridium from laboratory residues 8-81957
- Kauffmann, S.K., Gulyassy, M.** Multiplicity distributions of created bosons: the method of combinatorics 8-81917
- Kauffmann, S.K.** *see* Doli, P. 8-70558
- Kaufman, A.N.** The Lie transform: a new approach to classical perturbation theory 8-93510
- Kaufman, A.N.** *see* Cohen, B.I. 8-51308
- Kaufman, A.N.** *see* Mynick, H.E. 8-59619
- Kaufman, F.** *see* Donnelly, V.M. 8-90202
- Kaufman, F.** *see* Levy, D.H. 8-74696
- Kaufman, H.H., Woo, J., Anderson, J.H., Cannon, D.C., Handel, S.F., Hevez, J.M.** Radioiodinated fibrinogen for clot detection in a canine model of cervical carotid thrombosis 8-85363
- Kaufman, H.R.** Technology of ion beam sources used in sputtering 8-72719
- Kaufman, H.R.** *see* Aston, G. 8-82074
- Kaufman, H.R.** *see* Harper, J.M.E. 8-95641
- Kaufman, J.J., Popkie, H.E., Preston, J.T.** Ab-initio and approximately rigorous calculations on small, medium, and large systems 8-62714
- Kaufman, J.J.** *see* Coles, W.A. 8-73601
- Kaufman, K.S.** *see* Papaefthymiou, G.C. 8-73202
- Kaufman, L.** Coupled phase diagrams and thermochemical data for transition metal binary systems. III 8-80511
- Kaufman, L., Nesor, H.** Coupled phase diagrams and thermochemical data for transition metal binary systems. I 8-60647
- Kaufman, L., Nesor, H.** Coupled phase diagrams and thermochemical data for transition metal binary systems. II 8-60648
- Kaufman, L., Nesor, H.** Calculation of quasibinary and quasiternary oxide systems 8-60660
- Kaufman, L., Shosa, D., Camp, D.** Polarized radiation for XRF of elements with $Z=47-57$ 8-85271
- Kaufman, L.** *see* Ansara, I. 8-60646
- Kaufman, L.** *see* Williamson, S.J. 8-96061
- Kaufman, S.L.** *see* Neugart, R. 8-89557
- Kaufmann, A.** *see* Boutron, P. 8-71853
- Kaufmann, E.N.** Oscillatory channelled-ion scattering yields in beryllium 8-52610
- Kaufmann, H.** *see* Cahill, T.A. 8-69350
- Kaufmann, P.** The fast explosive evaporation of mini black holes and flares at magnetospheres: an attractive speculative analogy 8-96388
- Kaufmann, P., Piazza, L.R.** On the relation of SPA measured at VLF to solar microwave burst energies 8-77418
- Kaufmann, U., Koschel, W.H.** ESR of the doubly ionized Cr acceptor and infrared luminescence of Cr in GaP:Cr 8-56374
- Kaul, A., Noffz, W.** Tissue dose in thorotrast patients 8-96093
- Kaul, A.** *see* van Kaick, G. 8-96072
- Kaul, B.V., Krekov, G.M., Krekova, M.M.** Use of double scattering in lidar applications 8-73512
- Kaul, C.L.** *see* Shah, G.N. 8-96367
- Kaul, C.N.** On the uniqueness of the displacement boundary-value problem for inextensible elastic materials 8-54195
- Kaul, I.K.** *see* Bhat, C.L. 8-73970
- Kaul, O.** *see* Althoff, K.H. 8-66125
- Kaul, R.** *see* Chiu, C. 8-74145
- Kaul, S.N., Singh, K.** An anomaly in the electrical resistivity of LiNbO₃ and its eutectic with 3(Li₂O).Nb₂O₅ 8-68030
- Kaulfisch, H.** *see* Hoene, E. 8-83507
- Kaulgud, M.V., Chitgopkar, V.J.** Polynomial matrix method for the calculation of charge densities and bond orders in linear conjugated π -electron systems 8-74808
- Kaulgud, M.V., Pandya, G.H., Rao, K.S.M.** Measurements of sound velocity in aqueous aliphatic alcohols using the phase comparison interferometer 8-67770
- Kaun, K.-H.** *see* Frank, W. 8-78801
- Kaun, L.P.** *see* Andreiff, A. 8-67996
- Kaune, W.T., Phillips, R.D., Hjerensen, D.L., Richardson, R.L., Beamer, J.L.** A method for the exposure of miniature swine to vertical 60 Hz electric fields 8-53587
- Kaunov, N.G.** *see* Martem'yanov, A.N. 8-76268
- Kaup, D.J., Newell, A.C.** An exact solution for a derivative nonlinear Schrodinger equation 8-49703
- Kaup, D.J., Newell, A.C.** Solitons as particles, oscillators, and in slowly changing media: a singular perturbation theory 8-73882
- Kaup, D.J., Newell, A.C.** The Goursat and Cauchy problems for the sine-Gordon equation 8-77682
- Kaupilla, W.E.** *see* Stein, T.S. 8-62916
- Kauppinen, J., Karkkainen, T., Kyro, E.** Correcting errors in the optical path difference in Fourier spectroscopy: a new accurate method [computational method] 8-70192
- Kauppinen, J., Karkkainen, T., Kyro, E.** High-resolution spectrum of water vapor between 30 and 720 cm⁻¹ 8-78694
- Kaur, G.** *see* Sood, M.L. 8-83986
- Kaur, M., Kohli, J.M., Kumar, V., Sharma, A.P.** Scaling in multiplicity distribution in high-energy p-emulsion and π -emulsion collisions 8-70568
- Kausch, H.H.** Fracture in high polymers: A molecular interpretation 8-60769
- Kausel, E., Whitman, R.V., Morray, J.P., Elsbree, F.** The spring method for embedded foundations 8-79216
- Kaushik, S.C.** *see* Shodha, M.S. 8-83575
- Kaushik, S.C.** *see* Sodha, M.S. 8-51304, 8-59602, 8-83573, 8-91112
- Kaushik, S.C.** *see* Tewari, D.P. 8-51305
- Kaushik, V.K., Venkateswarlu, P.** Centrifugal distortion analysis of difluoramine 8-58650
- Kaushik, V.K., Venkateswarlu, P.** Centrifugal distortion constants of the NGLT form of allylamine from microwave spectrum analysis 8-74644
- Kautto, A.M.T.** *see* Bars, B. 8-57309
- Kauzlarich, J.J.** *see* Jamison, W.E. 8-64711
- Kavan, L.** *see* Ebert, M. 8-76369
- Kavanagh, R.N., Darcey, T., Lehmann, D., Fender, D.H.** Evaluation of methods for three-dimensional localization of electrical sources in the human brain 8-92613
- Kaveh, M., Bruzzone, S., Torres, F.** A new method for the estimation of average evoked responses 8-65143
- Kaveh, M.** *see* Gutfreund, H. 8-84202
- Kavenoky, A.** *see* Benoist, P. 8-89930
- Kavich, I.V., Shevchuk, L.P.** X-ray diffraction and X-ray spectrum examinations of the Co-Si-Ge system alloys 8-56623
- Kaviladze, M.Sh., Melashvili, T.A., Kviriya, M.S.** Determination of isotopic composition of elements in microvolumes of a solid 8-58088
- Kavka, J.** Mathematical evaluation of the course of stress relaxation in glass 8-79661
- Kavkler, M.** *see* Alujevic, A. 8-50449
- Kavyuk, P.V.** *see* Gavaleshko, N.P. 8-76095
- Kaw, P.K.** *see* Chen, L. 8-91092
- Kaw, P.K.** *see* Drake, J.F. 8-94909
- Kaw, P.K.** *see* Guzdar, P.N. 8-75297
- Kaw, P.K.** *see* Liu Chen 8-83552
- Kawabata, A.** *see* Fujita, S. 8-64477, 8-80470
- Kawabata, A.** *see* Fukuda, S. 8-66956
- Kawabata, A.** *see* Ohnishi, S. 8-56588
- Kawabata, A.** *see* Shiosaki, T. 8-90500
- Kawabata, N., Yamagami, K., Noaki, M.** Visual fixation points and depth perception 8-69101
- Kawabata, S.** *see* Kamae, T. 8-82215
- Kawabe, K.** *see* Takagi, S. 8-76313
- Kawabe, M., Kanzaki, N., Masuda, K., Namba, S.** Effects of ion etching on the properties of GaAs 8-83122
- Kawabe, M., Kubota, M., Masuda, K., Namba, S.** Microfabrication in LiNbO₃ by ion-bombardment-enhanced etching 8-76779
- Kawabe, T.** *see* Hirayama, M. 8-70258
- Kawabe, T.** *see* Iguchi, H. 8-51320
- Kawabe, T.** *see* Yagi, M. 8-79443
- Kawabe, U.** *see* Tarutani, Y. 8-80478
- Kawabe, Y., Kiriya, S.** X-ray stress measurement of two phase stainless steel by monochromator method 8-64792
- Kawabe, Y., Nakazawa, K., Muneke, S.** Strengthening and toughening of 280 kg/mm² grade maraging steel through control of microstructure 8-80648
- Kawabe, Y.** *see* Nakazawa, K. 8-52971
- Kawachi, M., Kato, K., Kogure, O.** Light scattering characteristics in nematic-cholesteric mixtures with positive dielectric anisotropy 8-75537
- Kawachi, M.** *see* Kawana, A. 8-71215
- Kawachi, M.** *see* Sudo, S. 8-83125
- Kawachi, Y.** *see* Kataoka, K. 8-79350
- Kawada, K.** *see* Shimizu, H. 8-88859
- Kawada, S.** Dielectric anisotropy in ice Ih 8-64310
- Kawada, Y.** Production of radioisotopes with an electron linac 8-78534
- Kawada, Y.** *see* Nishimura, T. 8-51070
- Kawade, K.** *see* Ikeda, Y. 8-86476
- Kawaguchi, H.** GaAs rib-waveguide directional-coupler switch with Schottky barriers 8-63204
- Kawaguchi, K.** *see* Ieki, M. 8-78698
- Kawaguchi, K.** *see* Yamada, C. 8-94265
- Kawaguchi, M., Tanaka, H.** Disturbance caused by probes in the electric field measurement in a magnetized DC discharge plasma 8-87434
- Kawaguchi, N.** *see* Senoo, Y. 8-63474
- Kawaguchi, Y., Kitahara, H., Kawaji, S.** Negative magnetoresistance in a two-dimensional impurity band in cesiated p-Si(111) surface inversion layers 8-64135
- Kawaguchi, Y., Kitahara, H., Kawaji, S.** Angular dependent negative magnetoresistance in Si-MOS (111) inversion layers 8-80062
- Kawahara, M., Kurihara, M.** Fatigue crack growth from a surface flaw 8-68803
- Kawahara, M., Nakazawa, S., Ohmori, S., Hasegawa, K.** Tsunami wave propagation analysis by the finite element method 8-92848
- Kawahara, M., Ozima, Y., Morinaga, K., Yanagase, T.** The electrical conductivity of Na₂O-SiO₂-MgO and CaO-SiO₂-MgO melts 8-75857
- Kawahata, K.** *see* Toi, K. 8-71527
- Kawai, E.** *see* Ezawa, Y. 8-93888
- Kawai, H.** Laboratory automation 8-93664
- Kawai, H.** *see* Hashimoto, T. 8-71685
- Kawai, K., Maki, H., Akaboshi, M.** Effects of thermal neutrons on living cells. III. Estimation of absorbed dose in amoeba irradiated by thermal neutrons 8-53449
- Kawai, M., Kamimura, M., Mito, Y., Takesako, K.** A coupled channel variational method for multi-step direct nuclear reactions. I. Formalism and numerical test 8-66258
- Kawai, M., Kamimura, M., Mito, Y., Takesako, K.** A coupled channel variational method for multi-step direct nuclear reactions. II. Test on a (d,p) reaction 8-66259
- Kawai, M., Tahira, K., Kitagawa, K., Miyakawa, T.** An AC method of Seebeck coefficient measurement by the use of lasers 8-76096
- Kawai, M.** *see* Hashimoto, N. 8-66276
- Kawai, M.** *see* Shibata, T. 8-54969
- Kawai, N.** *see* Notsu, Y. 8-57972
- Kawai, N.J., Sugano, T.** Magnetic modulation of critical current in MB DC-SQUID 8-84371
- Kawai, R.** *see* Goto, K. 8-59355
- Kawai, S.** *see* Aono, M. 8-63909
- Kawai, S.** *see* Tanaka, T. 8-84134
- Kawai, T.** New discrete models and their application to seismic response analysis of structures 8-67081
- Kawai, T., Tanimura, K., Sakata, T.** Mechanism of photocurrent generation at zinc-tetraphenylporphyrin/metal electrodes 8-76868
- Kawai, T.** *see* Kashiwara, M. 8-74123
- Kawai, T.** *see* Nohmi, T. 8-79372
- Kawai, Y.** Propagation of test waves in the presence of ion acoustic turbulence in plasmas 8-91090
- Kawai, Y., Hollenstein, Ch., Guyot, M.** Ion acoustic turbulence in a large-volume plasma 8-67354

- Kawai, Y., Ogawa, T. Anelasticity in an Mn-ferrite single crystal 8-87740
- Kawai, Y. *see* Yajima, N. 8-94924
- Kawai, S. *see* Shimizu, R. 8-78043
- Kawaji, S. Quantum galvanomagnetic experiments in silicon inversion layers under strong magnetic fields 8-60214
- Kawaji, S., Wakabayashi, J., Namiki, M., Kusuda, K. Electron localization in silicon inversion layers under strong magnetic fields 8-60219
- Kawaji, S. *see* Hatanaka, K. 8-64124
- Kawaji, S. *see* Kawaguchi, Y. 8-64135, 8-80062
- Kawaji, S. *see* Onga, S. 8-88039
- Kawaji, S. *see* Wakabayashi, J. 8-64118
- Kawaji, S. *see* Yagi, A. 8-60220, 8-88033
- Kawakami, H. *see* de Lima, E. 8-55090
- Kawakami, K., Watanabe, A., Ikeda, K., Oshima, M. Capacitance plethysmography—Plethysmography by capacitance change detection 8-53465
- Kawakami, M. Measurements of temperature dependence of ^{55}Mn NMR frequency in transition-metal alloys with various compositions 8-64296
- Kawakami, M., Sato, M., Hiroyoshi, H. Magnetic moment of Mn in dilute ferromagnetic transition-metal alloys of FCC and HCP phases 8-64195
- Kawakami, S. Transmission characteristics of a two-mode optical waveguide 8-83085
- Kawakami, S. *see* Nagano, K. 8-74971
- Kawakami, T. *see* Kobayashi, T. 8-66830
- Kawakami, T. *see* Nagashima, A. 8-75417
- Kawakami, Y. *see* Overberger, C.G. 8-95923
- Kawakami, Y. *see* Sekoguchi, K. 8-87376, 8-87377
- Kawakubo, T. An ESR study of γ -irradiated pyrene single crystals 8-72410
- Kawakubo, T. EPR and optical absorption studies of γ -irradiated pyrene single crystals 8-72412
- Kawall, J.G., Keffer, J.F. Uniform distortion of a heated turbulent wake 8-94742
- Kawall, J.G. *see* Keffer, J.F. 8-59374, 8-91040
- Kawamata, K. *see* Ohnori, M. 8-76665
- Kawamoto, G. *see* Quinn, J.J. 8-64104
- Kawamoto, H. I-V characteristic of the resistive Josephson junction 8-91820
- Kawamoto, N., Sanda, A.I. Hadronic decay of τ 8-70352
- Kawamoto, S. *see* Okajima, S. 8-85393
- Kawamoto, T., Ishii, T. Experimental study on deformation characteristics of rock-like materials 8-56704
- Kawamoto, T. *see* Watari, T. 8-83604
- Kawamura, H. Analysis of transient turbulent heat transfer in an annulus. II. Heating element with heat capacity and thermal resistance 8-86569
- Kawamura, H., Murase, K., Sugai, S., Takaoka, S., Nichikawa, S., Nishi, S., Katayama, S. Effect of electron-phonon interaction on ferroelectric transition in IV-VI compounds 8-76416
- Kawamura, H. *see* Kimura, H. 8-79468
- Kawamura, H. *see* Seki, M. 8-75050
- Kawamura, H. *see* Tanaka, G. 8-80970
- Kawamura, J., Kusunose, H., Yamada, T. Particle-size distribution dependence of texture and structure for magnesia brick 8-84753
- Kawamura, K. Scattering of electrons due to screw dislocations 8-60101
- Kawamura, K., Saito, T., Tsuzuku, T. Galvanomagnetic properties of graphite intercalated with nitrate 8-76092
- Kawamura, K. *see* Uchiyama, Y. 8-54521
- Kawamura, M. Internal stresses and microcrack formation caused by drying in hardened cement pastes 8-92325
- Kawamura, M. *see* Furuyama, S. 8-84051
- Kawamura, M. *see* Yukutake, T. 8-96127
- Kawamura, R. *see* Matsuno, K. 8-59417
- Kawamura, S., Wakabayashi, S., Maeda, A., Yoshizawa, T. Isorhodopsin: conformation and orientation of its chromophore in frog disk membrane 8-64980
- Kawamura, T. Effects of an artificial inclusion on the structure of surrounding sea ice 8-88844
- Kawamura, T. On divergence and rotation of ice field off Okhotsk Sea coast of Hokkaido. II 8-96223
- Kawamura, T., Ichinokawa, T., Watanabe, Y., Wada, H. The variation of secondary electron emission under surface state resonance conditions in MEED 8-84688
- Kawamura, T., Yamanishi, M., Yuge, S., Kubo, U. Photo-response characteristics of electrophotographic plates in nanosecond periods 8-62251
- Kawamura, T. *see* Ishikawa, Y. 8-87597
- Kawamura, T. *see* Kagawa, Y. 8-88389
- Kawamura, T. *see* Otsuka, A. 8-52957
- Kawamura, T. *see* Yamanishi, M. 8-82977, 8-83007
- Kawamura, Y., Takeda, H., Fujita, H., Matoba, M., Nakai, S., Yamanaka, C. Improvement in energy extraction by a multi-line/double-band CO_2 laser 8-63129
- Kawana, A., Kawachi, M., Miyashita, T., Saruwatari, M., Asatani, K., Yamada, J., Oe, I. Pulse broadening in long-span single-mode fibers around a material-dispersion-free wavelength 8-71215
- Kawanishi, H., Suematsu, Y. Temperature characteristics of a GaAs-AlGaAs integrated twin-guide laser with distributed Bragg reflectors 8-87064
- Kawanishi, H., Suematsu, Y., Itaya, Y., Arai, S. $\text{Ga}_{1-x}\text{In}_x\text{As}_y\text{P}_{1-y}\text{-InP}$ injection laser partially loaded with distributed Bragg reflector 8-82986
- Kawanishi, K. *see* Inoue, F. 8-76278
- Kawanishi, K. *see* Katayama, T. 8-64235
- Kawanishi, S., Tasaki, A., Siratori, K. Magneto-elastic coupling in ZnCr_2Se_4 8-76288
- Kawano, K., Ino, H., Nishikawa, S. A study of liquid-quenched La-Fe alloys 8-76678
- Kawano, K. *see* Iri, T. 8-56371
- Kawano, K. *see* Sumita, M. 8-80209
- Kawano, S. *see* Achiwa, N. 8-71701
- Kawano, Y. *see* Iwasaki, F. 8-51523
- Kawano, Y. *see* Yamamoto, S. 8-52867
- Kawara, K. *see* Oishi, M. 8-81591
- Kawarada, H., Kamei, H., Nakanishi, T. A digital filter model of basilar membrane 8-77069
- Kawasaki, B.S., Hill, K.O., Johnson, D.C., Fujii, Y. Narrow-band Bragg reflectors in optical fibres 8-79130
- Kawasaki, B.S., Johnson, D.C., Fujii, Y., Hill, K.O. Bandwidth-limited operation of a mode-locked Brillouin parametric oscillator 8-50851
- Kawasaki, B.S. *see* Hill, K.O. 8-63171
- Kawasaki, H. *see* Hashimoto, T. 8-71685
- Kawasaki, K., Kim, S.K. Comments on 'A new method for chemical instability with diffusion' 8-73014
- Kawasaki, K., Ohta, T. Theory of early stage spinodal decomposition in fluids near the critical point. II 8-65893
- Kawasaki, K., Tahir-Kheli, R.A. Series expansion for high-temperature dynamics of randomly diluted Heisenberg paramagnets 8-56280
- Kawasaki, M., Bersohn, R. Photodissociation of molecular bromine beams of arsenic tri-iodide 8-56906
- Kawasaki, S. *see* Furuta, T. 8-89947
- Kawasaki, S. *see* Hiroe, S. 8-59656
- Kawasaki, T. Kinetic behavior of a double Ising system—application to phase separation in magnetic binary alloys 8-91835
- Kawasaki, T., Yokobori, T., Sawaki, Y., Nakanishi, S., Izumi, H. Fatigue fracture toughness and fatigue crack propagation in 5.5% Ni steel at low temperature 8-68823
- Kawasaki, Y. *see* Nojima, S. 8-84212
- Kawase, S., Doi, H., Kakurai, T. Mechanical scission of poly(α -methylstyrene) by ultrasonic irradiation 8-59190
- Kawase, Y., Okano, K. An ion source for nuclear fission products 8-70661
- Kawase, Y., Okano, K., Miyatake, Y. A Si(Li) electron spectrometer on-line with an automatic irradiation apparatus 8-90014
- Kawashi, M. *see* Horiguchi, M. 8-87130
- Kawashima, I. *see* Oshima, M. 8-87688
- Kawashima, K. *see* Ohashi, Y. 8-56700
- Kawashima, N., Sasaki, S., Kaneko, O., Yamori, A., Okamura, R., Okamura, S. Controlled experiment in the ionosphere with a rocket-borne plasma gun 8-57424
- Kawashima, N. *see* Sasaki, S. 8-93042
- Kawashima, N. *see* Yamori, A. 8-61566
- Kawashima, R., Tatsuzaki, I. Anisotropy of ultrasonic anomaly in the vicinity of the ferroelectric phase transition in RbHSO_4 8-72473
- Kawashima, S., Fujimoto, T. Strain-rate effects in annealed aluminium subjected to torsional impact loading 8-92303
- Kawashima, T. *see* Masuyama, T. 8-87363
- Kawashima, Y., Takenaka, H., Sunada, H., Otsuka, A. Simulation of agglomeration (Random walk model) 8-95707
- Kawashima, Y., Takeo, H., Matsumura, C. Microwave spectroscopic detection of BFHOH and $\text{BH}(\text{OH})_2$ 8-74643
- Kawashima, Y. *see* Higashi, S. 8-55081
- Kawashima, Y. *see* Nakagawa, M. 8-91015
- Kawashima, Y. *see* Sunada, H. 8-95706
- Kawashimo, K., Yamada, T. Temperature distribution within a rotating cylindrical body heated and cooled locally on its peripheral surface 8-67001
- Kawasuji, I. *see* Shinohara, T. 8-72441
- Kawasumi, Y. *see* Kadota, K. 8-63590
- Kawasumi, Y. *see* Toi, K. 8-71527
- Kawata, S., Maeda, K. X-ray K absorption discontinuities of Cr and Fe 8-60532
- Kawata, S. *see* Tokumitsu, J. 8-87019
- Kawata, T., Inoue, H. Inverse scattering method for the nonlinear evolution equations under nonvanishing conditions 8-57808
- Kawata, T., Inoue, H. Exact solutions of the derivative nonlinear Schrödinger equation under the nonvanishing conditions 8-62093
- Kawatsu, M., Saima, A. Effective heat transfer in baffled shell-and-tube heat exchanger with and without by-pass stream 8-83395
- Kawatsura, K. X-ray emission spectra induced by ion-atom collisions. I. Single and double K-shell ionization 8-50629
- Kawatsura, K. X-ray emission spectra induced by ion-atom collisions. II. Effects of chemical bonding and multiple ionization on X-ray spectra 8-50630
- Kawatsura, K. *see* Nasu, S. 8-50253
- Kawatsura, K. *see* Nosu, S. 8-51594
- Kawauchi, M. *see* Watanabe, I. 8-52319
- Kawawata, S. *see* Kuriyama, I. 8-59835
- Kawazoe, H., Hosono, H., Kanazawa, T. Electronic structure and properties of oxide glasses. I. π -Electron distribution on alkali borate glass networks 8-79924
- Kawazoe, H., Hosono, H., Kanazawa, T. Electronic structure and properties of oxide glasses. II. Basicity measured by copper (II) ion probe in $\text{Na}_2\text{O-P}_2\text{O}_5$, $\text{K}_2\text{O-B}_2\text{O}_3$ and $\text{K}_2\text{SO}_4\text{-ZnSO}_4$ glasses 8-80199
- Kawazoe, H., Hosono, H., Kanazawa, T. ESR detection of immiscibility in $\text{K}_2\text{O-CaO-B}_2\text{O}_3$ glasses 8-80200
- Kawazu, A. Growth kinetics of thin films by molecular beam deposition 8-91563
- Kawazu, J. *see* Fujita, K. 8-68937
- Kawecki, A. Radar applications in the Polish Meteorological Service 8-92992
- Kawski, A., Kojro, Z., Gryczynski, I., Baluk, P. Quasilinear absorption and phosphorescence spectra of pyrimidine in cyclohexane at 77K 8-61138
- Kawski, A., Kojro, Z., Gryczynski, I., Janic, I. Quasilinear absorption spectra of 5,6- and 7,8-benzoquinoline trapped in n-paraffins at 77K 8-90179
- Kawski, A. *see* Baluk, P. 8-66597
- Kawski, A. *see* Kaminski, J. 8-94279
- Kay, A., Mentzoni, M. Tonks-Dattner resonances and their application in plasma diagnostics 8-83618
- Kay, B.S. Linear spin-zero quantum fields in external gravitational and scalar fields. I. A one particle structure for the stationary case 8-89389
- Kay, D.B., Cambier, J.L., Wheelless, L.L. Imaging system for correlating fluorescence cell measurements in flow 8-61240
- Kay, E., Heim, G. Model of bias sputtering applied to the control of Nb film properties 8-72720
- Kay, E. *see* Wandell, J.L. 8-53343
- Kay, J.H. *see* Deser, S. 8-65854
- Kay, K.G. Dynamical treatment of unimolecular decomposition reactions. II. Short-range interfragment coupling and incomplete randomization 8-80735
- Kay, L. *see* Mason, J.L. 8-61230
- Kay, R.E. Lattice measurements with 36-element natural UO_2 fuel in the ZED-2 hot loop facilities. Detailed lattice cell parameters 8-58347
- Kay, R.W., Hubbard, N.J. Trace elements in ocean ridge basalts 8-65219
- Kay, R.W., Sun, S.-S., Lee-Hu, C.-N. Pb and Sr isotopes in volcanic rocks from the Aleutian Islands and Pribilof Islands, Alaska 8-57185
- Kaya, K. *see* Mochizuki, Y. 8-82771
- Kayaba, T., Kato, K. Frictional properties of surface films in air and in high vacuum 8-60850
- Kayahara, Y., Ono, K., Oishi, T., Moriyama, J. Thermodynamic study of the liquid Cu-O system 8-64529
- Kayama, I. *see* Fujita, K. 8-68937
- Kayan, I., Klemas, V. Application of LANDSAT imagery to studies of structural geology and geomorphology of the Mentese region of southwestern Turkey 8-77236
- Kayano, H., Yajima, S. Mechanical properties of neutron-irradiated niobium 8-91361
- Kayano, H. *see* Morikawa, K. 8-79110
- Kayano, I. Damage and seismic intensity distribution of Kawazu earthquake, Izu Peninsula, central Honshu, Japan, of August 18, 1976 8-96143
- Kayanuma, Y., Kondo, Y. Vibronic theory for bound polaron with application to excited states of F-center in alkali halides 8-84150
- Kayashima, M. The principle of the thermal-diffusion couple and its application to gas compression and decompression with highly porous materials 8-94882
- Kayashima, M., Sano, N., Matsushita, Y. Electron paramagnetic resonance in $\text{R}_2\text{O-Al}_2\text{O}_3\text{-SiO}_2$ glass systems 8-91930
- Kaye, G.T. Backscattering from discrete targets at 87.5 kHz 8-87181
- Kaye, M. *see* Carmeli, M. 8-74135, 8-78059

- Kaye, M.D., Showlater, J.P., Rock, K.C., Johnson, E. A circumferentially-sensitive miniature pressure sensor for study of human esophageal motility 8-77131
- Kaye, M.G. *see* Friedman, R.B. 8-56994
- Kaye, R.J. *see* Verdeyen, J.T. 8-50326
- Kaye, S.M., Lin, C.S., Parks, G.K., Winckler, J.R. Adiabatic modulation of equatorial pitch angle anisotropy 8-89003
- Kays, W.M. *see* Moffatt, R.J. 8-71334
- Kayser, D.C., Potter, W.E. A technique for mass spectrometer measurements of atomic and molecular oxygen in the lower thermosphere 8-57348
- Kayser, F.X., Rashid, M.S. Apparatus for extruding wires of soft metals under vacuum or inert atmospheres 8-68871
- Kayser, R., Jr., Bennett, H.S. Evaporation of a liquid droplet 8-94586
- Kayser, R., Jr. *see* Bennett, H.S. 8-63507
- Kayser, R.F., Jr., Raveche, H.J. Bifurcation in Onsager's model of the isotropic-nematic transition 8-79750
- Kayser, R.F., Jr. *see* Raveche, H.J. 8-67804
- Kayser, S.E., Maier, E.J., Brace, L.H. Quiet-time plasma irregularities at 1400 km in the cleft region 8-88995
- Kaza, B.R. *see* Bhushan, S. 8-80421
- Kaza, B.Rao *see* Rao Kaza, B.
- Kazak, V.F. *see* Golovastikov, N.I. 8-67694
- Kazakevich, O.V., Timofeeva, V.A. Conditions for crystallization of orthoferrites on seeds 8-72041
- Kazakevich, V.S. *see* Basov, N.G. 8-58978
- Kazakov, A. *see* Karaev, K.Sh. 8-63750
- Kazakov, A.A. Magnetization of a uniaxial ferromagnet with single-ion and exchange anisotropies in a transverse magnetic field 8-56277
- Kazakov, A.A. Green's function for uniaxial ferromagnet with arbitrary spin and single-ion anisotropy of second order 8-84379
- Kazakov, A.A., Litvichenko, N.A. Magnetisation intensity and critical fields of uniaxial two-sublattice ferrimagnets in applied fields 8-68285
- Kazakov, A.A. *see* Kudrevatykh, N.V. 8-76238
- Kazakov, D., Pushkin, S. Two-loop divergences of field theories with nonlinear symmetry 8-54529
- Kazakov, D.L., Pervushin, V.N., Pushkin, S.V. Invariant renormalization for theories with nonlinear symmetry 8-70290
- Kazakov, E.N., Shlepkov, S.V. Fresnel lens manufacture automation 8-50884
- Kazakov, V.A., Afrikanov, S.A. On the simulation of random non-Gaussian backgrounds 8-79089
- Kazakov, V.F. *see* Bogolyubov, V.S. 8-77863
- Kazakov, V.G. *see* Krasnikova, G.N. 8-67797
- Kazakov, V.N. *see* Alekseev, V.V. 8-61587
- Kazakov, V.P. *see* Rafikov, S.R. 8-73068
- Kazakov, Yu.N. *see* Artemyev, A.N. 8-66447
- Kazakova, T.A. *see* Trusov, L.I. 8-72038
- Kazama, N., Hieman, N., White, R.L. Magnetic properties of amorphous FeC thin films 8-68311
- Kazama, N. *see* Heiman, N. 8-56300, 8-68309
- Kazama, Y., York-Peng Yao Unified approach to jet processes in quantum chromodynamics 8-82104
- Kazanas, D. On neutrino viscosity in collapsing stellar cores 8-61875
- Kazanas, D., Schramm, D.N., Hainebach, K. A consistent age for the Universe 8-81723
- Kazandzhan, B.I., Selin, Yu.I. Hall effect in melts of the Ti-Fe system 8-56164
- Kazanets, G.I. *see* Baksh, F.G. 8-67418, 8-67419, 8-79473
- Kazanets, V.F. *see* Badalyan, V.G. 8-76685
- Kazankin, O.N. *see* Zimoglyad, I.S. 8-76537
- Kazanskaya, A.N. *see* Boos, E.G. 8-62530
- Kazanskaya, L.L. *see* Pilat, I.M. 8-77904
- Kazanskaya, O.A. *see* Dudkin, L.D. 8-52019
- Kazanskii, A.K. Skeleton equations with subtractions and the R operation 8-54570
- Kazanskii, M.F., Kravchuk, E.M., Strashkevich, E.A. X-ray study of drying in a capillary porous body 8-67023
- Kazanskii, S.A. Antiresonance-type phenomenon for CaF₂-Dy crystals with color centres in external fields 8-68529
- Kazanskii, S.A. *see* Svirin, M.I. 8-86537
- Kazantsev, A.M. *see* Pronman, I.M. 8-88671
- Kazantsev, A.P. *see* Delone, G.A. 8-66526
- Kazantsev, A.P. *see* Zhukova, N.I. 8-62874
- Kazantsev, E.F. Vibratory mechanism of the conjugation of chromosomes 8-95991
- Kazantsev, F.S. *see* Ziman, V.M. 8-59164
- Kazantsev, S.A., Rys, A.G. Alignment of highly excited argon atoms in a gas discharge 8-70796
- Kazantsev, V.A. *see* Men'shikov, A.Z. 8-88124
- Kazantsev, V.P. Influence of macroscopic inclusions on the electrical constants of solid bodies 8-68002
- Kazantseva, V.V. *see* Tikhonova, N.I. 8-88513
- Kazantzakis, J.G. *see* Theocaris, P.S. 8-79265
- Kazantzis, P.G. *see* Markellos, V.V. 8-69663
- Kazarjans, M., Apostolakis, G. On the fire hazard in nuclear power plants 8-50269
- Kazarinov, M.I. *see* Barts, B.I. 8-54716
- Kazarinov, N.Yu. *see* Aleksandrov, V.S. 8-66436
- Kazaryan, M.A. *see* Egiazaryan, A.A. 8-93387
- Kazaryan, R.A., Oganessian, S.V. The comparison of logical structure efficiencies of two optical signal receivers 8-71041
- Kazaryan, R.A. *see* Gasparyan, S.S. 8-73511
- Kazawa, Y. *see* Takahashi, R. 8-66374
- Kazdaev, Kh.R. *see* Akimchenko, I.P. 8-56492
- Kazem Shams, M., Shyh Wang GaAs-(GaAl)As LOC-DBR laser with high differential quantum efficiency 8-79031
- Kazenin, D.A. *see* Buevich, Yu.A. 8-94536
- Kazes, I. *see* Crovisier, J. 8-57638
- Kazes, I. *see* Lucas, R. 8-61906
- Kaziis, R.-I.Yu., Milyus, P.-B.P. Wide-range piezoelectric instrument transducers with a tunable working frequency 8-51035
- Kazimi, M.S. *see* Sawdye, R. 8-58447
- Kazimirov, V.P., Batalin, G.I., Kaganov, V.Ya., Shovskii, V.A. Calculation of the electrical resistance of liquid metals 8-56124
- Kazimirovskiy, E.S. *see* Vergasova, G.V. 8-73558
- Kazimirovsky, E.S. *see* Vergasova, G.V. 8-61664
- Kazinskii, V.A. Group principle of using signs of variations of the geopotential second derivatives stationary-measured by a gravitation variometer 8-69278
- Kazmerski, L.L., Cooper, R.B., White, F.R., Morton, D.W., Sprague, D.L. Evaluation of I-III-VI₂ thin films and photovoltaic devices by Auger electron spectroscopy 8-67928
- Kazmerski, L.L., Sprague, D.L., Cooper, R.B. Auger electron spectroscopy studies of I-III-VI₂ chalcopyrite compounds 8-72648
- Kazmerski, L.L. *see* Sun, L.Y. 8-72621
- Kazmierczak, H. Processing of image data for remote sensing application 8-61627
- Kaz'min, G.S., Koval', N.N., Kreindel', Yu.E., Tolkahev, V.S., Shchanin, P.M. Diode electron accelerator with large-beam cross section 8-78517
- Kazsoki, J. *see* Deak, P. 8-72110
- Kazumata, Y. *see* Ueda, Y. 8-76309
- Kazusaka, A., Yong, L.K., Howe, R.F. The superoxide ion on supported tungsten: evidence for surface mobility 8-84046
- Kazyaka, T.G. *see* Fossheim, K. 8-52443
- Ke Jen Wang *see* Wang Ke Jen
- Ke-An Feng *see* Feng Ke-An
- K'e-ch'ang Chia *see* Chia K'e-ch'ang
- Ke-hsin Kuo *see* Kuo Ke-hsin
- Ke-Jen Wang *see* Wang Ke-Jen
- Ke-Liang Chen *see* Chen Ke-Liang
- Ke-Lin Wang *see* Wang Ke-Lin
- Ke-Xin Guo *see* Guo Ke-Xin
- Kean, D.C. *see* Spear, R.H. 8-70559
- Keane, A.T. *see* Rowland, R.E. 8-96075
- Keane, B. EEG phasic event detection by microcomputer 8-57091
- Keane, B., Dismukes, J., Singh, G., Bischof, G. Arrhythmia detection using a low-power, CMOS processor 8-73276
- Keane, B., Singh, G., Taylor, R., Nelson, A. A microcomputer system for on-line analysis of electroencephalographic data 8-73277
- Kear, B.H. *see* Goldwasser, D.J. 8-72823
- Kearly, F. *see* Frieda, D. 8-53462
- Kearney, D.W., Culver, D.W., Dalessandro, J.A., Rosenwasser, S.N., Vrabie, D.L., Wong, C. Mechanical and thermal design of a gas-cooled fusion blanket module 8-66387
- Kearney, M.W., Gegeles, L.S., Cohen, J.M. Schwarzschild electrodynamics: black holes, neutron stars 8-77480
- Kearns, F. *see* Simister, D.N. 8-70424
- Keatin, G.M. Relation between monthly variations of global ozone and solar activity 8-85664
- Keating, B.S. *see* Roberts, G.G. 8-95590
- Keating, P., Blumstein, S.E. Effects of transition length on the perception of stop consonants 8-92636
- Keating, P., Buhr, R. Fundamental frequency in the speech of infants and children 8-57023
- Keceli, A. Vertical frequency effect sounding in induced polarization and galvanic resistivity methods 8-69284
- Kechechyan, K.O., Kirakossyan, A.A. Impurity centres in semiconductors containing screw dislocations 8-72111
- Kechechyan, K.O. *see* Kirakossyan, A.A. 8-75670
- Keck, D.B., Boullie, R. Measurements on high-bandwidth optical waveguides 8-50924
- Keck, D.B. *see* Love, R.E. 8-59156, 8-79121
- Keck, G. *see* Holler, W. 8-80992
- Keck, G. *see* Windischbauer, G. 8-89430
- Keck, H., Schneider, W. Thermoconvective waves and their interaction with radiation-induced waves 8-94803
- Keck, J.C. *see* Ferguson, C.R. 8-65936
- Keck, L.J. *see* Bartel, L.C. 8-69543
- Kecki, Z. Hydrogen bonding between the anions and water 8-62811
- Keckemeti, J., Zeitnitz, B. On the possibility of collinearity effect in the reaction ²H(n,np) at $\theta_n=0^\circ$ 8-82356
- Keda, N.T. *see* Konyukh, L.A. 8-91031
- Keddrinskii, V.K. One-dimensional pulsation of a toroidal gaseous cavity in a compressible liquid 8-83423
- Kedrov, M.S. *see* Tovazhyanskiy, L.L. 8-75040
- Kedzia, J. Static polarization as indicator of polyester foil heat ageing 8-60688
- Kedzia, J., Vandamme, L.K.J. 1/f noise in liquid and solidum gallium 8-64073
- Kedzior, K. *see* Morecki, A. (editor) 8-53574
- Kedziur, F., Moussiopoulos, N., Schumann, U., Stolling, K. PWR-depressurization and its hydraulic analogy 8-50243
- Kee, R.J., Miller, J.A. A split-operator, finite-difference solution for axisymmetric laminar-jet diffusion flames 8-51252
- Kee, R.W., Geib, K.M., Wilmsen, C.W., Ferry, D.K. Interface characteristics of thermal SiO₂ on SiC 8-95375
- Kee, R.W. *see* Wilmsen, C.W. 8-79622, 8-95980
- Keefe, D. *see* Faltens, A. 8-82542
- Keegan, A. *see* Dobrin, R. 8-69205
- Keegan, W.B. Considerations in STS payload environmental verification 8-85812
- Keegstra, P.N.R., Head, J.L., Turner, C.E. A transient finite element analysis of unstable crack propagation in some 2-dimensional geometries 8-67151
- Keel, W. *see* Hamilton, D. 8-81691
- Keeler, G.J. *see* Birss, R.R. 8-93742
- Keeler, R. *see* Amsler, C. 8-70397
- Keeler, R.N. *see* Hawke, P.S. 8-95315
- Keeler, R.N. *see* Hawke, R.S. 8-71789
- Keem, J.E., Honig, J.M., Van Zandt, L.L. Localized charge carrier transport in pure single crystals of NiO 8-72152
- Keem, J.E., Wittenauer, M.A. Transient photoconductivity in NiO 8-60163
- Keen, C.E. *see* Stewart, I.C.F. 8-85515
- Keen, J. *see* Thronson, H.A., Jr. 8-69853
- Keene, D.W. *see* Shalz, L.L. 8-66389
- Keene, J., Hildebrand, R.H., Whitcomb, S.E., Winston, R. Compact infrared heat trap field optics 8-55422
- Keene, J. *see* Vandervoort, P.O. 8-96527
- Keene, M. *see* Mardix, S. 8-49945
- Keene, W. *see* Battist, L. 8-94152
- Keep, C.W., Waite, R.J., Terry, S. Temperature measurement in controlled-atmosphere electron microscopy 8-93690
- Keepin, G.R. Safeguards implementation in the nuclear fuel cycle 8-86660
- Keer, L.M., Chen, S.H., Comninou, M. The interface penny-shaped crack reconsidered 8-90784
- Keer, L.M., Parihar, K.S. Elastic stress singularity at conical inclusions 8-51071
- Keer, L.M., Parihar, K.S. A note on the singularity at the corner of a wedge-shaped punch or crack 8-83252
- Keer, L.M. *see* Nemat-Nasser, S. 8-63374
- Keesom, P.H. *see* Dad Khattak, G. 8-72358
- Keesom, P.H. *see* Khattak, G.D. 8-55957
- Keffner, F. *see* Banavar, J.R. 8-68390
- Keffner, J. *see* Beguier, C. 8-87347
- Keffner, J.F., Budny, R.S., Kawall, J.G. Digital technique for the simultaneous measurement of velocity and temperature 8-91040
- Keffner, J.F., Kawall, J.G., Hunt, J.C.R., Maxey, M.R. The uniform distortion of thermal and velocity mixing layers 8-59374
- Keffner, J.F. *see* Beguier, C. 8-94666
- Keffner, J.F. *see* Kawall, J.G. 8-94742
- Keffkens, B.M.K. Proton-proton bremsstrahlung at 730 MeV and the Low theorem 8-62448
- Gegeles, L.S. *see* Arenstorff, R.F. 8-53978
- Gegeles, L.S. *see* Kearney, M.W. 8-77480
- Kehe, B. *see* Deportes, J. 8-84393
- Kehlen, H. Calculation of partial molar magnitudes from molar magnitudes 8-85191
- Kehlibarov, T.I., Mihailov, M.G., Ilieva, M.S. Determination of thickness of carbon layers with objective colorimetry 8-77844
- Kehr, K.W., Haus, J.W. On the equivalence between multistate-trapping and continuous-time random walk models 8-93624
- Kehr, K.W. *see* Borghini, M. 8-68439
- Kehr, K.W. *see* Haus, J.W. 8-79794
- Keijser, R.A.J. *see* Vriens, L. 8-75445
- Keijser, T.H.de *see* de Keijser, T.H.
- Keijzers, A.E.M. *see* Duizer, J.A. 8-95145
- Keil, E. Single-particle dynamics—linear theory of perfect machines 8-78879
- Keil, E. Single-particle dynamics—linear machine lattices 8-78880
- Keil, E. Single-particle dynamics—linear machine imperfections 8-78882
- Keil, E. Beam-beam interactions in p-p storage rings 8-78900
- Keil, E. *see* Blechschmidt, D. 8-58510
- Keil, K. Climate forecasting 8-65380

- Keil, K., Clark, B.C., Baird, A.K., Toulmin, P., III, Rose, H.J., Jr. Chemistry of the Martian surface. Mineralogical and petrological implications 8-85884
- Keil, K. see Gomes, C.B. 8-65554, 8-81594, 8-93171
- Keil, K. see Gooding, J.L. 8-89097
- Keil, R., Toschek, P.E. Laser-induced line shifts and double-quantum Lamb dips 8-86825
- Keilbach, H. see Clevert, H.-D. 8-88763
- Keilhacker, M. see Broser, E. 8-50352
- Keilhacker, M. see Haas, G. 8-94133
- Keilin, V.E. see Deev, V.I. 8-94694
- Keinonen, J. An experimental device for measuring friction between ski and snow 8-92410
- Keinonen, J. see Bister, M. 8-93967
- Keinonen, J. see Hautala, M. 8-55069
- Keinonen, J. see Hellmeister, H.P. 8-74387
- Keinonen, J. see Hentela, R. 8-62504
- Keinonen, T. see Salminen, O. 8-58950
- Keintzel, G., Rothfuss, H. Design of the core catcher system for the fast breeder reactor SNR 300 8-89937
- Keiper, D. see Berry, D. 8-69952
- Keister, B.D. see Johnson, M.B. 8-89800
- Keiter, H. Comment on many-body aspects of external photoemission 8-72703
- Keith, A.D., Snipes, W. Dynamic aspects of biological membranes 8-69005
- Keith, G.A. Steam dump valve stability 8-50289
- Keith, G.H. see Wouch, G. 8-72753
- Keizer, E. see Lovchikova, G.N. 8-89841
- KeKelis, G.J., Zisman, M.S., Scott, D.K., Jahn, R., Vieira, D.J., Cerny, J., Ajzenberg-Selove, F. Masses of the unbound nuclei ^{16}Ne , ^{13}F , and ^{12}O 8-78245
- Kekez, M.M., Savic, P. The glow (spark) discharge electrolysis-combustion concept of ball lightning 8-69436
- Kekez, M.M., Savic, P. Contributions to the physics of the spark channel 8-87586
- Kekulawala, K.R.S.S., Paterson, M.S., Boland, J.N. Hydrolytic weakening in quartz 8-61410
- Kekutua, Sh.E., Karachava, T.A., Sanikidze, D.G. Wave processes in parallel channels with different degrees of damping of the normal component of superfluid helium 8-91496
- Kelarev, V.V. see Vokhmyanin, A.P. 8-88117
- Kelber, J. see Massenot, O. 8-52233
- Kelch, W.L. Stellar model chromospheres. VIII. 70 Ophiuchi A (KO V) and ϵ Eridani (K2 V) 8-65610
- Kelch, W.L., Linsky, J.L. Physical properties of solar chromospheric plages. III. Models based on Ca II and Mg II observations 8-89153
- Kelchtermans, H. see Roos, J.R. 8-84743
- Kele, A., Menyhard, M., Uray, L., Gaal, I. State of bonding and distribution of the impurities in K-Al-Si doped tungsten 8-92212
- Keleman, V.I. see Lomsadze, Yu.M. 8-78211
- Kelemen, S.R. see Fischer, T.E. 8-63933, 8-75930
- Kelemen, V.I., Lomsadze, Yu.M. New axiomatic local constraints for hadron formfactors 8-58190
- Kelen, G.P. Van der see Van der Kelen, G.P.
- Kelen, G.P. Van Der see Van Der Kelen, G.P.
- Kelfve, P. see Asplund, L. 8-50524, 8-50654
- Kelha, V. see Stephenson, J.D. 8-67620
- Kelin, U.F., Wortmann, G., Kalvius, G.M. Effect of pressure on Mossbauer isomer shift and magnetic hyperfine field in europium metal 8-52386
- Kell, G.S., McLaurin, G.E., Whalley, E. Second virial coefficient for helium from 0 to 500°C by the two-temperature gas-expansion method 8-55711
- Kelleher, D.E. see Ehrich, H. 8-62765
- Kellenberger, W. Quasistationary vibrations of a rotating shaft which rubs against an interference element-spiral vibration 8-87252
- Kellendonk, F. see Harwig, T. 8-52557, 8-80396
- Keller, A. Polymer crystallization: a survey and salient current issues 8-51430
- Keller, A. A current account of chain extension, fibrous crystallization, and fiber formation [of polymers] 8-75573
- Keller, A. see Bosetti, P.C. 8-70357
- Keller, A. see Odell, J.A. 8-75578
- Keller, A. see Pope, D.P. 8-52859
- Keller, C.F., Jr. see Matuska, W., Jr. 8-81556
- Keller, E.L. Gain of the vestibulo-ocular reflex in monkey at high rotational frequencies 8-56973
- Keller, F.B. see Misra, K.C. 8-65288
- Keller, F.W. see Ideker, R.E. 8-92615
- Keller, G. see Benndorf, C. 8-64782
- Keller, G.E. see Olson, J.R. 8-69497
- Keller, H.B. Numerical methods in boundary-layer theory 8-59369
- Keller, H.J. see Endres, H. 8-55860, 8-63741
- Keller, H.J. see Nothe, D. 8-80192
- Keller, J., Garritz, A. Cluster method for ferromagnetic iron 8-95405
- Keller, J. see Becker, K.W. 8-67988
- Keller, J., Papadakis, J. (editor) Wave propagation and underwater acoustics 8-90577
- Keller, J.-C. see Delsart, C. 8-79065, 8-82711
- Keller, J.J. Resonant oscillations in open tubes with a mean flow 8-59440
- Keller, J.J. A note on nonlinear acoustic resonances in rectangular cavities 8-71240
- Keller, L.P. see Aschman, D.G. 8-78201
- Keller, N.A. Validation of the KENO and SU-HAMMER codes for critical solution systems of U-233 and U-235 8-89949
- Keller, O. Sound-induced anomalous transmission of light through semiconducting crystals below the plasma edge 8-68475
- Keller, O. Kinematical and dynamical inelastic light scattering in conducting crystals 8-80368
- Keller, O.L., Jr., Seaborg, G.T. Chemistry of the transactinide elements 8-85121
- Keller, P. Synthesis of new ferroelectric liquid crystals 8-94969
- Keller, P. see Doucet, J. 8-51407
- Keller, R., Muller, M. Duoplasmatron sputter source for multiply charged ions of solids 8-66446
- Keller, R., Pochelon, A. Alfven wave heating of a theta pinch 8-75379
- Keller, R. see Denner, W. 8-75501
- Keller, R.A. see Smyth, K.C. 8-63606
- Keller, V.D. see Khlestkin, D.A. 8-66357
- Keller, W.C. see Plant, W.J. 8-57212
- Kellerer, A.M. Frequency of α -particles from $^{239}\text{PuO}_2$ in lung cells 8-69151
- Kellerman, K.I. see Pauling-Toth, I.I.K. 8-69893
- Kellerman, K.I. see Pauliny-Toth, I.I.K. 8-69902
- Kellermann, K.I. Structure and time variations of compact radio sources in galaxies and quasars 8-57669
- Kellermann, K.I. see Shaffer, D.B. 8-86029
- Kellermann, K.I. see Witzel, A. 8-69894
- Kellermann, O. Materials questions and current problems of reactor safety 8-58352
- Kellermann, W. see Reichenberger, H. 8-85408
- Kellert, F.G. see Hildebrandt, G.F. 8-50620
- Kellert, F.G. see Smith, K.A. 8-58795
- Kelley, C.S. Moments of absorption- and emission-band shapes of impurities in solids 8-72566
- Kelley, D.H. Charles Hugh Smiley, 1903-1977 8-62024
- Kelley, J.D., Bearman, G.H., Harris, H.H., Leventhal, J.J. Energy transfer in atom-diatom collisions: vibronic excitation 8-66578
- Kellie, J.D., Crawford, G.I., Hall, S.J. An analysis of the total neutron cross section of ^{89}Y between 0.3 and 9.0 MeV 8-70519
- Kellman, M.E. see Rehms, P. 8-70760
- Kellman, S.A. see Taylor, B.J. 8-86005
- Kellner, C.R. see Straume, T. 8-96104
- Kellner, V. see Schindler, J.G. 8-73269
- Kello, V., Urban, M., Hubac, I., Carsky, P. Ab initio studies of chemical equilibria. Application of many-body Rayleigh-Schrodinger perturbation theory up to third order to the proton affinity of water 8-92497
- Kellogg, E. see Bardas, D. 8-93110
- Kellogg, K.S., Reynolds, R.L. Paleomagnetic results from the Lassiter Coast, Antarctica, and a test for oroclinal bending of the Antarctic Peninsula 8-73311
- Kellogg, R.G. see Morse, W.M. 8-89858
- Kelly, A.J. Electrostatic-spray theory 8-67274
- Kelly, D.H. Photopic contrast sensitivity without foveal vision 8-73161
- Kelly, D.L., Zimmer, R.P., Wilkins, R.D. Cost benefit assessment of NASA remote sensing technology transferred to the State of Georgia 8-73519
- Kelly, E.M. see Pyper, J.W. 8-58090
- Kelly, H. see Gratton, R. 8-51321
- Kelly, H.P. see Brown, E.R. 8-62771
- Kelly, H.P. see Carter, S.L. 8-78674
- Kelly, J., Hibbert, D.B., Tseung, A.C.C. A critical examination of a cryochemical method for the preparation of high surface area semiconducting powders. I. Rate of freeze-drying 8-52706
- Kelly, J.C., Cook, P.N., Cox, H., Dwyer, S.J., III, Connors, R.W., Harlow, C.A. CT and radiation therapy planning 8-77113
- Kelly, J.C. see Price, P.B. 8-79656
- Kelly, J.F. see Schwere, F.C. 8-52304
- Kelly, J.J., Koel, G.J. Electrochemical aspects of the beveling of sputtered Permalloy films 8-92375
- Kelly, J.L. see Howland, H.R. 8-70640
- Kelly, J.M., Todreas, N.E. Turbulent interchange in triangular array bare rod bundles 8-94081
- Kelly, J.R. see Moyer, C.A. 8-68142
- Kelly, J.S. see Dodd, J. 8-64973
- Kelly, K.R. see Alford, R.M. 8-73326
- Kelly, L. see Salkoff, L. 8-59663
- Kelly, M.J. The phonon-mediated intervalley electron-electron interaction in silicon 8-95125
- Kelly, M.J., Falicov, L.M. The dependence of the electronic ground-state of n-type silicon inversion layers on stress, temperature, magnetic field and gate voltage 8-60226
- Kelly, M.J. see Thomas, L.J., III 8-62228
- Kelly, P.M. see Nichols, H. 8-57262
- Kelly, P.W. see Harrison, D.E., Jr. 8-88396
- Kelly, R. see Dzioba, S. 8-95631
- Kelly, R.E., Pal, D. Thermal convection with spatially periodic boundary conditions: resonant wavelength excitation 8-59392
- Kelly, R.E. see Pal, D. 8-94699
- Kelly, R.L. see Bricman, C. 8-66179
- Kelly, T.J. see Cicerone, R.J. 8-85631
- Kelly, W.C. see Brown, P.E. 8-65261
- Kelly, W.H. see Firestone, R.B. 8-50130
- Kelly, W.M., Wrixon, G.T. Schottky barrier diodes for low noise mixing in the far infrared 8-68083
- Kelm, R.W., Jr. see Chu, T.L. 8-64475
- Kel'man, V.M. see Glikman, L.G. 8-50689
- Kelsey, C. see Rosen, I. 8-53506
- Kelsey, C.A. see Deluca, P.M. 8-92698
- Kelsey, E. see Sung Dahm Oh 8-58840
- Kelsey, E.J., Spruch, L. Retardation effects on high Rydberg states: a retarded R^{-5} polarization potential 8-82629
- Kelsey, J.E. see Baker, C. 8-86918
- Kelso, I. see Arora, S.S. 8-85424
- Kelvin, D. see Singhal, R.P. 8-62523
- Kelvin, D. see Whitehead, R.R. 8-62492
- Kelvin Tyler, J. see Dickinson, R. 8-94238
- Kem, A.Yu. see Fishtne, B.M. 8-68650
- Kemblowski, Z., Dziubinski, M. Resistance to flow of molten polymers through granular beds 8-87322
- Kemeny, T. Pressure cells with strain gauge transducers 8-54335
- Kemeny, T., Fogarassy, B., Toth-Kadar, E. Crystallization kinetics of metallic glasses 8-91257
- Kemeny, T., Poko, Z., Mihaly, G., Holczer, K. Role of solvent in phase transition of NMeQn(TCNQ) , 8-60119
- Kemeny, T. see Volland, U. 8-83948
- Kemmochi, M. A study of the REM ratemeter for direct reading of the dose equivalent rate 8-53502
- Kemmochi, M. A REM ratemeter for mixed radiation using two spherical ionization chambers 8-96100
- Kemnitz, H.D. see Buchner, A.R. 8-52932
- Kemnitz, P. see Dubbers, F. 8-78312
- Kemnitz, P. see Winter, G. 8-62552
- Kemp, B. Statistics for the non-specialist 8-57715
- Kemp, D. see Appel, E. 8-58513
- Kemp, E.L., Boicourt, G.P., Bickford, K.J. The development of a low-cost, 10-kV capacitor 8-74485
- Kemp, J.C., Herman, L.C., Barbour, M.S. Cygnus X-1: Optical and X-ray evidence for a 78/39-day period 8-89274
- Kemp, J.C., Rudy, R.J., Lebofsky, M.J., Rieke, G.H. Near-infrared polarization studies of Saturn and Jupiter 8-85899
- Kemp, J.C. see Lebofsky, M.J. 8-54035
- Kemp, J.C. see Rudy, R.J. 8-65631
- Kemp, K. Particle elastic scattering analysis used for determination of C, N and O in size fractionated urban aerosols 8-81466
- Kemp, M.C. see Readhead, A.C.S. 8-96376
- Kemp, P.H. see Etheridge, D.W. 8-59380
- Kemp, R.C., Kemp, W.R.G. The triple points of krypton, argon, nitrogen and neon 8-73997
- Kemp, R.C., Kemp, W.R.G. The realization of the normal boiling point of neon 8-79757
- Kemp, T.J. see Cox, A. 8-64860
- Kemp, W.R.G. see Kemp, R.C. 8-73997, 8-79757
- Kempe, M. see Jurgens, G. 8-64522
- Kempen, H. van see van Kempen, H.
- Kemper, K.W. see Harwood, L.H. 8-86720
- Kempf, B., Elschner, B., Spitzli, P., Fischer, O. Superconductivity and magnetic ordering in $\text{Bi}_2\text{Sr}_{1-x}\text{Eu}_x$ 8-56252
- Kempf, E., Diem, M. Comparison between resistance thermometers according to Baumbach and to Frankenberg 8-65433
- Kempf, J. AES investigations of Ar^+ ion retention in Si during Ar sputtering 8-56552
- Kemphaus, J. see Focke, A.E. 8-64720
- Kempin, H.F., Klapper, K., Ertl, G. Analyzer system for field emission energy distribution (FEED) measurements 8-89605
- Kempin, H.F. see Klapper, K. 8-84704
- Kempster, C.J.E. see Seth, K.K. 8-75567
- Kempter, V. see Martin, P.J. 8-70917
- Kempter, V. see Zehnle, L. 8-66643, 8-82829
- Kempton, A.J. see Ffowcs Williams, J.E. 8-94792
- Kemter, B. see Bleicher, W.U. 8-88753
- Kemter, B.E. see Nagel, M. 8-88754
- Kemter, E. see Epplé, E. 8-85432
- Ken-ichi Tozaki, Ikushima, A. Dynamic scaling and ultrasonic attenuation in ^4He near the superfluid transition point 8-84016
- Kenarov, A.V. see Sidorovich, A.V. 8-75571

- Kendall, A.C.**, Walters, K.L. The age of metamorphic anhydrite in Mississippian reservoir carbonates, southeastern Saskatchewan 8-73328
- Kendall, B.E.**, Radue, E.W. Computed tomography in spontaneous intracerebral haematomas 8-73195
- Kendall, B.M.** *see* Blume, H.-J.C. 8-81416
- Kendall, D.P.** *see* Underwood, J.H. 8-92414
- Kendall, D.R.** *see* Callear, A.B. 8-90198
- Kendall, H.W.** *see* Cutts, D. 8-78380, 8-89746
- Kendall, J.M., Sr.** *see* Reid, M.S. 8-88946
- Kendall, K.** The impossibility of comminuting small particles by compression 8-52709
- Kendall, K.** Fracture of particulate filled polymers 8-52939
- Kendall, K.** Complexities of compression failure 8-55608
- Kendall, K.** Interfacial dislocations spontaneously created by peeling. [Adhesive joint strength] 8-73011
- Kendall, P.C.** *see* Hewson-Browne, R.C. 8-61318
- Kendig, M.W.** *see* Leidheiser, H., Jr. 8-64765
- Kendrick, H.** *see* Claridge, D.E. 8-96105
- Kendrick, J.**, Kuntz, P.J., Hillier, I.H. Theoretical study of reactive processes in the FH_2^+ system by ab initio MCSCF-CI and diatomics-in-molecules calculations 8-56881
- Kendrick, J.** *see* Ding, A. 8-55219
- Kendrick, S.**, Kovacs, R., La Vaglia, A. Solar simulation for testing off-axis light attenuation of a star sensor assembly 8-61714
- Kendrick, S.H.**, Snelson, W.K. Design of the remote handling system for a fuel defect test loop 8-82436
- Kenefick, R.A.** *see* Riley, P.J. 8-70534
- Keneman, S.A.**, Bordogna, J., Zemel, J.N. Evaporated films of arsenic trisulfide: Dependence of optical properties on light exposure and heat cycling 8-68572
- Keneman, S.A.**, Bordogna, J., Zemel, J.N. Evaporated films of arsenic trisulfide: Physical mode of effects of light exposure and heat cycling 8-94417
- Keneshea, T.J.** *see* Swider, W. 8-93038
- Kenfield, T.A.**, Appleby, W.K., Busboom, H.J., Bell, W.L. Swelling of type-316 stainless steel at high fluences in EBR-II 8-79636
- Kenik, E.A.** Simulation of radiation damage and stability in 316 stainless steel 8-86602
- Kenina, E.M.** *see* Kornilov, I.I. 8-85050
- Kenison, R.C.** An experimental study of the effect of oscillatory flow on the separation region in a turbulent boundary layer 8-75127
- Kenmoku, M.**, Naka, S. A method of quantization of the spinning string 8-66095
- Kennealy, J.P.**, Del Greco, F.P., Caledonia, G.E., Green, B.D. Nitric oxide chemiexcitation occurring in the reaction between metastable nitrogen atoms and oxygen molecules 8-90163
- Kennedy, A.L.** *see* Adgey, A.A.J. 8-57049
- Kennedy, C.** *see* Jones, L.H. 8-82808
- Kennedy, C.J.** *see* Barry, J.D. 8-59045
- Kennedy, C.N.**, Key, A.W., Zemany, P.D. A comparison of the reactions $\pi^+p \rightarrow (\text{Nn})^+\pi^+\pi^-\pi^-$ at 4.5 GeV centre-of-mass energy 8-70402
- Kennedy, C.N.**, Zemany, P.D., Beaufays, J., Key, A.W., Luste, G.J., Prentice, J.D., Yoon, T.-S. Partial, total, and resonance production cross sections for the reactions $\pi^+p \rightarrow \text{four-prong final states at } 10.3 \text{ GeV/c}$ 8-74276
- Kennedy, C.N.** *see* Beaufays, J. 8-82248
- Kennedy, C.N.** *see* Zemany, P.D. 8-66117
- Kennedy, D.A.** *see* Francis, M.S. 8-67289
- Kennedy, D.L.** *see* Linard, B.J. 8-74326
- Kennedy, E.F.** *see* Csepregi, L. 8-79900
- Kennedy, E.F.** *see* Foti, G. 8-75700
- Kennedy, E.F.** *see* Reichtin, M.D. 8-75688
- Kennedy, E.T.** *see* Carroll, P.K. 8-54471
- Kennedy, G.** Boundary terms in the Schwinger-DeWitt expansion: flat space results 8-77815
- Kennedy, G.** *see* Dowker, J.S. 8-54526
- Kennedy, G.C.** *see* Mirwald, P.W. 8-84785
- Kennedy, G.C.** *see* Ramakrishnan, J. 8-83899
- Kennedy, J.E.** *see* Nunziato, J.W. 8-87288
- Kennedy, J.G.** *see* Watkin, K.L. 8-77164
- Kennedy, J.H.**, Frese, K.W., Jr. Flatband potentials and donor densities of polycrystalline $\alpha\text{-Fe}_2\text{O}_3$ determined from Mott-Schottky plots 8-76089
- Kennedy, J.H.**, Frese, K.W., Jr. Photooxidation of water at $\alpha\text{-Fe}_2\text{O}_3$ electrodes 8-76886
- Kennedy, J.H.** *see* Akridge, J.R. 8-68431
- Kennedy, J.M.** *see* Belytschko, T.B. 8-70612
- Kennedy, J.M.** *see* Kulak, R.F. 8-70613
- Kennedy, L.** *see* Shaw, H.W. 8-60723
- Kennedy, N.S.J.** *see* Nemes, R.J. 8-80307
- Kennedy, P.** *see* Goodings, D.A. 8-68407
- Kennedy, P.J.**, Muir, A.Y. Modification of field-emission currents from tungsten by external magnetic fields 8-88408
- Kennedy, R.C.** *see* Jones, L.H. 8-70835
- Kennedy, R.C.** *see* McDowell, R.S. 8-90162
- Kennedy, T.A.**, McCombe, B.D., Tsui, D.C., Wagner, R.J. Temperature and band-gap-light dependence of far IR resonant magnetotransmission in Si inversion layers 8-64363
- Kennedy, T.A.**, Wilsey, N.D. Identification of the isolated Ga vacancy in electron-irradiated GaP through EPR 8-95519
- Kennedy, T.A.** *see* Wagner, R.J. 8-64137
- Kennedy, T.D.A.** Heat transfer to accelerating gas flows 8-54823
- Kennedy, W.E.** *see* Kabele, T.J. 8-94110
- Kennedy, W.L.**, Rosten, J.G., Young, L.M., Ciuffreda, K.J., Levin, M.I. A field expander for patients with retinitis pigmentosa: a clinical study 8-65148
- Kennel, C.F.** *see* Ashour-Abdalla, M. 8-77424, 8-87442
- Kennel, C.F.** *see* Asseo, E. 8-61877
- Kennel, C.F.** *see* Eviatar, A. 8-61787
- Kennel, C.F.** *see* Leboeuf, J.N. 8-88991
- Kennepohl, K.**, Stein, G. VACOSS variable coding seal system for nuclear material control 8-82491
- Kenner, G.H.** *see* Park, J.B. 8-81072
- Kenner, Th.** *see* Leopold, H. 8-81085
- Kennerly, R.E.** High-resolution pulsed electron beam time-of-flight spectrometer 8-49939
- Kennerly, R.E.**, Bonham, R.A. Electron-helium absolute total scattering cross sections from 0.5 to 50 eV 8-74765
- Kennett, B.L.N.** *see* England, P.C. 8-85506
- Kennett, S.R.** *see* Paine, B.M. 8-66281
- Kennett, T.J.**, Brewster, P.M., Prestwich, W.V., Robertson, A. Bayesian deconvolution. III. Applications and algorithm implementation 8-70103
- Kennett, T.J.**, Prestwich, W.V., Robertson, A. Bayesian deconvolution. I. Convergent properties 8-57861
- Kennett, T.J.**, Prestwich, W.V., Robertson, A. Bayesian deconvolution. II. Noise properties 8-57862
- Kennedy, E.S.** *see* Ray, P.K. 8-70951
- Kennedy, G.** *see* McFarlane, R. 8-71136
- Kennedy, R.W.** *see* Alston-Garnjost, M. 8-66152, 8-66153
- Kennedy, R.W.** *see* Alston-Garnjost, M. 8-82235
- Kennedy, V.P.** *see* Cason, N.M. 8-82240
- Kennedy, V.P.** *see* Harris, R. 8-82242
- Kennedy, V.P.** *see* Lamsa, J.W. 8-54658
- Kennedy-Wallace, G.A.** *see* Hall, G.E. 8-84600
- Kenning, D.B.R.** *see* Eddington, R.I. 8-71845, 8-90696
- Kenning, D.B.R.** *see* Spence, D.A. 8-75045
- Kenny, M.J.** *see* Bird, J.R. 8-62502
- Kent, D.M.** *see* Vitek, R.K. 8-80802
- Kent, D.V.** *see* Lowrie, W. 8-85540
- Kent, H.J.** *see* Boucher, E.A. 8-63906
- Kent, K.M.** *see* Borer, J.S. 8-80957
- Kent, R.D.** Imitation of synthesized vowels by preschool children 8-61205
- Kenway, R.D.**, Hamer, C.J. More about the lattice Schwinger model 8-78121
- Kenyon, G.L.** *see* Douglas, J.E. 8-82612
- Kenyon, I.R.** *see* Corden, M.J. 8-58207, 8-58209, 8-62470, 8-66164, 8-74283
- Kenyon, K.E.** *see* Millero, F.J. 8-73391
- Kenyon, N.H.**, Belderson, R.H., Stride, A.H. Channels, canyons and slump folds on the continental slope between South-West Ireland and Spain 8-96191
- Kenyon, R.V.**, Ciuffreda, K.J., Stark, L. Binocular eye movements during accommodative vergence 8-61186
- Keon, W.J.** *see* Mortimer, A.J. 8-96062
- Keough, R.F.** Evaluation of the vanadium wire equilibration method for determining oxygen in sodium 8-79626
- Kepa, R.**, Rytel, M., Rzesut, Z. The E'II-A'II system bands in $^{13}\text{C}^{18}\text{O}$ and $^{12}\text{C}^{18}\text{O}$ molecules 8-90177
- Kepa, R.** *see* Janjic, J.D. 8-90185
- Kephart, R.D.** *see* Vidal, R. 8-89877
- Kephart, R.D.** *see* Yoh, J.K. 8-82344
- Kephart, T.** *see* Conetti, S. 8-93905
- Kephart, T.** *see* Hartmann, J. 8-82460
- Kepler, R.G.**, Anderson, R.A. Ferroelectricity in polyvinylidene fluoride 8-60399
- Kepler, R.G.**, Anderson, R.A. Piezoelectricity and pyroelectricity in polyvinylidene fluoride 8-84529
- Kepper, P.** *see* de Kepper, P.
- Keppler, E.** *see* Williams, D.J. 8-85811
- Keprt, J.**, Hrabovsky, M., Vejbor, P. Hologram recording and reconstruction using materials with low resolving power 8-90399
- Keptya, V.F.** *see* Brandt, N.B. 8-49809, 8-57973
- Keramidi, A.S.** *see* Grigor'ev, V.A. 8-94884
- Kerbaugh, G.** *see* Haase, D.G. 8-81748
- Kerbel, B.M.** *see* Trofimov, A.I. 8-70114
- Kerber, M.** *see* Gauss, W. 8-84487
- Kerber, R.L.**, Hough, J.J.T. Rotational nonequilibrium mechanisms in pulsed $\text{H}_2 + \text{F}_2$ chain reaction lasers. I. Effect on gross laser performance parameters 8-82958
- Kerber, R.L.** *see* MacKnight, A.K. 8-63117
- Kerblay, T.S.**, Kovalevskaya, Ye.M. Angular characteristics of radio-wave trajectories in a horizontally inhomogeneous ionosphere 8-73571
- Kercha, Yu.Yu.** *see* Vatulov, V.N. 8-51453
- Kerchner, H.R.**, Colman, R.R., Jr., Klabunde, C.E., Sekula, S.T. Low-temperature irradiation of niobium with 15-MeV neutrons 8-52179
- Kerchner, H.R.**, Sekula, S.T. Stress-tensor theory of the AC permeability of defect-free type-II superconductors 8-56271
- Kerdraon, A.** *see* Heyvaerts, J. 8-61824
- Kereakes, J.G.** *see* Thomas, S.R. 8-53484
- Kerek, A.**, Kihlgren, J., Lindblad, T., Pomar, C., Sztarkier, J., Walus, W., Skeppstedt, O., Bialkowski, J., Kownacki, J., Sujkowski, Z., Zgliniski, A. Multi-detector arrangements for on-line measurements of γ -ray and neutron multiplicities 8-50440
- Keresztury, G.** Calculation of transition moment directions for molecules of low symmetry 8-64351
- Kerherve, F.** *see* Boissel, P. 8-90455
- Kerimov, B.K.**, Tsvetkov, V.P. Shift of levels of μ -mesoatoms and the anomalous interaction of muons with nuclei 8-74804
- Kerimov, D.A.** *see* Aliguliev, R.M. 8-60640
- Kerimov, I.G.** *see* Mamedov, K.K. 8-87796
- Kerkdijk, C.B.** *see* Hoonhout, D. 8-56055
- Kerkdijk, C.B.** *see* Risley, J.S. 8-58809, 8-58810
- Kerker, G.P.**, Ho, K.M., Cohen, M.L. Mo(001) surface: a self-consistent calculation of the electronic structure 8-76128
- Kerker, G.P.**, Louie, S.G., Cohen, M.L. Electronic structure of the ideal and reconstructed Si(001) surfaces 8-52050
- Kerker, M.**, Cooke, D.D., Chew, H., McNulty, P.J. Light scattering by structured spheres 8-63010
- Kerker, M.**, Scheiner, P., Cooke, D.D. The range of validity of the Rayleigh and Thomson limits for Lorenz-Mie scattering 8-66755
- Kerker, M.** *see* Kratochvil, J.P. 8-76926
- Kerler, W.** Quantum treatment of constrained systems and implications for path integrals 8-65815
- Kerler, W.** Definition of path integrals and rules for non-linear transformations 8-78072
- Kerman, A.** *see* Smilanski, I. 8-50790
- Kerman, A.K.** Time dependent approach to nuclear reactions 8-50193
- Kerman, B.R.** Multi-component linear digital simulation of atmospheric boundary layer turbulence 8-61513
- Kermisch, D.** Imaging properties of the γ -Ruticon image buffer 8-66915
- Kermode, M.W.** *see* McKerrell, A. 8-78271
- Kern, C.W.** *see* Scheiner, S. 8-80829, 8-94189
- Kern, D.** *see* Hoch, H. 8-55277
- Kern, D.** *see* Rauh, H. 8-82901
- Kern, F.** Contribution to the study of nematogenic molecules 8-87612
- Kern, H.**, Imhof, K. Recent advances in automation of HPLC 8-80806
- Kern, J.**, Hemmings, J.W. On the analogy between the calorimeter problem and some granulate-fluid exchange processes 8-90644
- Kern, J.**, Schwartz, B. Digital image processing in the diagnosis of glaucoma and ocular disease 8-81043
- Kern, J.**, Schwitz, W. Precision energy measurements of γ -rays occurring in the decay of ^{110m}Ag 8-58251
- Kern, J.** *see* Eichler, R. 8-66695
- Kern, J.** *see* Glasser, D. 8-67810
- Kern, J.** *see* Schwitz, W. 8-78002
- Kern, K.** *see* Fischer, Th. 8-62669
- Kern, R.** *see* Le Lay, G. 8-87885
- Kern, W.** Chemical etching of silicon, germanium, gallium arsenide, and gallium phosphide 8-95832
- Kern, W.**, Felderhof, B.U. Variational principle for flow of non-Newtonian fluids 8-51207
- Kern, W.** *see* Russ, J. 8-78202
- Kern, W.** *see* Schramel, P. 8-61121
- Kernahan, J.A.** *see* Donnelly, K.E. 8-90121
- Kernahan, J.A.** *see* Pinnington, E.H. 8-55223, 8-55224
- Kernan, A.** *see* Baum, L. 8-89758
- Kernel, G.** *see* Diallo, B. 8-80947
- Kerner, B.S.**, Osipov, V.V. Nonlinear theory of stationary strata in dissipative systems 8-57884
- Kerner, R.** Deformations of the embedded Einstein spaces 8-54254
- Kerner, S.R.**, Alexopoulos, N.G. On the theory of corrugated optical disk waveguides 8-63199
- Kerner, W.** MHD stability for a class of Tokamak equilibria with fixed boundaries 8-71477
- Kerner, W.** *see* Chance, M.S. 8-79425
- Kerner-Czeskleba, H.**, Tourne, G. Preparation of new molybdenum IV oxides and lanthanides with the formula Ln_2MoO_4 8-76618
- Kerr, A.R.** *see* Taur, Y. 8-62224
- Kerr, C.M.L.** *see* Brown, J.M. 8-86896

- Kerr, F.J. *see* Knapp, G.R. 8-57633, 8-65681
 Kerr, H.W. *see* Ganaha, T. 8-84794
 Kerr, J.R. *see* Pincus, P.A. 8-66757, 8-66758
 Kerr, J.W. *see* Callahan, W.H. 8-73366
 Kerr, J.W. *see* Miall, A.D. 8-65297
 Kerridge, J.F., Kaplan, I.R., Kung, C.C., Winter, D.A., Friedman, D.L., DesMarais, D.J. Light element geochemistry of the Apollo 12 site 8-65515
 Kerrigan, T.C. *see* Rosinski, J. 8-61509
 Kershaw, D. *see* Zimmerman, G. 8-58478
 Kerssies, A. *see* van Dijk, W. 8-61869
 Kersten, F., Hamann, C. On the kinetics of formation of etch pits in β -copper phthalocyanine single crystals 8-67719
 Kersten, F. *see* Hamann, C. 8-63773
 Kertesz, A.E., Sullivan, M.J. The effect of stimulus size on human cyclofusional response 8-61187
 Kertesz, M., Koller, J., Azman, A. Ab initio Hartree-Fock crystal orbital studies. II. Energy bands of an infinite carbon chain 8-60066
 Kertesz, M., Koller, J., Azman, A. Electronic structures of polydiacetylene backbones 8-63975
 Kertesz, M. *see* Holczar, K. 8-60115
 Kertser, S.M. *see* Dyban', Yu.P. 8-60633
 Kerut, E.G. *see* Madelain, F. 8-73397
 Kervailishvili, N.A., Korthondjia, V.P. Electron density distribution in anode sheath of low pressure discharge in crossed E_1H fields 8-75424
 Kervailishvili, P.D. *see* Borodovskii, Ya.A. 8-56156
 Kerwin, R.E. *see* Chang, C.C. 8-76783
 Kerry, G., Amiel, J., Flandrois, S., Delhaes, P., Toreilles, E., Fabre, J.M., Giral, L. Physical properties of a metallic organic charge transfer complex with an unsymmetric cation: t-TTF-TCNQ 8-76059
 Kes, P.H., De Klerk, D., Van Der Mey, G.P., Bressers, J. Influence of voids on the superconducting properties of vanadium 8-52168
 Kesaev, T.M. *see* Korchagin, I.V. 8-68653
 Kesamanly, F.P. *see* Kovalenko, V.F. 8-72596
 Kesamanly, F.P. *see* Volkov, L.A. 8-87825
 Kesarwani, R.N., Varshni, Y.P. High precision determination of the critical screening length for the static screened Coulomb potential 8-49706
 Kesavasamy, K., Krishnamurthy, N. Lattice vibrations in a linear triatomic chain 8-83886
 Kesharwani, K.M. Impurity concentration effects in dilute metal and semiconductor alloys 8-75777
 Kesharwani, K.M. Evaluation of change in force constant due to volume effects in dilute alloys 8-75778
 Keshavamurthy, R.S. *see* Ramachandran, G. 8-74350
 Keshavamurthy, R.N., Satyan, V., Goswami, B.N. Indian summer monsoon cyclogenesis and its variability 8-81319
 Keshavan, S.Y., Srinath, L.S. Passage of light through a general three-dimensional model—equations linking ellipticity and azimuth with system parameters 8-50695
 Keshavan, S.Y., Weber, H. A non-destructive method for the determination of the state of stress for a general problem in three dimensional photoelasticity using scattered light 8-90805
 Keski-Rahkonen, O. *see* Saijonmaa, J. 8-62928
 Keskimaki, C.A. *see* Jon, M.C. 8-53066
 Keskula, H., Turley, S.G. Polyisoprene modified polystyrene 8-84993
 Keskyula, A.Yu., Stipura, A.P., Martyushenko, A.A. Correcting the frequency response of an acoustic channel by means of electronic circuits 8-85111
 Keskyula, A.Yu. *see* Sinyakov, E.V. 8-54357
 Kesler, L.G. *see* Mitsa, V.M. 8-63159
 Kesler, N.A., Kucheva, R.G., Lyalin, A.V., Shmurun, Yu.A., Siryi, V.D., Eichina, V.G. Equipment for the ultrasonic structural inspection of ultrathin-walled tubing 8-72990
 Kesler, N.A., Pranitskii, A.A., Shmurun, Yu.A., Eichina, V.G. Instruments for determining the damping of ultrasonic waves in solid materials 8-92429
 Kesler, Ya.A., Kamyshova, V.K., Gordeev, I.V., Tret'yakov, Yu.D. Determination of the enthalpies of formation of sulfide spinels Co_3S_4 , $\text{Cu}_{0.5}\text{Co}_{2.5}\text{S}_4$ and CuCo_2S_4 8-53237
 Kesler, Ya.A., Shchelkotonov, V.A., Tret'yakov, Yu.D., Kamyshova, V.K., Gordeev, I.V., Alferov, V.A. Thermodynamic properties of CdCr_2S_4 8-51703
 Kesmodel, L.L., Dubois, L.H., Somorjai, G.A. Dynamical LEED study of C_2H_2 and C_2H_4 chemisorption on Pt (111): evidence for the ethyldyne (triple bond-C-CH₃) group 8-73075
 Kesner, J. Quasi-linear model for ion cyclotron heating of Tokamaks and mirrors 8-59626
 Kesner, J. *see* Lao, L.L. 8-79456
 Kesner, J.W. *see* Frank, T.H. 8-55523
 Kessel, A.T. *see* van Kessel, A.T.
 Kessel, C. *see* van Kessel, C.
 Kessel, H.J. *see* van Kessel, H.J.
 Kessel, Q.C. *see* Moak, C.D. 8-55066
 Kessler, G. *see* Dow, P. 8-82559
 Kessel'man, P.M., Slyusarev, V.V., Paramonov, I.A. Investigation of the thermal conductivity of Freons of the ethane series 8-63884
 Kessier, W.V. *see* Jih-Hung Chiu 8-58857
 Kessler, A., Pfluger, R. An investigation of the formation and kinetics of reorientation of Na^+ -anion vacancy complexes in $\text{CdF}_2:\text{NaF}$ 8-84516
 Kessler, D. *see* Gauss, W. 8-84487
 Kessler, D.J., Cour-Palais, B.G. Collision frequency of artificial satellites: the creation of a debris belt 8-89035
 Kessler, E., Lee, J.T. Distribution of the tornado threat in the United States 8-69397
 Kessler, F.R., Metzendorf, J., Zurek, W. Interband Faraday ellipticity in germanium 8-92052
 Kessler, F.R. *see* Dettmer, K. 8-94996
 Kessler, G. Simple model for the emission of particles by black holes [for teachers] 8-62018
 Kessler, G. *see* Hafehe, W. 8-78430
 Kessler, J. *see* Benndorf, C. 8-87875
 Kessler, J. *see* Egert, B. 8-72047
 Kessler, J. *see* Heinzmann, U. 8-66607
 Kessler, S. On the effect of partial coherence in hologram interferometers 8-82932
 Kessler, S. Two-point resolution in Fourier holography 8-82933
 Kesteman, J. *see* Benot, M. 8-86731
 Kesteman, J. *see* Granet, P. 8-93913
 Kestemont, E. *see* Hermans, F. 8-52434
 Kestemach, H.-J., Krause, W., da Silveira, T.L. Creep of 316 stainless steel under high stresses 8-52892
 Kestenbaum, H.L., Long, K.S., Novick, R., Weisskopf, M.C., Wolf, R.S. Search for X-ray line emission from Cassiopeia A 8-57607
 Kestenboim, Kh.S., Shurinov, A.I. On characteristics of explosion waves reflected from a plane 8-87361
 Kesternich, W. *see* Papastakoudis, C. 8-56134
 Kesternich, W. *see* Sharma, B.D. 8-87962
 Kesterson, K.F. *see* Poore, M.W. 8-53059
 Kestigian, M., Smith, A.B., Bekebrede, W.R. (Y,Sm,Lu)₃(Fe,Ga)₂O₁₂ for 1 to 3 μm -diameter bubble devices 8-68323
 Kestigian, M. *see* Burilla, C.T. 8-64232
 Kestin, J., Khalifa, H.E., Sookiazian, H., Wakeham, W.A. Experimental investigation of the effect of pressure on the viscosity of water in the temperature range 10-150°C 8-51715
 Kestin, J., Sokolov, M., Wakeham, W.A. Viscosity of liquid water in the range -8°C to 150°C 8-95101
 Kestin, J., Wakeham, W.A. A contribution to the theory of the transient hot-wire technique for thermal conductivity measurements 8-65933
 Kestin, J. *see* Abe, Y. 8-94883
 Kestin, J. *see* de Groot, J.J. 8-67304
 Kestin, J. *see* Mason, E.A. 8-51276
 Keszei, B., Pardavi-Horvath, M. Coercivity of (Y,SmCa)₃(Fe,Ga)₂O₁₂ LPE films 8-95499
 Keszei, C., Ovsyannikov, A., Polak, L., Pihlak, U. Electric probes in a chemically reacting arc heated gas flow: fluctuations of the ion saturation current 8-63574
 Keszthelyi, C.P. Chemistry in lasers. XII. Energy release considerations with special emphasis on nuclear fusion of isotopic boron hydrides 8-78499
 Keszthelyi, C.P. Chemistry in lasers. XIII. Energy storage and utilization of group VIII-A hydrides as laser active media 8-79014
 Keszthelyi, C.P. Chemistry in lasers. XIV. Utilization of noble gas hydride lasers in the dissipative confinement of two-step nuclear fusion of doubly isotropic boron hydrides 8-82506
 Keszthelyi, L. Origin of the asymmetry of biomolecules and weak interaction 8-69000
 Keszthelyi, L. *see* Demeter, I. 8-61166
 Ketchen, M.B., Goubau, W.M., Clarke, J. Superconducting thin-film gradiometer 8-77947
 Kettle, B.H. *see* Gentry, R.V. 8-57210
 Ketil Solberg, J. The crystal structure of $\eta\text{-Cu}_3\text{Si}$ precipitates in silicon 8-91304
 Ketkovich, A.A., Molodkina, N.Yu., Stokov, V.A. A projector for viewing X-ray films 8-59111
 Ketkovich, A.A., Molodkina, N.Yu., Stokov, V.A. Television projector for optical inspection 8-73006
 Ketkovich, A.A., Molodkina, N.Yu., Stokov, V.A., Karavanov, V.A. An instrument for measuring the depth and dimensions of surface microdefects 8-76812
 Ketkovich, A.A. *see* Popov, Yu.A. 8-85107
 Ketkovich, A.A. *see* Stokov, V.A. 8-49836, 8-90398
 Ketley, I.J. *see* Barnes, K.J. 8-58135
 Ketolainen, P. *see* Salminen, O. 8-58950
 Ketovich, A.A. *see* Karpel'son, A.E. 8-53127
 Kets, F.B. *see* van de Water, W. 8-78820
 Ketseridis, G., Eichmann, R. Organic compounds in aerosol samples 8-73463
 Ketskemeti, I., Gati, L., Gyor, A., Kozma, L. The determination of true decay time of fluorescence of dye solutions at a very low concentration 8-85450
 Ketskemeti, I., Kusba, J. Excitation energy transfer in multi-component luminescent solutions 8-84621
 Ketterson, J.B. *see* Bhattacharya, S. 8-75818
 Ketterson, J.B. *see* Dye, D.H. 8-91601
 Ketterson, J.B. *see* Shen, S.Y. 8-49844, 8-57967
 Ketterson, J.B. *see* Thaler, B.J. 8-84460
 Ketterson, J.B. *see* Webb, R.A. 8-91799
 Kettle, P.R. *see* Fischer, Th. 8-62669
 Kettle, S.F.A., Luknar, N. The relative intensity of the $\nu(\text{CO})$ and $\nu(\text{MC})$ Raman bands of $\text{M}(\text{CO})_6$ species ($\text{M}=\text{Cr}, \text{Mo}, \text{W}$) 8-55176
 Kettle, S.F.A. *see* Kariuki, D. 8-84585
 Kettle, S.F.A. *see* Ra, O. 8-59881
 Kettner, K.-U. *see* Trautvetter, H.P. 8-57545
 Keune, D.L. *see* Chin, R. 8-63120
 Keune, W. *see* Lauer, J. 8-52398
 Keuwe, J.J. *see* Eggleton, R.C. 8-71252
 Kevan, L. Localization and solution of electrons in condensed media. The simplest radical ion? 8-87936
 Kevan, L., Gillis, H.A., Fueki, K., Kimura, T. Temperature dependence of the solvated electron optical absorption band in liquid propane: comparison of theory and experiment 8-72544
 Kevan, L. *see* Kimura, T. 8-68976
 Kevan, L. *see* Michalik, J. 8-76312
 Kevan, L. *see* Rice, S.A. 8-73064
 Kevan, S.D. *see* Wehner, P.S. 8-80453
 Kevan, S.D. *see* Williams, R.S. 8-84697
 Kevlishvili, G.Ye. *see* Chelidze, T.L. 8-53353
 Kevorkian, J. *see* Chapman, J.M. 8-94916
 Kevorkyan, Yu.R. *see* Zhukov, V.P. 8-67796
 Kewish, R.W., Jr. *see* Kutac, K.J. 8-54887
 Kewley, D.J. *see* Post, K. 8-73524
 Key, A.W. *see* Beaufays, J. 8-82248
 Key, A.W. *see* Goddard, M.C. 8-74284
 Key, A.W. *see* Kennedy, C.N. 8-70402, 8-74276
 Key, A.W. *see* Zemany, P.D. 8-66117
 Key, M. Ch. Laser driven implosion of gas filled microballoons 8-50317
 Key, M.H., Lewis, C.L.S. Research with laser 8-94395
 Key, P.J., Ward, T.H. The establishment of ultraviolet spectral emission scales using synchrotron radiation 8-78001
 Key, S.W. Concepts underlying finite element methods for structural analysis 8-66337
 Key-Soo Kim *see* Byung-Doo Choe 8-52653
 Keyes, C.G. *see* Aller, L.H. 8-77607
 Keyes, C.D., Jr. Hydrometeorological monitoring in weather modification programs 8-69544
 Keyes, G. *see* Derrick, M. 8-82197
 Keyes, G.S. *see* Engler, A. 8-93875
 Keyes, J.W., Jr., Thrall, J.H., Carey, J.E. Technical considerations in vivo thyroid studies 8-85372
 Keyes, J.W., Jr. *see* Kircos, L.T. 8-77106
 Keyes, P.H. Tricritical behavior at the isotropic-nematic transition 8-75817
 Keyes, R.W. Low temperature high mobility transistor materials 8-87970
 Keyes, R.W., Kobayashi, N. Electronic effect on the Debye temperature of n-type silicon 8-83901
 Keyes, T. *see* Ladanyi, B.M. 8-60476
 Keyse, R.J. *see* Harner, D.L. 8-73644
 Keyser, L.F. Absolute rate and temperature dependence of the reaction between chlorine (²P) atoms and methane. [Stratosphere applications] 8-80731
 Keyser, U., Munnich, F., Weigert, L.J. Subshell-closure effects of nuclear binding energies 8-58230
 Keyser, U. *see* Berg, H. 8-93974
 Kezelis, P.M. *see* Ambravezian, A.B. 8-83483
 Kezerashvili, R.Ya. The nonorthogonality of the initial and final nuclear states in the theory of (e,e') reactions 8-66265
 Kfour, A.P., Miller, K.J. The effect of load biaxiality on the fracture toughness parameters J and G^a 8-67128
 Kfour, A.P., Rice, J.R. Elastic/plastic separation energy rate for crack advance in finite growth steps 8-56765
 Khabakhpashev, A.G. *see* Baru, S.E. 8-62282, 8-62284
 Khabakhpashev, A.G. *see* Vazina, A.A. 8-65155
 Khabakhpashev, M.A. Energy gap in a spin-wave spectrum in a ferroelectric ferromagnet or antiferromagnet 8-91858
 Khabakhpasheva, E.M. *see* Kutateladze, S.S. 8-94712
 Khabakpashev, M.A. *see* Savchenko, M.A. 8-88159
 Khabarin, L.V. *see* Mamyurin, B.A. 8-59978
 Khabeev, N.S. *see* Aidagulov, R.R. 8-83424
 Khabibullaev, N.K. *see* Achilov, M.F. 8-52575

- Khabibullin, B.M.** see Timerkaev, B.A. 8-88191
- Khachalov, M.B.** see Omarov, O.A. 8-59693
- Khachatryan, A.G.** Ordering in substitutional and interstitial solid solutions 8-79744
- Khachatryan, A.G.** see Badalyan, D.A. 8-75536
- Khachatryan, M.N.** see Astvatsaturov, R.G. 8-78569
- Khachatur'yan, S.V.,** Korshunov, V.Ya., Fedorov, V.V. Method of experimental investigations of energy balance in wear process of metals with external friction 8-85006
- Khachikyan, E.E.** see Egizaryan, A.A. 8-93387
- Khachikyan, E.E.** see Petrosyan, A.R. 8-61914
- Khachoyan, A.V.** see Aivazyan, T.M. 8-72443
- Khadduri, I.Y.,** Scott, M.C. Measurements of absolute fission rates per source neutron in an iron assembly using solid state track detectors 8-58559
- Khader, M.S.** see Patel, G.S. 8-95134
- Khader, M.S.** see Prakouras, A.G. 8-87247
- Khadyev, M.S.** see Litvinov, V.S. 8-56621
- Khaenko, B.V.** Superperiodicity of the lattice in ordered quenched structures of b.c.c. solid solutions of nitrogen in vanadium 8-56662
- Khaenko, B.V.** see Arbutov, M.P. 8-68680
- Khalifov, R.Z.** see Zolotarev, B.I. 8-76156
- Khai, M.V.** Integral equations of thermoelasticity periodic problems for an infinite solid with disk-shaped cracks 8-55559
- Khaibullin, L.B.,** Shtyrkov, E.I., Zaripov, M.M., Bayazitov, R.M., Galjautdinov, M.F. Some features of laser annealing of implanted silicon layers 8-67732
- Khaiduk, M.** see Basina, Yu.V. 8-93063
- Khaikhler, V.** see Kononenko, V.G. 8-60673, 8-84824
- Khaikin, A.S.** see Sol'monov, S.V. 8-65443
- Khaikin, M.S.** Stationary levels of an electron in the field of a polarized neutral particle 8-66733
- Khaimenov, A.P.** see Smirnov, M.V. 8-86353
- Khaimov-Malkov, V.Ya.** see Bessonova, T.S. 8-72570
- Khaimovich, E.P.** see Denisenko, G.A. 8-68419
- Khaimovich, E.P.** see Golenishchev-Kutuzov, V.A. 8-80230
- Khain, A.P.** Applying the hypothesis of conditional instability of the second kind in parameterization of atmospheric convection 8-61530
- Khainatskii, O.A.** Choice of optimal parameters of the vernier spatial filter of sine-cosine motion converters 8-79133
- Khairutdinov, R.F.** see Alexandrov, I.V. 8-76844
- Khairutdinov, R.F.** see Zamaraev, K.I. 8-80759
- Khait, O.D.,** Markaryan, V.K. The effect of surface treatment on the chemical polishing time of crystal products 8-92436
- Khaiyer, I.** Calculation and analysis of the forces on ferro-fluid particles on the surface of a Permalloy overlay bar 8-68329
- Khaizer, Kh.** see Beitins, M.P. 8-54720
- Khak Ha Du** see Du Khak Ha
- Khakhana, O.V.** see Erozkolinskii, B.G. 8-78180
- Khakimov, E.A.** see Akhunov, N.Kh. 8-90673
- Khakimov, F.Kh.,** Tsytoich, V.N. Nonlinear motion of strongly turbulent plasma 8-75340
- Khakimov, F.Kh.** see Komilov, K. 8-75339
- Khakimova, D.K.** see Grigorovskaya, V.A. 8-55816
- Khakimova, M.,** Tsytoich, V.N. Relativistic solitons and coherent radiation of pulsars 8-77568
- Khaladji, J.E.** Quantitative analysis of polishing efficiency obtained on standard machines 8-50959
- Khalafov, Z.D.** see Mavrin, B.N. 8-68513
- Khalatnikov, I.M.,** Lebedev, V.V. Canonical equations of hydrodynamics of quantum liquids 8-91497
- Khalatnikov, I.M.,** Parnovsky, S.L. On the motion of particles in the field of a naked Kasner-type singularity 8-70028
- Khalatnikov, I.M.** see Lebedev, V.V. 8-79835
- Khalatov, A.A.,** Shchukin, V.K., Kozhevnikov, A.V. Local heat transfer in a tube with blowing into a tube with a different level of the initial twist 8-71338
- Khalatov, A.A.,** Shchukin, V.K., Letyagin, V.G. Local and integral parameters of swirling flow in a long tube 8-83489
- Khalatur, P.G.,** Stepan'yan, A.E., Papulov, Yu.G. Conformational statistics of poly(ethylene terephthalate) macromolecules 8-70993
- Khaldre, Yu.Yu.** see Lushchik, Ch.B. 8-72574
- Khalesse, B.** The optical polarisation of M42 and M43 8-86004
- Khalezov, A.A.** see Gorelik, V.S. 8-84588
- Khalifin, V.B.** see Kitaev, Yu.E. 8-66949
- Khalievskii, V.P.** see Arkharov, V.I. 8-95172
- Khalifa, H.E.** see Abe, Y. 8-94883
- Khalifa, H.E.** see Kestin, J. 8-51715
- Khalifa, H.E.** see Mason, E.A. 8-51276
- Khalifa, M.** see Abdel-Salam, M. 8-67580
- Khalikov, M.Ya.** see Sandovskii, V.A. 8-53152, 8-72998
- Khalikov, V.R.** see Ternov, I.M. 8-49998
- Khalil, E.E.** Aerodynamic and heat transfer characteristics of axisymmetric confined gaseous flames 8-94689
- Khalil, M.A.K.** An equivalence of relativistic field equations 8-74132
- Khalil, O.S.,** Seliskar, C.J., McGlynn, S.P. The electronic states of nitroanilines 8-58604
- Khalil, S.M.,** Shanshal, M. MINDO-FORCES calculation of the benzyl and vinyl radicals and the reactions $\cdot\text{CH}_2 + \text{H}_2 \rightarrow \text{CH}_3$ and $\text{CH}_3^+ \rightarrow \text{CH}_3 + \text{H}$ 8-66472
- Khalil, S.M.** see El-Naggar, I.A. 8-79422
- Khalil, Sh.M.** see Hussein, A.M. 8-83567
- Khalil-Zade, F.T.** see Guliev, N.A. 8-62383, 8-62384
- Khalileev, P.A.** see Grigor'ev, P.A. 8-53103
- Khalilev, V.D.** see Kolobkov, V.P. 8-64415
- Khalilev, V.D.** see Vrtanesyan, G.S. 8-63676, 8-67657
- Khalilov, A.D.** see Belov, N.V. 8-51520
- Khalilov, V.Kh.,** Pivovarov, S.S., Zakharov, V.K. The coordination of Fe^{2+} in Fe-doped crystalline and vitreous SiO_2 8-88344
- Khalipov, V.L.** see Gal'perin, Yu.I. 8-69610
- Khallaf, S.** see Hassen, M.Y.M. 8-66319
- Khalturin, V.I.** On the problem of dielectric permeability of sea water 8-77261
- Khalykov, A.M.** see Rekant, N.B. 8-89522
- Khamid, S.A.** see Zhukovskii, V.Ch. 8-78159
- Khamidov, A.A.** see Rakhmatulin, Kh.A. 8-83448
- Khamidov, A.S.** see Adam, J. 8-74334
- Khamidov, L.A.** see Rakhmatulin, Kh.A. 8-65204
- Khamidullin, B.Sh.** see Samartsev, V.V. 8-71158
- Khan, A.H.** see Kulshreshtha, A.K. 8-83754
- Khan, A.M.** Isospin symmetry breaking in $A=8$ mirror decays 8-93973
- Khan, A.M.** see Knowles, J.W. 8-78362
- Khan, B.T.,** Somayajulu, M.R., Taqui Khan, M.M. Platinum group metal complexes of adenosine and xanthosine 8-92065
- Khan, D.C.** see Quadeer, A. 8-64533
- Khan, E.** see Moreno, P. 8-50244
- Khan, H.A.,** Akbar, R.A. Fission fragment track registration and development efficiencies of some commonly used crystalline track detectors 8-66454
- Khan, H.A.** see Hussain, G. 8-86742
- Khan, I.A.,** Rafi, M., Khan, M.A. Spectrum of SrH at 2680 \AA 8-50554
- Khan, I.Ali** see Ali Khan, I.
- Khan, J.A.,** Griffiths, D. Anomalous thermal expansion of dilute CuMn and AgMn alloys below 50K 8-51710
- Khan, J.M.,** Makowiecki, D.M. Investigation of room-temperature oxidation of aluminium thin films oxidation of aluminium thin films by scanning high-energy electron diffraction 8-91567
- Khan, K.H.,** Wood, W.E. The effect of step quenching on the microstructure and fracture toughness of AISI 4340 steel 8-84834
- Khan, M.A.** see Khan, I.A. 8-50554
- Khan, M.M.H.** see Edwards, F.J. 8-94732
- Khan, M.M.** Taqui see Taqui Khan, M.M.
- Khan, M.N.** see Steckelmacher, W. 8-78794
- Khan, M.Q.** see Lal, K.B. 8-70035
- Khan, M.Y.,** Khan, S.A. A self-controlled automatic electrolysis plant for producing deuterium in a laboratory 8-80752
- Khan, S.A.** see Gimarc, B.M. 8-74790, 8-82648
- Khan, S.A.** see Khan, M.Y. 8-80752
- Khan, S.M.,** Patterson, H.H., Engstrom, H. Multiple state luminescence for the $d^4 \text{OsCl}_2^{2-}$ impurity ion in K_2PtCl_6 and Cs_2ZrCl_6 cubic crystals 8-72584
- Khan, S.U.** see Chan, W.S. 8-82022
- Khan, S.U.M.** The influence of temperature programming in gas chromatography 8-68958
- Khan, S.U.M.,** Wright, P., Bockris, J.O'M. Time-dependent perturbation theory of electron transfer reactions at interfaces 8-61027
- Khan, T.** Creep prediction of directionally solidified Cotac 74 composite 8-68754
- Khan, T.A.** see Lauppe, W.-D. 8-54668
- Khan, W.L.,** Melville, D. Magnetic anisotropy associated with iron substitution in $\text{Y}_2(\text{Co}, \text{Fe}_{1-x})_{17}$ 8-76240
- Khan, W.L.,** Melville, D. Magnetic anisotropy of some R_2Co_{17} compounds 8-84414
- Khan, W.L.,** Melville, D., Montenegro, J.F.D. Annealing effects on the anisotropy fields and coercivities of $(\text{Y}_{1-x}\text{Co}_x)\text{Co}_2$ 8-91898
- Khan, Y.,** Kneller, E. Structure and magnetic moment of zinc-substituted γ iron oxide 8-52228
- Khan, Z.U.** see Charles, M.W. 8-92709
- Khanash, Ya.** see Aksekov, V.I. 8-69563
- Khandekar, D.C.,** Lawande, S.V. Exact propagator for a quadratic Lagrangian 8-77762
- Khandewal, D.P.** see Tayal, V.P. 8-58683
- Khandogin, V.A.** see Chudnovskii, A.I. 8-83324
- Khandpur, G.K.** Interaction of electromagnetic waves with anisotropic collisional plasma half space 8-55724
- Khangulov, S.V.,** Gol'dfel'd, M.G. Two types of processes of reduction of the reaction centres of P700^+ in the leaves of higher plants 8-64954
- Khanh Vien Tran** see Tran Khanh Vien
- Khanin, E.I.** see Semenov, B.I. 8-52725
- Khanin, Ya.I.** see Anokhov, S.P. 8-66851
- Khankov, S.I.** see Balashov, I.F. 8-55359, 8-66837
- Khanna, F.C.,** Towner, I.S., Lee, H.C. Quenching of axial-vector coupling constant in the β -decay of finite nuclei 8-89824
- Khanna, K.N.,** Sharma, P.K. Susceptibility of alkali metals 8-52205
- Khanna, K.N.,** Sharma, P.K. A model potential and its calculations 8-79922
- Khanna, R.K.,** Dempsey, E., Jones, G.P. Microwave induced Kerr effect in simple non-polar liquids 8-76435
- Khanna, S.K.** see Somoano, R.B. 8-68023
- Khanna, S.N.** On the pressure variation of resistivity of solid Cu, Ag and Au 8-84193
- Khanna, S.S.** Bishai see Bishai Khanna, S.S.
- Khamanov, Sh.Kh.** Distribution of dislocations in intersecting pile-ups in crystals of cubic symmetry 8-87668
- Khamanov, Sh.Kh.** Cleaving of a crystal by a dislocation tilt wall 8-91377
- Khannov, Sh.Kh.** Statics and kinetics of vacancies in a nonuniformly stressed crystal 8-55863
- Khanonkin, A.A.** see Bart, M.A. 8-68727
- Khantadze, A.G.,** Gachechiladze, R.G. Stationary analytic model of the nighttime ionospheric F region 8-73564
- Khantadze, A.G.** see Gachechiladze, R.G. 8-73565
- Khantadze, D.V.,** Topuridze, N.I. Compression mechanism for two-component loose media modeled by spherical particles 8-84916
- Khanukaev, D.R.** see Boltysanskii, A.G. 8-86371
- Khanutina, R.V.** see Shamina, O.G. 8-85487
- Khan'zhan, P.S.** see Vinogradov, V.G. 8-60956
- Khapalyuk, A.P.,** Kalosha, V.P. The effect of the transition layer on the surface of the active medium on generation 8-71072
- Khapin, Yu.B.** see Bordonskii, G.S. 8-69353
- Kharadze, G.A.** see Abrahams, E. 8-91681
- Kharadze, G.A.** see Gongadze, A.D. 8-87840
- Kharakhsh'yan, E.G.** see Zamaleev, I.G. 8-68378
- Kharakonycheva, N.V.** see Kuznetsov, A.N. 8-65153
- Kharbediya, L.I.** The relativity of space finiteness-infiniteness for some Friedmann cosmological models 8-96582
- Kharchenko, E.F.,** Protasov, V.D., Filipenko, A.A., Polyakov, V.L. Mechanism by which tension on the fibrous filler affects the structure and the strength of wound glass-plastics 8-68751
- Kharchenko, N.F.,** Eremin, V.V., Tutakina, O.P. Birefringence of light in cobalt carbonate which is bilinear in terms of ferro- and antiferromagnetic vectors 8-56456
- Kharchenko, S.P.** see Mikul'skii, S.S. 8-96170
- Kharchenko, V.A.** see Bobashev, S.V. 8-62902
- Kharchenko, V.F.** see Kuz'michev, V.E. 8-54248
- Khare, A.** What does the data tell us about the quark-antiquark potential? 8-93842
- Khare, A.,** Kumar, S. Charge-current commutator in the framework of analytic regularization 8-54592
- Khare, A.,** Kumar, S. Finite electron self-mass in a nonperturbative iterative scheme of quantum electrodynamics 8-89641
- Khare, B.N.,** Sagan, C., Bandurski, E.L., Nagy, B. Ultraviolet-photoproduced organic solids synthesized under simulated jovian conditions: molecular analysis 8-69740
- Khare, R.K.,** Rajan, R. Dielectric properties of the system $\text{Pb}_{2-x}\text{Ba}_{1-x}\text{Li}_{0.5}\text{Nb}_{0.5}\text{O}_6$ 8-64308
- Khare, R.P.** see Kor, S.K. 8-83813
- Khare, R.P.** see Tripathi, N.D. 8-79713
- Khare, R.S.** see Worthington, C.R. 8-96022
- Khare, S.** Steady flow between a rotating and a porous stationary disc in the presence of transverse magnetic field 8-79382
- Khare, S.P.,** Kumar, A. Fluorescence efficiency of protons in 3914 \AA (0,0) band of N_2^+ (1N) 8-74697
- Khare, S.P.,** Kumar, A., Jr. Mean energy expended per ion pair by electrons in molecular oxygen 8-74777
- Khare, S.P.** see Gupta, P. 8-55237
- Khare, S.P.** see Jhanwar, B.L. 8-78818
- Khare, V.** On the I_2 -conserving energy sudden approximation for atom-diatom scattering 8-66628
- Kharenko, A.M.** On methods of studies of time variability of hydrodynamical fields 8-65424
- Kharionovskii, V.V.** see Moskalenko, V.N. 8-79275
- Kharitonov, A.S.** see Shaulov, A.Yu. 8-51450
- Kharitonov, A.V.** Comparison of the results of absolute spectrophotometry and UVB photometry 8-96476

- Kharitonov, I.A.** *see* Yaritsyna, I.A. 8-74524
Kharitonov, K.G. *see* Rivkin, S.K. 8-67845
Kharitonov, N.I. *see* Gavrilov, M.N. 8-52908
Kharitonov, N.P. *see* Krotikov, V.A. 8-87627
Kharitonov, N.V. *see* Krasovskii, A.Ya. 8-80614
Kharitonov, O.M. Methods for studying spectral characteristics of laminated heterogeneous media in ray approximation 8-69482
Kharitonov, S.V. *see* Gabovich, M.D. 8-75377
Kharitonov, V.B. Optimization of the process for digital photographic sound track recording 8-89580
Kharitonov, V.S. *see* Daneliya, E.P. 8-92271
Kharitonov, Yu.N., Nechaev, B.L., Baranov, A.I., Rudyak, V.M. Conditions for occurrence of abrupt polarization changes in ferroelectrics under the influence of extreme forces 8-68459
Kharitonov, Yu.N., Rudyak, V.M., Manevich, E.M., Maksimov, N.N. Jump-like switching processes in SbSI single crystals in the paraelectric phase 8-92038
Kharitonov, Yu.N., Shcherbakov, Yu.V., Dunaevskaya, L.M., Rukyay, V.M. Determination of the maximum velocity of domain boundaries in reversal of polarization of antimony sulphoiodide single crystals 8-60411
Kharitonov, Yu.P. *see* Kushniruk, V.F. 8-78571, 8-86745
Kharitonova, T.N. *see* Gurvich, A.S. 8-65383
Kharitonova, Zh.F. *see* Garber, R.I. 8-92267
Kharitonyuk, A.M. Mechanical properties of silver steel during bending 8-95764
Kharizemenov, Yu.V. *see* Ibraimov, V.Yu. 8-86697
Kharkats, Yu.I. *see* Gurevich, Yu.Ya. 8-63856, 8-75826
Khar'kov, E.I. *see* Isai, V.N. 8-59847
Khar'kov, E.I. *see* Sementsov, Yu.I. 8-56148
Khar'kova, L.E. *see* Lozovoi, V.I. 8-67846
Kharlamov, B.M., Bykovskaya, L.A., Personov, R.I. A new method for detecting a linear structure in inhomogeneously broadened absorption spectra of organic molecules 8-76504
Kharlamov, E.A., Marshalkovich, A.S. On predicting the elastic modulus of some polymers in the glassy state 8-75707
Kharlamov, M.P. On conditionally-linear integration of the equations of motion of a rigid body with dynamic symmetry 8-86135
Kharlamov, P.V. Hodographs of the angular velocity of a Lagrangian gyroscope 8-86133
Kharlamov, P.V., Mozalevska, G.V. On one case of asymptotically uniform rotation of a rigid body about a fixed point 8-65761
Kharlamov, S.P. *see* Boos, E.G. 8-62530
Kharlamov, S.P. *see* Shabratoeva, G.S. 8-82359
Kharlamova, E.I. Inertial motion of a gyrostator 8-86137
Kharlamova, G.K. *see* Golubkov, A.G. 8-53267
Kharlamova, N.P. *see* Zyat'kova, L.P. 8-85112
Kharnish, G. *see* Bulanzhe, Yu.D. 8-69274
Kharoo, H.L., Gupta, O.P., Hemkar, M.P. Debye-Waller factors of FCC metals by modified Cheveau model 8-59918
Kharoo, H.L. *see* Om Prakash Gupta 8-79688
Kharshiladze, A.F. *see* Ivanov, K.G. 8-69637
Khartsiev, V.E. Photodissociation waves under atmospheric conditions 8-79407
Khartsiev, V.E. *see* Wunsche, H.-J. 8-51900
Kharzheev, Yu.N. *see* Amaglobeli, N.S. 8-54652
Kharzheev, Yu.N. *see* Bairamov, A.A. 8-78422
Khasan, S.M. *see* Asaad, A.S. 8-61897
Khasanov, D.K. *see* Muminov, R.A. 8-78545
Khasanov, L.R. *see* Miropl'skiy, Z.L. 8-51045
Khasanov, U. *see* Arifov, U.A. 8-52110
Khashayev, Z.Kh.-M., Tsofina, L.M. Effect of bivalent cations on the adhesion of membranes 8-64946
Khashimov, F.R. *see* Mokrushin, A.D. 8-72636
Khasilev, L.E. Cavity effect in tunnels of various cross-sections 8-88784
Khataevich, V.I., Pikin, S.A., Tikhomirova, N.A., Zeinaly, A.Kh. Nonlinear effects in nematics above the electrohydrodynamic instability threshold 8-75551
Khataevich, V.I., Zeinaly, A.Kh. Dissipative structures in turbulent movement of liquid crystals 8-55808
Khater, H.A., Nicoll, W.B. Prediction of flow reversal in two-phase transient flow 8-94811
Khatibi, P. *see* Clermontel, D. 8-78687
Khatipova, S.V. *see* Nudel'man, I.M. 8-49797
Khatkevich, A.G. Classification of crystals by acoustic properties 8-79547
Khatkevich, A.G. Diffraction and propagation of ultrasonic beams in single crystals 8-94468
Khatkevich, A.G. *see* Lugina, A.S. 8-71153
Khatoon, S. *see* Rahimullah, K. 8-82669
Khatsegan, K. *see* Chenzha, M. 8-94011
Khatsinskaya, I.M. *see* Logunov, A.V. 8-52865
Khats'ko, E.N. *see* Il'chev, V.Ya. 8-56298
Khattak, G.D., Keesom, P.H. Low-temperature specific heat of niobium-doped rutile (TiO₂) 8-55957
Khattak, G.D. *see* Dad Khattak, G.
Khattari, K., Rai, K., Jain, A.K. Sinval, H., Gaur, V.K., Mithal, R.S. The Kinnaird earthquake, Himachal Pradesh, India, on 19 January, 1975 8-96161
Khaustova, V.I. Theoretical investigation of the electronic structure and spectra of dimethyl sulphide, sulfoxide, and sulphone 8-66460
Khaustova, V.I., Danilova, V.I. Spin-orbital interaction in dimethyl sulphide and dimethyl ether 8-66461
Khavkin, Yu.L. *see* Zaidenman, I.A. 8-53366
Khayrallah, G.A., Chen, S.T., Rumble, J.R., Jr. Inelastic scattering of electrons by metastable helium: first Born and Glauber cross sections for 2³S-3³S excitation 8-55243
Khayrallah, G.A., Smith, S.J. Radiative lifetime measurement of the 3³S, 3¹D, 4¹D, 4¹F, and 5¹F excited states of helium 8-94325
Khayyat, F.A., Stanley, P. The dependence of the mechanical, physical and optical properties of Araldite CT200/HT907 on temperature over the range -10°C to 70°C 8-56682
Khazanov, G.V., Koen, M.A., Baraishchuk, S.I. Trapped photoelectrons and secondary electrons in the midlatitude plasmasphere. II 8-69565
Khazanov, G.V., Koen, M.A., Kudryashev, G.S. Kinetics of electrons at heights of 100-260 km 8-77395
Khazanov, G.V. *see* Avakyan, S.V. 8-69557
Khazanovich, T.N. *see* Fedotov, V.D. 8-72423
Khazanovich, T.N. *see* Zatsepina, V.M. 8-60353
Khazanyuk, A.L., Sokolov, S.E., Yaroslavskii, G.F. Device for the calibration of roentgenocardiographs with photoelectronic sensors 8-57061
Khazins, D.M. *see* Alekseev, G.D. 8-70701
Khazov, Yu.L. *see* Alexeev, V.L. 8-54721
Khelifets, A.S. *see* Ilisavskii, Yu.V. 8-88000
Khelifets, L.Ya., Romanov, N.A., Sobina, N.A., Salikhdzhanova, R.M.-F., Bryksin, I.E. Differential cathode-ray polarograph 8-56930
Khelifets, S.A. *see* Derbenev, Ya.S. 8-70050
Khelifa, B., Delahaigie, A., Jouve, P. Soft mode and Debye relaxations in thiourea 8-80347
Khemangkorn, V., Molinier, J., Angelino, H. Influence of mass transfer direction on efficiency of a pulsed perforated plate column 8-71385
Khentigan, A. *see* Winstead, M.B. 8-80965
Kher, V.G., Bagree, K.R., Patki, B.A., Deshpande, D.A. Variation of polarization and resistivity of lead titanate single crystals and applied electric field 8-64313
Kher, V.G. *see* Deshpande, D.A. 8-80422
Khersonskii, V.K. Photodissociation of Poschl-Teller oscillators 8-55210
Khersonskii, V.K. *see* Varshalovich, D.A. 8-54031
Khesin, Yu.D. *see* Bodunova, M.B. 8-56673
Khetrapal, C.L. *see* Kumar, A. 8-80244
Khidekel', M.L. *see* Laikhin, V.N. 8-95316
Khiem Pham gia *see* Pham gia Khiem
Khiem Trung Van *see* Trung Van Khiem
Khil'kevich, B.G. *see* Zlatoruskii, A.A. 8-85399
Khil'kevich, I.F. *see* Khomenko, O.A. 8-64248
Khimchenko, L.N. *see* Bortnikov, A.V. 8-59643
Khimchenko, N.V. *see* Vinogradov, N.V. 8-53124, 8-53157
Khimenko, V.I. The number of excursions of a stationary random process with a non-Gaussian distribution 8-86221
Khimin, Yu.A. *see* Denisov, G.G. 8-68294
Khiminets, O.V., Puga, P.P., Khiminets, V.V., Rosola, I.I., Puga, G.D. Raman spectra of glasses of an As-S-I system 8-76469
Khiminets, O.V., Turyanitsa, I.D., Gerasimenko, V.A., Khiminets, V.V. Glass formation in the Sb-Se-I system 8-88452
Khiminets, O.V. *see* Slivka, V.Yu. 8-88315
Khiminets, V.V. *see* Gerasimenko, V.S. 8-83053
Khiminets, V.V. *see* Khiminets, O.V. 8-76469, 8-88452
Khistrov, A.N. *see* Starovoitov, E.M. 8-74789
Khistrova, V., Bundule, M.F., Pinks, Z.G. An electron-diffraction investigation of titanium dioxide in thin films 8-79906
Khivrich, V.I. *see* Malogolovets, V.G. 8-59841
Khizhnyak, A.I. *see* Kravchenko, V.I. 8-59051
Khizhnyak, P.E., Fedoseev, S.D., Lutkov, A.I. Contact thermal resistance of some graphites 8-79829
Khizhnyak, V.G. *see* Kovalev, Yu.G. 8-74016
Khizhnyakov, V., Sokolov, F., Tekhver, I. Theory of resonant Raman scattering on photodissociating molecules 8-55180
Khiznichenko, L.P., Oteniyazov, E., Tulyaganova, N.S. Internal friction in neutron irradiated silicon 8-51597
Khlebtsevich, V.Yu. *see* Vladimirov, L.V. 8-95893
Khlebtsov, N.G. *see* Shchegolev, S.Yu. 8-55302
Khlebskin, D.A., Kanishchev, V.P., Keller, V.D. Flow characteristics for hot water at an initial pressure of 22.8 MPa escaping into the atmosphere 8-66357
Khlestkov, Yu.A. *see* Movsesyants, Yu.B. 8-74823
Khlestov, V.B. *see* Artemyev, A.N. 8-66447
Khlestov, V.B. *see* Vazina, A.A. 8-65155
Khlokov, V.S., Pimenov, V.N., Gurov, K.P. Temperature dependence of interdiffusion coefficients in the range of phase transformation of the nickel-vanadium system 8-91490
Khlokov, V.S. *see* Pimenov, V.N. 8-52826
Khlopov, V.P., Polinger, V.Z., Bersuker, I.B. The Jahn-Teller effect in icosahedra molecules and complexes 8-78642
Khlopov, M.Yu. *see* Vysotskii, M.I. 8-61835
Khlus, V.A. *see* Shnyrkov, V.I. 8-88081
Khlyavich, Ya.L. *see* Bazarskiy, O.V. 8-74867
Khlystov, A.Z. *see* Martynova, N.G. 8-65430
Khlystov, N.Z. *see* Koveshnikov, L.A. 8-85589
Khlystov, N.Z. *see* Nelepo, B.A. 8-85588
Khmara, O.M. *see* Ryzhkov, S.V. 8-90999
Khmelev, A.V., Apollonov, V.V., Borman, V.D., Nikolaev, B.I., Sazykin, A.A., Troyan, V.I., Firsov, K.N., Frolov, B.A. Stimulation of a heterogeneous reaction of decomposition of ammonia on the surface of platinum by CO₂ laser radiation 8-61052
Khmelnin, A.B. *see* Fetisov, E.P. 8-51905
Khmelnitskii, D.E. Impurity effect on the phase transition at T=O in magnets. Critical oscillations in corrections to the scaling laws 8-76259
Khumyl', A.A., Tyavlovskii, M.D. Device for measuring adhesive strength of electroplates (exchange of experience) 8-56843
Khmyzov, V.V. *see* Garapov, E.F. 8-82410
Khodachenko, G.V. *see* Tyuryukanov, P.M. 8-75472, 8-75473
Khodadad, P. *see* Bouchetiere, M. 8-59791
Khodadad, P. *see* Toffoli, P.P. 8-63703
Khodakov, E.M. *see* Buzulukov, Yu.P. 8-82547
Khodakovskaya, R.Ya., Pavlushkin, N.M., Gerstner, I.N. The effect of small additions of Cr₂O₃, NiO, and MgO on crystallization in sodium aluminosilicate glasses 8-87626
Khodataev, K.V., Tsytovich, V.N. The collective acceleration of ions in linear electron flow 8-90001
Khodeev, E.N. A procedure for forecasting five-day average low and high temperature anomalies 8-92938
Khodel', V.A. *see* Sapershtein, E.E. 8-89772
Khodkin, S.S. Development of WMO program activity in the light of decisions of the VII WMO congress (1975) and the XXVIII session of the executive committee (1976) 8-61531
Khodorov, B.I., Mukumov, M.R., Kitaigorodskaya, G.M., Khodorova, A.B. Dependence of the amplitude of contractions of the frog myocardium on the frequency of electrical stimulation. Role of external and intracellular calcium on the coupling of excitation and contraction 8-77027
Khodorova, A.B. *see* Khodorov, B.I. 8-77027
Khoe, G.K., Kuyt, G. Realistic efficiency of coupling light from GaAs laser diodes into parabolic-index optical fibres 8-94435
Khoi Le Dang *see* Le Dang Khoi
Khokhlov, A.F. *see* Karmanov, V.T. 8-55988
Khokhlov, A.I. On the permissible transformations to the equations of propagation of a symmetric spherical wave in a nonlinear isotropic elastic medium 8-87292
Khokhlov, A.R. Liquid-crystalline ordering in the solution of semiflexible macromolecules 8-94963
Khokhlov, A.R. *see* Lifshitz, I.M. 8-94347
Khokhlov, A.V. *see* Blinkov, V.A. 8-77363
Khokhlov, E.M. *see* Alimpiev, S.S. 8-74714
Khokhlov, R.V., Chernov, S.P., Esselbakh, P.B., Lozovsky, P.M., Luchnik, I.N., Mikhailin, V.V., Shepelev, A.V. The possibilities of pumping UV lasers by synchrotron radiation 8-66835
Khokhlov, R.V. *see* Bakhvalov, N.S. 8-94465
Khokhlov, R.V. *see* Dzhidzhoev, M.S. 8-53233
Khokhlov, R.V. *see* Kaner, V.V. 8-50974
Khokhlov, V.A. *see* Melnichenko, I.I. 8-74074, 8-82051
Khokhlov, V.A. *see* Vitebskii, I.M. 8-88119
Khokhlov, V.N. *see* Davydov, V.S. 8-71189
Khokhlova, E.V. *see* Zyat'kova, L.P. 8-85112
Khokhlova, V.L. Estimation of lower limit of the thickness of a layer with anomalous chemical composition in the atmospheres of Ap stars 8-93279
Khokhlova, V.L. *see* Pavlova, V.M. 8-65634
Khokhlov, V.K. *see* Lysenko, V.N. 8-73320
Kholbaev, I. *see* Alikov, B.A. 8-82562
Kholchevnikov, K.V. *see* Antonov, V.A. 8-93081
Kholin, I.V. *see* Basov, N.G. 8-50799, 8-59064
Kholin, I.V. *see* Slemzin, V.A. 8-85850
Kholmet'skaya, A.V. *see* Boos, E.G. 8-62530
Khol'nov, Yu.V. *see* Berzhetskii, M.S. 8-59547
Kholodenko, B.N. *see* Ataullakhanov, F.I. 8-53354
Kholodenko, L.E. *see* Basov, N.G. 8-58978

- Kholodkevich, S.V.** see Averkiev, S.A. 8-88342
Kholodnyi, A.G. see Berkhoer, I.D. 8-74003
Kholodnyi, L.P. see Verner, V.D. 8-71787
Kholodnykh, A.I. see Akhmanov, S.A. 8-59083
Kholomai, B.V. Distribution function of an electron beam in a focusing magnetic field 8-82898
Kholopov, G.K., Shuba, Yu.A. Radiometer sensitivity normalization 8-86335
Kholpanov, L.P., Babak, T.B., Babak, V.N., Malyusov, V.A., Zhavoronkov, N.M. Coupled heat transfer between fluid film and solid wall 8-59398
Kholshchevnikova, E.K. Turbulent air flows in a round tube at high temperatures 8-75135
Kholtygin, A.F. Investigation of the Wolf-Rayet stars emission with spectrum. II. Calculation of the oscillator strength of transitions for ion spectra C III, N IV, O V 8-57566
Khol'yavin, I.I. Pole approximation for the Faddeev equations 8-49986
Khomchenkov, B.M. see Aref'yev, K.M. 8-75192
Khomenko, A.V. see Kamshilin, A.A. 8-58943
Khomenko, O.A., Khil'kevich, I.F., Zvigintseva, G.E., Vaganova, L.A. Magneto-volumetric anomaly in iron-manganese alloys with a FCC lattice 8-64248
Khomich, A.A. see Polishchuk, V.N. 8-54746
Khomich, A.A. see Shevchenko, N.G. 8-78367, 8-86473
Khomskii, D.I. Electron correlations and the magnetic properties of materials with a partly filled narrow band 8-67968
Khomskii, D.I. see Bulaevskii, L.N. 8-84441
Khomskii, D.I. see Bulayevskii, L.N. 8-60074
Khomutova, M.D. see Tagirov, V.I. 8-52036
Khom'yak, V.A., Sukhenko, T.V. Measuring transducers for testing phasemeters 8-77894
Khom'yakov, A.N. see Bardin, V.P. 8-90541
Khom'yakov, G.K. see Strashinskii, A.G. 8-88687
Khon, Yu.A. see Beznosyuk, S.A. 8-51914
Khon'kin, D.D. see Gerashchenko, V.V. 8-77828
Khono, I. see Motobayashi, T. 8-54787
Khoos, S.K. see Carr, S.G. 8-75540
Khoos, T.L., Smither, R.K., Haas, B., Hauser, O., Andrews, H.R., Horn, D., Ward, D. Yrast traps and very high-spin yrast states in ^{152}Dy 8-89778
Khoos, T.L. see Robertson, R.G.H. 8-66211, 8-78598
Khoon-Cheng Lim, Ho, J.T. Critical suppression of birefringence in a smectic-A liquid crystal near the smectic-C phase 8-76422
Khopin, V.F. see Below, A.V. 8-50936
Khorana, H.G. see Gerber, G.E. 8-77010
Khorev, V.M. see Barkov, L.M. 8-62671
Khoroshikh, V.M. see Aksenov, I.I. 8-87439
Khoroshikh, V.M. see Lunev, V.M. 8-51384, 8-51385
Khoroshun, L.P. Random functions theory in problems on the macroscopic characteristics of microinhomogeneous media 8-63280
Khorozov, O.A. see Danilov, V.V. 8-76236
Khorosheva, M.I. see Martynova, N.G. 8-65430
Khorvat, A.M. see Borodovskii, Ya.A. 8-56156
Khosrovshahi, G.B. Nonexistence of nontrivial solutions of Schrodinger type systems 8-65819
Khotin, V.A. see Bortnichuk, N.I. 8-67442
Khotina, A.V. see Bortnichuk, N.I. 8-67442
Khotkevich, V.I. see Berner, Kh. 8-68007
Khot'yaintsev, V.N. see Sugakov, V.I. 8-60479
Khoury, B.V. Physics and politics 8-62033
Khovansky, V.D. see Asratyan, A.E. 8-62389
Khoze, V.A. see Ioffe, B.L. 8-58194
Khramov, A.S. see Bashkironov, Sh.Sh. 8-76362
Khramov, R.N., Krinskii, V.I. Steady speeds of spread of the stable and unstable impulses, dependence on ionic currents of the membrane 8-53382
Khramov, V.Yu. see Vyatskin, A.Ya. 8-71777, 8-88387
Khrantsov, V.A. see Baranov, P.G. 8-91933
Khrantsova, V.I. see Shklyarevskii, I.N. 8-71227
Khrapak, A.G. see Iakubov, I.T. 8-55258
Khrapkov, A.A., Trapesnikov, L.P., Geinats, G.S., Paschenko, V.I., Pak, A.P. The application of fracture mechanics to the investigation of cracking in massive concrete construction elements of dams 8-76766
Khrapov, A.Ya. see Krechman, A.F. 8-56663
Khrapovitskii, V.P. see Konev, S.F. 8-90209
Khrēbtishchev, V.F., Savorovskii, N.S. Effect of surface flaws in thin-walled cylinders 8-72962
Khreктоonov, O.P. see Andreyev, P.A. 8-94557
Khrenova, G.P. see Pan'kova, L.M. 8-61109
Khrienko, A.F. see Fedorchenko, I.M. 8-64507
Khrilovich, I.B. see Flambaum, V.V. 8-78825
Khrilovich, I.B. see Novikov, V.N. 8-82805
Khrilovich, I.B. see Sushkov, O.P. 8-78648
Khripunov, A.D. see Burka, A.L. 8-90670
Khrisostomov, F.A. see Zinenko, Zh.A. 8-83391
Khristenko, E.V. see Dmitriev, V.M. 8-95394
Khristenko, E.V. see Solov'ev, A.L. 8-52158
Khristenko, I.N. Temperature dependence of the yield stress 8-56691
Khristenko, I.N., Tomenko, Yu.S. Variation in the flow stress of a low-carbon steel after unloading 8-76703
Khristenko, P.I. Reuse of power plutonium and uranium and neutron regeneration in a thermal reactor 8-82421
Khristiansen, G.B. see Kalmykov, N.N. 8-78231, 8-89026
Khrstich, E.E. see Garibin, E.A. 8-71167
Khrstinino, G.N., Balabukha, D.K., Vilenskii, Yu.B. Colorimetric evaluation of the colour separation of photographic materials 8-49926
Khrstoforov, G.N., Zapevalov, A.S. Wave components of spectrum of temperature fluctuations in the sea upper layer 8-53655
Khrstov, G.P. see Kiselevskii, V.G. 8-85098
Khrstov, Kh.D. see Khristova, M.G. 8-82530
Khrstov, Kh.D. see Minchev, P.M. 8-94840
Khrstov, Kh.D. see Pandev, I.N. 8-78053, 8-82558
Khrstova, E.Kh. see Bilen'kaya, S.I. 8-78190
Khrstova, E.Kh. see Bilen'kii, S.I. 8-89706
Khrstova, M.G., Pandev, Iv.N., Khrstov, Kh.D., Stefanov, S.D., Genov, D.T., Stoeva, L.J. Radiation protection of the γ -irradiation installation GOU-1 at the Institute of Nuclear Research and Nuclear Energetics 8-82530
Khrstova, M.G. see Pandev, I.N. 8-78053, 8-82558
Khrstova, P.Kh. Nonelastic scattering of a positron by an electron in the theory of Weinberg-Salam 8-82194
Khromov, G.S. see Asaad, A.S. 8-61897
Khromov, G.S. see Vladimirov, S.B. 8-93344
Khromykh, A.M. see Nazarenko, M.M. 8-50827
Khrunik, R.A. see Vinokur, B.B. 8-56805
Khrushch, B.I. see Agashkova, N.N. 8-95850
Khrushchev, V.A. see Ishkhanov, B.S. 8-78573
Khrushchev, V.V. Twenty-plet of vector mesons 8-58220
Khrust, Yu.R., Rechanic, A.I., Litinskaya, L.L., Chepsov, S.A. Device for simultaneous cytophotometric and autoradiographic analysis 8-77172
Khrustalev, B.A. see Filimonov, S.S. 8-94574
Khrustalev, V.G. see Zadorozhnyi, V.I. 8-68021
Khubua, D.I. see Bairamov, A.A. 8-78422
Khudaeva, G.B. see Mavashev, Yu.Z. 8-83066
Khudolev, A.V. see Berzhetskii, M.S. 8-59547
Khud'yakov, K.I. see Pimenov, V.N. 8-52826
Khud'yakov, S.V. see Dzhabarov, T.D. 8-91489
Khuen, A. see Doge, G. 8-62884
Khulap, G.S. see Karpel'son, A.E. 8-53127
Khulap, G.S. see Popov, Yu.A. 8-72994
Khulapov, M.S. see Yakubenko, V.G. 8-65409
Khular, E. see Ghatka, A.K. 8-59133
Khulugurov, V.M. see Lobanov, B.D. 8-64394
Khulugurov, V.M. see Parfianovich, I.A. 8-92118
Khumalo, F. see Bourdillon, A.J. 8-88325
Khundzhua, G.G. see Skorokhvatov, N.A. 8-81206
Khurgin, Yu.I., Medvedeva, N.V., Roslyakov, V.Ya. Study of solid-phase enzymatic reactions. II. Chymotrysin hydrolysis of N-succinyl-L-phenylalanine-p-nitroanilide 8-95992
Khuri-Yakub, B.T., Kino, G.S. A new technique for excitation of surface and shear acoustic waves on nonpiezoelectric materials 8-66997
Khuri-Yakub, B.T. see Evans, A.G. 8-67772
Khuri-Yakub, B.T. see Fraser, J. 8-63253
Khurshudyan, M.A. see Azizbekyan, G.V. 8-80550
Khusainov, A.Kh. see Kushniruk, V.F. 8-86745
Khusainov, Kh.Z. see Gaisin, N.K. 8-88209
Khusid, O.S. see Girin, O.B. 8-84082
Khusnetdinov, F.M. see Svetlov, I.L. 8-92282
Khutorskaya, O.E. see Andreeva, E.A. 8-92750
Khuzeev, A. see Bychkov, Yu.I. 8-83629
Khuzeev, A.P. see Bichkov, Yu.I. 8-59545
Khuzeev, A.P. see Bychkov, Yu.I. 8-83630
Khvalebnoy, Yu.P. see Pokrovskii, A.D. 8-70109
Khvalovskii, V.V., Natarovskii, S.N., Naliwaiko, V.I. An optical illuminator with laser as light source 8-79094
Khvalovskii, V.V., Natarovskii, S.N., Naliwaiko, V.I. An illuminator for omnidirectional coherent illumination of an object 8-87122
Khvastunov, V.M. see Nemashkalo, A.A. 8-58264, 8-78349
Khvato, L.A., Kalinin, Yu.S., Simonova, E.Ya., Gerasimov, E.N. The MD-10F automated ferromagnetic probe unit 8-56861
Khvato, L.A., Simonova, E.Ya., Dmitriev, A.A., Kalinin, Yu.S. The MRD-72 magnetoferroprobe rail defectoscope 8-53128
Khvato, L.A., Simonova, E.Ya., Kalinin, Yu.S., Gerasimov, E.N. MF-21F ferromagnetic-probe magnetometer 8-93744
Khvato, L.A. see Klyuev, V.V. 8-53092
Khvostov, Yu.B. see Bolkhovitinov, L.G. 8-83317
Khwaja, F.A., Katsnelson, A.A., Silonov, V.M. Many-electron effects on the characteristics of short-range order in the pseudopotential approximation 8-79954
Khyanni, L.F. see Boyarchuk, M.E. 8-65623
Khydyrov, F.L. Photographic camera for scanning oscillograms of multipulse lightning discharges in time 8-61588
Khyr, V.A., Orlova, N.V., Smirnov, Yu.F., Shirokova, A.A., Shitikova, K.V. Cluster spectroscopic factors in the K-harmonics method 8-62512
Khyuppenen, V.P. see Mikhnov, S.A. 8-74935
Ki, K.K. see Carroll, A.S. 8-89757
Ki Hyun Yoon Electron impact mass spectrometric study of vacuum-deposited nickel and gold films on silicon substrates 8-75957
Ki Tung Lee see Bowman, J.M. 8-68878
Ki-Seon Lee see Byung-Doo Choe 8-52653
Kia, A. see Owen, E.W. 8-51263
Kiang, C.S. see Middleton, P. 8-96256
Kiang, D. see Niegawa, A. 8-93858
Kiang, G.C. see Liu, Y.C. 8-93939
Kiang, T. Kirkwood Gaps and stability of conservative periodic systems 8-65544
Kibalina, N.P. see Gerasimenko, N.N. 8-64093
Kibble, B.P. Realization of the S.I. ohm at NPL 8-89505
Kibblewhite, E.J. see Laing, R.A. 8-54067, 8-77613
Kibler, K.G. see Carter, H.G. 8-67867
Kibler, M., Chatterjee, R. Symmetry adaptation, operator equivalents and magnetic resonance 8-84374
Kibler, M., Chatterjee, R. Symmetry adaptation, operator equivalents and magnetic resonance 8-91924
Kibler, M. see Gacon, J.C. 8-84631
Kidder, H.R. see Allred, J.C. 8-73219
Kidger, M.J. The calculation of the optical transfer function using gaussian quadrature 8-90383
Kidin, I.N., Volkov, V.A., Aliev, A.A., Bikbulatov, I.K., Smirnov, S.N. Wear resistance of boron-chromium and boron-silicon diffusion coatings 8-56823
Kidin, N.I., Makhviladze, G.M. Electrical properties of a diffusion flame of oppositely directed jets 8-56896
Kido, G., Akihiro, M. Techniques for measuring magnetization processes in pulsed ultra-high magnetic fields 8-89509
Kido, G., Miura, N. Elongation of pulsed oscillation of an H_2O laser 8-87039
Kido, G. see Chikazumi, S. 8-52303, 8-93739
Kido, K., Ishigame, M., Abe, M. Super directive spectrum analyzer by use of moving microphones 8-66992
Kido, K. see Hasimoto, T. 8-50426
Kidokoro, T. see Inuma, K. 8-69160
Kidson, C., Heyworth, A. Holocene eustatic sea level change 8-65333
Kidson, G.V. An exact analysis of diffusion coefficients and correlation factors in crystals 8-59968
Kidyarov, B.I., Mitnitskii, P.L. Method for growing lithium iodate crystals from solution under steady conditions 8-72716
Kidyarov, B.I., Nikolaev, I.V. Equipment for static thermal analysis 8-57943
Kidyarov, B.I. see Avdienko, K.I. 8-95575
Kidyarov, B.I. see Marennikov, S.I. 8-76467
Kieda, A., Yano, H. Approximate numerical solutions for two-dimensional potential flow problems 8-79293
Kiefer, J. see Gocke, E. 8-69157
Kiefer, W. see Nitsch, W. 8-62241
Kieffer, H.H. see Booth, M.C. 8-61778
Kieffer, H.H. see Chase, S.C., Jr. 8-57440
Kieffer, R., Wruss, W., Fister, D., Retelsdorf, H. On the rhodium coating of cemented carbides 8-64777
Kieffe, H. see Clouter, M.J. 8-55179
Kieffe, H. see May, W. 8-70180
Kiehl, J.T. see Chylek, P. 8-58913
Kiehn, R.M. A geometric model for supersymmetry 8-54579
Kielanowski, P. see Deshpande, N.G. 8-89646
Kielblock, W. see Hahn, H. 8-75781
Kielczewska, D. see Nowak, R.J. 8-78213
Kielich, S., Manakov, N.L., Ovsinnikov, V.D. Non-linear magneto-electric susceptibilities and laser light intensity dependent Faraday effect in atomic systems 8-59076
Kielich, S. see Manakov, N.L. 8-55142, 8-55143
Kielman-van Luijt, E.C.M., Canters, G.W. Vibronic coupling and a magnetic-field-induced avoided crossing in the $S_2 \leftarrow S_0$ absorption spectrum of palladiumporphyrin 8-84613
Kiely, J. see Babcock, J. 8-68396
Kiely, J. see Bakalyar, D. 8-68421
Kienast, J.-R. see Mevel, C. 8-65304
Kienle, P. see Backe, H. 8-50197
Kienle, P. see Sperr, P. 8-70562
Kienle, P. see Uemura, Y.J. 8-76966

- Kienow, S.**, Naefe, H. Transport of matter by the gas phase during firing and in service in the case of magnesia-chrome bricks 8-80495
- Kienzie-Focacci, M.N.** see Baldi, R. 8-50050, 8-50052
- Kienzie-Focacci, M.N.** see Martin, A.D. 8-50051, 8-50053, 8-82230
- Kiernan, N.S.** Thomas Simpson Evans, 1777-1818 8-89287
- Kiernan, P.M.** see Griffith, W.P. 8-62803
- Kiers, C.Th.**, Vos, A. The nature of the S-S bonds in different compounds. V. The crystal structure of ZnS_2O_4 ·pyridine 8-55847
- Kierzek, J.** see Parus, J. 8-74460
- Kierzek, J.** see Parus, J.L. 8-92575
- Kiesel, W.** see Malissa, H., Jr. 8-77523
- Kiesling, R.A.**, Sullivan, J.J., Santeler, D.J. Precision molecular flow measurement and control for single and multigas systems 8-70135
- Kiess, H.**, Clarke, R. Pyroelectric effect in PTS 8-95554
- Kiester, T.E.** see Nelson, D.A. 8-92639
- Kiewiet De Jonge, J.H.** see Vrcelj, Z. 8-69662, 8-69726
- Kievich, B.** see Seifert, H.J. 8-72766
- Kifer, I.I.** see Sukhorukov, V.V. 8-88607
- Kihara, J.** see Torisaka, Y. 8-84863
- Kihira, Y.** see Kaneko, Y. 8-64827
- Kihlborg, L.** see Hussain, A. 8-68925
- Kihlgren, J.** see Kerek, A. 8-50440
- Kihn, Y.** see Pinna, H. 8-54511
- Kijek, M.** see Scott, M.G. 8-56668
- Kijewski, P.K.**, Bjarnagard, B.E. Correction for beam hardening in computed tomography 8-65125
- Kijima, K.** see Kuzuba, T. 8-80326
- Kikas, J.** Effects of inhomogeneity and site selective impurity-phonon coupling in solid solutions 8-84625
- Kikas, Ya.V.** see Gorokhovskii, A.A. 8-76503
- Kiki, T.** see Osafune, K. 8-90505
- Kikic, I.** see Alessi, P. 8-64875
- Kikillov, Yu.V.** see Apaev, B.A. 8-52827
- Kikkawa, A.** see Sonoda, H. 8-54452
- Kikkawa, S.**, Kondo, F. The investigation of turbulent two dimensional parallel jets 8-51209
- Kiklevich, S.** see Grigor'yants, N.M. 8-59265
- Kiknadze, L.V.**, Mamaladze, Yu.G. Vortex motion in uniformly or nonuniformly rotating helium II 8-87838
- Kiknadze, V.D.** see Chelidze, T.L. 8-53353
- Kiko, J.** see Staudacher, T. 8-77918
- Kikodze, R.O.** see Lashkarev, G.V. 8-84397
- Kikoshiba, K.**, Kajioka, H. Transmission characteristics of multimode W-type optical fiber: experimental study of the effect of the intermediate layer 8-90497
- Kikuchi, A.** see Nosu, S. 8-51594
- Kikuchi, B.** see Nakamura, M. 8-84683
- Kikuchi, H.** see Ikeda, K. 8-72861
- Kikuchi, J.** see Hasebe, N. 8-94171
- Kikuchi, J.** see Kase, M. 8-86555
- Kikuchi, K.**, Miyadai, T., Itoh, H., Fukui, T. Polarized-neutron study of NiS_2 8-80131
- Kikuchi, K.**, Tada, K. Dispersion of the linear electrooptic coefficient and its relation to resonant Raman scattering in ZnSe 8-56459
- Kikuchi, K.** see Miyadai, T. 8-76260
- Kikuchi, M.**, Fukamichi, K., Masumoto, T., Jagielinski, T., Arai, K.I., Tsuya, N. Giant ΔE effect and Elinvar characteristics in amorphous Fe-B binary alloys 8-76291
- Kikuchi, M.**, Kitamura, M., Yusa, H., Horiuchi, S. Removal of radioactive methyl iodide by silver impregnated alumina and zeolite 8-53719
- Kikuchi, M.** see Asakura, Y. 8-58353
- Kikuchi, M.** see Fukamichi, K. 8-91922
- Kikuchi, M.** see Hanasaki, M. 8-75954
- Kikuchi, M.** see Masumoto, H. 8-76684
- Kikuchi, M.** see Miyamoto, H. 8-67717
- Kikuchi, M.** see Uchida, S. 8-74445
- Kikuchi, R.** see Toshioka, K. 8-93885
- Kikuchi, R.** see Whitmore, J. 8-74289
- Kikuchi, S.**, Matsumura, S., Adachi, M. Steady state deformation of Cu-Mn solid solutions at high temperatures 8-52917
- Kikuchi, T.**, Arak, T., Maeda, H., Maekawa, K. Transmission of polar electric fields to the Equator 8-65456
- Kikuchi, T.**, Onishi, I. On the method for evaluating the sensitivity to reheat cracking in the weld zone of steel 8-72855
- Kikuchi, T.**, Onishi, I. Influence of crystal grain size on the sensitivity of welded steel seams to reheating cracking 8-72856
- Kikuchi, T.** see Anzai, I. 8-50409
- Kikuchi, T.** see Derrick, M. 8-82197
- Kikuchi, T.** see Kato, K. 8-79570
- Kikuchi, T.** see Nishida, T. 8-72751
- Kikuchi, Y.**, Daigo, Y., Ohtsubo, A. Local sodium boiling behind local flow blockage in simulated LMFBR fuel subassembly 8-54842
- Kikuchi, Y.**, Haga, K. Transient boiling of sodium in a single-pin geometry under loss-of-flow conditions 8-89933
- Kikuchi, Y.** see Igarasi, S. 8-74428
- Kikukawa, M.**, Jono, M., Tanaka, K., Kondo, Y. Fatigue crack propagation and crack closure behaviour under varying loading conditions 8-68795
- Kikuta, S.**, Takahashi, T., Nakayama, K., Fujii, Y., Hoshino, S. Construction of two crystal component neutron interferometer 8-83654
- Kikuta, S.**, Takahashi, T., Nakayama, K., Fujii, Y., Hoshino, S. Neutron Bragg-case rocking curves from the front and back surfaces of a silicon crystal plate 8-91202
- Kikuta, S.**, Takahashi, T., Tuzi, Y., Fukudome, R. Double-crystal, vacuum X-ray diffractometer 8-49948
- Kikuta, Y.**, Araki, T., Kuroda, T. Analysis of fracture morphology of weld cold cracking in high strength steel 8-52960
- Kiladze, S.V.** see Vanin, A.F. 8-53323
- Kilambi, G.C.**, DuPuy, D.L., Koegler, C.A. uvby analysis of HR 8102 8-53965
- Kilb, B.** see Schader, J. 8-62889
- Kilberg, M.S.**, Neuhaus, O.W. Hormonal control of amino acid transport in the liver of rats exposed to whole-body γ irradiation 8-65099
- Kil'chins'ka, G.A.** Principle of least constraint for generalized thermomechanics 8-59295
- Kil'chitskaya, S.S.** Photoelectric phenomena in metal-semiconductor junctions, allowing for dielectric gap and surface states 8-84299
- Kildal, H.**, Brueck, S.R.J. Efficient third harmonic generation of CO_2 laser radiation in liquid CO_2 - SF_6 mixtures 8-59087
- Kilday, M.V.** see Cases, J.C. 8-80781
- Kil'dishev, V.N.** see Vashkovski, A.V. 8-72242
- Kilebu, M.**, Andersen, O., Hero, H. Hot ductility and fracture mechanisms in a duplex stainless steel 8-60731
- Kilendritskii, D.D.**, Kurik, M.V., Piryatinskii, Yu.P., Slodbyanik, V.V. Effect of an electric field on the fluorescence of impurity anthracene crystals 8-56521
- Killesso, V.S.** see Egorov, B.N. 8-90682
- Kilian, H.G.**, Pietralla, M. Anisotropy of thermal diffusivity of uniaxial stretched polyethylenes 8-75894
- Kilian, H.-G.**, Klattenhoff, D. The quasi-static modulus of partially crystallized copolymers of ethylene at small strains 8-76700
- Kilian, H.-G.** see Meyer, H. 8-75588, 8-75589
- Kilikovskaya, O.A.** see Panferov, V.M. 8-63306
- Kilimann, K.** Lifetime and level shift of bound states in plasma 8-75265
- Kilimann, K.** see Ropke, G. 8-76004
- Kilin, A.A.**, Grekov, V.F. Wear resistance of a TiC-Ni-Mo hard alloy under end-face friction conditions 8-60846
- Kilin, S.F.** see Andreyeshchev, E.A. 8-92124
- Kilin, V.A.** see Cheglov, E.I. 8-74576
- Kilin, V.S.**, Cherednik, E.M., Lebedev, Yu.N., Dergunova, V.S., Ostrovskii, V.S. Oxidation of carbon fibers coated with pyrolytic silicon carbide 8-60857
- Kilius, L.R.** see Sandorfi, A.M. 8-54744
- Kilkenny, D.**, Hilditch, R.W., Penfold, J.E. LB 3459, a short-period eclipsing binary system containing two O-type subdwarfs 8-53987
- Kilkenny, D.** see House, F. 8-81627
- Killat, U.** see Clausen, C. 8-65120
- Killeen, P.G.**, Conaway, J.G. New facilities for calibrating gamma-ray spectrometric logging and surface exploration equipment 8-85706
- Killesreiter, H.** Temperature dependence of sensitized photocurrents between 200 and 293K 8-72205
- Killinbeck, J.** Brillouin-Wigner theory and quasi-bound states 8-70011
- Killingbeck, J.** Radial equation perturbation theory 8-49691
- Killingbeck, J.** Variational principles for E_3 8-58570
- Killingbeck, J.** A polynomial perturbation problem 8-73878
- Killingley, J.S.** see Berger, W.H. 8-53658, 8-65334, 8-73354
- Killion, M.C.** Revised estimate of minimum audible pressure: Where is the 'missing 6 dB'? 8-65040
- Killion, M.C.**, Studebaker, G.A. A-weighted equivalents of permissible ambient noise during audiometric testing 8-69107
- Killpack, T.J.** see Peeples, W.J. 8-85868
- Killworth, P.D.** Coastal upwelling and Kelvin waves with small longshore topography 8-92826
- Killworth, P.D.** see Carmack, E.C. 8-81180
- Kilmer, W.** see Morse, A. 8-92609
- Kil'pio, A.V.**, Malyutin, A.A., Pashinin, P.P., Chevokin, V.K., Shchelev, M.Ya. Measurement of the fluorescence time of plastic scintillators 8-86747
- Kilyachkov, N.N.**, Shevchenko, V.S. Infrared amplitudes of the flares of UV Cet stars 8-93278
- Kim, A.V.** see Gil'denburg, V.B. 8-67512
- Kim, B.**, Shabaik, A.H. High temperature properties and fracture of 4340 alloy steel 8-60821
- Kim, B.** see Tsai, C.S. 8-71233
- Kim, B.F.** see Bohandy, J. 8-60329
- Kim, B.S.** see Eringen, A.C. 8-51125
- Kim, C.H.** see Yoo, K.K. 8-60873
- Kim, C.K.**, Kunz, A.B. Electronic structure of silicon with non-spherical potentials for the two basis atoms 8-72069
- Kim, C.O.** The magnetic field dependence of the magnetic domain in the monocrystalline YFeO_3 8-68337
- Kim, C.S.** Laser diode characterizations for multi-channel applications 8-87165
- Kim, D.J.** An itinerant electron model for ultrasonic propagation and structural instabilities in ferromagnetic metals 8-95508
- Kim, D.M.** see Rabson, T.A. 8-71066, 8-79086
- Kim, H.**, Lange, J. Temperature-dependent EPR for the ferrous impurity in KMgF_2 8-80202
- Kim, H.**, Sasaki, T., Okuno, K. Adsorption of Fe on W 8-91536
- Kim, H.** see Striffler, C.D. 8-83601
- Kim, H.C.**, Ebert, L.J. Axial fatigue failure sequence and mechanisms in unidirectional fiberglass composites 8-68773
- Kim, H.C.** see DiVergilio, W.F. 8-51313
- Kim, H.J.**, Hvelplund, P., Meyer, F.W., Phaneuf, R.A., Stelson, P.H., Bottcher, C. Observation of oscillations in the charge dependence of total electron-capture cross sections 8-66656
- Kim, H.J.**, Phaneuf, R.A., Meyer, F.W., Stelson, P.H. Single electron capture by multiply charged ^{28}Si ions in atomic and molecular hydrogen 8-58812
- Kim, H.J.** see de Lima, E. 8-55090
- Kim, J.**, Davis, R.C., Gambill, W.R., Haselton, H.H. A heat transfer study of water-cooled swirl tubes for neutral beam targets 8-67018
- Kim, J.**, Wheaton, J.H., Schilling, G. A study of two-stage ion-beam optics 8-50418
- Kim, J.** see Gardner, W.L. 8-62660, 8-82075
- Kim, J.** see Wheaton, J.H. 8-87005
- Kim, J.C.** see Del Bianco, W. 8-78395
- Kim, J.E.** Effects of the transition magnetic moment of the neutrino 8-78168
- Kim, J.E.**, Langacker, P., Sarkar, S. Probe of the hadronic neutral current by final-proton polarization 8-82200
- Kim, J.E.**, Segre, G. Possible signals for Higgs meson production in high energy experiments 8-89649
- Kim, J.W.**, Karra, J.S. Electron spin resonance of $\text{Gd}_{1-x}\text{La}_x\text{Pd}_3$ intermetallic compounds 8-68372
- Kim, K.** see Woosley, J.P. 8-86682
- Kim, K.C.**, Griggs, E., Person, W.B. Kilometer-path low-temperature multiple-reflection cell for laser spectroscopy using tunable semiconductor diodes 8-86359
- Kim, K.C.**, Holland, R.F., Filip, H. Infrared spectroscopy in supersonic molecular beams: ν_3 band of SF_6 at $10.6 \mu\text{m}$ 8-66541
- Kim, K.C.** see Person, W.B. 8-94240, 8-94242
- Kim, K.H.** see Eraslan, A.H. 8-96232
- Kim, K.J.**, Schilcher, K. Scaling violation in the infinite-momentum frame 8-70286
- Kim, K.J.**, Schwartz, L.H. On the effects of intercritical tempering on the impact energy of Fe-9Ni-0.1C 8-52861
- Kim, K.J.** see Leap, J.W. 8-90414
- Kim, K.K.**, Koronkevich, M.A., Tomilin, D.D. Cavitation regimes of a hot-water flow in a Laval nozzle 8-75181
- Kim, K.K.**, Mundy, J.N., Puri, S.M. Nondestructive technique for the measurement of fast diffusion 8-54519
- Kim, K.M.**, Witt, A.F., Lichtensteiger, M., Gatos, H.C. Quantitative analysis of the effects of destabilizing vertical thermal gradients on crystal growth and segregation: Ga-doped Ge 8-52659
- Kim, M.**, Shin, K.G., Perry, S. Estimation of cell kinetic parameters from flow microfluorimetry 8-73143
- Kim, M.S.**, Smalley, R.E., Levy, D.H. The optically detected magnetic resonance spectrum of BO_2 in the gas phase 8-82756
- Kim, P.H.** see Suzuki, K. 8-74780
- Kim, P.T.**, Novikov, I.I., Proskurin, V.B. Elasticity moduli of Ti-Mo alloys at low temperatures 8-80574
- Kim, Q.**, Ullman, F.G., Kirby, R.D., Hardy, J.R. Raman-scattering measurements on the effect of uniaxial stress on the ferroelectric transition in $\text{Gd}_2(\text{MoO}_4)_3$ 8-80360
- Kim, R.K.** see Harrington, J.A. 8-66876
- Kim, S.**, Howard, R.E., Beasley, M.R. Thermal stability of superconductors with large surface barriers to flux entry: Superconducting power-line conductors 8-52163
- Kim, S.C.** see Yau, T.M. 8-65080
- Kim, S.H.** Stark shift and line broadening in three-dimensional stochastic fields of a helium plasma 8-50502
- Kim, S.H.** High-frequency Stark effect on optically excited atoms of a plasma in the static magnetic field 8-66505
- Kim, S.H.** see Fisher, E.S. 8-91655

- Kim, S.H.** *see* Turner, L.R. 8-50372
- Kim, S.-H.** *see* Wang, S.-T. 8-62634, 8-62640
- Kim, S.K.** *see* Kawasaki, K. 8-73014
- Kim, S.M.,** Buyers, W.J.L. Vacancy formation energy in iron by positron annihilation 8-51531
- Kim, S.Y.** *see* Choi, S.K. 8-60666
- Kim, V.** *see* Gerasimov, V.P. 8-75306
- Kim, W.H.,** Laird, C. Crack nucleation and stage I propagation in high strain fatigue. I. Microscopic and interferometric observations 8-52936
- Kim, W.H.,** Laird, C. Crack nucleation and stage I propagation in high strain fatigue. II. Mechanism 8-52937
- Kim, W.H.,** Laird, C. The role of cyclic hardening in crack nucleation at high strain amplitude 8-64633
- Kim, Y.C.,** Powers, E.J. Digital bispectral analysis of self-excited fluctuation spectra 8-83550
- Kim, Y.C.** *see* Hackmann, J. 8-59658, 8-94135
- Kim, Y.C.** *see* Reece Roth, J. 8-63548
- Kim, Y.E.** *see* Arenhovel, H. 8-82210
- Kim, Y.-K.** *see* Cheng, K.T. 8-66471
- Kim, Y.S.,** Noz, M.E. Group theory of covariant harmonic oscillators. [Teaching] 8-61970
- Kim, Y.S.,** Noz, M.E. Relativistic harmonic oscillators and hadronic structures in the quantum-mechanics curriculum 8-61971
- Kim Byung Koo** *see* Byung Koo Kim
- Kim Chang Hyo** *see* Chang Hyo Kim
- Kim Dong Hoon** *see* Dong Hoon Kim
- Kim Hi Gyu** *see* Kim Wha Tek 8-51998
- Kim Hong Suk** *see* Hong Suk Kim
- Kim Hyo-Gun** *see* Hyo-Gun Kim
- Kim Jae Hoon** *see* Jae Hoon Kim
- Kim Jaerok** *see* Jaerok Kim
- Kim Key-Soo** *see* Key-Soo Kim
- Kim Kwang Dio** *see* Kosogov, O.V. 8-56225
- Kim Kwang Je** *see* Kwang Je Kim
- Kim Mahn Won** *see* Mahn Won Kim
- Kim Moon-Uhn** *see* Moon-Uhn Kim
- Kim Seong Yun** *see* Seong Yun Kim
- Kim Wha Tek,** Kim Young Ham, Kim Hi Gyu Electrical drift mobility in p-methoxybenzylidene-p-n-butylaniline 8-51998
- Kim Yong-Ki** *see* Yong-Ki Kim
- Kim Young Ham** *see* Kim Wha Tek 8-51998
- Kim Young Hee** *see* Young Hee Kim
- Kim Young Soon** *see* Young Soon Kim
- Kim Young-Won** *see* Young-Won Kim
- Kim Yung Sik** *see* Yung Sik Kim
- Kimball, C.W.** *see* Shenoy, G.K. 8-68112
- Kimball, J.C.** *see* Rajagopal, A.K. 8-56095, 8-60258
- Kimbell, G.H.** *see* Arnold, S.J. 8-50615
- Kimberlin, S.R.,** Chan, P.W., Hazelton, R.C., Yadlowsky, E.J. Laser scattering from dense plasmas 8-67408
- Kimble, H.J.,** Dagenais, M., Mandel, L. Multiatom and transit-time effects on photon-correlation measurements in resonance fluorescence 8-86812
- Kimblin, C.W.** Anode spot ion currents and the interaction with axial magnetic fields 8-75469
- Kimblin, C.W.** *see* Emtage, P.R. 8-75468
- Kimel'te'd, Ja.M.** *see* Bobrov, A.V. 8-78713
- Kimerling, L.C.** *see* Chen, H.S. 8-55983
- Kimhi, D.** *see* Erez, G. 8-66023
- Kimmel, G.** On the $U_3Si(D_2O)_8$ crystallographic type 8-75629
- Kimmich, H.P.** *see* Ysenbrandt, H.J.B. 8-80996
- Kimmich, R.** *see* Voigt, G. 8-72428
- Kimoto, K.** *see* Matsuo, S. 8-52314
- Kimtyts, L.L.** Some aspects of the application of the quasi-lattice theory in molecular spectroscopy 8-76905
- Kimura, H.,** Maeda, H., Ueda, N., Seki, M., Kawamura, H., Yamamoto, S., Nagami, M., Odajima, K., Sengoku, S., Shimomura, Y. Heat flux to the material surfaces in a Tokamak 8-79468
- Kimura, H.,** Uehara, S. Mechanical properties and structures of the heat-treated Zr-Ru and Zr-Pd alloys 8-80571
- Kimura, H.,** Yamaguchi, T., Shiraishi, T., Tsubokawa, M., Teraoka, F. Irradiation effect on the welded part of polyethylene 8-84918
- Kimura, H.** *see* Nagami, M. 8-79411, 8-86685
- Kimura, H.** *see* Odajima, K. 8-75418, 8-86684
- Kimura, H.** *see* Ohasa, K. 8-59691
- Kimura, H.** *see* Ohtsuka, H. 8-91156
- Kimura, H.** *see* Shimoo, T. 8-60662
- Kimura, H.** *see* Sugie, T. 8-63584
- Kimura, I.,** Yonemochi, M. Behavior of two-dimensional water jets sensitive to sound-effects of applied sound on velocity profiles 8-79353
- Kimura, I.** *see* Kobayashi, K. 8-70576
- Kimura, I.** *see* Oka, Y. 8-58327
- Kimura, J.** *see* Miyazaki, K. 8-78439
- Kimura, K.,** Imamura, M. Emission spectra of excitons created in a single crystal of KBr by irradiation of heavy ions at 4.2K 8-76534
- Kimura, K.,** Yamazaki, T., Achiba, Y. He I (584 Å) photoelectron spectra and photoionization cross sections of atomic chlorine and bromine 8-90131
- Kimura, K.** *see* Kishimoto, H. 8-62662
- Kimura, K.** *see* Okada, M. 8-94734
- Kimura, K.** *see* Tachikawa, J. 8-58396
- Kimura, M.** Cordless electrocardiograph and heart rate meter 8-80984
- Kimura, M.,** Konaka, M. A new method for X-ray diffraction by oscillation technique 8-82086
- Kimura, M.** *see* Wada, H. 8-84370
- Kimura, S.** JIS standard of rockwool and glass-wool isolating materials for floating floors 8-59200
- Kimura, S.** *see* Hattori, H. 8-61277
- Kimura, T.,** Fueki, K., Kevan, L. Ground state energy of excess electrons in n-hexane, 2,2,4-trimethylpentane, and tetramethylsilane 8-68976
- Kimura, T.,** Saruwatari, M., Yamada, J., Uehara, S., Miyashita, T. Optical fiber (800-Mbit/sec) transmission experiment at 1.05 μ m 8-83075
- Kimura, T.,** Yamamoto, K., Yugo, S. Humidity-sensitive threshold switching in silver-boron nitride-silicon-aluminum sandwiches 8-88046
- Kimura, T.** *see* Asatani, K. 8-90516
- Kimura, T.** *see* Endo, R. 8-73914
- Kimura, T.** *see* Hirai, T. 8-83238
- Kimura, T.** *see* Jun-Ichi Sakai 8-94437
- Kimura, T.** *see* Kevan, L. 8-72544
- Kimura, T.** *see* Sakai, J. 8-66896, 8-90499
- Kimura, W.D.,** Gulacsik, C., Auth, D.C., Silverstein, F.E., Protell, R.L. Use of gas jet appositional pressurization in endoscopic laser photocoagulation 8-53468
- Kimura, Y.,** Umeda, M. Temperature dependence of the electrical resistivity of laves phase compounds $V_2(Hf,Zr)$ 8-76047
- Kimura, Y.** *see* Gotoh, T. 8-61202
- Kimura, Y.** *see* Kishida, K. 8-94069
- Kimura, Y.** *see* Oka, Y. 8-58327
- Kim Wah Wong,** Dhir, V.K., Kastenber, W.E. A mechanistic study of fuel freezing, channel plugging, and continued coolability during fast reactor overpower excursions 8-58371
- Kim-Chue Ng,** Meath, W.J., Allnatt, A.R. A simple reliable approximation for isotropic intermolecular forces. A critical test using $H-H(\Sigma_u^+)$ as a model 8-78771
- Kim-Ping Wong** *see* Allen, S.H. 8-96003
- Kinard, J.R.** Measurement of DC defibrillator delivered energy 8-61281
- Kinase, W.** Theoretical treatment of electrooptic effect 8-76427
- Kinbara, A.** *see* Baba, S. 8-72729
- Kincaid, B.M.,** Meixner, A.E., Platzman, P.M. Carbon K-edge in graphite measured using electron energy-loss spectroscopy 8-56551
- Kincaid, B.M.** *see* Eisenberger, P. 8-68989
- Kincaid, B.M.** *see* Hastings, J.B. 8-62278
- Kincaid, J.R.** *see* Anderson, J.L. 8-76832
- Kind, R.** Steady state NQR-spectroscopy in solids 8-76349
- Kind, R.,** Muller, G. The structure of the outer core from SKS amplitudes and travel times 8-65208
- Kind, R.,** Plesko, S., Roos, J. Structural phase transitions in the perovskite-type layer compound $NH_4(CH_3)_2NH_2MnCl_4$ 8-63855
- Kind, R.** *see* Plesko, S. 8-83943
- Kindel, E.,** Arndt, R. Determination of wall charges in external electrode gas discharges 8-67487
- Kinder, H.** *see* Weber, J. 8-63923
- Kindl, P.,** Spreizer, H., Schneider, G. Dosimetry in examinations carried out with the Mammat 8-73245
- Kindleben, G.,** Elze, Th.W. B(E2)-values of even-A nuclei with 82 neutrons 8-66296
- Kindler, W.,** Wuster, G., Rau, H. Equation of state for the vapour of concentrated and diluted hydrochloric acid 8-79402
- Kindlmann, P.J.** *see* Stafford, R.G. 8-69532
- Kinell, T.** *see* Ebbjso, I. 8-71667
- Kinerling, L.C.** *see* Celler, G.K. 8-55810
- Kinet, P.** *see* Ausloos, M. 8-52268
- King, A.** Time stood still, or so we thought. An introduction to the strobescope 8-55453
- King, A.D., Jr.** *see* Jho, C. 8-56024
- King, A.I.** *see* Hakim, N.S. 8-92591
- King, A.R.** *see* Panepucci, H. 8-68543
- King, A.R.** *see* Vernon, S.P. 8-52257
- King, C.H.,** Crawley, G.M., Nolen, J.A., Jr., Finck, J. Extraction of deformation parameters from inelastic proton scattering 8-54755
- King, D.A.** *see* Shigeishi, R.A. 8-76468
- King, D.J.** *see* Smith, F.G. 8-93292
- King, D.L.,** Rodriguez, J.M., Setser, D.W. Lifetimes and two-body rate constants of $Ar^*(4p)$ and $Ar^*(5p)$ states 8-63058
- King, D.S.,** Schenck, P.K. Optogalvanic spectroscopy 8-62231
- King, D.S.,** Sims, K.P. Occultations observed at Sydney Observatory during 1974-1976 8-69658
- King, D.S.** *see* Cox, A.N. 8-93261
- King, D.S.** *see* Schenck, P.K. 8-95977
- King, D.S.** *see* Stephenson, J.C. 8-92491
- King, E.I.** *see* Heck, F.M. 8-58495
- King, F.W.** Inverse first moment for the weighted magnetoreflexion 8-76436
- King, F.W.** Analysis of optical data by the conjugate Fourier-series approach 8-90378
- King, G.B.** *see* Ho, J.C. 8-83966
- King, G.C.,** McConkey, J.W. Electron energy-loss spectroscopy in the chloro-fluoromethanes 8-58846
- King, G.C.** *see* Cvejanovic, D. 8-50594
- King, G.C.P.** Geological faults: fracture, creep and strain 8-69345
- King, G.C.P.** *see* Horsfall, J.A.C. 8-81440
- King, G.D.** *see* Lovett, D.R. 8-86086
- King, G.W.,** McFadden, R.G. Energy levels of iodine monochloride near the first dissociation limit 8-90246
- King, G.W.,** Van Putten, A.A.G. Diethynylbenzenes: The vibrational spectra of some deuterated isomers 8-58705
- King, G.W.** *see* Raj, R. 8-84927
- King, H.** *see* Finger, L.W. 8-67610
- King, H.F.** *see* Dupuis, M. 8-66463
- King, H.T.** *see* Benczer-Koller, N. 8-54682
- King, H.T.** *see* Hass, M. 8-66202
- King, I.P.,** Norton, W.R. Recent application of RMA's finite element models for two dimensional hydrodynamics and water quality 8-92877
- King, I.P.** *see* Baca, R.G. 8-92868
- King, I.R.** Surface photometry of elliptical galaxies 8-57625
- King, J.** *see* Ackerhalt, J.R. 8-90161
- King, J.D.** *see* McDowell, R.S. 8-90162
- King, J.E.,** Smith, R.F., Knott, J.F. Toughness variations during the tempering of a plain carbon, martensitic steel 8-60812
- King, J.E.** *see* Curry, D.A. 8-52990
- King, J.G.** *see* Dylla, H.F. 8-63934
- King, J.S.** *see* Berliner, R. 8-70692
- King, K.J.** *see* Furniss, I. 8-85891
- King, L.A.** *see* Hussey, C.L. 8-56939
- King, M.W.** *see* Worek, T.F. 8-53982
- King, N.E.,** Andrews, E.H. Fracture energy of epoxy resins above T_g 8-56743
- King, N.S.P.** *see* Bevington, P.R. 8-78207
- King, N.S.P.** *see* Romero, J.L. 8-50148
- King, P.A.** *see* Tovey, S.N. 8-66147
- King, P.B.** Tectonics of the North American Cordillera near the Fortieth Parallel 8-81138
- King, P.J.** *see* Helme, B.G. 8-68718
- King, R.A.,** Smith, Wm.H. A search for the pure rotational Raman scattering of CH_4 8-86875
- King, R.B.,** Rouvray, D.H. The enumeration of electron-rich and electron-poor polyhedral clusters 8-90057
- King, R.C.,** Qubanchi, A.H.A. The evaluation of weight multiplicities of G_2 8-78105
- King, R.J.,** Thorp, J.M. A study of process variables in the electromagnetic bulging of tubes 8-80582
- King, R.W.,** Counselman, C.C., III, Shapiro, I.I. Universal time; results from lunar laser ranging 8-85854
- King, R.W.P.** Transmission and reception with embedded antennas [biotelemetry] 8-77125
- King, T.A.** *see* Mukhtar, E.S. 8-59000
- King, T.A.** *see* Van Den Boomgaard, T. 8-85206
- King, T.S.** *see* Donnelly, R.G. 8-63915
- King, W.D.** *see* Handsworth, R.J. 8-79087
- King, W.H.** Relative isotope shifts in U I 8-90122
- King, W.L.** *see* Grover, C.G. 8-54489
- King, W.L., Jr.** *see* Fuhs, A.E. 8-63512
- King, W.W.** *see* Aberson, J.A. 8-68806
- King Yen, M.M.,** Chuu, D.S., Han, C.S., Hsieh, S.T. Weak-coupling calculation for high-spin neutron hole excitations in odd-A lead isotopes 8-62475
- King-Hele, D.G.** Methods for predicting satellite orbital lifetimes 8-73605
- King-Sun Fu** *see* Mui, J.K. 8-73281
- Kingham, K.A.** *see* O'Connell, R.W. 8-73760
- Kingman, J.F.C.** The dynamics of neutral mutation 8-86220
- Kingsep, A.S.** *see* Aranchuk, L.E. 8-75386
- Kingsley, R.H.** *see* Schilling, J.-G. 8-96171
- Kingsley, S.A.** Multimode optical fibre phase modulators and discriminators. II. Experiments 8-55449
- Kingsley, S.A.** Fibredyne systems for passive or semipassive fibre-optic sensors 8-71206
- Kingsley, S.A.,** Davies, D.E.N. Multimode optical-fibre phase modulators and discriminators. I. Theory 8-55446
- Kingston, A.E.** *see* Bell, K.L. 8-78816, 8-90265
- Kingston, D.L.** *see* Luciano, M.J. 8-74081
- Kingston-Lee, D.M.** *see* Yates, B. 8-95164, 8-95165
- Kini, U.D.** Homogeneous instabilities in nematic liquid crystals 8-63674
- Kinicki, R.E.** *see* Smith, W.M. 8-81060

- Kink, M.** Hole recombination luminescence in CaS phosphors 8-72576
- Kink, M.F.,** Parts, T.-E.M. Electron-hole recombination processes in crystallophosphors AIIBVI alloyed with elements of groups III and VII 8-76528
- Kinloch, A.J.** see Gedhill, R.A. 8-68783
- Kinman, T.D.** The galaxy NGC 1510 8-81682
- Kinnersley, W.,** Chitre, D.M. Group transformation that generates the Kerr and Tomimatsu-Sato metrics 8-65838
- Kinnersley, W.,** Chitre, D.M. Symmetries of the stationary Einstein-Maxwell field equations. III 8-86206
- Kinnersley, S.R.,** Murrell, J.N., Rodwell, W.R. Collisional quenching of O(¹D) by rare gas atoms 8-66648
- Kinney, J.A.S.,** Hammond, R., Gelfand, R., Clark, J. Visual evoked cortical potentials in men during compression and saturation in He-O₂ equivalent to 400, 800, 1200 and 1600 feet of sea water 8-61173
- Kinney, J.D.** see Barr, W.L. 8-54920
- Kinney, R.A.,** DiRosa, D.A., Garrett, B.J., Grimwood, C. Mississippi River computerized data bank 8-73520
- Kinney, R.B.** Two-dimensional viscous-flow past an airfoil in an unsteady airstream 8-75166
- Kinney, R.B.** see Cielak, Z.M. 8-51169
- Kinniburgh, C.G.,** Pendry, J.B. The phase problem in LEED 8-71647
- Kinnison, W.W.** see Gordon, B.A. 8-82216
- Kino, G.S.** The application of reciprocity theory to scattering of acoustic waves by flaws 8-72941
- Kino, G.S.** see Desilets, C.S. 8-51029
- Kino, G.S.** see Evans, A.G. 8-67772
- Kino, G.S.** see Fraser, J. 8-63253
- Kino, G.S.** see Grant, P.M. 8-87208
- Kino, G.S.** see Khuri-Yakub, B.T. 8-66997
- Kino, T.,** Kabemoto, S. Resistometric study of lattice defects 8-59799
- Kinoshita, C.,** Kutsuwada, M., Shinohara, M. Problems in conventional method for determining vacancy formation energies in concentrated alloys 8-63756
- Kinoshita, C.** see Eguchi, T. 8-55867
- Kinoshita, H.** A note on the averaging method 8-77469
- Kinoshita, H.** see deV. Klein, G. 8-65256
- Kinoshita, H.** see Jinno, K. 8-76777
- Kinoshita, H.** see Kozai, Y. 8-95726
- Kinoshita, K.,** Egashira, K. Optical fiber end preparation using a CO₂ laser 8-55478
- Kinoshita, K.,** Satz, H., Schildknecht, D. Lepton pair production in hadron collisions 8-66138
- Kinoshita, K.,** Sim, J.W., Ackerman, J.P. Preparation and characterisation of lithium aluminate [fuel cell electrolyte matrix] 8-80488
- Kinoshita, M.** see Omori, S. 8-95721
- Kinoshita, M.** see Yagi, M. 8-62839
- Kinoshita, N.** see Mura, T. 8-83808
- Kinoshita, S.,** Yamaguchi, S., Izumi, R. A study on the turbulent mixing of a co-axial round jet considering the variation of the eddy Reynolds number 8-75179
- Kinoshita, S.,** Yamaguchi, S., Izumi, R. An experimental study on the turbulence characteristics of a coaxial round jet 8-87372
- Kinoshita, T.** see Eichten, E. 8-78143
- Kinoshita, T.** see Mitushima, Y. 8-88365
- Kinosita, K.** Mechanical properties of vacuum-deposited films: a commentary 8-75968
- Kinosita, K.** see Nishibori, M. 8-53161
- Kinosita, K.** see Tazaki, M. 8-79910
- Kinosita, S.,** Fukuda, M., Inoue, M., Takeda, K. On the perennially frozen ground under a cold storage 8-88834
- Kinosita, S.,** Suzuki, Y., Horiguchi, K., Fukuda, M., Inoue, M., Takeda, K. Frost heave in Tomakomai (1976-1977) 8-92860
- Kinsella, I.A.,** Hannaidh, P.B.O. Simulation of the effects of random measurement errors [teaching] 8-86062
- Kinsey, J.L.** see Phillips, W.D. 8-94309
- Kinshofer, G.** see Aulich, H. 8-63211
- Kinsman, K.R.,** Shinozaki, S. An uncommon mode of morphological development among coherent phases (SiC) 8-80544
- Kinsman, K.R.** see Govila, R.K. 8-95797
- Kinsman, K.R.** see Shinozaki, S. 8-51492
- Kinsner, W.,** Mikhail, S.H. Stability of magnetic bubbles in ion implanted channels 8-68320
- Kinson, J.B.** see Baubillier, M. 8-93877
- Kinson, J.B.** see Emms, M.J. 8-89734
- Kint, S.,** Scherer, J.R. Intermolecular coupling in liquid water 8-90169
- Kintner, E.** see Wielichow, E.P. 8-54876
- Kintner, E.C.** Method for the calculation of partially coherent imagery 8-90373
- Kintner, P.M.,** Cahill, L.J., Jr. Electric field oscillations measured near an auroral arc 8-65457
- Kinyapin, Yu.A.** see Vasil'ev, A.P. 8-49930
- Kinzel, W.** Critical dynamics by real-space renormalisation group 8-49785
- Kinzel, W.,** Fischer, K.H. Existence of a phase transition in spin glasses? 8-56327
- Kinzer, R.L.,** Johnson, W.N., Kurfess, J.D. A balloon observation of the diffuse cosmic X-radiation above 20 keV 8-54096
- Kinzhalov, V.V.,** Zalutskii, I.I., Bondarev, B.I., Letkova, O.V. Investigation of the system Mg-Al-Ti and Mg-Al-Pb 8-80516
- Kiparenko, V.I.** see Ivlev, A.I. 8-89421
- Kiparisov, S.S.,** Andryushin, A.I., Kuznetsov, S.A., Kozlov, V.G., Belyakov, A.I. Sintering kinetics of Eu₂O₃ 8-52731
- Kiparisov, S.S.,** Narva, V.K., Loshkareva, N.S., Titov, A.V. Reaction of titanium carbide with steel during sintering 8-60617
- Kiparisov, S.S.,** Panov, V.S., Tret'yakov, V.I., Smirnova, M.M. Effect of titanium carbide additions on the milling, pressing, and sintering of tungsten-molybdenum-vanadium steel powder 8-60607
- Kipen, A.A.** see Brodin, M.S. 8-59012, 8-74913
- Kiperman, M.G.,** Erofeeva, L.E. Determination of phosphorus and arsenic in complex ores 8-61103
- Kipnis, B.A.,** Dunavetskii, L.D., Voronetskii, I.Ya., Bondarchuk, P.M. Stable semiconductor gigahomometer with controllable threshold sensitivity 8-74024
- Kipp, S.L.,** Breakiron, L.A., Russell, J.L., Stein, J.W. Astrometric studies of 45 Tauri, 97 Tauri, 102 Tauri, 31 σ^2 Cygni, and selected stars in those regions 8-69779
- Kipp, S.L.** see Russell, J.L. 8-53923
- Kipp, W.-U.** see Kopp, H. 8-80703
- Kippenberg, H.** see Hassler, H. 8-64508
- Kippenhahn, R.** Models of radiation-driven outflow [from quasars] 8-57687
- Kipper, M.A.** see Boyarchuk, M.E. 8-65623
- Kipper, T.A.** Spectrum of FG Sge in 1977 8-93281
- Kipper, T.A.** The TiO absorption bands in red-giant spectra 8-96480
- Kirakossyan, A.A.,** Kechechyan, K.O. Interdislocation interaction on account of carriers bound with dislocations 8-75670
- Kirakossyan, A.A.** see Kechechyan, K.O. 8-72111
- Kirakosyan, A.A.,** Lantov, Kh. Wannier-Mott exciton scattering by phonons in thin semiconductor wires 8-72074
- Kirakosyan, A.A.,** Lantov, Kh. The decay of Wannier-Mott exciton on phonons in thin semiconductor wires 8-72075
- Kirakosyan, R.M.** see Mingaliev, M.G. 8-61927
- Kiral, E.** see Ersoy, Y. 8-77713
- Kiral, E.** see Smith, G.F. 8-89337
- Kiraly, P.** see Janossy, L. 8-65793
- Kiralyhidi, L.** see Pasztor, E. 8-50427
- Kirby, C.,** Korot, H.W., Westwood, N.P.C. Detection of chlorothioribine, ClB=S, a new unstable triatomic molecule, by photoelectron and microwave spectroscopy 8-90214
- Kirby, C.,** Kroto, H.W. Microwave and photoelectron study of cis- and trans-isocyanato ethene, CH₂=CHNCO (vinyl isocyanate) 8-70819
- Kirby, G.W.** see Dickinson, R. 8-94238
- Kirby, J.A.,** Jaklevic, J.M., Kafka, N., Klein, M.P., Robertson, A.S., Smith, J.P., Thompson, A.C., Walker, T.P. Fluorescent EXAFS data collection using solid state detectors 8-66595
- Kirby, K.,** Dalgarno, A. NaH and LiH in diffuse interstellar clouds 8-93361
- Kirby, K.,** Liu, B. Theoretical study of molecular dipole moment functions. II. The d³ Δ and a³ Σ^+ states of CO 8-78636
- Kirby, R.D.** see Kim, Q. 8-80360
- Kirby-Docken, K.,** Liu, B. Absorption oscillator strengths for vibration-rotation transitions of ground-state CO 8-62846
- Kirchanov, V.S.,** Dresvyankin, B.V., Grechishkin, V.S. Possible absorption at combination frequencies in NQR 8-64295
- Kirchanov, V.S.** see Nevolin, V.G. 8-67209
- Kircher, J.F.** see Barnes, R.H. 8-56923
- Kircher, M.** see Leland, W.T. 8-55382
- Kircher, M.J.** see Riepe, K.B. 8-55303
- Kircheva, P.P.** see Angelov, D.A. 8-55350
- Kirchgraber, G.,** Epperson, J.E., Gerold, V. Interaction between vacancies and tin atoms in the aluminium lattice 8-83846
- Kirchheim, R.,** Goto, S. Electrotransport of oxygen in α -hafnium and electrotransport and diffusion of tantalum in β -hafnium 8-87826
- Kirchheim, R.** see Goto, S. 8-76055
- Kirchheim, R.** see Mathuni, J. 8-83995
- Kirchhoff, V.W.J.H.** see Beer, T. 8-96344
- Kirchhoff, V.W.J.H.** see Clemesha, B.R. 8-88961
- Kirchhoff, W.H. (editor)** Proceedings of the 8th Materials Research Symposium 8-69504
- Kirchmayr, H.** Magnetic properties of rare-earth intermetallics 8-84380
- Kirchmayr, H.R.,** Poldy, C.A. Magnetism in rare earth-3d intermetallics 8-52231
- Kirchner, H.O.K.,** Mellor, B.G., Chadwick, G.A. A calorimetric determination of the interfacial enthalpy of Cu-In and Cu-Al lamellar eutectoids 8-60668
- Kirchner, H.O.K.** see Korner, A. 8-71735
- Kirchner, H.P.** The strain intensity criterion for crack branching in ceramics 8-55592
- Kirchner, H.P.** Analysis of localized impact damage in biaxially stressed glass plates 8-68772
- Kirchner, H.P.,** Gruver, R.M. The effect of localized damage on energy losses during impact 8-52973
- Kirchner, H.P.,** Gruver, R.M. Localized impact damage in stressed Al₂O₃ and Si₃N₄ 8-72846
- Kirchner, H.P.,** Gruver, R.M. Branching of Hertz cracks 8-72887
- Kirchner, H.P.** see Marshall, D.B. 8-76731
- Kirchner, M.** Holographic experiments with the boundary diffraction wave 8-63041
- Kirchner, R.** Plasma and beam characteristics of FEBIAD—a low-intensity, high-efficiency ion source 8-66002
- Kirchner, R.,** Piotrowski, A. Thermal ionization in a hot cavity 8-70677
- Kirchner, R.F.** see Loew, G.H. 8-53324
- Kircos, L.T.,** Leonard, P.F., Keyes, J.W., Jr. An optimised collimator for single-photon computed tomography with a scintillation camera 8-77106
- Kirczenov, G.,** Singwi, K.S. Phase separation of the electron-hole drop in (111)-stressed Ge 8-84145
- Kirdjashv, K.P.** Conversion of plasma waves into electromagnetic radiation in a non-equilibrium plasma flow 8-75281
- Kireenko, O.F.** see Regel', V.R. 8-68753
- Kireev, P.S.** see Kornitskii, A.G. 8-52544
- Kireev, V.A.** see Belozero, L.G. 8-67057
- Kirejeva, S.I.,** Konevskij, V.S., Litvinov, L.A., Kvapil, J., Kvapil, Jos., Perner, B. Influence of annealing at the temperature near to the melting point on the properties of ruby single crystals grown by the Czochralski method 8-90419
- Kireyev, Yu.N.** see Bronnikov, K.A. 8-77576
- Kiri, M.** see Yumura, S. 8-88685
- Kirichenko, A.P.** see Rubtsov, V.N. 8-87115
- Kirichenko, N.A.,** Blinov, L.M. The transferred charge state and optical spectra in the condensed phase 8-84607
- Kirichenko, N.I.** see Borisova, E.A. 8-56671
- Kirichenko, O.V.,** Peschanskii, V.G., Savel'eva, S.N. On oscillation kinetic effects in thin conductors 8-52104
- Kirichenko, V.F.** see Gubenkov, A.N. 8-90621
- Kirichenko, V.N.** see Bereznoi, V.M. 8-83497
- Kirichenko, V.N.** see Chernyi, S.S. 8-70650
- Kirichenko, Yu.A.** see Verkin, B.I. 8-94538
- Kirichkov, S.E.** Numerical experiments with a model of the zonal atmospheric circulation 8-81295
- Kirichok, I.F.,** Karnaukhov, V.G. The thermally stressed state of viscoelastic bodies with properties dependent upon unsteady temperature 8-83229
- Kirichok, P.P.,** Antoshchuk, A.I. Controlling the properties of magnesium ferrite by doping with Al³⁺, Cr³⁺, Sc³⁺, and In³⁺ ions 8-52305
- Kirichok, P.P.** see Karal'nik, S.M. 8-64299
- Kirihara, T.** see Nakae, N. 8-52020, 8-67740
- Kirik, S.D.** see Fedorov, V.E. 8-64359
- Kirilenko, T.V.** see Pukhov, I.K. 8-68290
- Kirillov, A.A.** Ice forecasts for the Arctic seas and their practical applications 8-96230
- Kirillov, I.R.** see Andreev, A.M. 8-94839
- Kirillov, I.R.** see Vitkovskii, I.V. 8-75229
- Kirillov, K.I.** see Magdenko, A.N. 8-56799
- Kirillov, N.I.,** Lyubimov, E.M. Holographic photomaterials with a mirror layer 8-55325
- Kirillov, P.L.,** Smogalev, I.P., Suvorov, M.Ya., Shumskii, R.V., Shtern, Yu.Yu. Calculating the hydraulic losses in an adiabatic high-pressure steam-water flow 8-87384
- Kirillov, P.L.,** Smogalev, I.P., Suvorov, M.Ya., Shumskii, R.V., Stein, Yu.Yu. Investigation of steam-water flow characteristics at high pressures 8-94805
- Kirillov, S.A.,** Belen'kaya, E.N. Temperature dependence of the ν_1 Raman linewidth and reorientation of nitrate ions in the crystal structure of sodium nitrate 8-72522
- Kirillov, S.A.,** Delimarskii, J.K., Horlbeck, W. Temperature dependence of Raman spectral lines for crystalline sodium rhodanides and the disorientation mechanism of rhodanide ions [SCN⁻] 8-52514
- Kirillov, S.A.** see Gadzhiev, A.Z. 8-90228
- Kirillov, S.A.** see Snezhkov, V.I. 8-84578
- Kirillov, S.E.,** Obnovlenskii, P.A., Sokolov, G.A. Application of thermal markers to measurement of the velocity fields of a liquid flow 8-91036
- Kirillov, V.I.,** Pribylov, N.N., Rembeza, S.I. Profile of impurity optical absorption bands of gallium arsenide and phosphide doped with iron during growth 8-56509
- Kirillov, Yu.V.** see Gaiducheny, V.F. 8-56698
- Kirilova, L.G.** see Prikhod'ko, V.N. 8-53075
- Kirilova, M.P.** see Chechekin, Yu.F. 8-95756
- Kirilova, N.N.** see Volkova, G.A. 8-93688
- Kirilov, A.E.** see Elaev, V.F. 8-71092

- Kirimoto, T.** see Satomura, Y. 8-74999
- Kirin, D.** Lattice vibrations of crystalline furane 8-79694
- Kirin, D.** see Colombo, L. 8-64356
- Kiritani, S.** Perturbations of the consonant and vowel articulation by the adjacent segments 8-92655
- Kiriyakov, V.F.** Application of a piezoelectric transducer with an oblique-bottom immersion chamber 8-53111
- Kiriyakov, V.F.** Application of a combination dual-mode transducer and liquid acoustic line for the testing of bulky objects with an irregular surface 8-56855
- Kiriyama, S.** see Kawabe, Y. 8-64792
- Kirkkhin, Yu.I.** see Bagdasaryan, Kh.S. 8-80763
- Kirk, H.G.**, Sixel, P., Schulte, R., Bottcher, H., Klein, M., Lanius, K., Nahnauer, R., Nowak, S., Bockmann, K., Holt, K.V., Counihan, M.J., Hodous, M.F., Morrison, D.R.O., Gula, A., Kiselevska, D., Leitner, E., Stiewe, J., Szeptycka, M., Wroblewski, A.K. Pion diffraction dissociation into five pions at 16 GeV/c 8-82252
- Kirk, H.G.** see Baltay, C. 8-70354
- Kirk, H.G.** see Bartke, J. 8-66169
- Kirk, H.G.** see Cnops, A.M. 8-78167
- Kirk, H.G.** see Kalekar, M. 8-89700
- Kirk, J.** On companions and comets 8-81567
- Kirk, J.G.**, ter Haar, D. Spectra and microstructure of pulsar signals in a relativistic electron beam model 8-65639
- Kirk, J.N.**, Munro, M., Beaumont, P.W.R. The fracture energy of hybrid carbon and glass fibre composites 8-95801
- Kirk, T.B.W.** see Gordon, B.A. 8-82216
- Kirk, W.P.**, Twerdochlib, M. Improved method for minimizing vibrational motion transmitted by pumping lines 8-74010
- Kirk, W.P.** see Twerdochlib, M. 8-67878
- Kirk, W.T.** see Perl, M.L. 8-58222
- Kirkaldy, J.S.**, Baganis, E.A. Thermodynamic prediction of the A_2 temperature of steels with additions of Mn, Si, Ni, Cr, Mo, Cu 8-64524
- Kirkbright, G.F.** see Adams, M.J. 8-87085
- Kirkby, C.J.** Real-time coherent optical processing using photochromic films 8-50876
- Kirkby, J.** see Bacino, W. 8-70351
- Kirkby, J.** see Slater, W.E. 8-86729
- Kirkegaard, A.G.** see Murray, C.G. 8-96213
- Kirkham, J.E.** Parametric representation of the equation of state of a Heisenberg system in the critical region 8-79741
- Kirkpatrick, A.R.** see Lau, S.S. 8-84079
- Kirkpatrick, S.** The geometry of the percolation threshold 8-56117
- Kirkpatrick, S.**, Sherrington, D. Infinite-ranged models of spin-glasses 8-80166
- Kirkpatrick, S.** see McGuire, T.R. 8-68234
- Kirkwood, S.C.** The significance of isotropic inversion of anisotropic surface-wave dispersion 8-96156
- Kirmaier, N.** Analysis of pathological lung gases by special redox gas sensors 8-85440
- Kirmaier, N.** see Anschütz, A. 8-85412
- Kirn, F.S.** see Lambert, J.D.B. 8-70588
- Kirn, M.** see Gunsler, B. 8-85094
- Kirnos, A.N.** see Grishin, S.F. 8-86282
- Kirov, A.G.**, Voytenko, D.A., Zagorin, G.K., Medoon, V.D. High density electrode discharge in a very strong magnetic field 8-75478
- Kirov, A.G.** see Demirkhanov, R.A. 8-75474
- Kirov, K.I.**, Georgiev, S.S., Gerova, E.V., Aleksandrova, S.P. Investigation of SiO_2 layers deposited by plasma decomposition of tetraethoxy silane in a planar reactor 8-88430
- Kirov, K.I.**, Georgiev, S.S., Ivanov, N.A., Minchev, G.M. The characteristics of a modified planar-magnetron sputtering source 8-95693
- Kirov, N.**, Simova, P., Ratajczak, H. Influence of a.c. electric field on IR spectra of some nematic liquid crystals with positive and negative dielectric anisotropy 8-64355
- Kirov, N.** see Simova, P. 8-75545
- Kirov, S.A.**, Pil'shchikov, A.I. Distribution of the magnetization in magnetostatic oscillations in samples having a domain structure 8-68293
- Kirova, N.N.** see Eleonskii, V.M. 8-60276, 8-88102
- Kirpatiy, V.A.** see Romanchenko, V.I. 8-84943
- Kirpichnikov, A.P.**, Yusupov, I.U. Non-linear theory of Landau magnetic damping 8-71486
- Kirpichnikov, V.Yu.** see Evseev, V.N. 8-50998
- Kirsch, G.E.**, Narahashi, T. 3,4-diaminopyridine. A potent new potassium channel blocker 8-69028
- Kirsch, L.** see Katsofif, E. 8-82234
- Kirsch, L.E.** see Jacobs, S.M. 8-58197
- Kirsch, R.** An automated FSA ellipsometer system for in situ investigations 8-49886
- Kirschenhofer, G.** see Weber, H.W. 8-80105
- Kirschner, J.**, Feder, R. Experimental and theoretical LEED spectra from W (001). 8-84039
- Kirschner, J.** see Losch, W. 8-95212
- Kirschner, S.M.**, Le Roy, R.J. On the application, breakdown, and near-dissociation behavior of the higher-order JWKB quantization condition 8-58571
- Kirscht, F.-G.**, Doerschel, J., Hansch, C. Some observations concerning the initial stage of plastic flow in silicon 8-64602
- Kirscht, F.-G.**, Hansch, C., Doerschel, J. X-ray topographical study of plastically deformed Si monocrystals 8-59813
- Kirscht, F.-G.**, Hansch, C., Doerschel, J. Dislocation reactions in plastically deformed silicon observed by X-ray topography 8-75691
- Kirshnan, R.** see Visnovsky, S. 8-68485
- Kirshner, R.P.**, Chevalier, R.A. The spectrum of Tycho's supernova remnant 8-73747
- Kirshner, R.P.**, Fesen, R.A. The spectrum of 3C 58 8-93375
- Kirson, M.W.** Model dependence of energy-weighted sum rules 8-66241
- Kirson, M.W.**, Starkand, Y. Centre-of-mass motion and microscopic nuclear effective interactions 8-82292
- Kirson, Ya.E.** Phonon drag and phonon-electron interaction in n-SiC (6H) crystals 8-79701
- Kirson, Ya.E.**, Klotyn'sh, E.E., Paikens, G.R. Anisotropy of thermoelectric power in silicon carbide n-SiC(6H) 8-91710
- Kirson, Ya.E.** see Vasil'chikov, K.H.P. 8-52694
- Kirss, H.** see Mikhelson, V. 8-87782
- Kirst, T.R.** see White, J.O. 8-83045
- Kirste, B.** see Lubitz, W. 8-94266
- Kirstein, W.** see Ege, B. 8-72047
- Kirtley, J.** Theoretical interpretation of IETS data 8-90256
- Kirtley, J.** see Davenport, J.W. 8-90260
- Kiruchi, M.** Mathematical analysis of impulse propagation process in the bladder smooth muscle 8-53359
- Kirvosova, L.F.** see Korotushenko, G.V. 8-80539
- Kiry, F.**, Martinoty, P. Ultrasonic attenuation in CBOA near the nematic-smectic-A transition 8-87773
- Kiry, F.**, Martinoty, P. Dynamic properties near the nematic-smectic-A transition by ultrasonic absorption 8-95137
- Kiryakov, B.S.** see Otupshchennikov, N.F. 8-51642
- Kiryukhin, V.G.**, Paranchikov, L.G., Zhidkov, V.G., Rossov, V.V. Some characteristics of a thermohaline structure of water masses in a vortex formation 8-85592
- Kiryukhin, V.G.** see Zhidkov, V.G. 8-85591
- Kiryushchenko, A.I.** see Andriyakhin, A.M. 8-51386
- Kiryushin, V.V.**, Naletova, V.A. Motions of a cylindrical column and a spherical drop of magnetic fluid in a rotating magnetic field 8-75212
- Kiryushin, Yu.T.** see Belinskaya, G.I. 8-78518
- Kirz, J.** see Bacino, W. 8-70351
- Kiselev, A.A.** Adiabatic perturbation theory in molecular spectroscopy 8-62687
- Kiselev, A.V.**, Petrov, V.A. A spectral representation for inelastic nucleon form-factors 8-93881
- Kiselev, B.A.** see Vol'kenshtein, I.A. 8-89569
- Kiselev, D.F.** see Avakyan, L.P. 8-88267, 8-88268
- Kiselev, M.I.** see Andreev, G.M. 8-77875
- Kiselev, N.A.** see Tsuprun, V.L. 8-96121
- Kiselev, V.B.** see Kutvitskii, V.A. 8-52202
- Kiselev, V.D.** see Ginzburg, S.K. 8-95795
- Kiselev, V.F.** see Kashkarov, P.K. 8-76129
- Kiselev, V.Ya.** see Blinov, V.V. 8-71076
- Kiseleva, E.N.** see Bogdanov, S.V. 8-90623
- Kiseleva, K.V.**, Tur'yanskii, A.G. Concerning the scattering of X-rays by a solid surface 8-83652
- Kiseleva, K.V.** see Turyanskii, A.G. 8-83647
- Kiseleva, M.I.** see Brandt, A.B. 8-69010
- Kiseleva, M.S.**, Reshegikova, I.N., Fedorova, E.O. Experimental profiles of the exponents of attenuation of the atmosphere in the visible and near-infrared regions of the spectrum of altitudes of up to 30 km 8-61558
- Kiseleva, N.E.** see Zakharova, L.M. 8-89309
- Kiselevich, I.L.** see Aleshin, Yu.D. 8-89732
- Kiselevskii, L.I.**, Antonov, G.S. The outflow of laser-produced plasma from thin capillaries 8-75395
- Kiselevskii, L.I.**, Klygin, N.Ya., Soloviyanchik, D.A., Feshchenko, Z.P. Wave structure of an electric discharge cathode zone in the helium flow 8-75475
- Kiselevskii, L.I.** see Golubev, V.S. 8-60534
- Kiselevskii, V.N.**, Lukashev, V.K., Khristov, G.P. An ampoule for inside the reactor investigation of constructional materials for creep and long-term strength in the plane stressed state 8-85098
- Kisel'nik, V.V.** see Vavruk, A.T. 8-49799
- Kiser, R.W.** see Chang-Shi Hwang 8-70102
- Kish, L.** see Szoghy, I.M. 8-57330
- Kishan Rao, K.** Thermal stresses in a solid elastic cone 8-90715
- Kishchenko, G.P.** see Gruzdev, A.D. 8-76995
- Kishi, K.** see Eda, H. 8-84840
- Kishi, T.** see Kuribayashi, K. 8-64592
- Kishi, Y.** see Yazaki, T. 8-94416
- Kishida, K.**, Yamada, N., Sekiya, T., Utsuro, M., Kimura, Y. Analysis of irreversible circulation in reactor noise 8-94069
- Kishida, M.**, Igaki, K. Temperature-gradient focusing chromatography of complex ions of transition metals in aqueous solutions of hydrochloric acid 8-61120
- Kishida, N.** see Toba, Y. 8-82336
- Kishimoto, A.** see Bratteli, O. 8-81916
- Kishimoto, A.** see Ueno, H. 8-95170
- Kishimoto, H.**, Shimada, R., Tamura, S., Itoh, S., Sawada, Y., Takano, H., Furosawa, T., Kimura, K. Flywheel energy storage system for JT-60 toroidal field coil 8-62662
- Kishimoto, I.** see Ohba, K. 8-67295
- Kishimoto, K.** see Aoki, S. 8-55603
- Kishimoto, N.** see Murakami, K. 8-68377
- Kishimoto, S.** Electron acceleration by inhomogeneous radio-frequency field 8-82538
- Kishimoto, S.** see Tanaka, M. 8-93930
- Kishimoto, S.** see Yamagata, T. 8-66190
- Kishimoto, T.** see Ejiri, H. 8-50185, 8-89872, 8-93927
- Kishimoto, T.** see Nakayama, S. 8-89823
- Kishimoto, U.** see Takagi, M. 8-73159
- Kishinevskiy, M.Kh.**, Kornienko, T.S., Loginov, A.V. Investigation of turbulent mass transfer in the viscous sublayer by the electrochemical method 8-83368
- Kishino, S.**, Isomae, S., Tamura, M., Maki, M. Growth behavior of oxidation stacking faults and microdefects in silicon during high-temperature annealing 8-72901
- Kishino, Y.** Statistical consideration on inhomogeneity of mechanical properties of materials 8-67033
- Kishko, S.M.**, Sushanin, I.V., Korol, V.I. Elementary processes in dissociative polyatomic molecules excitation by electron impact 8-62936
- Kishner, S.**, Whitehead, M.A., Gopinathan, M.S. Localized molecular orbitals for N_2O_2 , N_2O_3 , and N_2O_4 8-62726
- Kishner, S.J.** A pulsed-xenon spectrophotometer with parallel wavelength sensing 8-54427
- Kishore, Vasu, K.I.** A study of the deformation slip lines in quenched and aged Al-2% Ge alloy 8-51544
- Kishore, G.S.**, Prasad, K.M.S., Babu, S.V., Subba Rao, V. A chemical CO laser 8-50766
- Kishore, K.** Study of solid state kinetics by differential scanning calorimetry 8-92449
- Kishore, N.**, Gupta, R.C. PMR study of intramolecular reorientations in polycrystalline p-anisidine 8-64279
- Kishore, P.R.**, Rao, N.V.S., Sarma, P.B.K., Raj, T.F.S., Avadhanlu, M.N., Murty, C.R.K. Field and frequency effects in a nematic mixture of negative and positive dielectric anisotropy 8-75542
- Kishore, R.** see Saxena, V.K. 8-52234
- Kisilewska, D.** see Kirk, H.G. 8-82252
- Kisilewska, D.** see Moriyasu, K. 8-66165
- Kisilenko, G.G.** see Kuznetsova, S.I. 8-64220
- Kisilenko, N.G.**, Tarasov, B.V., Varshal, B.G. The dependence of the microbrittleness of flat glass on the concentration of SO_3 8-84960
- Kiskachi, A.Yu.** see Korsukova, M.M. 8-79596
- Kiske, S.** see Vasanta Ram, V. 8-90861
- Kisker, E.** Precision regulator for annealing of polarised-electron field emitters and multiple multichannel analyser based on a microprocessor board 8-86384
- Kiskis, J.** Disconnected gauge groups and the global violation of charge conservation 8-78086
- Kislik, V.S.** The kinetics of helium release from irradiated samples of austenitic steels OKh16N15M3B and OKh16N15M3BR 8-79638
- Kislov, A.M.** see Zhitomirskii, I.S. 8-59279
- Kislovskii, S.F.** see Gorbachev, S.F. 8-74075
- Kislyakov, A.G.** Limiting sensitivity of a modulation radiometer 8-58030
- Kislyi, P.S.**, Storozh, B.D., Verkhovodov, P.A., Gordienko, S.P. Nature of phase bonding in cermet Al_2O_3 -W 8-52745
- Kisman, K.E.**, Eatock, B.C. Single-transducer coupler for diagnostic pulsed Doppler or pulse-echo ultrasonic instrumentation 8-61236
- Kisner, R.A.** see Onega, R.J. 8-58322
- Kispert, L.D.**, Chen, T.C.S., Hill, J.R., Clough, S. ELDOR detection of ENDOR transitions in irradiated organic crystals 8-95531
- Kispert, L.D.** see Kalyanaram, B. 8-73066, 8-76882
- Kiss, G.** see Kulicke, W.M. 8-63520
- Kiss, I.** see Vegh, J. 8-76965
- Kiss, J.** see Ferenczi, G. 8-91758
- Kiss, L.**, Benko, I. Thermogrammetric methods and their applications 8-65924
- Kissel, J.** see Dalmann, B.-K. 8-93112

- Kissel, J. *see* Fechtig, H. 8-57510
 Kissel, J. *see* Pailer, N. 8-93113
 Kissel, L. *see* Pratt, R.H. 8-62920
 Kissel, Ph.P., Renard, C., Meramedjian, H.N.
 Review of the nuclear safety exercises carried out in French industrial facilities 8-55051
 Kissel, Ph.P. *see* Vertut, J. 8-53525
 Kissener, H.R., Dogotar, G.E.,
 Eramzhyan, R.A., Sakaev, R.A. Excitation of magnetic dipole states in $1p$ shell nuclei in radiative pion capture 8-74408
 Kissil', A.E., Lyutyi, E.M., Arakelov, A.G., Maksimovich, G.G., Onisenko, L.P., Tsvikilevich, O.S. The influence of prolonged high-temperature ageing on the creep of a Nb-Zr-C alloy in vacuum 8-56692
 Kissin, Yu.V. *see* Zhorin, V.A. 8-51678
 Kisslinger, L.S. *see* Epstein, G.N. 8-70572
 Kist, R., Agarwal, D.C. An experiment on the interaction of a magnetized sphere with a supersonic plasma flow 8-59608
 Kistemaker, J. Recent research on the possibility of a new type of fission reactor with gaseous fissionable material 8-50249
 Kistemaker, P.G. *see* Posthumus, M.A. 8-92534
 Kister, A.E. *see* Il'icheva, I.A. 8-80827, 8-96000
 Kistner, O.C., Sunyar, A.W., der Mateosian, E. Multiple high-spin band structure in ^{164}Er 8-70429
 Kisun'ko, V.Z. *see* Arkharov, V.I. 8-95172
 Kisynski, J. *see* Nguyen Quang Sinh 8-78435
 Kit, G.S., Krivtsov, M.G. Mixed thermoelasticity problem for a plane with curvilinear cuts 8-90709
 Kita, H. *see* Nagata, I. 8-83910
 Kita, I. *see* Hamatsu, R. 8-66141
 Kita, K., Kiyoshige, M., Tominaga, M., Fujioka, J. Fracture surface in low cycle fatigue of HA-188 cobalt base alloy at high temperature 8-52963
 Kita, K., Tsubota, K., Yamamoto, S. Fracture surface of case-hardened components 8-52949
 Kitabatake, S., Sawada, Y. On the nonlinear profile of the heat pulse in liquid helium II 8-75896
 Kitada, K. Spectrum analyzers: complicated measurements are simplified 8-49861
 Kitada, K., Tanaka, T., Miyashita, F., Miyatani, G., Miyake, T., Kaneko, T. On the formation of chromium carbides from mixture of chromium oxide and graphite in hydrogen atmosphere 8-92225
 Kitade, A., Yoshihara, K. Attainment of the high resolution in the far infrared Fourier spectroscopy 8-86361
 Kitade, S. *see* Mizuno, M. 8-79747
 Kitaev, G.A. *see* Birkle, G.V.B. 8-52542
 Kitaev, Ya.A. *see* Levi, L.I. 8-56933
 Kitaev, Yu.E., Khalifin, V.B. Dispersion characteristics of a distributed-feedback waveguide structure 8-66949
 Kitaeva, G.Kh. *see* Aktsipetrov, O.A. 8-87923
 Kitaeva, V.F. *see* Chisty, I.L. 8-60480, 8-72537
 Kitagaki, T. *see* Whitmore, J. 8-74289
 Kitagaki, T. *see* Yamashita, S. 8-66170
 Kitagawa, H., Fukuda, S., Nishiyama, A. Fatigue crack propagation in steels under random loading 8-76726
 Kitagawa, H., Ishikawa, H. Analytical determination of stress intensity factors of eccentric cracks by variational method 8-67115
 Kitagawa, H., Yuuki, R. Analysis of branched cracks under biaxial stresses 8-67125
 Kitagawa, K. *see* Kawai, M. 8-76096
 Kitagawa, K. *see* Miyamoto, H. 8-88495
 Kitagawa, K. *see* Takahashi, K. 8-56683
 Kitahara, H. *see* Kawaguchi, Y. 8-64135, 8-80062
 Kitahara, N. *see* Yano, H. 8-81818
 Kitahara, Y., Kurokawa, Y., Kurosawa, R. Current status of personal dosimetry and area monitoring for radon and daughter products 8-55044
 Kitai, T. *see* Okuyama, F. 8-52644
 Kitaigorodskaya, G.M. *see* Khodorov, B.I. 8-77027
 Kitaigorodskii, A.I. *see* Abovyan, E.S. 8-79774
 Kitaigorodskii, A.I. *see* Semenovskaya, S.V. 8-95048
 Kitaigorodskii, S.A., Kozhelupova, N.G. On the entrainment rate in the regime of penetrative convection in non-stationary boundary layers of atmosphere and ocean 8-69401
 Kitajima, K., Futagami, K., Kuramoto, E., Abe, H., Tsukuda, N., Akashi, Y., Yoshida, H., Fujita, Y. Application of KUR LINAC to the study of radiation damage in metals 8-71760
 Kitajima, K. *see* Kuramoto, E. 8-88381
 Kitajima, S. The cumulative inhibitory effect of repetitively flashed stimuli on the recovery process of the human visual evoked potential to a test stimulus 8-69048
 Kitamaru, R. *see* Horii, F. 8-71684
 Kitamura, J. *see* Shiba, K. 8-59522
 Kitamura, K., Hirata, M. Turbulent heat and momentum transfer for electrically conducting fluid flowing in two-dimensional channel under transverse magnetic field 8-94848
 Kitamura, K. *see* Masuoka, T. 8-66731
 Kitamura, K. *see* Miyazawa, Y. 8-83760
 Kitamura, M., Kondo, M. Statistical study of Am stars in spectroscopic binary systems 8-93262
 Kitamura, M., Matsubara, K., Oguma, R. Identification of BWR dynamics from autoregressive analysis of multivariable experiments 8-94107
 Kitamura, M. *see* Kikuchi, M. 8-53719
 Kitamura, M. *see* Matsubara, K. 8-94060
 Kitamura, N. *see* Fujiki, H. 8-56581
 Kitamura, N. *see* Tazuke, S. 8-88650
 Kitamura, S. *see* Hamatsu, R. 8-66141
 Kitamura, T. *see* Higashi, S. 8-55081
 Kitani, E.L. *see* Zysin, V.A. 8-59456
 Kitano, T. *see* Kataoka, T. 8-87319
 Kitaoka, Y., Yasuoka, H., Tanaka, T., Ishizawa, Y. Nuclear magnetic resonance of ^{11}B in CrB, 8-56397
 Kitaura, K., Osamura, Y., Nishimoto, K. An ab initio SCF MO CI study of the $n \rightarrow \pi^*$ transition of methylenimine 8-58584
 Kitaura, K. *see* Yamabe, S. 8-58588, 8-74810
 Kitayama, K. *see* Jun-Ichi Sakai 8-94437
 Kitayama, T., Hashimoto, M., Nakahara, S. The refractive-index distribution of LiTaO_3 after surface lapping 8-72479
 Kitazawa, H., Hayase, T., Yamamuro, N. Direct and collective captures of energetic neutrons by ellipsoidally deformed nuclei 8-94001
 Kitazoe, T. *see* Hagiwara, T. 8-70329
 Kitazoe, Y., Sano, M. Hydrodynamical description of a fireball in high-energy heavy-ion collisions 8-58294
 Kitazoe, Y., Sano, M., Yamamoto, K. Hydrodynamical and classical microscopic descriptions of high-energy heavy-ion collisions 8-54791
 Kitazume, H. *see* Yamashita, S. 8-66170
 Kitchen, J.C., Zaneveld, J.R.V., Pak, H. The vertical structure and size distributions of suspended particles off Oregon during the upwelling season 8-85563
 Kitchen, J.E. *see* Hess, R.F. 8-65027
 Kitching, J.E., Batay-Csorba, P.A., Fields, C.A., Ristinen, R.A., Smith, B.L. High spin states in $^{88,87,86}\text{Zr}$ 8-74383
 Kitching, R., Hughes, J.F., Jones, N. Limit loading of cylindrical shells subjected to local circumferential bending moments 8-80581
 Kitching, R. *see* Sanderson, N. 8-90711
 Kitikova, H., Stehlik, M., Dubinsky, J. Scattering of cosmic ray particles of an energy above 1 GeV in the inhomogeneous interplanetary medium 8-61689
 Kitipova, V. *see* Nadjakov, E. 8-54663
 Kito, O. *see* Murakami, M. 8-63514
 Kito, Y. *see* Matsumura, T. 8-87547
 Kitsenko, A.B., Pankratov, I.M. Nonlinear theory of the excitation of monochromatic waves in a magnetoactive plasma by a relativistic beam of charged particles 8-87464
 Kitsunai, Y. Analysis of fatigue fracture features by means of precision matching method 8-52955
 Kitsunezaki, A. *see* Ohtsuka, H. 8-91156
 Kittaka, S., Kanemoto, S. Interaction of water molecules with the surface of tin(IV) oxide 8-56038
 Kittel, C. *see* Manoliu, A. 8-60059
 Kittel, J.H., Beck, W.N., Horak, J.A. Effects of irradiation on thorium alloys for LMFBRS 8-86606
 Kittel, P. *see* Ostermeier, R.M. 8-95198
 Kittel, W. *see* Gavillet, P. 8-70409
 Kittell, R. *see* Rosen, I. 8-53506
 Kittelson, D.B., McKenzie, R., Vermeersch, M., Dorman, F., Pui, D., Linne, M., Liu, B., Whitby, K. Total sulfur aerosol concentration with an electrostatically pulsed flame photometric detector system 8-95975
 Kittelson, D.B. *see* Liu, B.Y.H. 8-96297
 Kittenberger, W. *see* Apel', V.D. 8-78223
 Kittinger, E. *see* Bertagnoli, E. 8-87684
 Kittl, J. *see* Sarce, A. 8-72773
 Kittrell, C. *see* Bernheim, R.A. 8-86882
 Kitzler, J. *see* Scheite, W. 8-72390
 Kiuchi, M. *see* Yoshihara, H. 8-88429
 Kiuttu, G.F. *see* Baker, W.L. 8-94927
 Kiva, V.I., Tsukerman, E.V., Shakhlevich, V.M. Increasing the recording density in holographic microfilming 8-82931
 Kivel, B. Theory for $\text{BCl}_3 + \text{H}_2$ laser induced chemistry 8-76884
 Kivelson, D. *see* Phillips, G.D.J. 8-68524
 Kivelson, M.G. *see* West, H.I., Jr. 8-96353, 8-96354
 Kiveris, A.Yu., Kudzhmauskas, S.P., Pipinis, P.A. Mechanism of electric-field liberation of electrons from traps in ZnS:Pb crystal phosphors 8-72616
 Kiveris, A.Yu., Pipinys, P.A. Effect of an electric field on the conductivity of zinc sulfide single crystals 8-84228
 Kiviniitty, K., Koivisto, E., Puntio, L. Calculated gonadal doses to 78,070 patients 8-53503
 Kivits, P., Wijnakker, M., Claassen, J., Geerts, J. Photoluminescence and photoconductivity measurements on CdGa_2S_4 8-60159
 Kivva, F.V. *see* Dorfman, N.A. 8-65363
 Kivva, F.V. *see* Sinititskiy, V.B. 8-96280
 Kiwi, M., Ramirez, R., Trias, A., Yndurain, F. Effects of overlap and next-nearest-neighbour interactions in tight-binding calculations 8-72059
 Kiwi, M., Ramirez, R., Zuckermann, M.J. The superconducting critical temperature of radiation damaged A-15 compounds 8-76185
 Kixit, L., Kapoor, S.K., Singh, I.D., Gupta, P.L. Infrared spectrum and normal coordinate analysis of tungsten trioxide 8-58682
 Kiyak, S.G. *see* Bobitskiy, Ya.V. 8-52074, 8-56226
 Kiyan, T.S., Gritsyna, V.V., Fogel', Ya.M. On continuous spectra of light emitted by particles ejected by ion beams from metallic targets 8-55140
 Kiyavonovskii, L.Z., Skripnik, Yu.A. Improving the accuracy of measuring devices by using the method of elimination of variable coefficients 8-49789
 Kiyono, M. *see* Yamashita, S. 8-66170
 Kiyose, R. *see* Katoh, N. 8-55043
 Kiyoshige, M. *see* Kita, K. 8-52963
 Kizel', V.A. *see* Dorozhkin, L.M. 8-59078
 Kizukuri, Y., Okano, K., Yamanaka, Y. e^-e^- decay processes of cc bound states in relativistic harmonic oscillator model 8-62393
 Kjaer Andersen, S., Batterman, B.W. Energy analysis of diffuse ω -reflections in NbZr by Mossbauer X-ray scattering 8-60369
 Kjaergaard, N. *see* Christoffersen, J. 8-59949
 Kjaergaard, P. On the periodicity in the distribution of quasar redshifts 8-57690
 Kjaergaard, P., Ravn, J. Computer simulation of low-dispersion spectra obtained using a Fehrenbach-prism in the converging beam of a 1.5 m f/8.6 telescope 8-57468
 Kjaran, S.P., Sigurdsson, S.T. Two techniques associated with the Galerkin method for solving groundwater flow problems 8-89320
 Kjellander, R. Water—a structural element in model membrane systems: An approach to some structural changes in the lecithin-water system 8-96023
 Kjems, J. *see* Dickens, M.H. 8-79504
 Kjems, J.K., Steiner, M. Evidence for soliton modes in the one-dimensional ferromagnet CsNiF_3 8-95450
 Kjems, J.K. *see* Ott, H.R. 8-84178
 Kjer, D.E. *see* Koch, R.H. 8-57575
 Kjerfve, B. *see* Crabtree, S.J., Jr. 8-61481
 Kkhanna, S.K. *see* Strukov, B.A. 8-95574
 Kkann, N.K. *see* Kagan, V.Ye. 8-69025
 Kkassens, J.B. *see* Schwartz, F.C. 8-62207
 Klabazna, J. A new design of threehedral reflecting prisms with two reflections 8-66913
 Klables, R. *see* Grotzschel, R. 8-63783
 Klabunde, C.E. *see* Kerchner, H.R. 8-52179
 Klabunde, C.E. *see* Roberto, J.B. 8-51592
 Kladis, D.I. *see* Hadjicontos, B.E. 8-91692
 Kladnitskaya, E.N., Solomin, A.N., Shekhter, V.M., Shcheglova, L.M. Charge asymmetry in $\pi^+\pi^-$ collisions at 40 GeV/c depending on the transversal momenta 8-54662
 Klæboe, P. *see* Powell, D.L. 8-78715
 Klaffer, J., Jortner, J. Effects of structural disorder on the optical properties of molecular crystals 8-52525
 Klages, G. *see* Hasan, A. 8-68451
 Klages, H.O. *see* Dobiasch, H. 8-62538
 Klages, S. *see* Brachova-Rezacova, V. 8-63633
 Klages, S. *see* Deutsch, H. 8-67496
 Klahn, B., Bingel, W.A. Completeness and linear independence of basis sets used in quantum chemistry 8-62691
 Klainer, S. *see* Hercher, M. 8-65973
 Klainshtyuk, K. *see* Vener, B. 8-56934
 Klappor, H.V., Wene, C.O., Isosimov, I.N., Naumov, Yu.W. The structure of the beta strength function in heavy nuclei and its influence on β -delayed fission 8-89826
 Klappor, H.V. *see* Baumann, P. 8-82289
 Klappor, H.V. *see* Szanto de Toledo, A. 8-70423, 8-78246, 8-89781
 Klapisch, M., Schwob, J.L., Finkelthal, M., Fraenkel, B.S., Egert, S., Bar-Shalom, A., Breton, C., DeMichelis, C., Mattioli, M. Identification of forbidden lines in the soft-X-ray spectrum of the TFR Tokamak 8-79470
 Klapisch, R. *see* Detraz, C. 8-74341
 Klapisch, R. *see* Huber, G. 8-78826
 Klapisch, R. *see* Liberman, S. 8-86829
 Klapper, H. *see* Hawke, P.S. 8-95315
 Klapper, K., Kempin, H.F., Ertl, G. Identification of chemisorption levels on iridium by field-emission spectroscopy 8-84704
 Klapper, K. *see* Kempin, H.F. 8-89605
 Klar, H., Klar, M. Elastic phase shift of $e\text{-H}(1s)$ and ground state energy of H^- calculated in the post adiabatic approximation 8-58827

- Klar, M. *see* Klar, H. 8-58827
- Klare, G., Wolf, B. The spectral evolution of Nova Vul 1976 8-89205
- Klare, K.A. *see* Bartsch, R.R. 8-75404
- Klarsfeld, S. Asymptotic expansions for dipole transitions in hydrogenic atoms 8-82667
- Klarsfeld, S., Maquet, A. Dipole sum rules for products of 3-j symbols 8-65803
- Klas, J. *see* Chacharker, M.P. 8-95984
- Klasinc, L. *see* Ruscic, B. 8-94286
- Klatt, K.-H., Pietz, S., Wenzl, H. Use of FeTi-crystals for production and storage of super-pure hydrogen 8-53184
- Klattenhoff, D. *see* Kilian, H.-G. 8-76700
- Klauder, J.R. Continuous and discontinuous perturbations 8-62113
- Klaumunzer, S. *see* Ischenko, G. 8-52131
- Klaus, D. Period and eigenvector analysis of the European large scale weather pattern (GWL) frequencies and of the ocean temperature fluctuations in the North Atlantic 8-85660
- Klaus, V. A photoelectric spectrometer giving integrated parameters in real time 8-53730
- Klazura, G.E. *see* Schroeder, M.J. 8-92989
- Klcova, A. *see* Kralik, F. 8-64715
- Kleban, P., Davis, H.T. Electron drift and diffusion in polyatomic gases: Calculations for CH₄, CD₄, and related models 8-63531
- Kleban, P.H. *see* Halley, J.W. 8-72504
- Klebanov, G.I. *see* Nikushkin, Ye.V. 8-96021
- Klebanov, G.I. *see* Vladimirov, Yu.A. 8-80836
- Klebesadel, R.W. *see* Anderson, K.A. 8-85787
- Klecha, T. Existence of surface waves in nonhomogeneous isotropic elastic semi space with arbitrary variation of Poisson's ratio 8-67071
- Klecker, B. *see* Hovestadt, D. 8-85790
- Klecker, B. *see* Scholer, M. 8-89148
- Kleckner, H., Reuter, H.J., Loenicker, E. Decisive improvements in the photographic recording of the results of nuclear medical examinations with the gamma-camera 8-88733
- Klee, C. *see* Asselmeyer, F. 8-56661
- Klee, W.E. *see* Bartholomai, G. 8-88305
- Kleeberger, L., Ruppberger, H. Lattice defects in colloidal silver 8-51567
- Kleef, Th.A.M. *van see* van Kleef, Th.A.M.
- Kleef, Th.A.M. *van see* van Kleef, Th.A.M.
- Kleekamp, C., Metcalf, B. Designer's guide to: Fiber optics. II 8-50905
- Kleeman, W., Gesland, J.Y., Nouet, J. Linear birefringence studies of structural phase transitions of KcF₃ 8-76424
- Kleemola, H.J. *see* Korhonen, A.S. 8-85089
- Klehr, E.H. *see* Cornell, D. 8-95983
- Kleiber, M. A triangular finite element for large deformation elasto-plastic analysis of arbitrary shells 8-83257
- Kleiber, M. Natural finite elements and large deformation elasto-viscoplasticity 8-83258
- Kleiber, M. Finite element analysis of axisymmetric large elasto-plastic strain problems 8-83259
- Kleiber, M. *see* Argyris, J.H. 8-77692
- Kleiman, E.B. *see* Kaplan, S.A. 8-96466
- Kleiman, M. *see* Cohen, A. 8-77318, 8-85693
- Klein, A., Weldon, H.A. Equations of motion, variational principles, and WKB approximations in quantum mechanics and quantum field theory: bound states 8-54540
- Klein, A. *see* Rafelski, J. 8-49987
- Klein, A. *see* Vassanji, M.G. 8-50072
- Klein, A.G. *see* Tovey, S.N. 8-66147
- Klein, A.J., Teas, D.C. Acoustically dependent latency shifts of BSER (wave V) in man 8-85318
- Klein, B. *see* Bunzli, J.-C.G. 8-84656
- Klein, B.M., Boyer, L.L., Papaconstantopoulos, D.A. Electronic structure, electron-phonon interactions and [X-ray spectra] of [Al₁₅ structure compounds] 8-91613
- Klein, B.M. *see* Nagel, D.J. 8-91610
- Klein, C. *see* Gelbwachs, J. 8-81465
- Klein, C.A. Optical detection parameter of KCl laser windows at 10.6 μ m 8-79036
- Klein, C.A.M. *Van der see* Van der Klein, C.A.M.
- Klein, C.F. *see* Gelbwachs, J.A. 8-85282
- Klein, D.L. *see* Kunz, A.B. 8-84117
- Klein, G. Kinematics of triplet pairs in anthracene and tetracene crystals 8-79931
- Klein, G. Creation and evolution of excited states in anthracene crystals bombarded by electrons 8-92128
- Klein, G., Mulholland, H.P. Repeated elastic reflexions of a particle in an expanding sphere 8-86196
- Klein, G.deV. *see* deV. Klein, G.
- Klein, H. *see* Bosetti, P.C. 8-70357
- Klein, H.P. The Viking biological experiments on Mars 8-65542
- Klein, J. Diffusion of long molecules through solid polyethylene. I. Topological constraints 8-55986
- Klein, J., Briscoe, B.J. Diffusion of long molecules through solid polyethylene. II. Measurements and results 8-55987
- Klein, K. *see* Holtbecker, H. 8-82460
- Klein, M., Riemann, T. Deep inelastic muon scattering as a test of gauge theories 8-62408
- Klein, M. *see* Biebl, K.J. 8-86456
- Klein, M. *see* Kirk, H.G. 8-82252
- Klein, M.D., Baker, S., Feldman, C.L., Hubelbank, M., Lane, B. A validation technique for computerized Holter tape processing systems used in drug efficacy testing 8-81017
- Klein, M.J., Gulkis, S. Jupiter's atmosphere: observations and interpretation of the microwave spectrum near 1.25-cm wavelength 8-85889
- Klein, M.J., Turegano, J.A. Evidence of an increase in the microwave brightness temperature of Uranus 8-93150
- Klein, M.L., McDonald, I.R., O'Shea, S.F. An intermolecular force model for (HF)₂ 8-78773
- Klein, M.L. *see* Duquette, G. 8-58764
- Klein, M.L. *see* McDonald, I.R. 8-71657
- Klein, M.L. *see* Righini, R. 8-75751
- Klein, M.P. *see* Kirby, J.A. 8-66595
- Klein, M.V., Holy, J.A., Williams, W.S. Raman scattering induced by carbon vacancies in TiC, 8-52500
- Klein, M.V. *see* Crawford, R.K. 8-84580
- Klein, M.V. *see* Gallagher, D.A. 8-72497
- Klein, N. Electrical breakdown mechanisms in thin insulators 8-76385
- Klein, N. *see* Da Hsuan Feng 8-82286
- Klein, R. *see* Grassler, H. 8-62466
- Klein, R. *see* Hess, W. 8-93609
- Klein, R.I., Chevalier, R.A. X-ray bursts from type II supernovae 8-93287
- Klein, R.M., Kolbeck, A.G., Quackbush, C.L. Glass formation and properties in the aluminum borophosphate system 8-83737
- Klein, S. *see* Stromeier, C.F., III 8-92632
- Klein, W., Stanley, H.E., Reynolds, P.J., Coniglio, A. Renormalization-group approach to the percolation properties of the triangular Ising model 8-93620
- Klein, W. *see* Reynolds, P.J. 8-77805
- Kleinberg, R.L. *see* Sager, R.E. 8-56008, 8-79840
- Kleinberger, R. *see* Belbeoch, B. 8-87790
- Kleine, H.-O. *see* Unger, V. 8-81064
- Kleiner, M., Dabrowski, M. Intermolecular interactions and spectral shifts in energy transfer dye lasers 8-74902
- Kleinhanz, G., Piekarski, C. CO dose meter for working places exposed to extreme peaks of CO contamination 8-81096
- Kleinheinz, P. *see* Daly, P.J. 8-93964
- Kleinheinz, P. *see* Ogawa, M. 8-82310
- Kleinhenz, H. *see* Grazhulis, V.A. 8-72434
- Kleinknecht, H.P., Meier, H. Optical monitoring of the etching of SiO₂ and Si₃N₄ on Si by the use of grating test patterns 8-76775
- Kleinknecht, K. *see* Hansl, T. 8-74244, 8-89698, 8-89860
- Kleinknecht, K. *see* Holder, M. 8-55103
- Kleinlein, F.W., Hubner, H. The evaluation of crack resistance and crack velocity from controlled fracture experiments of ceramic bend specimens 8-72881
- Kleinman, L. Electron-magnon interactions in Ni 8-68205
- Kleinman, L., Dempsey, D.G. Surface energy band calculations and their significance for photoemission 8-95330
- Kleinman, L. *see* Chen, T.S. 8-92074
- Kleinman, L.I., Weston, R.E., Jr. Infrared fluorescence measurement of equilibrium and vibrational temperatures in laser-irradiated gases 8-82766
- Kleinman, L.I. *see* Bardo, R.D. 8-88626
- Kleinman, R.E. On the solution of the Helmholtz equation on the neighborhood of a corner 8-90335
- Kleinmann, D.E. *see* Wright, E.L. 8-89272
- Kleinmann, S.G., Hall, D.N.B., Ridgway, S.T., Wright, E.L. High-resolution 2- μ spectroscopy of Cyg OB II No.12 8-57613
- Kleinmann, S.G., Sargent, D.G., Moseley, H., Harper, D.A., Loewenstein, R.F., Telesco, C.M., Thronson, H.A., Jr. Far-infrared observations of sources associated with double-lobed reflection nebulae 8-54009
- Kleinmann, S.G. *see* Hall, D.N.B. 8-93368
- Kleinpenning, T.G.M. 1/f noise in solid state single injection diodes 8-60204
- Kleinpopp, H. *see* Al-Shamma, S.H. 8-66665
- Kleinpopp, H. *see* Blum, K. 8-78817
- Kleinpopp, H. *see* Hils, D. 8-50645
- Kleinrahn, A. *see* Mertin, D. 8-70483
- Kleinrahn, A. *see* Tischler, R. 8-93969
- Kleinschmidt, J. *see* Klemm, D. 8-61029
- Kleinschmidt, M. *see* Fischer, Th. 8-62669
- Kleinschmidt, P.D., Hildenbrand, D.L. Dissociation energies of CaI, SrI and BaI from high temperature mass spectrometry 8-58863
- Kleinsmith, P. *see* Poddar, S.K. 8-83345
- Kleinstuck, K. *see* Schatt, W. 8-63881
- Kleinstuck, K. *see* Ullrich, H.-J. 8-95153
- Kleis, I.R., Stupnitskii, A.M., Pirogov, S.Ya. Wear on Relite-base alloy compositions by a sliding stream of abrasive 8-95813
- Kleist, G. *see* Rodig, M. 8-84999
- Kleitz, M. *see* Fouletier, J. 8-76079
- Klejman, H. Telecommunication on the light-guide lines 8-79132
- Klem, R. *see* Biegert, E. 8-93901
- Klem, R. *see* Makdisi, Y. 8-78221
- Klem, R. *see* Marshak, M.L. 8-82245
- Klem, R. *see* Price, L.E. 8-78209
- Kleman, M. On elasticity and defects in a smectic C phase 8-91233
- Kleman, M., Labrune, M., Miltat, J., Nourtier, C., Taupin, D. Magnetostriction and magnetostrictive effects in magnetic materials 8-64254
- Kleman, M., Michel, L. Spontaneous breaking of Euclidean invariance and classification of topologically stable defects and configurations of crystals and liquid crystals 8-59748
- Kleman, M. *see* Horn, R.G. 8-91228
- Kleman, M. *see* Labrune, M. 8-64216
- Klemas, V. *see* Kayan, I. 8-77236
- Klemencic, R. *see* Blaschko, O. 8-75726
- Klement, G. *see* Broser, E. 8-50352
- Klement'ev, F.M. *see* Zhuchkov, M.V. 8-74822
- Klement'ev, V.G. Determination of path difference by means of a comparison of the interference patterns for axial and off-axis beams 8-82028
- Klementov, A.D. *see* Basov, N.G. 8-58978
- Klemish, J.R., Jr. *see* Distenfeld, C.H. 8-57074
- Klemm, A. The evaluation of partial pressures from MD-simulations of liquids 8-71663
- Klemm, A., Zagrebnev, V.A. On Dicke-type Hamiltonians with hidden variables 8-74874
- Klemm, D., Klemm, E., Graness, A., Kleinschmidt, J. Investigation of photochromism of 2,2'-dinitrodiphenylmethane by nanosecond laser absorption spectroscopy 8-61029
- Klemm, E. *see* Klemm, D. 8-61029
- Klemm, R.A. Fluctuations in a spin glass 8-52279
- Klemm, R.A. *see* Hertz, J.A. 8-60295
- Klemp, J.B., Lilly, D.K. Numerical simulation of hydrostatic mountain waves 8-73432
- Klemperer, W. *see* Holmgren, S.L. 8-94299
- Klempert, E. *see* Auld, E.G. 8-90111
- Klempert, E. *see* Camani, M. 8-82259
- Klempert, E. *see* Gartner, G. 8-70093
- Klempert, W. *see* Neugart, R. 8-89557
- Klemt, V. *see* Ebert, K. 8-54686
- Klemt, V. *see* Wambach, J. 8-86520
- Klenin, V.I. *see* Shchegolev, S.Yu. 8-55302
- Klenke, J.W. Heat and work in thermodynamics 8-62171
- Klepach, G.M. *see* Baranov, V.Yu. 8-90409
- Kleparskii, V.G., Randoshkin, V.V. Investigation of 'ballistic' motion of bubble domains by multiple high-speed photography 8-72383
- Klepatski, V.E. *see* Skvortsov, A.I. 8-51589
- Klepikov, N.P., Garas'ko, G.I. A kinematically independent representation of relativistic three-particle experimental data and their partial analysis 8-89636
- Klepikov, N.P. *see* Garas'ko, G.I. 8-70312
- Kleppa, O.J., Hong, K.C. New applications of high-temperature solution calorimetry. I. Enthalpy of the diamond-to-graphite transformation and enthalpy of formation of Mn₂C at 1320K 8-59945
- Kleppa, O.J., Picard, C. Hydrogen-hydrogen interaction in palladium-silver alloys 8-71862
- Kleppa, O.J. *see* Boureau, G. 8-59913
- Kleppa, O.J. *see* Rush, J.J. 8-68910
- Kleppe, J.W., Nash, C.R. A simplified electrolytic method for ferricyanide bleach regeneration 8-74090
- Kleppmann, W.G., Elliott, R.J. Theoretical investigation of Raman scattering by CaF₂-type superionic conductors 8-80351
- Kleppner, D. *see* Littman, M.G. 8-70761
- Kleppner, D. *see* Zimmerman, M.L. 8-50484
- Klerk, D. *see* De Klerk, D.
- Kleshchev, A.A. *see* Avdeev, F.N. 8-90619
- Kleshchevnikov, O.A., Sofronov, V.I., Ivanova, G.G., Tsyppin, V.I., Mineev, V.N., Ivanov, A.G. Experimental verification of the criterion for copper fracture 8-64648
- Klesnil, M. *see* Lukas, P. 8-71291
- Klesnil, M. *see* Nemeš, J. 8-56769
- Klessinger, M., Schmidt, W. VB calculations with orthogonal basis functions. I. Minimal basis ab initio calculations 8-50477
- Kleszczewski, Z. Application of laser light diffraction on ultra- and hypersonic waves to studies of acoustic and acoustooptic properties of crystals 8-76425
- Kletsin, Ya.G., Starokozhev, B.S. Distribution of molybdenum in cast irons with an acicular structure 8-92269
- Klett, J.D. *see* Pruppacher, H.R. 8-88896
- Klett, K. *see* Dietz, G. 8-52310
- Klevtsov, P.V., Klevtsova, R.F. Polymorphism of the double molybdates and tungstates of mono- and trivalent metals with the composition M³⁺(EO₄)₂ 8-87642
- Klevtsova, R.F., Glinskaya, L.A., Pasechnyuk, N.P. Crystal structure of the binary molybdates K₂Zr(MoO₄)₆ and K₈Hf(MoO₄)₆ 8-79597

- Klevtsova, R.F.** *see* Klevtsov, P.V. 8-87642
- Klevtsova, T.P.,** Raikov, B.K., Skorbelev, O.P. Methods for linearisation of calibration characteristics of platinum thermal resistors 8-70123
- Kley, D.,** Stone, E.J. Measurement of water vapor in the stratosphere by photodissociation with Ly α (1216 Å) light 8-77369
- Kley, E.-B.** *see* Frohlich, H. 8-86250
- Kley, G.** *see* Richter, K. 8-84992
- Kley, W.** *see* Kutner, R. 8-91487
- Kleykamp, H.,** Pejsa, R. Influence of β -radiation on the α -autoradiography of irradiated nuclear fuel 8-78466
- Klianga, P.,** Dvorak, R. Microdosimetric measurements of ionisation by monoenergetic photons 8-65133
- Kliava, J.,** Evesque, P., Duran, J. Laser selective excitation and energy transfer in a multisite system: $\text{CaF}_2:\text{Pr}^{3+}$ 8-84634
- Klick, D.,** Drickamer, H.G. High-pressure studies of Jahn-Teller split luminescence in alkali halides doped with In^+ and Tl^+ 8-52565
- Kliczewski, S.,** Lewandowski, Z. Elastic and inelastic scattering of 14.1 MeV neutrons on ^{28}Si nuclei in a wide angular range, and the spin-orbit interaction 8-89867
- Klientova, G.P.** *see* Sandomirskii, P.A. 8-63739
- Klier, M.** *see* Bonnekess, J. 8-64895
- Kliwer, K.L.** Surface photoexcitation 8-95665
- Kliwer, K.L.** *see* Furtak, T.E. 8-60548
- Klig, V.** Biomedical applications of microprocessors 8-57095
- Kligerman, M.M.** *see* Amols, H.I. 8-53508
- Kligler, D.,** Nakano, H.H., Huestis, D.L., Bischel, W.K., Hill, R.M., Rhodes, C.K. Energy ordering of the excited states of XeF 8-74887
- Kligler, D.,** Pritchard, D., Bischel, W.K., Rhodes, C.K. XeO^* production through collisional electronic energy transfer from two-photon excited Xe atoms 8-62775
- Kligler, D.,** Pummer, H., Bischel, W.K., Rhodes, C.K. Photolytic and energy transfer studies of laser media using two-quantum excitation 8-59003
- Kligman, R.L.** *see* Libelo, L.F. 8-52200
- Klima, J.** *see* Podest, M. 8-82597
- Klima, R.,** Petrzilka, V.A. On radiation pressure forces in cold magnetised plasma 8-79437
- Klima, S.J.,** Riley, T.J. Nondestructive evaluation of high voltage circuit board materials by ultrasonics 8-88597
- Kliman, V.** *see* Aziz El Dalil, S. 8-60747
- Kliman, V.** *see* Bily, M. 8-68799
- Klimas, E.** *see* Casasent, D. 8-74847
- Klimczyk, S.** *see* Adamski, P. 8-94994
- Klimek, R.,** Giesenberg, D., Kuhn, H. Underwater winch system for measuring the vertical distribution of physical quantities in the sea 8-69491
- Klimenko, A.V.,** Pil'gui, N.E. Photoelectric pyrometer 8-70128
- Klimenko, E.Y.** *see* Gray, W.H. 8-50374
- Klimenko, I.N.** *see* Il'chev, V.Ya. 8-56298
- Klimenko, L.A.** *see* Asratyan, A.E. 8-62389
- Klimenko, L.N.** *see* Frantsevich, I.N. 8-60595
- Klimenko, N.M.,** Zyubin, A.S., Charkin, O.P. Quantum-chemical calculations of electronic structures and molecular properties within the framework of approximate schemes of zero differential overlap. I. Justification of ZDO approximation and methods of parametrization 8-82622
- Klimenko, S.V.** *see* Antipov, Yu.M. 8-62581
- Klimenko, V.A.** *see* Kondilenko, I.I. 8-82739
- Klimenko, V.E.** A quantum-mechanical study of the electric dipole polarizabilities of TCNQ molecule and its negative ions 8-84204
- Klimenko, V.G.,** Potakhin, V.V. Effect of noise in the deflection channel of a scanning electron microscope on its resolution 8-86391
- Klimenko, V.N.** *see* Pilyankevich, A.N. 8-60610
- Klimenko, V.S.,** Skadin, V.G., Sharivker, S.Yu., Astakhov, E.A., Zverev, A.I. Experimental determination of dynamic characteristics of two-phase flow in detonation sputtering 8-94852
- Klimenko, V.V.,** Namgaladze, A.A. Ionospheric effects of zonal and meridional electric fields in the evening sector 8-69571
- Klimenko, V.V.** *see* Andrievskii, R.A. 8-60630
- Klimenko, V.V.** *see* Grigor'ev, V.A. 8-90662
- Klimenko, Y.I.** *see* Ternov, I.M. 8-49998
- Klimenkov, E.A.,** Baum, B.A., Bazin, Yu.A., Tvagunov, G.V. Structural peculiarities of iron-nickel melts 8-94966
- Klimenkova, N.T.,** Rotner, Yu.M., Laptev, V.A., Prokopchuk, E.O., Presnov, V.A., Butuzov, V.P. On the role of defects in the electroluminescence excitation mechanism of synthetic semiconductor diamonds 8-52581
- Klimenov, V.A.** *see* Tikhomirov, I.A. 8-88670
- Klimesch, P.,** Pesch, W. Ultrasonic attenuation and thermal conductivity in clean, type II superconductors 8-91812
- Klimik, A.U.** Matrix elements of irreducible representations of the $\text{IU}(n)$ group 8-54149
- Klimker, H.,** Rosen, M. Elastic properties of polycrystalline rare earth-cobalt Laves compounds 8-52332
- Klimkin, V.M.** *see* Bokhan, P.A. 8-71620
- Klimkin, V.M.** *see* Prokop'ev, V.E. 8-66516
- Klimo, V.,** Tino, J. Spin-extended Hartree-Fock ab initio calculations for small radicals 8-70746
- Klimok, V.I.** *see* Marchuk, G.I. 8-96220
- Klimontovich, Yu.L.** *see* Belyi, V.V. 8-59552
- Klimopoulos, S.** *see* Markellos, V.V. 8-85841, 8-89053
- Klimov, A.A.** *see* Yeroshenko, V.M. 8-83361
- Klimov, A.I.,** Meleshko, E.A. Monitoring unit for time-interval analyzers of nanosecond range 8-77868
- Klimov, A.V.** Calculating dynamic error of crusher method 8-57974
- Klimov, B.N.** *see* Ivanchenko, V.A. 8-87991
- Klimov, I.I.,** Kompanets, I.N., Levichev, A.S., Semochkin, P.N., Smolya, A.V., Sobolev, A.G. Investigation of the possibility of constructing a matrix-addressable controlled transparency based on PLZT ceramics 8-71222
- Klimov, I.I.** *see* Kalashnikov, S.P. 8-50738
- Klimov, K.M.** *see* Novikov, I.I. 8-79561
- Klimov, N.N.** *see* Isayev, N.V. 8-69582
- Klimov, V.A.** *see* Andreev, G.A. 8-51690
- Klimov, V.V.** *see* Morozov, E.M. 8-95565
- Klimov, Yu.A.** Effect of electrolytic coatings on acoustic radiation of high-strength cast irons 8-80681
- Klimov, Yu.V.** *see* Borovoi, A.A. 8-58310
- Klimova, A.Yu.** *see* Perekalina, Z.V. 8-95569
- Klimova, L.A.** *see* Bolotnikova, T.N. 8-90208
- Klimova, L.K.** *see* Gropyanov, V.M. 8-60636
- Klimovich, A.V.** *see* Litovskii, E.Ya. 8-75892, 8-84012
- Klimovich, I.I.,** Vokhmin, P.A. Connection of the copper vapour laser emission pulse characteristics with plasma parameters 8-71090
- Klimowicz, I.I.** *see* Batenin, V.M. 8-71466
- Klimowicz, T.F.** On the embrittlement of aluminium alloys by cathodic hydrogen: The role of surface films 8-64643
- Klimuk, P.I.** *see* Bruns, A.V. 8-53783
- Kline, D.E.** *see* Channing Nicholas, W. 8-57048
- Kline, F.J.,** Hayward, E. Electrodissintegration of ^{12}C 8-66270
- Kline, F.J.** *see* Szalata, Z.M. 8-50144
- Kline, G.** *see* Edelstein, A.S. 8-68159
- Kline, G.** *see* Stassis, C. 8-51785
- Kline, G.R.** *see* Stassis, C. 8-68151
- Kline, L.E.** *see* Mitchell, R.D. 8-63054
- Kline, R.P.** *see* Kronhaus, K.R. 8-92608
- Kline, R.V.** *see* Bebek, C.J. 8-66128
- Kline, R.V.** *see* Carroll, J. 8-89874
- Kline, R.V.** *see* Snyder, J.H. 8-89738
- Kline, S.J.** *see* Woolley, R.L. 8-94826
- Klinedinst, K.A.,** Vogel, W.M. Electrochemical aspects of adhesive joint failure 8-60979
- Klingelhofer, R.** Heating fusion plasma by accelerated neutralized charge carriers 8-67377
- Klingenbeck, K.,** Dillig, M., Huber, M.G. Collective resonances in pion-nucleus scattering 8-78415
- Klinger, H.G.** Heat transfer in perfused biological tissue. II. The 'macroscopic' temperature distribution in tissue 8-64944
- Klinger, R.E.** *see* Barr, T.L. 8-72028
- Klinglesmith, D.A.** *see* Boggess, A. 8-96382, 8-96383
- Klinglesmith, D.A.** *see* Heap, S.R. 8-96474
- Klingshirn, C.** *see* Bohnert, K. 8-88327
- Klink, S.A.** Elastic-modulus variations in concrete 8-84878
- Klinken, J.** *see* van Klinken, J.
- Klinken, J.** *see* van Klinken, J.
- Kliot-Dashinskaya, I.M.** *see* Galpern, A.D. 8-82922
- Klip, W.** *see* Van Loon, P. 8-65072
- Klippel, W.,** Warneck, P. Formaldehyde in rain water and on the atmospheric aerosol 8-57243
- Klippert, T.E.** *see* Dwight, A.E. 8-80519
- Klippling, G.** *see* Denner, H.D. 8-49842
- Klippling, I.** *see* Denner, H.D. 8-49842
- Klitzing, K.** *see* von Klitzing, K.
- Klitzing, K.** *see* von Klitzing, K.
- Kliya, M.O.,** Osika, V.D. Twinning in crystals of the catenol salt of DNA 8-71746
- Klobuchar, J.A.,** Iyer, K.N., Vats, H.O., Rastogi, R.G. A numerical model of equatorial and low latitude total electron content for use by satellite tracking systems for ionospheric corrections 8-69587
- Klobuchar, R.L.,** Karol, P.J. A method for determining the fraction of positrons annihilating within a source 8-70667
- Klobuchar, R.L.** *see* Karol, P.J. 8-54516
- Klobukowski, M.,** Karwowski, J. SCF X α SW study of the ground state of ruthenium tetroxide 8-90081
- Klobukowski, M.** *see* Karwowski, J. 8-82653
- Klochkov, V.P.** 0,0-transition frequencies in continuous and diffuse spectra of polyatomic molecules 8-74639
- Klochkov, V.P.,** Bogdanov, V.L. Determination of the natural lifetime of the excited state of molecules by the light quenching of the fluorescence 8-82775
- Klochkov, V.P.** *see* Ovsyannikov, A.I. 8-59486
- Klochkova, V.G.** *see* Ukhov, B.V. 8-89544
- Klockner, H.W.,** Finsterholz, H., Srinivasan, K., Schrotter, H.W. Raman spectra of carbon dioxide and its isotopic variants in the Fermi resonance region. II. $^{12}\text{C}^{18}\text{O}_2$ 8-74664
- Kloet, W.M.** The few nucleon problem with realistic nucleon-nucleon interactions 8-62526
- Kloiber, F.W.** *see* Bohr, A.H. 8-55008
- Kloholm, E.** *see* Kobliska, R.J. 8-91881
- Klokov, V.V.** *see* Golubkov, V.P. 8-78523
- Klomfass, J.** *see* Mihelcic, D. 8-73535
- Klonkowski, A.** *see* Gzowski, O. 8-59980
- Klonover, A.,** Kaldor, U. Ab initio electron-molecule scattering theory including polarisation: elastic scattering and rotational excitation of H_2 8-50640
- Klonz, M.,** Waldele, F. Two-plate capacitor with aerostatic electrode regulation for the precise determination of capacitor loss factor 8-74021
- Klooster, P.** *van't see* van't Klooster, P.
- Klopfenstein, J.B.** *see* Groth, E.J. 8-57482
- Klopper, D.C.** *see* Emery, R.M. 8-53533
- Klopov, V.D.** *see* Potapov, A.I. 8-72971
- Klopperpieper, A.** *see* Helwig, J. 8-64333
- Klose, E.** *see* Brunner, W. 8-50791
- Klose, E.** *see* Dahne, G. 8-89575
- Klose, W.** *see* Andersen, O.K. 8-51871
- Kloss, H.-G.** *see* Funk, W. 8-67476
- Kloss, H.-G.** *see* Hartel, G. 8-71576
- Kloster-Jensen, E.** *see* Bieri, G. 8-50578
- Klostermeyer, J.** Nonlinear investigation of the spatial resonance effect in the nighttime equatorial F region 8-96341
- Klostermeyer, J.,** Liu, C.H. Indication of gravity wave-meanflow interaction in upper atmospheric radar observations 8-81282
- Klostermeyer, J.** *see* Rottger, J. 8-88938
- Klotin'sh, E.E.** *see* Krumin, A.E. 8-92046
- Klots, C.E.,** Compton, R.N. Electron attachment to van der Waals polymers of water 8-90296
- Klots, C.E.,** Compton, R.N. Electron attachment to van der Waals polymers of carbon dioxide and nitrous oxide 8-90307
- Klotsman, S.M.,** Rabovskii, Ya.A., Talinskii, V.K., Timofeev, A.N. Diffusion of impurities in copper. VI. Diffusion of iridium in copper 8-67851
- Klotsman, S.M.** *see* Arbutov, V.L. 8-56126
- Klotsman, S.M.** *see* Vladimirov, A.B. 8-67863, 8-75880
- Klotynsh, E.,** Petrov, V. Temperature dependence of electron effective mass in gallium arsenide for various degrees of doping and compensation 8-79923
- Klotyn'sh, E.E.** *see* Kirson, Ya.E. 8-91710
- Klotyn'sh, E.E.** *see* Vasil'chikov, K.H.P. 8-52694
- Klotz, A.H.** On the non-symmetric unified field theory 8-73909
- Klotz, A.H.** Conservation laws and identities in the non-symmetric unified field theory 8-73910
- Klotz, A.H.** Cosmological implications of the unified field theory 8-73911
- Klotz, G.** *see* Huck, A. 8-74336
- Klotz, H.-D.** *see* Drost, H. 8-63627
- Klotz, W.D.** *see* Bassalleck, B. 8-66322
- Klovning, A.** *see* Albrow, M.G. 8-58214
- Kludzin, V.V.** *see* Gudzenko, A.I. 8-74995
- Klug, A.** *see* Hussain, A. 8-68925
- Klug, D.D.,** Whalley, E. The relation between simple analytic models for the optical spectra of disordered solids 8-76473
- Kluge, G.,** Eichhorn, H. Thermodynamics of glasses. I. Equilibrium thermodynamics 8-83745
- Kluge, G.,** Eichhorn, H. Thermodynamics of glasses. II. Non-equilibrium thermodynamics 8-83746
- Kluge, G.,** Rudat, V. Sound propagation in solid superconductors 8-95395
- Kluge, H.-J.** *see* Dabkiewicz, P. 8-54680
- Kluge, W.,** Matthay, H., Schlufter, R., Schneider, H., Wick, K. The deuteron break-up in the reaction $\text{dd} \rightarrow \text{d}p\text{n}$ at 52 MeV 8-74375
- Kluger, B.M.,** Anderson, R.E., Peterson, R.J., Ristinen, R.A. A study of the $^{76}\text{Se}(\text{He,d})^{77}\text{Br}$ and $^{78}\text{Se}(\text{He,d})^{79}\text{Br}$ reactions 8-86479
- Kluger, B.M.,** Anderson, R.E., Peterson, R.J., Ristinen, R.A. A study of the $^{80}\text{Se}(\text{p,d})^{79}\text{Se}$ reaction 8-93993
- Kluitenberg, G.A.,** Ciancio, V. On linear dynamical equations of state for isotropic media. I. General formalism 8-93639
- Kluiver, H.** *see* De Kluiver, H.
- Kluk, E.** *see* Zerda, T.W. 8-75245
- Kluke, J.** *see* Maitzen, H.M. 8-85950
- Klukvina, E.F.** *see* Vaigachev, A.A. 8-78574

- Klump, K.N.**, Lassette, E.N. Generalized oscillator strength for the first singlet-singlet transition in p-difluorobenzene and the cross section for energy transfer to acetone 8-66668
- Klump, K.N.**, Lassette, E.N. Generalized oscillator strengths for two transitions in CO₂ at incident electron energies of 300, 400 and 500 eV 8-94327
- Klumpar, D.M.** see Whiteker, J.H. 8-77400
- Klunker, E.** see Altmann, K. 8-55517
- Klushin, G.M.** Study of transfer processes during xenon lamp switching from thyristor rectifiers 8-94421
- Klusmeier, S.** see Zywiets, C. 8-81045
- Kluss, D.** see Bockmann, R.-D. 8-69225, 8-85438
- Klut, M.**, Simonetto, O., Swings, J.P. On the nature of the peculiar emission-line object RX Puppis 8-61871
- Klut, M.** see Barbier, R. 8-65602
- Kluver, W.**, Ruland, W. NMR-studies of semicrystalline polymers using pulse techniques 8-76342
- Kluwick, A.** Roll-waves of small amplitudes 8-94756
- Kluyver, J.C.**, Blokzijl, R., Massaro, G.G.G., Wolters, G.F., Armenteros, R., Hemingway, R.J., Holmgren, S.O., Losty, M.J., Grossmann, P., Lamb, P.R., Wells, J. On quark model relations for hypercharge-exchange reactions 8-82233
- Kluyver, J.C.** see Gaviglet, Ph. 8-89736
- Kluyver, J.C.** see Jongejans, B. 8-78177
- Kl'vna, M.** see Pilyug, K. 8-65499
- Klyachkin, V.I.** Stress field in a compressible fluid and the excitation of elastic shells 8-51183
- Klyavin, Yu.A.** see Pansyrev, Yu.M. 8-69178
- Klyce, S.D.**, Russell, S.R. System for monitoring the thickness of transparent layered structures 8-92737
- Klychev, Sh.I.** see Zakhidov, R.A. 8-79093
- Klygin, N.Ya.** see Kiselevskii, I.I. 8-75475
- Klygina, W.**, Koslov, L.W. Investigation into the molecular-weight distribution of various [polymer] films by gel-permeation chromatography 8-85252
- Klykov, V.E.** see Verigin, N.N. 8-77279
- Klyndukhov, V.P.** see Meister, T.G. 8-92496
- Klynning, L.** see Berg, L.-E. 8-78764
- Klypin, A.V.** see Chatnyan, R.M. 8-60909
- Klypin, B.A.**, Maslov, A.M., Maslenkov, S.B. Effect of alloying on the structural stability of Ni-W and Co-W composite materials 8-56600
- Klyucharev, A.N.** see Bezuglov, N.N. 8-55227
- Klyuchev, V.M.** see Pilipenko, N.V. 8-86273
- Klyuchkovskii, Yu.B.** Fokker-type action integrals and relativistic instantaneous interaction Lagrangians of two particles in a linear approximation 8-66046
- Klyuchnik, A.V.**, Lozovik, Yu.E. Interband transitions and currents in systems with e-h pairing 8-72302
- Klyuchnik, A.V.**, Lozovik, Yu.E. Two-dimensional dielectric electron-hole liquid 8-87917
- Klyuchnik, A.V.** see Lozovik, Yu.E. 8-62744
- Klyuchnikov, N.I.**, Trigger, S.A. Kinetic equation for electrons in metallic and gaseous plasma with account for exchange effect 8-71437
- Klyuev, M.M.** see Osipova, O.G. 8-94921
- Klyuev, V.P.** see Mazurin, O.V. 8-67655
- Klyuev, V.V.**, Kurozaev, V.P., Khvatov, L.A., Petrov, Yu.V., Pyatigorskii, B.M., Zhukova, G.A., Shikolev, V.V. Complex of devices for the automatic nondestructive testing of tube quality in the production line of the 140 rolling mill 8-53092
- Klyukanov, A.A.**, Pokatilov, E.P. Effect of an additional laser illumination on the resonance effects in a magnetic field 8-72417
- Klyukanov, A.A.**, Pokatilov, E.P., Gladilin, V.N., Wu, Tr.H. Pinning structure of cyclotron resonance lines 8-72414
- Klyukin, I.I.** see Belinskii, B.P. 8-94612
- Klyushnikov, V.D.**, Jupatsev, V.V. Two-sided estimates of critical loads of inhomogeneously compressed rods 8-62082
- Kmet', A.A.** Formation of a primary signal under effect of partial multiple reflection 8-85484
- Kmiec, A.** Particle distributions and dynamics of particle movement in solid-liquid fluidized beds 8-59464
- Kmiec, A.** see Rowe, P.N. 8-59465
- Knaap, H.F.P.** see Eggermont, G.E.J. 8-71400
- Knaap, H.F.P.** see Kohler, W.E. 8-71414
- Knape, H.E.G.** see Aronsson, R. 8-68523
- Knapik, E.** see Astvatsurov, R.G. 8-78569
- Knapp, E.-W.** Vibrational dephasing of diatomic molecules in liquids: role of anharmonicity of the diatom 8-94959
- Knapp, E.-W.** see Diestler, D.J. 8-67776
- Knapp, G.** Crossed grid anode and its image partitioning 8-71217
- Knapp, G.** see Geissel, H. 8-86718
- Knapp, G.R.**, Kerr, F.J., Bowers, P.F. Upper limits to the H I content of the dwarf spheroidal galaxies 8-57633
- Knapp, G.R.**, Kerr, F.J., Williams, B.A. H I observations of elliptical galaxies 8-65681
- Knapp, G.S.** see Hafstrom, J.W. 8-68110
- Knapp, J.A.**, Eastman, D.E., Pandey, K.C., Patella, F. Surface electronic structure studies of GaAs (110) 8-91743
- Knapp, J.A.** see Eastman, D.E. 8-60546, 8-92175
- Knapp, J.A.** see Moruzzi, V.L. 8-95680
- Knappe, B.**, Muller, H.-R., Springmann, B. Homogeneity of amorphous Gd-Co films prepared by bias sputtering 8-72379
- Knappe, W.** see Hubeny, H. 8-75596
- Knapper, C.K.**, Taplin, D.M.R. The teaching of fracture in universities 8-77645
- Knaster, M.** see Panicker, M.P.R. 8-64484
- Knauer, H.**, Richter, J. Investigation of the critical Josephson current in SIS-contacts near T_c by taking into account the real behaviour of the order parameter 8-84361
- Knauer, H.** see Haberkorn, W. 8-76195
- Knauss, D.C.** A theory for the isotropic Raman line shape in the condensed state 8-88298
- Knauss, G.** Dripping without wetting 8-87370
- Knauss, K.G.**, Teh-Lung Ku, Moore, W.S. Radium and thorium isotopes in the surface waters of the East Pacific and coastal Southern California 8-96234
- Knauth, H.-D.** The reactions of NO and ClNO with ClONO₂ in the gas phase. II 8-76834
- Knauth, H.-D.**, Martin, H. The kinetics of the thermal decomposition of ClNO₂ 8-95924
- Knauth, H.-D.**, Martin, H., Schlapkohl, H. ClNO-catalysed decomposition of ClNO₂ in 1-chloroperfluoroheptane 8-95925
- Knauth, H.-D.** see Alqasbi, R. 8-53235
- Knecht, J.** see Engemann, D. 8-68541
- Knecht, J.** see Overhof, H. 8-76581
- Knecht, M.** see Bonek, E. 8-55389
- Kneer, F.**, Mattig, W. The chromosphere above sunspot umbrae. II. The interpretation of the H, K, and IR lines of Ca II 8-53901
- Kneer, F.** see Mattig, W. 8-53900
- Kneipp, K.** see Ponath, H.E. 8-60427
- Kneissl, U.** see Bartsch, H. 8-93961
- Kneizys, F.X.** see Young, L.D.G. 8-86851
- Kneller, E.**, Velicescu, M., Haberey, F. Spin structure and magnetic properties of the R-type hexaferrite BaFe₂Ti₂O₁₁ 8-52216
- Kneller, E.** see Khan, Y. 8-52228
- Kneppo, I.** see Watanabe, K. 8-54391
- Kneppo, P.**, Titomir, L.I. Integral characteristics of the electrical generator of the human heart 8-69244
- Knesl, Z.**, Kucera, J. Interdiffusion zone growth in the Co-Fe, Co-Ni and Fe-Ni systems 8-84009
- Knesl, Z.** see Bilek, Z. 8-59343
- Knessl, O.**, Stanek, S. High sensitivity and time response conditions of differential deviation refractometers 8-80810
- Knets, I.V.** Mechanics of biological tissues. A review 8-69131
- Kneubuhl, F.K.** see Rast, J. 8-85921
- Knezevic, M.** see Vedlin, B. 8-63138
- Knick, K.-D.** see Kuhlmann, F. 8-89598
- Knidiri, M.** see Brusset, H. 8-52509
- Knies, G.** see Alexander, G. 8-74251, 8-89766
- Knies, G.** see Berger, Ch. 8-62414, 8-89725
- Knight, B.W.** see Hochstein, S. 8-92623
- Knight, B.W.** see Sivovich, L. 8-77044
- Knight, C.A.**, Knight, N.C., Grotewold, W.W., Cannon, T.W. Interpretation of foil impactor impressions of water and ice particles 8-57356
- Knight, C.A.** see Knight, N.C. 8-96260
- Knight, C.A.** see Wittels, J.J. 8-69896
- Knight, D.D.**, Saffman, P.G. Model equation calculations of the turbulent flow between rotating cylinders and the structure of a turbulent vortex 8-90852
- Knight, D.J.E.** see Blaney, T.G. 8-55345
- Knight, E.A.**, Arthur, R.G., Macauley, M.W.S., Singhal, R.P. Recovery systems for enriched gaseous isotopes 8-58525
- Knight, E.A.** see Singhal, R.P. 8-62523
- Knight, J.M.**, Aharonov, Y., Hsieh, G.T.C. Are superradiant phase transitions possible? 8-66795
- Knight, J.W.** see Hoyng, P. 8-89159
- Knight, L.B., Jr.**, Stewart, K.S., Beaudry, W.T. Unusual behavior of vaporized magnesium. II. Evidence for gas-surface exchange 8-91532
- Knight, N.C.**, Knight, C.A. Some observations on foreign material in hailstones 8-96260
- Knight, N.C.** see Knight, C.A. 8-57356
- Knight, P.** see Bell, C.P. 8-61648
- Knight, P.L.** Asymmetric resonance fluorescence spectra in partially coherent fields 8-66503
- Knight, P.L.** AC Stark splitting of photoelectron energy spectra in multiphoton ionisation 8-86834
- Knight, R.J.** see Dalrymple, R.W. 8-88814
- Knight, R.J.** see Jones, D.T.L. 8-82722
- Knight, R.J.** see Stanley, D.J. 8-57193
- Knight, R.W.** An application of rank-order statistics to the study of hurricane variability 8-92910
- Knight, R.W.**, Brier, G.W. A technique for evaluating the effectiveness of hurricane modification experiments 8-85654
- Knight, W.D.**, Monot, R., Dietz, E.R., George, A.R. Stern-Gerlach deflection of metallic-cluster beams 8-54504
- Knights, J.C.**, Lucovsky, G., Nemanich, R.J. Hydrogen bonding in silicon-hydrogen alloys 8-72515
- Knights, J.C.**, Lujan, R.A. Plasma deposition of GaP and GaN 8-60585
- Knights, J.C.** see Biegelsen, D.K. 8-72589
- Knigin, P.I.** see Aronov, D.A. 8-72253
- Knipper, A.** see Huck, A. 8-74336
- Knispel, G.**, Goritz, D., Muller, F.H. Dependence upon extension (stretching) of the glass transition in natural rubber 8-79753
- Knispel, G.**, Muller, F.H. Investigation of the relaxation loss maximum at low temperatures in polyethylene and other polymers 8-76384
- Knittel, D.**, Lin, S.H. Participation of rotational motion in vibrational relaxation of molecules in condensed media 8-91388
- Knitter, H.-H.** see Budtz-Jorgensen, C. 8-78581
- Knittl, Z.**, Pokorny, P. Use of equivalent films in design practice and graphical aids for their determination 8-90486
- Knob, A.** see Glangaud, F. 8-61680
- Knobler, C.M.** see Ning-Chih Wong 8-84592
- Knobloch, A.F.** Contribution to an optimum conceptual Tokamak scaling 8-54908
- Knobloch, E.** The evolution of mass and tidal radius of cluster galaxies 8-65699
- Knobloch, G.**, Butter, E., Reiffarth, S. The Krupkowski model applied to the Ga-As system 8-95132
- Knobloch, J.** see Hansl, T. 8-74244, 8-89698, 8-89860
- Knobloch, J.** see Holder, M. 8-55103
- Knobloch, J.** see Scarr, J.M. 8-54634
- Knobloch, W.** Dynamic behaviour of a viscoelastic body with stripwise loading 8-87281
- Knoche, W.** see Gruenewald, B. 8-77175
- Knoechel, G.**, von der Heide, K. Statistically rigorous reduction of optical lunar occultation measurements 8-73650
- Knof, J.** see Eichler, J. 8-69177
- Knoll, J.** Microscopic multiple collision description of heavy-ion reactions at high and relativistic energies 8-86542
- Knoll, R.**, Epstein, G., Hoang, S., Huntzinger, G., Steinberg, J.L., Fainberg, J., Grena, F., Mosier, S.R., Stone, R.G. The 3-dimensional radio mapping experiment (SBH) on ISEE-C 8-85796
- Knoner, R.**, Scheler, W., Schneider, H.-J. Thermal load by radiation from the neck into a cryogenic vessel 8-86276
- Knopp, G.** see Brueker, H. 8-50038
- Knop, K.** see Gale, M.T. 8-65990
- Knop, O.** see Oxtom, I.A. 8-92066
- Knopf, K.** see Koester, L. 8-70539
- Knopfle, K.T.** see Mairle, G. 8-58288
- Knopfle, K.T.** see Riedesel, H. 8-78238
- Knopoff, L.** see Caputo, M. 8-53618
- Knopoff, L.** see Chatterjee, A.K. 8-59302
- Knopoff, L.** see Hutchinson, W. 8-90607
- Knopoff, L.** see Kagan, Y. 8-96155
- Knopoff, L.** see Schlue, J.W. 8-85482
- Knopp, J.**, Becker, M.F. Generalized model for noncoherent optical convolvers and correlators 8-55303
- Knopp, J.**, Becker, M.F. Virtual Fourier transform as an analytical tool in Fourier optics 8-71036
- Knopp, R.**, Breuel, H.P., Schmidt, H., Winkler, C. The application of a new computer system to the nuclear-medical determination of the volume characteristic of the left ventricle 8-88737
- Knopp, R.**, Breuel, H.-P., Winkler, C. Functional scintigraphy of the heart using the Bonn System III 8-73198
- Knops, H.J.F.** Renormalization transformation for the discrete Gaussian model 8-93617
- Knops, H.J.F.** see den Nijis, M.P.M. 8-93618
- Knops, H.J.F.** see van der Eerden, J.P. 8-63691
- Knops, H.T.F.** Renormalization transformation for the discrete Gaussian model 8-81925
- Knops, R.J.**, Wilkes, N.S. The elastic instability of a director rod 8-63292
- Knorr, H.** An electric vitality tester for teeth 8-80944
- Knorr, K.**, Fender, B.E.F., Drexel, W. Neutron scattering and crystal fields in Pr-hydrides 8-79970
- Knorr, K.**, von Blanckenhagen, P., Hoppel, H. The difference of crystal fields in ErAl₂ and La_{0.9}Er_{0.1}Al₂ 8-76036
- Knorr, K.** see Buschow, K.H.J. 8-68185
- Knorr, K.** see Nagel, W. 8-84390
- Knote, G.** see McIlwain, A. 8-70660
- Knotek, O.**, Lugscheider, E., Wichert, W. Wear-resistant materials of the Ni-Cr-W-C(Si) system 8-92368

- Knoth, A.** Is the quark sea SU_n flavour symmetric? 8-54606
- Knott, B.R.** see Wilson, F.G. 8-52720
- Knott, J.F.** Micro-mechanisms of fracture and the fracture toughness of engineering alloys 8-56766
- Knott, J.F.** see Clayton, J.Q. 8-60813
- Knott, J.F.** see Curry, D.A. 8-52990
- Knott, J.F.** see King, J.E. 8-60812
- Knott, J.F.** see Tait, R.A. 8-64669
- Knott, K.** Early results from Geos 8-61705
- Knowler, E., Steinman, R.M., Murphy, B.J.** Velocity matching during smooth pursuit of different targets on different backgrounds 8-61189
- Knowles, A.** 'Slow' flash photolysis of visual pigments using a conventional spectrophotometer 8-68904
- Knowles, A.M.** Aspects of physicochemical methods for the detection of latent fingerprints 8-78055
- Knowles, J.** see Scarr, J.M. 8-54634
- Knowles, J.E.** Measurements on single magnetic particles [recording tape applications] 8-95480
- Knowles, J.W., Khan, A.M., Mills, W.F.** The resonant scattering of gamma radiation from lead isotopes 8-78362
- Knowles, L.G.** see Qureshi, S. 8-65110
- Knowles, R.M.** see Burnett, L.J. 8-56390
- Knowles, S.H., Batchelor, R.A.** Linear polarization of 22-GHz water-vapour line emission in southern sources 8-77612
- Knowles, S.H.** see Batchelor, R.A. 8-69863
- Knox, B.E.** see Tongson, L.L. 8-76621, 8-76622
- Knox, R.** Rock disposal problems identified 8-78477
- Knox, R., Jr.** Where did the Twin City, Georgia, meteorite come from? 8-65567
- Knude, J.** Intrinsic uvby β indices, distances and color excesses of 644 B, A and F stars in 63 selected areas 8-89171
- Knudsen, J.M.** see Albertsen, J.F. 8-61820, 8-65575
- Knudsen, P.** Ramp testing of UO_2 -Zr fuel pins up to 2900 MWd/MT UO_2 8-86591
- Knudsen, P.** see Bjerregaard, J.H. 8-74376
- Knudson, J.N.** see Madey, R. 8-58542
- Knudson, K.** see Baubillier, M. 8-93877
- Knudtson, J.T., Berry, M.J.** Methyl isocyanide photodissociation: chemical laser determination of energy partitioning into the cyanide radical photochemical product 8-73063
- Knudtson, J.T.** see Maple, J.R. 8-71144
- Knuipfer, W., Frey, R., Friebe, A., Mettner, W., Meuer, D., Richter, A., Spamer, E., Titze, O.** Electroexcitation of M2 giant resonances, mass dependent quenching of the spin-magnetism and the reduction of M1 strength in heavy nuclei 8-86521
- Knuipfer, W.** see Frey, R. 8-50154
- Knutson, D., Cavalluzzo, S., Davenport, J., Kaminsky, E., Perry, E., Willard, J. PDX, mechanical design update and assembly 8-50350**
- Knutsson, L.** Observation on the stress corrosion cracking of an Al-5%Zn-2.5%Mg ternary and various quaternary alloys 8-60868
- Knuutila, O.** see Bergstrom, I. 8-78307
- Knuyt, G.K., Callebaut, D.K.** Ion density in ionizing beams. II. Applications 8-83583
- Kny, E., Nauer, G.** On the possibility of devitrification of ancient glass 8-79536
- Knyaev, Yu.V.** see Sasovkaya, I.I. 8-72529
- Knyazev, I.N., Kudryavtsev, Yu.A., Kuz'mina, N.P., Letokhov, V.S.** Isomerization of molecules on multiphoton vibrational and subsequent electron excitation by laser radiation 8-73041
- Knyazev, I.N., Letokhov, V.S., Lobko, V.V.** Role of weak transitions in multiphoton excitation of molecules by IR laser radiation 8-66614
- Knyazev, I.N.** see Antonov, V.S. 8-78840
- Knyazev, N.A., Chavro, A.I.** Calculation of the IR absorption of water vapour in a continuum 8-96293
- Knyazev, Yu.V.** Optical properties of thulium in the 0.06-4.9-eV energy range 8-84603
- Knyazev, Yu.V., Noskov, M.M.** Optical absorption of erbium in paramagnetic and antiferromagnetic states 8-56497
- Knyazev, Yu.V., Noskov, M.M.** Characteristics of infrared absorption in Pd-Fe alloys 8-84577
- Knyazhanskii, M.I., Tymyanski, Ya.R.** Sensitization of intramolecular proton phototransfer in photochromic azomethines through singlet-singlet energy transfer from organic cations 8-53230
- Knyr, V.A., Smirnov, Yu.F.** The method of generalized hyperspherical functions and properties of the nucleus 6Li 8-86469
- Knyr, V.A., Smirnov, Yu.F., Shitikova, K.V.** Group of canonical transformations and the method of K harmonics 8-50106
- Knysh, V.P.** see Vil'kotskii, M.A. 8-62209
- Knysh, Yu.A., Lukachev, S.V.** Experimental study of a vortex sound generator 8-50975
- Ko, A.-N., Rabinovitch, B.S.** Initial state selection and intramolecular vibrational relaxation in reacting polyatomic molecules. Neopentylcyclobutane precursor 8-64819
- Ko, C.L., McLaughlin, D.K., Trout, T.R.** Supersonic hot-wire fluctuation data analysis with a conduction end-loss correction 8-55703
- Ko, C.M.** Unified model of deep inelastic heavy ion collisions: collectivity and statistics 8-66320
- Ko, C.M., Bertsch, G.F., Cha, D.** Nucleon tunnelling model of mass diffusion in deep inelastic heavy ion collisions 8-78409
- Ko, C.M.** see Agassi, D. 8-82380
- Ko, H.C., Chuang, C.W.** On the passage of radiation through moving astrophysical plasmas 8-65489
- Ko, M.K.W.** see Chylek, P. 8-58913
- Ko, N.W.M.** Traffic noise in a high-rise city 8-94482
- Ko, N.W.M., Ho, W.F., Un, W.K.** Responses to air-conditioning system noise 8-83168
- Ko, N.W.M., Tang, C.P.** Reverberation time in a high-rise city 8-59197
- Ko, R.** A single carrier method for the emission spectrometric analysis of uranium-plutonium oxides 8-68944
- Ko, W.** see Moriyasu, K. 8-66165
- Ko Aizu** Nature of central radio component of double extragalactic radio sources 8-77617
- Ko Ching-Lung** see Ching-Lung Ko
- Koang, D.H., Dauchy, A., Giorni, A., Cole, A.J., Longueque, J.P., Menet, J.** Particle- γ coincidences in $^{16}O+^{48}Ti$ reaction at 120 MeV 8-74388
- Kobal, I., Senegacnik, M., Barlic, B.** Activated complex in the catalytic oxidation of CO over NiO 8-80786
- Kobal, I., Skofljanec, M., Kristan, J.** An alpha-scintillation method for measuring low radon concentrations in air 8-92970
- Kobarelov, P.** see Kuzov, K. 8-59436
- Kobashi, H., Nagumo, T., Morita, T.** Hydrogen atom abstraction by p-chloranil triplet from tetrachlorohydroquinone and the presence of a competitive deactivation process 8-80720
- Kobashi, K.** Anharmonic lattice vibrations in solid N_2 . I. α -phase 8-71812
- Kobashi, Y., Hayakawa, M.** Development of turbulence through non-steady boundary layer 8-90829
- Kobayashi, Y.** see Sumiyama, K. 8-64197
- Kobayakawa, H.** see Fukushima, M. 8-62409
- Kobayakawa, K.** see Higashi, S. 8-55081
- Kobayashi, A.** Trap depths in the depletion region of single-crystal $CdS-Cu_2S$ heterojunctions 8-52064
- Kobayashi, A., Sasaki, Y., Shirohata, I., Kobayashi, H.** Evidence for a Feierls-Frohlich state of one-dimensional platinum complex $K_{1.81}Pt(C_2O_4)_2 \cdot 2H_2O$ 8-76060
- Kobayashi, A., Shibata, T.** A nonmetrical method for paired comparisons 8-77833
- Kobayashi, A., Suzuki, K.** High field transport properties of a magnetic semiconductor 8-64049
- Kobayashi, A.** see Kanada, H. 8-89676
- Kobayashi, A.S., Mall, S.** Dynamic fracture toughness of Homalite-100 8-60740
- Kobayashi, A.S., Mall, S., Emery, A.F.** Dynamic finite element and dynamic photoelastic analyses of an impacted pretensioned plate 8-67111
- Kobayashi, D., Uematsu, T.** Stream temperatures during snow-melt period. III 8-88860
- Kobayashi, E.** see Inada, T. 8-83834
- Kobayashi, H.** The crystal structure and the phase transition of ammonium 7,7,8,8-tetracyanoquinodimethanide, NH_4 -TCNQ 8-91330
- Kobayashi, H.** Fracture toughness and its evaluation method 8-92330
- Kobayashi, H., Hirano, K., Nakamura, H., Nakazawa, H.** A fractographic study on evaluation of fracture toughness 8-68865
- Kobayashi, H., Suzuki, K., Yanagisawa, Y., Yukawa, K.** Utilization of neutral particle beam in ion microanalyzer 8-85248
- Kobayashi, H.** see Hirano, K. 8-52964
- Kobayashi, H.** see Kobayashi, A. 8-76060
- Kobayashi, H.** see Tsuchida, E. 8-52961
- Kobayashi, H.** see Tsukada, T. 8-56579
- Kobayashi, H.** see Yokomizo, O. 8-54814
- Kobayashi, I., Fujii, Y., Suzuki, N., Aoyama, K., Koyama, M.** Measuring equipment for an experimental optical fiber transmission system 8-90506
- Kobayashi, I.** see Koyama, M. 8-90503
- Kobayashi, J., Takahashi, T., Hosokawa, T., Uesu, Y.** A new method for measuring the optical activity of crystals and the optical activity of KH_2PO_4 8-52466
- Kobayashi, J., Uesu, Y., Hosokawa, T.** Electrooptic properties of some improper ferroelectrics 8-76426
- Kobayashi, J.** see Uesu, Y. 8-76430
- Kobayashi, K., Ishibashi, H.** Solution of two-dimensional neutron diffusion equation for triangular region by finite Fourier transformation 8-78432
- Kobayashi, K., Kimura, I.** Fission spectrum averaged cross section for the $^{231}Pa(n,f)$ reaction 8-70576
- Kobayashi, K., Okuyama, H., Kato, T., Yasuda, T.** Fiberoptic catheter-tip micromanometer 8-73270
- Kobayashi, K.** see deV. Klein, G. 8-65256
- Kobayashi, K.** see Fujii, Y. 8-51628
- Kobayashi, K.** see Krivanek, O.L. 8-49941
- Kobayashi, K.** see Kudo, K. 8-76954
- Kobayashi, K.** see Kurita, S. 8-60486
- Kobayashi, K.** see Liou, H.I. 8-78371
- Kobayashi, K.** see Makino, K. 8-68627
- Kobayashi, K.** see Minemura, K. 8-55450
- Kobayashi, K.** see Takahai, K. 8-64398
- Kobayashi, K.** see Takayanagi, K. 8-55790
- Kobayashi, K.** see Yoshida, S. 8-60755, 8-80646
- Kobayashi, K.K.** Phase transition in a coupled phonon-linear Heisenberg chain system 8-64208
- Kobayashi, K.L., Kato, Y., Komatsubara, K.F.** Crystal growth and assessment of $Sr_{1-x}Pb_x$ -Te mixed crystals 8-80463
- Kobayashi, M.** Green's function technique for solving anisotropic electrostatic field problems 8-70998
- Kobayashi, M.** Application techniques on stainless steels 8-85114
- Kobayashi, M., Katsumata, K.** Isotropic state in a random mixture of two anisotropic antiferromagnets 8-84396
- Kobayashi, M., Nakagiri, K., Urabe, S., Shibuki, M., Saburi, Y.** Design and preliminary result on a cesium beam standard at the RRL 8-89456
- Kobayashi, M., Shamaly, A.** Minimal electromagnetic coupling for massive spin-two fields 8-70270
- Kobayashi, M., Takesawa, K., Yokota, I.** Carrier concentration dependence of ultrasonic attenuation in piezoelectric semiconductors 8-72206
- Kobayashi, M., Yamada, Y.** Contribution of ion-ion interaction to thermal conductivity of one-dimensional ionic conductor 8-55977
- Kobayashi, M., Yamamoto, M., Miyagawa, O.** Effect of precipitation hardening on the fatigue strength 8-84829
- Kobayashi, M.** see Someno, M. 8-56945
- Kobayashi, M.** see Takahashi, Y. 8-93808
- Kobayashi, M.** see Taniguchi, M. 8-84251
- Kobayashi, M.** see Tervi, H. 8-63203
- Kobayashi, N.** Power required to form a floating zone and the zone shape 8-60568
- Kobayashi, N., Itoh, Y., Kaneko, Y.** Vibrational excitation of CO, CO_2 and N_2O by Li^+ impact in the energy range from 70 eV to 1500 eV 8-82824
- Kobayashi, N.** see Kaneko, Y. 8-87428
- Kobayashi, N.** see Keyes, R.W. 8-83901
- Kobayashi, N.** see Tsuchiya, A. 8-89079
- Kobayashi, O., Takahashi, K.** Instability of classical solution in an $SU(2)$ gauge model 8-93806
- Kobayashi, S.** Applications of acoustic emission to rock mechanics 8-56845
- Kobayashi, S., Satoh, T., Tanaka, M.** Accuracy of time comparison by the reception of JJY signals propagating via the E region 8-65910
- Kobayashi, S.** see Duke, T. 8-61688
- Kobayashi, S.** see Fukunishi, K. 8-94105
- Kobayashi, S.** see Ishikawa, T. 8-67836
- Kobayashi, S.** see Mizuno, M. 8-52530
- Kobayashi, S.** see Nakamura, M. 8-54754
- Kobayashi, S.** see Shimoda, S. 8-83724
- Kobayashi, T.** Degradation of cross-polarization isolation due to rain 8-69417
- Kobayashi, T.** A study of electrode process by potential sweep voltammetry. II. Influence of inorganic anion on current-potential curve of acetate aqueous solution 8-85172
- Kobayashi, T.** A study of electrode process by potential sweep voltammetry. III. Influence of NO_3^- and SO_4^{2-} on current-potential curve of carboxylate aqueous solution 8-85173
- Kobayashi, T., Osanai, H., Sato, M., Takata, H., Nakahara, M.** Tensile strength of optical fiber by furnace drawing method 8-68666
- Kobayashi, T., Susa, K., Taniguchi, S.** High-pressure phase-equilibrium study of the solid solution systems $Cd_{1-x}M_xS$ ($M=Mg, Ca, Sr$) with the rock-salt structure 8-52777
- Kobayashi, T., Wakita, K., Kawakami, T., Iwane, G., Horikoshi, Y., Seki, Y., Furukawa, Y.** Accelerated life test of AlGaAs-GaAs DH lasers 8-66830
- Kobayashi, T.** see Hirata, K. 8-82166, 8-82186
- Kobayashi, T.** see Kohsaka, M. 8-61278
- Kobayashi, T.** see Mimura, Y. 8-60323, 8-84428
- Kobayashi, T.** see Narahara, Y. 8-79849
- Kobayashi, T.** see Ota, T. 8-88435
- Kobayashi, T.** see Otsu, Y. 8-85671

- Kobayashi, T.** see Susa, K. 8-53199
- Kobayashi, T.** see Takahashi, K. 8-56683
- Kobayashi, T.** see Takahashi, S. 8-55373
- Kobayashi, Y.** Applicability study on fault-tree-analysis code package SUPKIT 8-54847
- Kobayashi, Y.** Current mechanism of Ag-n-type Si Schottky-barrier diode under uniaxial pressure 8-91771
- Kobayashi, Y.** see Barkatt, A. 8-64865
- Kobayashi, Y.** see Kunio, T. 8-64660
- Kobayashi, Y.** see Oishi, M. 8-81591
- Kobayashi, Y.** see Ujihira, Y. 8-56541
- Kobayshi, S.** see Sakaguchi, H. 8-78297
- Kobe, D.H.** Derivation of Maxwell's equations from the local gauge invariance of quantum mechanics 8-54109
- Kobe, D.H., Smirl, A.L.** Gauge invariant formulation of the interaction of electromagnetic radiation and matter. [Teaching] 8-62006
- Kobeissi, M.A., Hohenemser, C.** High precision Mossbauer furnace for 1100K 8-66021
- Kobeissi, M.A., Lee Chow, Hohenemser, C.** Mossbauer energy shift near the Curie temperature of Fe 8-52388
- Kobele, A.V.** see Kobeleva, R.M. 8-52056
- Kobele, R.M., Rozental', O.M., Kobele, A.V.** Theory of the electronic component of the force of interaction between metals 8-52056
- Kobets, L.P., Gunyaev, G.M.** Resistance to interlayer shear of plastics on a carbon filament base 8-68752
- Kobierecki, M.** see Ozarski, R. 8-59037
- Kobizskoi, V.I.** see Volovik, V.D. 8-87726
- Kobler, U., Schober, T.** Susceptibility and phase diagram of the Ta-H system 8-84778
- Koblinger, L.** Calculation of exposure rates from gamma sources in walls of dwelling rooms 8-73260
- Koblinger, L., Lux, I.** Comparison of the efficiencies of track length and collision density estimators for three simple geometries 8-82413
- Kobliskha, R.J.** see Giess, E.A. 8-91909
- Kobliska, R.J., Aboaf, J.A., Gangulee, A., Cuomo, J.J., Klokholm, E.** Amorphous ferromagnetic thin films 8-91881
- Kobliska, R.J.** see Gangulee, A. 8-80182
- Koblova, O.E.** see Semenov, N.N. 8-84758
- Kobori, O.** see Iwashimizu, Y. 8-94460
- Kobori, T.** see Fukuda, K. 8-94810
- Kobori, T.** see Yokomizo, O. 8-54814
- Kobos, A.M.** see Mackintosh, R.S. 8-58273
- Kobos, A.M.** see Wall, N.S. 8-70501
- Kobozev, E.K.** see Denisuk, G.V. 8-83070
- Kobrin, I.K.** see Preobrazhensky, V.B. 8-84342
- Kobrin, M.M., Korshunov, A.I., Arbuzov, S.I., Pakhomov, V.V., Fridman, V.M., Tikhomirov, Yu.V.** Manifestation of pulsation instability in solar radio emission preceding proton flares 8-53911
- Kobrin, M.M., Snegirev, S.D., Fridman, V.M.** On the connection of changes in flux and slope of the spectrum of the solar radio emission at $\lambda=3$ cm with bursts of soft X-ray radiation 8-93194
- Kobrin, M.M.** see Bystrov, M.V. 8-69291
- Kobushkin, A.P.** Deuteron electromagnetic form factors at large transferred momentum 8-89715
- Kobushkin, A.P., Shelest, V.P.** Relativistic equations for bound states of quarks 8-70333
- Kobussen, J.A.** Relation between Nambu mechanics and generalised Hamiltonian mechanics 8-93526
- Kobyakov, V.V.** see Sharf, V.G. 8-68979
- Kobyanski, A.** see Millour, J.P. 8-52888
- Kobylnsky, N.A.** see Bugrii, A.I. 8-89686
- Kobytev, V.S.** see Starenchenko, V.V. 8-84909
- Kobzar, L.L.** see Aden, V.G. 8-94086
- Kobzar, V.M.** Laboratory measurements of thermal conductivity of sediments by probes equipped with semiconductor temperature sensors 8-65431
- Kobzar', V.M., Malanova, G.P., Mishchuk, I.T.** Bottom configuration and magnetic field of an angular elevation area 8-85531
- Kobzareno, V.N., Donika, F.G., Zhitar', V.F., Radautsan, S.I.** High resistance photosensitive ZnIn₂S₄ films 8-52677
- Kobzaruk, A.V., Karpenko, G.V.** Kinetics of the steady-state electrode potential of steel specimens in sea water low-cycle loading 8-56802
- Kobzev, A.P.** On directivity of Vavilov-Cherenkov radiation 8-55291
- Kobzev, G.A.** see D'yachkov, L.G. 8-91152
- Kocanda, S.** Fatigue failure of metals 8-76747
- Kocanda, S., Kozubowski, J.A.** On the microstructure of the fatigue fracture surfaces in titanium 8-60834
- Kochach, L.** see Aashamar, O. 8-90283
- Kocer, D.** A simple approximation method for computing radial wave functions and its application to the calculation of the dipole absorption oscillator strengths 8-62111
- Kocevar, P., Fitz, E.** The influence of acoustic phonon disturbances on the conductivity of piezo-electric semiconductors 8-91697
- Koch, A.A., Maix, R.K., Nylund, K.** Insulation systems for magnets used in experiments for nuclear fusion and high energy research 8-89506
- Koch, C.** see Kunstle, K. 8-78488
- Koch, E.E.** see Behrend, H.-J. 8-62668
- Koch, E.E.** see Braun, W. 8-87865
- Koch, E.E.** see Peatman, W.B. 8-94294
- Koch, H.** see Beetz, R. 8-54806
- Koch, H.** see Pavlopoulos, P. 8-62443
- Koch, H.** see Poth, H. 8-70979
- Koch, H.** see Suffert, M. 8-54642
- Koch, H.R.** see Greenwood, R.C. 8-89819
- Koch, H.R.** see von Egidy, T. 8-66215
- Koch, J., Bissem, H.H., Krause, H., Scobel, W.** A linear gate with prescaled window 8-74548
- Koch, J.F.** see Beinvogl, W. 8-64364, 8-68063
- Koch, J.F.** see Schaber, H. 8-52475, 8-64349
- Koch, L.** Possibilities of verification of input analysis in reprocessing of nuclear fuels 8-70623
- Koch, L.** see Brandalise, B. 8-55120
- Koch, M.H.J.** see Christen, R.R. 8-77021
- Koch, P., Skalfuris, A.J.** Radiative origins of the solar corona 8-96448
- Koch, P.M.** Resonant states in the nonperturbative regime: The hydrogen atom in an intense electric field 8-70786
- Koch, R.** Experimental and theoretical investigations for the design of flux mapping systems in HTR pebble bed reactors 8-82430
- Koch, R.** see Baacke, J. 8-54536
- Koch, R.** see Waterstrat, R.M. 8-76632
- Koch, R.A., Tang, W.M.** Doppler model for adiabatic toroidal compressor driftwave frequency profiles 8-71471
- Koch, R.H., Sutton, C.S., Choi, K.H., Kjer, D.E., Arquilla, R.** The young close binary HD 47732 in NGC 2264 8-57575
- Koch, W., Lutz, O., Nolle, A.** Fourier transform NMR investigations of ⁷⁷Se in aqueous solutions 8-95528
- Koch, W.** see Brandelik, R. 8-62416
- Kochan, V.A., Obelenyskaya, K.M., Zanichkovskaya, L.V., Sachenko, A.A., Kochan, V.V.** Temperature convertor with correction for nonlinearity error 8-70124
- Kochan, V.A., Pozdnyakov, Yu.V., Deineka, P.A., Kochan, V.V., Sachenko, A.A.** Optimization of the parameters of a unit for precise compensation of the thermo-EMF of the cold junctions of thermoelectric thermometers 8-86270
- Kochan, V.V.** see Kochan, V.A. 8-70124, 8-86270
- Kochanov, V.P.** see Atutov, S.N. 8-49912
- Kochanova, L.A.** see Savenko, V.T. 8-53000
- Kocharov, G.E.** Integrated study of the Sun and isotopic ecology 8-61829
- Kocharov, G.E.** see Abragimov, I.A. 8-57527
- Kocharov, G.E.** see Dergachev, V.A. 8-61477
- Kocharov, N.G.** see Katrukhin, Yu.K. 8-57990
- Kocharova, Zh.L.** see Varlamov, V.G. 8-89840
- Kocharyan, L.A.** see Gabrielyan, R.G. 8-52411
- Kochel, R.C.** see Moss, J.H. 8-77280
- Kochelap, V.A.** see Izmailov, I.A. 8-63100
- Kochelev, N.I., Telnov, V.I.** Method of X-ray detection by a proportional chamber with high accuracy in both coordinates 8-86739
- Kochemirovskii, A.S.** see Kolomiets, B.T. 8-80038
- Kochendoerfer, A.** Intermediate fracture stress and fracture initiation mode transitions in the brittle fracture of structural steels 8-60802
- Kochendoerfer, A.** see Koropp, J. 8-84903, 8-84904
- Kochenkov, V.A., Mikhailov, V.I., Naek, V.S., Porukhin, A.I., Skorobogat, S.L., Slivkov, I.N.** Multichannel recorder for measuring current density distribution over cross section of beam from pulsed electron accelerator 8-58520
- Kocher, D.J.** see Bosetti, P.C. 8-70357
- Kocher, D.J.** see Grassler, H. 8-62466
- Kochergin, E.V.** see Ivanchenko, Yu.M. 8-91777
- Kochergin, V.P.** see Marchuk, G.I. 8-96220
- Kochergin, Yu.S., Travnikova, A.P., Askadskii, A.A., Krongauz, E.S., Slonimskii, G.L., Korshak, V.V.** Study of the dynamic mechanical properties of networks on the basis of polyphenylquinoxaline and cyclotriphosphazene hexaithiocyanate 8-72809
- Kocherginskii, N.M., Shitov, V.T., Moshkovskii, Yu.Sh., Davydov, R.M.** Modelling the non-enzymatic influence of the membranes of the kinetics chemical reactions 8-64945
- Kocherov, N.P.** see Bogdanov, A.I. 8-94169
- Kochervinskii, V.V.** see Kornukhina, T.A. 8-52470
- Kocheryzhnikov, G.V., Matveyev, S.K.** Numerical analysis of behavior of turbulent boundary layers on a permeable plate with boundary-layer control by blowing 8-67186
- Kocheryzhnikov, G.V., Matveyev, S.K.** Improved law of the wall and its application to calculation of turbulent boundary layers with injection (or suction) 8-67187
- Kocherzhevskii, V.G.** see Erokhin, G.A. 8-82889
- Kochetkov, A.F.** Effective area of a gas-lubricated piston manometer 8-93714
- Kochetkov, V.I.** see Asratyan, A.E. 8-62389
- Kochetkova, G.V., Makeeva, A.I.** A qualitative method for monitoring the chemical corrosion of glass 8-85068
- Kochetov, Yu.V., Tarusov, B.N.** Chemiluminescence of aldehyde-preserved plant tissues on exposure to salts of heavy metals 8-77160
- Kochev, K.D.** see Kanev, S.K. 8-80382
- Kochhar, R.K.** On the stability of helical velocity and magnetic fields 8-73624
- Kochkelmann, H.** see Hauk, V. 8-52883
- Kochowski, C.** see Bell, J. 8-54625, 8-93872, 8-93873
- Kochowski, C.** see Erriquez, O. 8-78170
- Kochowski, S., Opilski, A.** Concentration and mobility of charge carriers in thin polycrystalline films of bismuth 8-52111
- Kochubeev, G.A.** see Zenkevitch, E.I. 8-64924
- Kochubei, D.I.** see Asinovsky, E.I. 8-66879, 8-87117
- Kochubei, S.A., Lisitsyn, V.N., Sorokin, A.R., Chapovskii, P.L.** High-pressure tunable atomic gas lasers 8-50755
- Kochubei, V.A.** see Krasnoperova, A.A. 8-62823
- Koci, M., Kral, M.V., Novak, V., Syrovatko, M.** An original method of recording the kinetics of heart contraction 8-77138
- Kocian, P.** Radial gradient of the electron density in a cylindrical discharge plasma in electronegative gases 8-87433
- Kocian, P., Mayor, J.M.** Atomic species in the low-pressure discharge plasma in oxygen 8-67502
- Kociszewski, L.** The problem of making glass fibres for the fibre optics 8-83130
- Kock, T.** see Ysenbrandt, H.J.B. 8-80996
- Kocka, J.** Influence of contacts on the AC conductivity of glasses 8-76076
- Kocka, R.F.** Brittle lacquer for acoustic testing of structure 8-53045
- Kockarts, G.** see Barlier, F. 8-69555
- Kockelmann, H.** see Hauk, V. 8-52885
- Kocker, C.A.** Point-multipole expansions for charge and current distributions 8-61992
- Kocks, U.F., Cost, J.R., Evans, A.G.** Mechanical properties 8-88497
- Kocsis, S.** Determination of doping parameters in GaP by means of Hall data analysis 8-51925
- Koczorowska, L., Wrzeczono, A., Drzazga, Z.** Domain structure in MnAu, 8-91883
- Koczy, L.** see Geleji, F. 8-76709
- Koda, S.** Emission and energy transfer of triplet difluoromethylene produced in the reaction of oxygen atoms with tetrafluoroethylene 8-53196
- Koda, S.** see Yano, S. 8-68700
- Koda, T.** see Shibata, S. 8-59222
- Kodaira, H., Shimotoho, H., Kondo, S., Togo, Y.** Method of experimental power reactor noise analysis without use of high power reactor 8-54840
- Kodaira, J., Sasaki, K.** Analysis of hadronic decays of ψ/ψ' particles in generalised Veneziano models 8-58182
- Kodaira, J., Uematsu, T.** How can we properly define the Q^2 dependent parton distribution function in QCD? 8-93857
- Kodaira, K., Tanaka, W., Onaka, T., Watanabe, T., Yoshida, H.** Near-infrared photometry of late-type stars with balloon-borne telescope 8-73713
- Kodaira, K.** see Ito, S. 8-52651
- Kodaira, K.** see Tanaka, W. 8-61850
- Kodaira, K.** see Watanabe, T. 8-81617
- Kodama, H.** see Hayashi, C. 8-55507
- Kodama, K., Niimi, T.** Oscillatory magnetoresistance of p-type CdCr₂Se₄ single crystals 8-52011
- Kodama, K., Uyeda, S., Isezaki, N.** Paleomagnetism of Suiko seamount, Emperor seamount chain 8-57162
- Kodama, K.P., Cox, A.** The effects of a constant volume deformation on the magnetization of an artificial sediment 8-65265
- Kodama, M., Nakai, K., Wada, M.** Development of cosmic-ray snow gauge. III 8-69498
- Kodama, M.** see Abe, T. 8-58537
- Kodama, M.** see Mihara, M. 8-66453
- Kodama, M.** see Tsuchida, E. 8-52961, 8-63288
- Kodama, M.** see Yamagami, T. 8-61644
- Kodama, S.** see Nishimura, T. 8-51070
- Kodama, T., Chung, K.C., Teixeira, A.F.d.A.** Bound states of nonlinear scalar field 8-77778
- Kodama, Y.** Higher order approximation in the reductive perturbation method. II. The strongly dispersive system 8-73926
- Kodama, Y., Taniuti, T.** Higher order approximation in the reductive perturbation method. I. The weakly dispersive system 8-73925
- Kodama, Y.** see Asada, S. 8-85262
- Kodama, Y.** see Fukano, T. 8-59195

- Kodama, Y.** *see* Goto, H. 8-87283
- Kodate, K.**, Takenaka, H., Kamiya, T., Yanai, H. Analysis of two-dimensional etching effect on the profiles of fine holographic grating made of positive photoresist AZ2400 8-82928
- Kodde, L.**, Nieuwenhuizen, J.C.A., Massen, C.H. The influence of platform geometry on stabilograms 8-81038
- Kodde, L.** *see* Hamer, A. 8-80893
- Kodymova, J.** *see* Laska, L. 8-63628
- Kodzhespirov, F.F.** *see* Suslina, L.G. 8-56071
- Koehlin, F.**, Samain, A. Transport induced by drift wave fluctuations in Tokamaks 8-94894
- Koehlin, F.** *see* Adam, J. 8-71473
- Koeckelenbergh, A.** A.L.J. Quelelet and the spread of the sciences in Belgium during the 19th century 8-65742
- Koegler, C.A.** *see* Kilambi, G.C. 8-53965
- Koehler, A.M.** *see* Raju, M.R. 8-85379
- Koehler, A.M.** *see* Sisterson, J.M. 8-86536
- Koehler, P.F.M.** *see* Snyder, J.H. 8-89738
- Koehler, S.W.** *see* Wooden, J.L. 8-77196
- Koehler, T.R.**, Trickey, S.B. Euler vectors and rotations about an arbitrary axis 8-62011
- Koehler, W.C.** *see* Moon, R.M. 8-68163
- Koehler, W.K.**, Fleissner, G. Internal desynchronization of bilaterally organised circadian oscillators in the visual system of insects 8-80875
- Koel, G.J.** *see* Kelly, J.J. 8-92375
- Koeling, T.** A calculation of neutron capture γ -ray spectra 8-94006
- Koelling, D.D.** *see* Arko, A.J. 8-72068
- Koelling, D.D.** *see* Harmon, B.N. 8-91609
- Koelsch, M.F.** *see* Duchemin, M.J.-P. 8-56586
- Koeman, H.** *see* Kahler, W.C. 8-77931
- Koen, M.A.** *see* Khazanov, G.V. 8-69565, 8-77395
- Koen, P.A.**, Moskowitz, G.D., Shaffer, T.H. Instrumentation for measuring functional residual capacity in small animals 8-53590
- Koenderink, J.J.**, Bouman, M.A., Bueno de Mesquita, A.E., Slappendel, S. Perimetry of contrast detection thresholds of moving spatial sine wave patterns. I. The near peripheral visual field (eccentricity 0° - 8°) 8-69069
- Koenderink, J.J.**, Bouman, M.A., Bueno de Mesquita, A.E., Slappendel, S. Perimetry of contrast detection thresholds of moving spatial sine wave patterns. II. The far peripheral visual field (eccentricity 0° - 50°) 8-69070
- Koenderink, J.J.**, Bouman, M.A., Bueno de Mesquita, A.E., Slappendel, S. Perimetry of contrast detection thresholds of moving spatial sine wave patterns. III. The target extent as a sensitivity controlling parameter 8-69071
- Koenderink, J.J.**, Bouman, M.A., Bueno de Mesquita, A.E., Slappendel, S. Perimetry of contrast detection thresholds of moving spatial sine wave patterns. IV. The influence of the mean retinal illuminance 8-69072
- Koene, B.K.S.** *see* Anderson, A.N. 8-74368
- Koenig, C.** On the positron localization in ordered and disordered metallic alloys 8-79962
- Koenig, J.F.**, Chang, L.K., Cutforth, D.C., Feldman, E.E., Meneghetti, D., Rempert, R.H., Seidel, B.R. Effects of power and irradiation behavior on EBR-II blanket management 8-86595
- Koenig, J.L.**, Antoon, M.K. Recent applications of FT-IR spectroscopy to polymer systems 8-58870
- Koenig, J.L.** *see* Ishida, H. 8-60642, 8-60643, 8-76943, 8-86854, 8-86855
- Koenig, R.F.** *see* Quay, R. 8-50390
- Koenings, J.** *see* Kuppers, D. 8-95699
- Koenitzer, H.** *see* Buchi, R. 8-64894
- Koepf, G.A.** Scaling of the CW optically pumped submillimeter laser 8-55341
- Koepf, G.A.**, Smith, K. The CW-496 μ m methylfluoride laser: Review and theoretical predictions 8-55343
- Koepke, P.**, Quenzel, H. Water vapor: spectral transmission at wavelengths between 0.7 μ m and 1 μ m 8-85685
- Koepke, P.** *see* Bakan, S. 8-61554
- Koerner, R.M.** Ice thickness measurements and their implications with respect to past and present ice volumes in the Canadian High Arctic ice caps 8-61439
- Koersner, I.** *see* Sundqvist, B. 8-82342
- Koester, D.** The space density of hot white dwarfs 8-61856
- Koester, L.**, Knopf, K., Waschkowski, W. Interactions of slow neutrons with the chromium isotopes 8-70539
- Koester, V.J.**, Dowben, R.M. Subnanosecond single photon counting fluorescence spectroscopy using synchronously pumped tunable dye laser excitation 8-86355
- Koetke, D.D.** *see* Dombeck, T. 8-82255
- Koffend, J.B.**, Field, R.W., Guyer, D.R., Leone, S.R. Pulsed and CW optically pumped lasers for novel applications in spectroscopy and kinetics 8-90413
- Koffend, J.** Brooke *see* Brooke Koffend, J.
- Kofflerlein, R.** High speed development of electrostatic images 8-62249
- Koffyberg, F.P.** Semiconducting TiO_2 - SiO_2 glasses. I. Electronic conductivity 8-60126
- Koffyberg, F.P.** Semiconducting TiO_2 - SiO_2 glasses. II. Optical properties 8-60412
- Kofman, R.J.**, Mielnik, E.M., Ramberg, J.S. Design, evaluation and implementation of an automated nondestructive leak test for integrated-circuit assemblies 8-53180
- Koga, H.**, Uchiyama, Y., Aki, T. Effect of the iron concentration in the zinc bath on the reaction between solid iron and liquid zinc 8-85037
- Koga, K.** *see* Hattori, H. 8-61277
- Koga, K.** *see* Shimizu, M. 8-56375
- Koga, M.**, Asami, K., Terasawa, M. Observation of fatigue fracture surface on tufted steel (comparison between those in air and in pure water) 8-52951
- Koga, M.** *see* Iso, Y. 8-53547
- Koga, S.** *see* Kaneshima, S. 8-53589
- Koga, T.** *see* Kamiwano, M. 8-95872
- Koga, T.** *see* Nakatsuji, H. 8-60997
- Koga, Y.** *see* Yoda, J. 8-62184
- Kogan, A.**, Lornie, P.R.G., Jones, G.D., Nixon, M.R., Price, H.G., Wadsworth, R., Twin, P.J. Gamma-ray studies of the odd-parity states in Zn isotopes. I. ^{65}Zn 8-50120
- Kogan, A.** *see* Lornie, P.R.G. 8-62483
- Kogan, A.** *see* Simister, D.N. 8-70424
- Kogan, A.V.** Some relationships between optical and metrological characteristics in temperature measurement by optoelectronic systems 8-77919
- Kogan, A.V.** Effect of aberrations on the metrological characteristics during temperature measurement by radiation pyrometers 8-77920
- Kogan, E.L.** Three-dimensional numerical model of a warm cumulus cloud with microphysical processes 8-88884
- Kogan, I.S.** *see* Roikh, I.L. 8-56804
- Kogan, L.L.**, Bakaev, V.I., Gul'man, M.B., Grashkin, G.N., Korepanov, V.M., Mironov, Yu.V., Simonovskii, V.L., Frank, E.B. Automated shipboard acquisition and processing for offshore geophysical data 8-53750
- Kogan, L.L.** *see* Golikov, V.M. 8-67850
- Kogan, L.R.**, Matveenko, L.I., Chesalin, L.S. Autocorrelation analysis of the spectra of H_2O sources 8-65713
- Kogan, L.R.** *see* Genzel, R. 8-61901
- Kogan, L.R.** *see* Matveenko, L.I. 8-69693, 8-69865
- Kogan, L.R.** *see* Pauliny-Toth, I.I.K. 8-69902
- Kogan, R.M.**, Pixton, R.M., Crow, T.G. High-efficiency frequency doubling of Nd:YAG 8-59088
- Kogan, R.M.**, Pixton, R.M., Crow, T.G. High-efficiency frequency doubling of Nd:YAG 8-79071
- Kogan, Sh.M.** Effect of temperature, electric field, and illumination on the profile of an impurity photoconductivity spectrum 8-56190
- Kogan, Sh.M.** New experimental investigations on the 1/f noise mechanism 8-64076
- Kogan, V.G.** On the thermodynamics of the inhomogeneous mixed phase of an ideal type II superconductor 8-84365
- Kogan, V.G.** Macroscopic current in a wire of an ideal type II superconductor in a longitudinal field 8-84366
- Kogan, Ya.D.** *see* Lakhtin, Yu.M. 8-56814, 8-95857
- Koganov, M.M.** *see* Ksenzhek, O.S. 8-69001
- Kogelnik, H.** Coupler equations for tapered beam-to-film couplers and their solutions [integrated optics] 8-55472
- Kogelnik, H.** Review of integrated optics 8-66948
- Kogerler, R.** The new particles—a study in non-relativistic versus relativistic physics. I. Theoretical preliminaries and the charmonium spectrum 8-50010
- Kogerler, R.** The new particles—a study in non-relativistic versus relativistic physics. II. Decays of the charmonium states 8-58221
- Kogiso, K.** *see* Yajima, N. 8-94924
- Kogitz, S.**, Logan, R.K., Tanaka, S. Energy dependence of quark line rules and the quark rearrangement model 8-70320
- Koglin, E.**, Schenk, H.J., Schwochau, K. Spectroscopic studies on the binding of uranium by brown coal 8-82855
- Koglin, E.** *see* Wohn, F.K. 8-78318
- Koglin, E.** *see* Wunsch, K.D. 8-93975
- Kogoma, M.** *see* Arai, S. 8-66547
- Kogoshi, S.**, Sato, K.N., Sekiguchi, T. Behaviour of laser-produced high- β plasmas in a spindle-cusp magnetic container 8-59650
- Kogure, O.** *see* Kawachi, M. 8-75537
- Kogure, T.** *see* Hirayama, Y. 8-65705
- Kogut, A.N.** *see* Mikolajchuk, A.G. 8-88385
- Kogut, J.** *see* Jones, D.R.T. 8-74154
- Kogut, N.S.**, Tagirov, M.Z., Berdnikov, O.V. Effect of preliminary loading conditions in crack application on the value of crack resistance of materials 8-56739
- Kogut, P.M.**, Straley, J.P. An approximate calculation of the dimensionality dependence of the resistor lattice conductivity exponent 8-60099
- Koh, J.C.**, Dutton, J.L., Benson, B.A., Fortini, A. Friction factor for isothermal and nonisothermal flow through porous media 8-91008
- Koh Youn Kyu** *see* Youn Kyu Koh
- Kohansson, K.L.V.** A photoelectric UVB sequence in the region of the wing of the Small Magellanic Cloud 8-69874
- Kohanzadeh, Y.** *see* Hamadani, S.M. 8-51329
- Kohara, S.**, Muto, N. The effect of metal additives on the wetting and adherence of aluminum to graphite 8-60008
- Kohara, T.** *see* Miwa, M. 8-60694
- Kohata, M.** *see* Ushirokawa, A. 8-61700
- Kohberger, R.C.**, Scavia, D., Wilkinson, J.W. A method for parameter sensitivity analysis in differential equation models 8-81453
- Kohgi, M.**, Ishikawa, Y., Radhakrishna, P. Neutron scattering study of spin waves in an antiferromagnet FePt_2 8-91856
- Kohl, C.P.** *see* Finkel, R.C. 8-57512
- Kohl, D.**, Moorman, H., Heiland, G. Correlated behaviour of Hall mobility and work function in the case of accumulation layers on ZnO crystals 8-60185
- Kohl, D.** *see* Heiland, G. 8-95323
- Kohl, J.-G.**, Predel, B. Measurement of chemical and intrinsic diffusion coefficients in liquid Pb-Bi alloys at 621K by the shear cell technique 8-83987
- Kohl, J.L.**, Lafyatis, G.P., Palenius, H.P., Parkinson, W.H. Absolute cross section for photoionization of atomic oxygen 8-94218
- Kohl, W.** *see* Olmi, A. 8-82375
- Kohler, D.A.** *see* Eggers, D.F., Jr. 8-86868
- Kohler, D.R.**, Weiss, P.B. Use of pyroelectric vidicons for measurements on CO_2 laser systems 8-49907
- Kohler, H.** Qualitative application of the speckle-shearing-moire-method 8-82015
- Kohler, H.-J.**, Lischka, H. Ab initio calculations including electron correlation, and MINDO/3 calculations on the system C_2H_4^+ 8-94197
- Kohler, H.W.** The Viking Mars programme in retrospect 8-93139
- Kohler, J.** A new artificial heart valve with a convex closing body 8-81066
- Kohler, W.E.**, Knaap, H.F.P., Eggermont, G.E.J., 't Hooft, G.W. Kinetic theory of nonequilibrium alignment phenomena in dilute polyatomic gases in external magnetic and electric fields 8-71414
- Kohler, W.E.** *see* Besieris, I.M. 8-94477
- Kohler-Jobin, M.-T.** On the first proper function of a membrane: an extension to N dimensions of the isoperimetric inequality of Payne-Rayner 8-54323
- Kohli, J.M.** *see* Kaur, M. 8-70568
- Kohlmaier, G.H.** *see* Sire, E.O. 8-90268, 8-90269
- Kohman, L.** *see* Graczyk, J. 8-76896
- Kohn, K.** *see* Udagawa, M. 8-64373
- Kohn, M.** *see* Gimarc, B. 8-82647
- Kohn, M.C.** *see* Gimarc, B.M. 8-74790
- Kohn, W.** *see* Lau, K.H. 8-71997
- Kohnen, H.** *see* Bressers, J. 8-54498
- Kohnen, R.H.** *see* Bressers, J. 8-83841
- Kohnke, P.C.** Large deflection analysis of frame structures by fictitious forces 8-83249
- Kohnno, H.** *see* Hamatsu, R. 8-66141
- Kohnno, J.** *see* Maeda, M. 8-90459
- Kohnno, J.-I.** *see* Maeda, M. 8-74922
- Kohnno, K.** *see* Hattori, H. 8-61277
- Kohnno, M.**, Tamagaki, R., Nagata, S. Reaction matrix calculations for neutron-rich He-isotopes 8-66225
- Kohnno, M.** *see* Ando, K. 8-93925
- Kohnno, M.** *see* Iida, S. 8-60266
- Kohnno, T.**, Miike, H., Ebina, Y. The instability of planar texture in cholesteric and nematic mixture with the negative dielectric anisotropy 8-59739
- Kohnno, T.**, Yajima, N. A scanning Fabry-Perot interferometer and its application to space research. VI. A balloon-borne interference spectrometer 8-57442
- Kohnno, T.**, Yajima, N., Suemoto, Z. Observations of the solar ultraviolet Mg II doublet. III 8-61831
- Kohnno, T.** *see* Kosugi, Y. 8-92759
- Kohoutek, L.** *see* de Vegt, Chr. 8-77514
- Kohoutek, L.** *see* Lagerkvist, C.-I. 8-77515
- Kohra, K.**, Ando, M., Matsushita, T. X-ray characterization of single crystals for devices with multiple crystal arrangement 8-83651
- Kohra, K.**, Ando, M., Matsushita, T., Hashizume, H. Design of high resolution X-ray optical system using dynamical diffraction for synchrotron radiation 8-62277
- Kohra, K.** *see* Amemiya, Y. 8-88774
- Kohra, K.** *see* Hashizume, H. 8-62283

- Kohra, K.** *see* Iida, A. 8-55784
- Kohsaka, M.**, Sasaki, M., Yamaguchi, S., Ikawa, K., Kobayashi, T., Takechi, K., Takada, Y. Multi-directional X-ray diagnostic table with CASSETTELESS spotfilm device 8-61278
- Kohser, R.A.** *see* Avitzur, B. 8-85004
- Kohyama, A.** *see* Igata, N. 8-87663
- Kohyama, S.** *see* Matsunaga, J. 8-88031
- Kohyama, Y.** *see* Itoh, N. 8-93990
- Koicki, S.** *see* Bogdanovic, M. 8-50084
- Koidan, W.**, Hruska, G.R. Acoustical properties of the National Bureau of Standards anechoic chamber 8-87217
- Koide, H.** *see* Yukimura, K. 8-87559
- Koide, M.** *see* Totani, T. 8-58053
- Koide, S.** *see* Nishinari, K. 8-72458
- Koide, Y.** *see* Katuya, M. 8-58161
- Koike, H.** *see* Sakudo, N. 8-70224
- Koike, H.** *see* Tokiguchi, K. 8-55071, 8-82073
- Koike, J.** *see* Kanada, H. 8-89676
- Koike, K.** *see* Awaka, J. 8-85670
- Koike, T.** *see* Nakae, N. 8-52020
- Koike, Y.** Three-body calculation of the $^2\text{H}(\alpha, p)n$ reaction 8-70546
- Koike, Y.**, Suematsu, H., Higuchi, K., Tanuma, S. Superconductivity in graphite-potassium intercalation compound C_8K 8-91827
- Koiller, B.** *see* Brandi, H.S. 8-86937
- Koiller, B.** *see* De Queiroz, S.L.A. 8-63762
- Koinov, Z.** *see* Pushkarov, D. 8-60004
- Kois, J.P.** *see* Lawson, C.G. 8-50398
- Koithara, J.**, Chandra, D. Field results on the relative performance of Laterolog 7 and normal devices 8-61574
- Koivisto, E.** *see* Kiviniitty, K. 8-53503
- Koiwa, M.** A modified derivation of the correlation factor in tracer diffusion via vacancy mechanism 8-87809
- Koiwa, M.** *see* Ishioka, S. 8-71876
- Koiwa, M.** *see* Shibata, K. 8-95773
- Koiwa, M.** *see* Takahashi, J. 8-67708
- Koizumi, G.** *see* Heller, M. 8-70689
- Koizumi, I.** *see* Yukitoshi, T. 8-54834
- Koizumi, M.** Final generic environmental statement on the use of recycle plutonium in mixed oxide fuel—GESMO, recycle of plutonium to LWR 8-54862
- Koizumi, M.** *see* Ueda, Y. 8-76619
- Koizumi, N.** *see* Hanai, T. 8-56423
- Koizumi, S.** *see* Matsuki, K. 8-56749
- Koizumi, T.** *see* Kaneko, Y. 8-87428
- Koizumi, T.** *see* Okuno, K. 8-66657
- Koizumi, T.** *see* Suzuki, K. 8-90712
- Koizumi, Y.** *see* Ueda, T. 8-90989
- Koizumi, Y.** *see* Yamazaki, M. 8-60718
- Kojar, D.** *see* Trontelj, M. 8-80497
- Koji, T.** *see* Tseng, W.F. 8-91346
- Kojic-Prodic, B.**, Ruzic-Toros, Z., Slijukic, M. Structure of tetrapotassium tetrakis(oxalato)zirconate(IV) pentahydrate 8-63746
- Kojima, D.Y.** Electrical conductivity of an interacting electron gas 8-95276
- Kojima, D.Y.** *see* Toyoda, T. 8-63996
- Kojima, H.** *see* Sakai, K. 8-70203
- Kojima, H.** *see* Shimada, Y. 8-52105, 8-76280
- Kojima, H.** *see* Shindo, A. 8-63311
- Kojima, M.** Behavior of fission product in coated fuel particle 8-54830
- Kojima, M.** On the almost everywhere convergence of rectangular partial sums of multiple Fourier series 8-73831
- Kojima, M.** *see* Suzuki, H. 8-66930
- Kojima, S.**, Nakamura, T. Prismatic domain in $\text{Gd}_2(\text{MoO}_4)_3$ 8-56441
- Kojima, S.**, Nakamura, T. Electro-optical properties of gadolinium molybdate 8-88281
- Kojima, S.** *see* Fujigaki, M. 8-66055
- Kojima, T.**, Yanagiuchi, Y. On the scattering of an offset two-dimensional Gaussian beam wave by a cylinder 8-86997
- Kojima, T.** *see* Jinno, K. 8-86996
- Kojima, T.** *see* Miya, K. 8-73578
- Kojima, T.** *see* Shigetomi, Y. 8-54861
- Kojima, T.** *see* Tsunekawa, S. 8-62793
- Kojima, Y.** *see* Sato, T. 8-84861
- Kojima, Y.** *see* Takahashi, T. 8-52831
- Kojro, Z.** *see* Kowski, A. 8-61138, 8-90179
- Kok, C.J.** *see* Chalmers, A.N. 8-49625
- Kok, G.W.G.** *see* de Kok, G.W.G.
- Kok, L.P.** *see* Atkinson, D. 8-70311
- Kok, W.C.** Resistivity of spin glasses below the ordering temperature 8-51980
- Kokame, H.**, Hattori, Y. Kalman filter applied to estimation of neutron flux distribution and optimum allocation of in-core detectors 8-54839
- Kokame, H.**, Nishikawa, Y. A method for rapid detection of unexpected reactivity insertion into a nuclear reactor 8-58370
- Kokavec, J.**, Cesnak, L., Butvin, P. Magnetic properties of some construction materials which are suited for cryogenics 8-93693
- Kokawa, H.**, Watanabe, T., Uehara, A., Karashima, S. Observations of grain boundary fine structures in zinc by transmission electron microscopy 8-76680
- Kokh, R.** *see* Realo, E. 8-50083
- Kokhanenko, Yu.V.** *see* Guz', A.N. 8-49665
- Kokhman, L.V.** *see* Tabachnik, V.P. 8-60943
- Kokorin, A.I.** *see* Parmon, V.N. 8-86895
- Kokorin, V.V.**, Perekos, A.E. Magnetic properties and dipole interaction in systems of superparamagnetic particles 8-60316
- Kokorin, V.V.** *see* Beletskii, Yu.I. 8-76643
- Kokorin, V.V.** *see* Gun'ko, L.P. 8-60669
- Kokorin, Yu.I.** *see* Aleksandrov, K.S. 8-80292
- Kokotailo, I.V.** *see* Rudenko, V.P. 8-56810, 8-95859
- Kokotqilo, G.T.**, Chu, P., Lawton, S.L. Synthesis and structure of synthetic zeolite ZSM-11 8-87657
- Kokott, T.P.** *see* Bosetti, P.C. 8-70357
- Kokshenev, V.B.** *see* Alexandrovskii, A.N. 8-95163
- Kokta, L.** *see* Dryak, P. 8-50442
- Kokta, L.** *see* Hospes, M. 8-53302
- Kokubo, S.** *see* Namba, T. 8-51740
- Kokubo, T.** *see* Ito, S. 8-53005
- Kokubo, Y.** *see* Iida, T. 8-70157
- Kokubun, Y.**, Iga, K. Index profile measurement of optical fibers by means of a transverse interferogram—Further considerations on its accuracy 8-66931
- Kokubun, Y.** *see* Hatano, H. 8-64399
- Kokubun, Y.** *see* Iga, K. 8-74967
- Kokuroshnikov, S.M.**, Sorin, E.L., Tsaregradskii, V.B. On one method of observation of the O-O transition resonance line in vapors of alkali metals 8-57999
- Kokushkin, A.M.** *see* Zaleskii, V.Yu. 8-73070
- Kolachev, B.A.** New heat treatments for titanium alloys 8-80568
- Kolachevskaya, V.V.** *see* Bukharov, M.V. 8-60308
- Kolachevskii, N.N.** *see* Bukharov, M.V. 8-60308
- Kolakowski, H.** A mixed problem for the equations of micropolar elasticity 8-54189
- Kolanoski, H.** *see* Bruecker, H. 8-50038
- Kolar, D.**, Gabersek, S., Barbulescu, A., Volavsek, B. The $\text{Nd}_2\text{O}_3\cdot 4\text{TiO}_2$ phase in the system $\text{Nd}_2\text{O}_3\text{-TiO}_2$ 8-83794
- Kolar, D.** *see* Trontelj, M. 8-80710
- Kolar, P.** *see* Fischer, J. 8-66043
- Kolari, H.J.** *see* Mf1 Johnson, K.H. 8-56917
- Kolari, S.** *see* Arell, A. 8-62003
- Kolarik, J.** *see* Cherkasov, A.N. 8-95000
- Kolarov, D.M.** *see* Todorov, R.P. 8-52714
- Kolaska, J.** *see* Rudiger, O. 8-92405
- Kolawole, L.B.**, Derblom, H. Skywave backscatter studies of temperate latitude Es 8-85761
- Kolayev, V.A.** *see* Frank, G.M. 8-96024
- Kolb, D.** The chemical formula. I. Development 8-73822
- Kolb, D.**, Sepp, W.-D., Fricke, B., Morovic, T. Retardation effects in ion-ion collisions 8-50211
- Kolb, D.** *see* Gerhart, G.R. 8-90614
- Kolb, D.M.**, Leutloff, D. Fluorescence spectra of matrix isolated silver atoms 8-50498
- Kolb, D.M.** *see* Gerischer, H. 8-80798
- Kolb, E.D.**, Laudise, R.A. Hydrothermal synthesis of aluminum orthophosphate 8-60562
- Kolb, E.D.** *see* Barnes, R.L. 8-72712
- Kolb, E.D.** *see* O'Bryan, H.M., Jr. 8-75854
- Kolb, E.W.** *see* Dicus, D.A. 8-57438
- Kolb, W.P.** *see* Eynon, J.U. 8-59047, 8-79038
- Kolbas, R.M.** *see* Chin, R. 8-63120
- Kolbas, R.M.** *see* Dupuis, R.D. 8-92120
- Kolbas, R.M.** *see* Holonyak, N., Jr. 8-74908
- Kolbasnikov, N.G.** *see* Grigor'ev, A.K. 8-56655
- Kolbe, G.** *see* Burgess, D.D. 8-79463
- Kolbe, H.** *see* Coen, V. 8-68844
- Kolbeck, A.G.** *see* Klein, R.M. 8-83737
- Kolbin, I.I.** *see* Deryugin, L.N. 8-87091
- Kolchenko, T.I.**, Lomako, V.M. Introduction and annealing of defects in n-type GaAs following irradiation with electrons and gamma rays 8-77736
- Kolchenko, T.I.**, Lomako, V.M. Removal and scattering of charge carriers by defect clusters in semiconductors 8-76069
- Kolchin, A.A.**, Lebedev, V.V., Skrebtsov, G.P. Spectrometric systems with a plane radioactive source 8-50428
- Kolchin, Yu.O.** *see* Zelikman, A.N. 8-53018
- Kol'chinskii, M.Z.**, Medvedenko, N.F., Solonin, Yu.M., Gnatush, F.P. Electric-discharge sintering of mixtures of aluminum and copper powders 8-60605
- Kol'chinskii, M.Z.**, Raichenko, A.I. A model investigation of the sintering of metal powders with intense energy release at interparticle contacts 8-60615
- Koldaev, B.I.** *see* Bruskov, V.M. 8-59109
- Koldaeva, O.V.** *see* Bugaenko, V.L. 8-70980
- Koldobskii, A.B.** *see* Volkov, N.G. 8-89847
- Kolecizky, E.S.** *see* Mosch, W. 8-67575, 8-67576
- Kolendratskii, D.D.**, Kurik, M.V., Piryatinskii, Yu.P., Slodobyanyuk, V.V. Effect of weak external electrical fields on tetracene crystals fluorescence 8-80416
- Kolentsov, K.M.** *see* Pakeva, S.V. 8-84658
- Kolerov, V.S.** *see* Bunina, L.O. 8-88511
- Kolesar, D.F.** *see* Mavroides, J.G. 8-72227
- Kolesvichenko, V.A.**, Yusupov, R.S. Determining strength of aluminum-boron composite material in annular specimens 8-95864
- Kolesnichenko, Yu.A.** On quantum resonance impedance oscillations in thin films 8-91781
- Kolesnichenko, Ya.I.**, Reznik, S.N. A stable non-self-sustaining thermonuclear reaction in a Tokamak reactor 8-94138
- Kolesnik, E.A.** *see* Ukhlinov, G.A. 8-57901
- Kolesnik, L.N.** *see* Kalandadze, N.B. 8-73754
- Kolesnikov, A.I.** *see* Bazarskii, O.V. 8-74867
- Kolesnikov, A.N.** *see* Alfeyev, V.N. 8-52162
- Kolesnikov, A.V.** *see* Ginevskii, A.S. 8-63421
- Kolesnikov, E.K.**, Rozov, A.L. Optimum parameters of a dense freely expanding deuterium-tritium plasma 8-70629
- Kolesnikov, E.M.**, Lyul', A.Yu., Ivanova, G.M. Indications of a cosmological anomaly in the region of the 1908 Tunguska catastrophe. II. Investigation of the chemical composition of silicate microspherules 8-96430
- Kolesnikov, E.M.** *see* Golenetskii, S.P. 8-61810
- Kolesnikov, L.Ya.**, Miroshnichenko, I.I., Sorokin, P.V., Titov, Yu.I. Meson photo- and electroproduction in the first πN -resonance region 8-54636
- Kolesnikov, L.Ya.** *see* Gorbenko, V.G. 8-54637
- Kolesnikov, N.N.**, Tarasov, V.I. 3-particle hypernuclear systems 8-54718
- Kolesnikov, N.N.** *see* Kozlov, V.V. 8-65762
- Kolesnikov, N.V.** *see* Bezlyudnyi, S.V. 8-56165
- Kolesnikov, P.M.**, Karpova, T.A. Phase-transition kinetics and kinetic equations 8-83933
- Kolesnikov, V.A.** *see* Gailis, A.K. 8-55412, 8-56181
- Kolesnikov, V.I.** *see* Domashevskii, B.N. 8-53081
- Kolesnikov, V.N.** *see* Balla, D.D. 8-84338
- Kolesnikov, V.N.** *see* Gippius, E.F. 8-75271
- Kolesnikov, V.N.** *see* Gippius, E.F. 8-59546, 8-67600, 8-67601
- Kolesnikov, V.N.** *see* Pikalov, V.V. 8-91072
- Kolesnikov, V.S.** *see* Kozar, A.V. 8-78854
- Kolesov, G.E.** *see* Enker, M.B. 8-85263
- Kolesov, V.V.** *see* Vorontsov, Yu.I. 8-77944
- Kolesov, Yu.I.**, Listvin, V.N., Strakhov, V.A. Far IR spectrometer with interference selective amplitude modulation 8-86362
- Kolevsky, D.** *see* Atanasov, A. 8-59824
- Kolhatkar, M.G.** *see* Kotrappa, P. 8-89993
- Kolinski, A.** *see* Orszag, A. 8-51404
- Koliopoulos, C.**, Kwon, O., Shagam, R., Wyant, J.C., Hayslett, C.R. Infrared point-diffraction interferometer 8-86325
- Kollaris, R.V.** *see* Middleton, R. 8-55070
- Kollaris, R.V.** *see* Moore, G.E. 8-62548
- Kollaris, R.V.** *see* Mordechai, S. 8-70542
- Kolleggy, G.P.** *see* Bergmann, E.E. 8-51380
- Koller, J.** *see* Kertesz, M. 8-60066, 8-63975
- Koller, K.**, Walsh, T. Gluons in quarkonium decay 8-93841
- Kollewe, D.** *see* Kanter, E.P. 8-62531
- Kollewe, D.** *see* Temmer, G.M. 8-50160
- Kollie, T.G.** *see* Christie, W.H. 8-57957
- Kollman, G.** *see* Burnett, T.H. 8-89853, 8-89854
- Kollman, P.** Theoretical studies of the K^+ affinities of bases: a comparison of K^+ and Li^+ affinities 8-58585
- Kollman, P.A.** A method of describing the charge distribution in simple molecules 8-82652
- Kollman, P.A.** *see* Douglas, J.E. 8-82612
- Kollman, P.A.** *see* Trenary, M. 8-66465
- Kollmar, A.** *see* Lottner, V. 8-67792
- Kollmar, H.**, Staemmler, V. Violation of Hund's rule by spin polarization in molecules 8-90058
- Kollner, W.**, Prohaska, O. O_2 partial pressure measurement with a thin-layer probe 8-85410
- Kolm, H.** An electromagnetic 'slingshot' for space propulsion 8-77462
- Kolmakov, Yu.N.** *see* Chaichian, M. 8-62305
- Kolman, R.** *see* Sharma, R.R. 8-55192
- Kolmogorov, V.L.**, Bogatov, A.A., Shishmintsev, V.F., Belyaev, V.A., Mizhiritskii, O.I. The investigation of hydrostatic pressure and stress state influence on the plasticity of metals 8-52907
- Kolny, H.** *see* O'Brien, R.N. 8-68896
- Kolobkov, V.P.**, Khaliev, V.D., Vasylyak, Ya.P., Vakhrateev, V.I., Zhmyreva, I.A., Kovaleva, I.V. A spectral luminescence study of rare-earth activated fluophosphate glasses 8-64415
- Kolobrodov, G.N.** *see* Nalimov, I.P. 8-58945
- Kolodii, B.I.**, Ignatov, V.M., Mosin, Yu.F. Calculation of the electromagnetic field radiated by a rectangular waveguide to a medium 8-82884
- Kolodii, B.I.**, Teterko, A.Ya. Determination of the transverse magnetostatic field of a cylinder with an eccentric cylindrical inclusion 8-82882
- Kolodii, B.I.** *see* Panasyuk, V.V. 8-53138
- Kolodin, L.G.** *see* Grigor'eva, G.M. 8-71776
- Kolodin, M.I.** *see* Blokhin, A.V. 8-87215

- Kolodny, Y. *see* Matthews, A. 8-65307
- Kolodochkin, Yu.V. *see* Karpel'son, A.E. 8-53127
- Kolodziej, H.A., Pajdowska, M., Sobczyk, L. Lumped-capacitance method applied to measurements of complex dielectric permittivity in polar liquids from 100 MHz to 3 GHz 8-77936
- Kolokol'chikov, V.V., Sapego, G.N. Effective elastic moduli of a fibrous composite material isotropic on the average 8-51077
- Kolokolov, A.A. The possibility of amplifying the lateral wave through the reflection of light from an active medium 8-78987
- Kolokolov, B.N. *see* Strokach, N.S. 8-82774
- Kolokolov, L.A. *see* Anikin, V.K. 8-51833
- Kolokolov, N.B., Lyagushchenko, R.I., Pramatarov, P.M. Electron energy distribution in an afterglow. IV. Rate constant for the reaction $\text{He}(2^3\text{S}_1) + e \rightarrow \text{He}(1^1\text{S}_0) + e$ 8-71571
- Kolokolov, N.B. *see* Blagoev, A.B. 8-71570
- Kolomenskii, G.M. *see* Gorshkov, B.M. 8-82543
- Kolomiets, B.T., Kochemirovskii, A.S., Mamontova, T.N., Pivovarova, L.V. Effect of gas adsorption on the electrical properties of glassy arsenic selenide 8-80038
- Kolomiets, L.L., Semenova, E.L., Skorokhod, V.V., Solonin, Yu.M., Shtepa, T.D. Metastable phases in the quenched Zr-Os alloys 8-84804
- Kolomiets, V.M. Semiclassical theory of one-body nuclear dissipation 8-86502
- Kolomiets, V.M., Fedotkin, S.N. Population of aligned rotational bands in radiative decay of compound nucleus 8-86467
- Kolomiitsev, A.I., Svetashov, A.A., Tyapunina, N.A. Some characteristics of electrolysis of alkali halide crystals 8-95057
- Kolomiitsev, L.I. *see* Gurov, K.P. 8-76155
- Kolomiitsev, Yu.V. *see* Vesnina, V.A. 8-89438
- Kolomnikov, Yu.D. *see* Bikmukhametov, K.A. 8-74957
- Kolomoets, A.M. *see* Kukoz, F.I. 8-51734
- Kolomoets, N.V. *see* Vedernikov, M.V. 8-91676
- Kolomoets, N.V. *see* Zaitsev, V.K. 8-91714
- Kolos, J. *see* Feist, J.H. 8-54965
- Kolos, W. Recent theoretical developments in the spectroscopy of the hydrogen molecule 8-62707
- Kolosanov, V.A. *see* Efimov, V.M. 8-95376
- Kolosov, A.A. *see* Brylev, I.S. 8-53772
- Kolosov, E.E. *see* Podol'skii, V.V. 8-52015
- Kolosov, V.V. *see* Damburg, R.J. 8-70783
- Kolosov, Yu.N. *see* Bykovskii, Yu.A. 8-59631
- Kolot, Z.M. *see* Batgin, Yu.V. 8-70654
- Kolotii, O.D. *see* Lisetskii, L.N. 8-71676
- Kolotov, M.N. *see* Dzhaforov, T.D. 8-95610
- Kolotov, Ya.L. *see* Basin, A.S. 8-95737
- Kolovskaya, E.F. *see* Kolovskii, R.A. 8-65066
- Kolovskii, R.A., Kolovskaya, E.F. On measuring forces of flow in timber growth 8-65066
- Kolpakov, A.V., Ovchinnikova, E.N., Kuz'min, R.N. Symmetry of crystal lattice with hyperfine interactions at atomic nuclei 8-67677
- Kolpakov, Yu.N. *see* Dvornikov, I.V. 8-82749
- Kolpashchikov, V.L., Baranov, A.A. Molecular-kinetic generalisation of the heat-transfer equation 8-67219
- Kolpashchikov, V.L., Shnipp, A.I. Thermodynamics and properties of relaxation functions of materials with memory 8-73949
- Kolrus, J. Modern slide projectors 8-79095
- Kolsrud, M. Limits of screened-Coulomb amplitudes 8-66059
- Kolstee, W.J. Air pollution by continuous point sources. IX.4. Critical concentrations 8-61547
- Koltakov, Yu.N., Vlasova, L.N. Some results of research and characteristics of reversible sensors of current velocity 8-65429
- Koltay, E. *see* Mukoyama, T. 8-78658
- Koltay, E. *see* Vegh, J. 8-76965
- Koltok, Yu.V. *see* Zadorozhnyi, V.I. 8-68021
- Kolton, G.A. *see* Bogatko, V.I. 8-75171
- Kolts, J.H., Setser, D.W. Decay rates of $\text{Ar}(4s,^3\text{P}_2)$, $\text{Ar}(4s,^3\text{P}_0)$, $\text{Kr}(5s,^3\text{P}_2)$, and $\text{Xe}(6s,^3\text{P}_2)$ atoms in argon 8-73027
- Kolt'sov, V.V., Ardasenov, M.N. Unit for automatic spectrometer control in discrete recording of spectra 8-58049
- Koltun, M.M., Faiziev, Sh.A., Gaziev, U.Kh. Application of dielectric-metal-dielectric coating in solar technology systems 8-79195
- Koltunov, M.A. *see* Kanovich, M.Z. 8-64578, 8-67084
- Koltunova, E.N. *see* Dul'nev, G.N. 8-63261
- Koltunova, L.N. *see* Roikhi, I.L. 8-56804
- Koltygin, V.M. *see* Gusev, V.M. 8-95083
- Koltygin, V.M. *see* Guseva, M.I. 8-95087
- Kolubaev, A.V., Golosov, N.S., Panin, V.E. Atomic ordering and antiferromagnetism in FCC lattices 8-72330
- Kolwas, K. The cumulative resonance in atomic ground state induced by modulated light field 8-66518
- Kolyadin, A.I., Malygina, A.A. Use of least-squares method for determining the extinction coefficient of high-transmission glasses 8-90470
- Kolyadin, S.A. *see* Zverev, G.M. 8-50843
- Kolyasnikov, V.A. *see* Kandyba, P.E. 8-76157
- Kolycheva, E.V. *see* Vasil'ev, B.V. 8-77795
- Kolyshkin, A.A. *see* Antimirov, M.Ya. 8-94833
- Kolyshnitsyn, I.Ya. *see* Gil'man, B.I. 8-76154
- Koma, A. Study of electronic structures of semiconductor surfaces by low energy electron loss spectroscopy 8-88007
- Koma, K. *see* Hata, T. 8-76480
- Koma, Y. *see* Tanaka, W. 8-61850
- Komac, M. *see* Kosmac, T. 8-92219
- Komadnuri, R. *see* Shaw, M.C. 8-68869
- Komai, K. Corrosion fatigue 8-53026
- Komaki, K. *see* Kanter, E.P. 8-62531
- Komaki, K. *see* Temmer, G.M. 8-50160
- Komalov, A.S. *see* Pyn'ko, V.G. 8-60319
- Komanduri, R., Laverty, W.H., Shaw, M.C. Wear of abrasives in simulated hot grinding 8-56784
- Komar, J.J. Rapid response gas injection technique 8-94865
- Komar, P.D., Reimers, C.E. Grain shape effects on settling rates 8-81232
- Komar, P.V.G. Progress on the holographic movie process in the USSR 8-78976
- Komar, Y.G. *see* Bektimirova, Z.A. 8-54485
- Komarov, V.K. *see* Timan, B.L. 8-72208
- Komarneni, S. *see* McCarthy, G.J. 8-54853
- Komaromi, M., Karsai, M. Influence of cold working upon the properties of welded joints made of KO 36 type corrosion-resistant steel 8-52838
- Komarov, A.G. *see* Egorov, B.N. 8-90682
- Komarov, A.V., Ryabchenko, S.M., Vitrikhovskii, N.I. Giant magnetic splitting of exciton reflection band in ZnTe:Mn crystal 8-56079
- Komarov, A.V., Ryabchenko, S.M., Vitrikhovskii, N.I. Magnetic field splitting of the $n=2$ exciton state in ZnTe:Mn 8-79940
- Komarov, E.V. *see* Novoselov, G.P. 8-66344
- Komarov, F.F., Novikov, A.P. Ionization cross section of M-subshell electrons in the binary-encounter approximation 8-62890
- Komarov, F.F., Tashlykov, I.S. Formation of defects in gallium arsenide on implantation of phosphorus ions at various temperatures 8-59828
- Komarov, F.F. *see* Belyi, I.M. 8-95084
- Komarov, V.A., Kuleev, V.G. Excitation and detection of ultrasound in magnetically polarized nonferromagnetic metals by electromagnetic fields. II. Calculation of elastic displacements in the metal 8-53091
- Komarov, V.A., Kuleev, V.G. Excitation and detection of ultrasound in magnetically polarized nonferromagnetic metals by electromagnetic fields. I. The dispersion relation 8-56856
- Komarov, V.D. *see* Chernobabov, A.I. 8-64307
- Komarov, V.N. *see* Volchenok, V.I. 8-87512
- Komarov, V.P. *see* Leont'ev, A.I. 8-83469
- Komarov, Yu.A. *see* Gramolina, N.O. 8-80820
- Komarov, A.I. *see* Alperovich, L.I. 8-76976
- Komarov, N.V. *see* Gushkina, N.G. 8-88454
- Komarovskii, O.K. *see* Luk'yanov, V.S. 8-73965
- Komaschenko, V.N. *see* Gorbik, P.P. 8-72251
- Komatsu, H. Neutral current reactions and $\text{SU}(3) \times \text{U}(1)$ gauge models 8-89648
- Komatsu, H. *see* Hayashi, S. 8-68624
- Komatsu, H. *see* Inoue, T. 8-67718, 8-87637
- Komatsu, K. *see* Toda, S. 8-71287
- Komatsu, M., Matsuda, N., Kashiwaba, Y., Saito, H. Preparation and properties of Cd-Sb thin films 8-92194
- Komatsu, S., Sugimoto, T., Akamatsu, K., Kamei, K., Hata, T. Resistivity change of age-hardening aluminum alloys below temperature deformation 8-84831
- Komatsu, S. *see* Fujii, T. 8-78736
- Komatsu, S. *see* Shiota, T. 8-64626
- Komatsu, T. *see* Tsubaki, T. 8-55674
- Komatsu, W. *see* Moriyoshi, Y. 8-95713
- Komatsubara, K.F. *see* Kobayashi, K.L. 8-80463
- Komatsubara, T., Iio, K., Nagata, K. Sidebands on EPR lines in the impure Heisenberg linear chain $(\text{CH}_3)_2\text{NMnCl}_2 \cdot \text{Cu}$ 8-76300
- Komatsubara, T., Nagata, K. Sidebands on EPR lines in low-dimensional systems 8-88163
- Komberg, B.V. *see* Smirnov, M.A. 8-93424
- Kome'kov, V.S., Modzelevskii, V.I. Coaxial acceleration of dense plasma in plasmochemistry 8-92482
- Komem, Y. *see* Cosandey, F. 8-79620, 8-84097
- Komen, R. *see* Boeschoten, F. 8-75454
- Komeno, J., Shibatomi, A., Ohkawa, S. Analysis of growth rate in GaAs vapor phase epitaxy 8-52680
- Komilov, K., Khakimov, F.Kh., Tsytoich, V.N. Modulational disturbance spectra of a developed strong Langmuir turbulence 8-75339
- Kominami, S. Studies of spin-trapped radicals in γ -irradiated aqueous solutions of thymidine-5'-monophosphate and cytidine-5'-monophosphate by liquid chromatography and ESR spectroscopy 8-53340
- Komine, A., Nakanishi, E., Komine, K. Residual stress at fatigue fracture surface of heat treated high strength steels 8-64622
- Komine, K. *see* Komine, A. 8-64622
- Komissarchik, M.G. *see* Gol'tsman, B.M. 8-51859
- Komissarov, A.P. *see* Ivanov, L.I. 8-95085
- Komissarov, A.V. *see* Bespyatykh, A.S. 8-93657
- Komissarov, V.N. *see* Bukach, A.B. 8-57457, 8-65500
- Komissarova, L.N. *see* Chernova, N.A. 8-92446
- Komissarova, M.L. *see* Denisov, Yu.V. 8-64650
- Komiya, K. *see* Takamoto, M. 8-79396
- Komiya, K. *see* Tokikuni, K. 8-50939
- Komiya, Y. *see* Mori, H. 8-80848
- Komiyama, J. *see* Iijima, T. 8-91460
- Komiyama, S., Masumi, T. Cyclotron resonance of polarons in AgBr at high microwave fields 8-67958
- Komkov, V. Another look at the dual variational principles 8-77676
- Komkov, V.S. *see* Kovura, Yu.A. 8-87432
- Komlev, A.A. *see* Balbashov, A.M. 8-50932
- Komma, M. A wide band electron spectrum analyzer 8-86719
- Komoda, S., Igarasi, S. Neutron cross sections of Li-6 8-78370
- Komoda, T. *see* Nomura, S. 8-53286, 8-85244
- Komoda, T. *see* Tonomura, A. 8-63002
- Komodi, I. *see* Kosha Komodi, I.
- Komogortsev, L.K., Kostenko, A.P., Mazaev, V.G., Popov, V.K., Shlepnev, I.O. An eddy-current tester for tubes and rods 8-85099
- Komori, K., Okano, J. Dependence of the energy distribution on the emission angle for the secondary ions from polycrystalline aluminum 8-76569
- Komori, S. *see* Mizushima, T. 8-90904
- Komori, T. *see* Natsume, H. 8-54841
- Komorita, K. *see* Suzuki, M. 8-72070
- Komorita, K. *see* Tanie, K. 8-53573
- Komorowska-Kulik, J. *see* Sieniutycz, S. 8-51223
- Komorowski, Z., Smirnow, W.G. Free viscometer investigations of He opacity and crystallisation of glasses 8-84875
- Komoto, T. *see* Sidhu, G.S. 8-50234
- Komotori, K. *see* Kaji, N. 8-94872
- Komov, B.B. *see* Ivanov, N.M. 8-69640
- Kompa, K.L., Fuss, W., Proch, D., Schmid, W.E. Recent progress in the study of molecular dissociation and isotope separation by high power infrared lasers 8-62865
- Kompa, K.L. *see* Ben-Shaul, A. 8-58786
- Kompaneets, V.G. *see* Arbutov, B.A. 8-74219
- Kompanets, I.N. *see* Klimov, I.I. 8-71222
- Kompanets, I.N. *see* Malov, A.N. 8-50715
- Kompanets, I.N. *see* Vasil'ev, A.E. 8-50930, 8-50931
- Kompanets, O.N., Kukudzhinov, A.R., Mikhailov, E.L. Problem of reproducibility of the output frequency of a CO_2/OsO_4 laser 8-50800
- Kompfner, R. *see* Sheppard, C.J.R. 8-93758
- Komrakov, G.P. *see* Aksenov, V.I. 8-69563
- Komura, K. *see* Sakamoto, K. 8-89864
- Komuro, M. The effect of normal ovarian tissue on the ovarian tumorigenesis in X-irradiated mice 8-53452
- Kon, A.I., Nalbandyan, O.G. Radioacoustical sounding of the atmosphere by continuous sound radiation 8-88927
- Kon, L.Z. Thermoelectric effect in superconducting alloys with an ordered magnetic moment distribution 8-91811
- Kon, L.Z., Digor, D.F. Differential thermo-EMF of an exciton insulator 8-72182
- Kon, V.G. Dynamical theory of spherical X-ray wave diffraction with many-wave scattering 8-91194
- Konak, A.R. The kinetics of dissolution 8-63686
- Konak, C., Kopsky, V., Smutny, F. Gyrotropic phase transitions 8-71852
- Konaka, M. *see* Kimura, M. 8-82086
- Konaka, S. *see* Bonham, R.A. 8-78811
- Konakov, V.A. *see* Borman, V.D. 8-64256
- Konakova, R.V., Tkhorik, Yu.A., Shakhovtsov, V.I., Shvarts, Yu.M. Effect of γ -radiation on the forward volt-ampere characteristics of p-Ge-nn'-Si heterojunctions 8-72255
- Konakova, R.V. *see* Borkovskaya, O.Yu. 8-76024
- Konarev, V.P., Matveev, I.N., Protopopov, V.V. Selection of the parameters of an active optical waveguide with a quadratic distribution of the refractive index 8-50933
- Konarev, V.P., Matveev, I.N., Trubetskoi, Yu.V. Parameters of a conical fiber optics quantum amplifier (OQA) 8-59024

- Konareva, V.G.** *see* Bogoyavlenskii, I.V. 8-83912
- Konarski, J.** Consequence of dynamic interaction between two conformers in ground electronic state on IR spectrum 8-58767
- Konarski, P., Pyzuk, W., Krupkowski, T.** Dielectric studies of the ordering due to an external DC electric field in nematic 4,4'-di-n-hexyloxazoxybenzene 8-94990
- Konarzewski, A.** *see* Brzosko, J.S. 8-67562
- Konarzewski, A.** *see* Brzosko, J.S. 8-67561
- Konashenko, V.I.** *see* Gobov, G.V. 8-76527
- Konbaa, Perrot, M.** Raman spectroscopy analysis of vibrational and orientational relaxation processes of nitrate ions in aqueous solutions 8-62808
- Konc, M., Daniel-Szabo, J., Dusa, O.** Contribution to the study of the creep effect in thin amorphous electrodeposited CoP and NiCoP films 8-60322
- Konc, M., Daniel-Szabo, J., Kosturiak, A., Dusa, O., Zagyi, B.** Preparation and some basic physical properties of the amorphous electrodeposited NiCoP films 8-60587
- Konc, M.** *see* Janos, S. 8-95281
- Konchakovskii, V.A., Miroshnikov, V.N.** A thermodynamic analysis of some processes for facing chromium steels with other metals 8-60878
- Konczos, G.** *see* Lazar, K. 8-60882
- Kondakov, A.A.** *see* Burtsev, V.A. 8-71116
- Kondilenko, E.I., Maliy, V.I.** Anomalous line broadening of induced Raman scattering in liquids 8-56490
- Kondilenko, I.I., Korotkov, P.A., Klimenko, V.A., Demyanenko, O.P.** Transverse cross section of the Raman scattering of the ν_1 vibration of the water molecule in the liquid and gaseous states 8-82739
- Kondilenko, I.I.** *see* Grigoruk, V.I. 8-72526
- Kondo, F.** *see* Kikkawa, S. 8-51209
- Kondo, H., Yamaoka, H.** New criteria for the evaluation of interchangeable lenses for 35 mm cameras 8-49937
- Kondo, H.** *see* Aoki, S. 8-55603
- Kondo, H.** *see* Saito, T. 8-61177
- Kondo, J., Kuroda, K.** Helical electric current flowing along a screw dislocation 8-51959
- Kondo, J.** *see* Koterazawa, R. 8-52958
- Kondo, K., Miyazaki, Y., Akao, Y.** Optical tunable switched directional couplers consisting of two thin-film waveguides using surface acoustic waves 8-75003
- Kondo, K., Saito, Y., Sato, K., Katayama, T.** Electrical resistivity of In-Heusler $\text{Cu}_{20}\text{Mn}_{94}\text{In}_{10}$ single crystal 8-60107
- Kondo, K., Sawaoka, A., Saito, S.** Magnetoflyer method for measuring gas-gun projectile velocities 8-49805
- Kondo, K.** *see* Alguard, M.J. 8-70376
- Kondo, K.** *see* Nakatsuji, H. 8-60997
- Kondo, M., Kubota, K., Tani, C.** Spatial light modulator using phase transition type liquid crystal 8-79119
- Kondo, M., Ohta, Y., Sakaguchi, M., Fujino, Y.** Phase-matched electro-optic light modulator 8-83089
- Kondo, M.** *see* Hosono, K. 8-82343
- Kondo, M.** *see* Kitamura, M. 8-93262
- Kondo, M.** *see* Kubota, K. 8-87032
- Kondo, M.** *see* Masuda, T. 8-53228, 8-53337
- Kondo, M.** *see* Nakamura, M. 8-54754
- Kondo, M.** *see* Sakaguchi, H. 8-78297
- Kondo, M.** *see* Unno, W. 8-73627
- Kondo, S.** *see* Hayashi, C. 8-55507
- Kondo, S.** *see* Kodaira, H. 8-54840
- Kondo, T.** *see* Kasemura, T. 8-79857, 8-79860
- Kondo, Y., McCluskey, G.E., Chi-Chao Wu** Hot/cold spots observed in the ANS ultraviolet light curves of U Cephei 8-57577
- Kondo, Y., Matsuse, T., Abe, Y.** A study of resonances in the sub-Coulomb ^{12}C - ^{12}C reaction from the viewpoint of a nuclear molecule 8-66303
- Kondo, Y.** *see* Abe, Y. 8-66305
- Kondo, Y.** *see* Bernat, A.P. 8-73739
- Kondo, Y.** *see* Dupree, A.K. 8-96569
- Kondo, Y.** *see* Kayanuma, Y. 8-84150
- Kondo, Y.** *see* Kikukawa, M. 8-68795
- Kondo, Y.** *see* Lamers, H.J.G.L.M. 8-93217
- Kondo, Y.** *see* Matsuse, T. 8-62561, 8-62562, 8-89898
- Kondo, Y.** *see* Shimizu, K. 8-53218
- Kondo, Y.** *see* Yasue, K. 8-51096, 8-89414
- Kondoh, U.** *see* Ohara, Y. 8-54912
- Kondoh, Y., Hirano, K.** Numerical study of an ion acceleration in a Z-pinch type plasma focus 8-91142
- Kondoh, Y.** *see* Itoh, K. 8-63576
- Kondor, I., Temesvari, T.** Critical indices to $O(1/n^2)$ for a three dimensional system with short range forces 8-49775
- Kondorskaya, N.V.** *see* Gorbunova, L.V. 8-57173
- Kondorskii, E.I., Kostina, T.I., Medvedchikov, V.P., Popova, N.N.** Magnetic susceptibility and thermal expansion of chromium-rhenium alloys 8-76225
- Kondorskii, E.I.** *see* Vedyayev, A.V. 8-87958
- Kondow, T.** *see* Mizutani, U. 8-71868
- Kondrashev, V.A.** Development of an initially localised disturbance during interaction of a cold beam with dielectric 8-88377
- Kondrashov, A.I., Siman, N.I., Podchernyaeva, I.A.** Effects of yttrium and scandium upon thermionic emission from LaB_6 8-60542
- Kondrashov, N.G.** *see* Burakov, V.S. 8-61012
- Kondrashov, V.E.** *see* Elesin, V.V. 8-91816
- Kondrat, R.W., McClusky, G.A., Cooks, R.G.** Direct mass spectroscopic mixture analysis by negative chemical ionization/mass-analyzed ion kinetic energy spectrometry 8-92550
- Kondratenko, A.K.** *see* Deev, V.I. 8-94694
- Kondratenko, A.N.** *see* Zaionchkovskii, V.V. 8-79408
- Kondratenko, A.V., Mazalov, L.N., Gel'mukhanov, F.Kh., Avdeev, V.I., Saprykhina, E.A.** Fine structure of the X-ray spectra of molecules. K-absorption spectra of the CO and N_2 molecules 8-86883
- Kondratenko, A.V., Mazalov, L.N., Gel'mukhanov, F.Kh., Avdeev, V.I., Saprykhina, E.A.** Fine structure of the X-ray spectra of molecules. Vibrational structure of the K_α emission spectra of the CO and N_2 molecules 8-86886
- Kondratenko, M.M., Orleiskii, V.B., Sizov, F.F.** Sign-inversion temperature of Hall coefficient in a p-type solid solution $\text{Pb}_{0.82}\text{Sn}_{0.18}\text{Te}$ 8-52010
- Kondratenko, P.S.** *see* Itskovich, O.Yu. 8-71429
- Kondratenko, V.V., Fedorenko, A.I.** Growth of antimony on bismuth 8-95246
- Kondrat'ev, I.G.** *see* Brodsky, Yu.Ya. 8-75353
- Kondrat'ev, K.Ya., Barten'eva, O.D., Ivlev, L.S., Ter-Markaryants, N.E., Zhvaley, V.F., Prokof'ev, M.A.** Preliminary results of aircraft studies under the GATE radiation subprogram 8-81408
- Kondrat'ev, K.Ya., Moskalenko, N.I., Terzi, V.F.** Radiation-induced cooling of the atmospheres of Mars, Venus, and Jupiter 8-85885
- Kondrat'ev, V.S.** *see* Balashov, I.F. 8-55359, 8-66837
- Kondrat'ev, V.V., Pushin, V.G., Romanova, R.R., Tyankin, Yu.D., Yurchikov, E.E.** Investigation of the structure of the γ and α phases in Fe-Ni alloys near the martensitic transformation point. III. Instability of the crystal lattice and short-range order of displacements in α -martensite 8-64541
- Kondrat'ev, V.V., Pushin, V.G., Romanova, R.R., Tyankin, Yu.D., Yurchikov, E.E.** Dynamic and quasi-static character of the displacement of atoms near the martensitic transformation temperature 8-68688
- Kondrat'ev, Yu.N.** *see* Galant, E.I. 8-88364
- Kondrat'eva, E.D.** *see* Bel'kovich, O.I. 8-61815
- Kondrat'eva, M.A.** *see* Basina, Yu.V. 8-93063
- Kondratov, I.Ya.** *see* Krupin, A.V. 8-52717
- Kondratov, I.Ya.** *see* Skrynnchenko, Yu.M. 8-68649
- Kondratov, V.A., Kosarev, I.I., Zhidovinov, A.M.** Laser dilatometer for measuring small linear-expansion temperature coefficients 8-77957
- Kondratyuk, A.M.** *see* Fel'dman, E.I. 8-85071
- Kondratyuk, S.E.** *see* Vinokur, B.B. 8-56805
- Kondurov, I.A.** *see* Alexeev, V.L. 8-54721
- Kondyr', A.I.** *see* Shatinskii, V.F. 8-56816
- Konecki, M.** Electric permittivity near the critical point of binary mixtures 8-76372
- Koneev, S.M.-A.** *see* But, D.A. 8-75226
- Konemann, B.** The collisionless flow of unmagnetized plasmas around bodies 8-79416
- Konermann, G.** *see* Mohi Aldeen, K.A. 8-69154
- Konetschny, W.** Mass shell behaviour of quantum chromodynamics in the axial gauge 8-49966
- Konetschny, W.** Gauge independence of infrared cancellation in QCD: example in the axial gauge 8-50006
- Konetschny, W.** On gauge invariance in quantum electrodynamics—a pedagogical remark 8-74183
- Konev, D.G., Gorbov, M.M., Fedotov, V.K., Tsirlin, A.M., Bratukhin, V.V.** An instrument for contact-free measurement of the diameter of fine and superfine electrically conductive filaments 8-93655
- Konev, S.V., Khrapovitskii, V.P., Cherenkevich, S.N.** pH-dependent fluorescence of tryptophan and indole in the presence of histidine 8-90209
- Konev, S.V.** *see* Vasiliev, L.L. 8-94526
- Konev, S.V.** *see* Vasil'yev, L.L. 8-75034
- Konev, Yu.B., Feofilaktov, V.A.** Influence of mirror deformation on the characteristics of lasers with unstable resonators 8-71124
- Konev, Yu.B.** *see* Karpukhin, V.T. 8-92392
- Koneva, N.A.** *see* Popov, L.E. 8-52909
- Konevskij, V.S.** *see* Kirejeva, S.I. 8-90419
- Kong, N.** *see* Ih, C.S. 8-71054
- Kong Ping Oh** A weakest-link model for the prediction of fatigue crack growth rate 8-90797
- Kong-Liang Chang** *see* Chang Kong-Liang
- Koniczny, J., Federowska, J.** Investigations on the accuracy and performance of TOPO-CART B 8-81436
- Konig, A., Leven, R.** Ion acoustic waves in a helium positive column 8-75312
- Konig, E., Ritter, G., Irlner, W., Goodwin, H.A., Kanellakopoulos, B.** Debye-Waller factors and magnetism down to 1.00K for the high-spin ($^3\text{T}_2$)=low-spin ($^1\text{A}_1$) transition in bis(2-(2-pyridylamino)-4-(2-pyridyl)thiazolato)iron(II) 8-80259
- Konig, R., Dietel, W., Grassme, W.** Dye laser—novel spectroscopic light source for science and technology. I 8-89552
- Konig, V.** *see* Burgi, H.R. 8-94016
- Konig, V.** *see* Szaloky, G. 8-78375
- Konig, W.** *see* Schuttman, W. 8-53520
- Koniger, F., Muller, A., Glemser, O.** Matrix isolation studies and force constant calculations on SPF_3 and NSF_3 8-62802
- Konigsmann, K.** *see* Althoff, K.H. 8-66125
- Konijn, J.** *see* Beetz, R. 8-54806, 8-66200
- Konijn, J.** *see* Ganzorig, D. 8-86557
- Konijn, J.** *see* Ganzorig, Dz. 8-89827
- Konin, A.D.** *see* Balandin, M.P. 8-89828
- Konin, M.K.** *see* Ablisimov, G.A. 8-74025
- Koning, A.U.** *see* de Koning, A.U.
- Koning, B.R.** *see* de Koning, B.R.
- Koning, B.R.** *see* De Koning, B.R.
- Koning, H.L.** *see* Yamamoto, T. 8-67208
- Koning, R.E., Zandstra, P.J.** MCD and absorption spectra of the monovalent anion of tribenzo [12] annulene 8-70859
- Konings, A.W.T.** *see* Fonck, K. 8-92677
- Konishi, E., Misaki, A., Fujimaki, N.** Three-dimensional cascade showers in lead taking account of the Landau-Pomeranchuk-Migdal effect 8-49993
- Konishi, F.** *see* Kusao, K. 8-85247
- Konishi, H.** *see* Nishihara, H. 8-94067
- Konishi, K., Ukawa, A., Veneziano, G.** A simple algorithm for QCD jets 8-89680
- Konishi, K.** *see* Chan Hong-Mo 8-74212
- Konishi, K.** *see* Fukugita, M. 8-58219
- Konishi, K.** *see* Hansson, T.H. 8-66085
- Konishi, K.** *see* Hong-Mo, C. 8-82158
- Konishi, R.** *see* Kato, S. 8-78052
- Konishi, S., Hsu, T., Brown, B.R.** Effect of ion-implantation on bubble translation velocity 8-68327
- Konishi, S., Morioka, Y., Nakagawa, I.** Far-infrared spectra of alkaline naphthalene ion pairs in solution 8-62796
- Konishi, S., Watanabe, F., Shibata, N., Narita, K.** Discrimination and state stability of S=1 and 0 bubbles in a field access racetrack 8-91908
- Konishi, T.** *see* Nakatani, N. 8-55707
- Koniuk, R., Leroux, R., Isgur, N.** Neutral-current effects in $e^+e^- \rightarrow \tau^+\tau^-$ on a ψ -like resonance 8-74239
- Konjevic, N.** *see* Dimitrijevic, M. 8-87491
- Konjevic, N.** *see* Konjevic, R. 8-50770
- Konjevic, N.** *see* Platina, M. 8-66504, 8-67469
- Konjevic, R., Konjevic, N.** Laser wavelength dependence upon the concentration of the lasing dyes 8-50770
- Konkin, M.K., Adler, J.G.** Instabilities in thin tunnel junctions 8-56235
- Konkin, M.K., Magno, R., Adler, J.G.** Asymmetry in inelastic electron tunneling peak intensities 8-76139
- Konkin, M.K., Magno, R., Adler, J.G.** The use of barrier parameters for the characterization of electron tunnelling conductance curves 8-84356
- Konkin, M.K.** *see* Adler, J.G. 8-90261
- Konkina, L.I.** An averaging method in rigid dynamics 8-65766
- Kon'kov, Yu.D.** *see* Volodin, V.L. 8-60917
- Konnert, J.A.** *see* Evans, H.T., Jr. 8-53842
- Konnikov, S.G.** *see* Alferov, Zh.I. 8-68081
- Konnikov, S.G.** *see* Suslina, L.G. 8-56071
- Konno, H.** Canonical correlation formalism of an anharmonic Brownian oscillator based on projection operator technique 8-55926
- Konno, O.** *see* Sugawara, M. 8-74515
- Konno, S., Takahashi, T.** Recombination luminescence in the scintillation of high pressure argon gas induced by alpha particles 8-50441
- Konno, Y.** *see* Otomo, J. 8-59252
- Kono, M.** Reliability of palaeointensity methods using alternating field demagnetization and anhysteretic remanence 8-77352
- Kono, M., Linuma, K., Kumagai, S.** Power and energy measurements of transient electric discharge 8-87520
- Kono, M., Niki, K.** Development of a multi-microelectrode system for the simultaneous recording of single-unit potentials of closely spaced neurons 8-61284

- Kono, M., Yajima, N. A reply to Ichimaru's comment [on 'Calculation of the dispersion relation of the ion-acoustic wave in a turbulent plasma'] 8-63554
- Kono, M., Yajima, N. Application of linear response theory to dielectric and conduction problems in a turbulent plasma 8-71432
- Kono, N. see Yamaguchi, K. 8-68321
- Kono, R., Yamaoka, T. Concentration fluctuation process in ethanol-water mixture 8-71792
- Kono, R. see Yamaoka, T. 8-59933
- Kono, S., Fadley, C.S., Hall, N.F.T., Hussain, Z. Azimuthal in deep core-level X-ray photoemission from an adsorbed atom: oxygen on copper (001) 8-72690
- Kono, T. see Tanaka, W. 8-61850
- Kono, Y., Amano, M. Thickening model of the continental lithosphere 8-77200
- Kononenko, A.A. see Noks, P.P. 8-69012
- Kononenko, A.E. see Zaborov, V.I. 8-94480
- Kononenko, L.I., Beltiukova, S.V., Meshkova, S.B., Kravchenko, T.B., Poluektov, N.S. The effect of solvents on the ratio of intensities of luminescence spectral bands of terbium and dysprosium in solutions of complexes with acetoacetic ether 8-84653
- Kononenko, V.G., Khaikher, V. Effect of supersaturation on kinetics of precipitation and geometry of the formed heterophase structure in the $\text{KCl}:\text{Ba}^{2+}$ system 8-84824
- Kononenko, V.G., Khaikher, V., Balaban, V.M. Study of kinetics of the Ba^{2+} -solid solution disintegration in deformed KCl single crystals in the metastable region 8-60673
- Kononenko, V.G., Kontorovich, S.I., Shchukin, E.D. Characteristics of light scattering in the initial stage of gel formation in silicic acid sols 8-53269
- Kononenko, V.G. see Kontorovich, S.I. 8-53270
- Kononenko, V.K. see Tupenevich, P.A. 8-76147
- Kononenko, V.L. Shape of electron-hole drops in a magnetic field 8-67954
- Kononenko, V.L., Murzin, V.N. Magnetoplasma resonance in electron-hole drops in germanium 8-79944
- Kononenko, W. see Corcoran, M.D. 8-70417
- Kononov, B.A., Stepanov, Yu.M., Yalovets, A.P. Fast-electron transfer in lamellar materials 8-86230
- Kononov, B.A. see Boiko, V.I. 8-72967
- Kononov, B.A. see Gorbunov, V.I. 8-92424
- Kononov, E.Ya. Spectra of very highly ionized atoms 8-62755
- Kononov, E.Ya., Safronova, U.I. Energy structure and level classification of outer L-shell electrons for highly ionized atoms with $Z=10-100$ 8-55129
- Kononov, E.Ya. see Kovalev, V.I. 8-77962, 8-78015
- Kononov, V.I., Polak, B.G. Geothermal activity of Iceland as a reflection of its geological structure 8-61376
- Kononova, L.I. see Sokol, V.A. 8-52730
- Kononykhin, G.A. Stability of uniform rotation of a system of n Lagrange gyroscopes 8-86136
- Kononyuk, I.F. see Tolochko, S.P. 8-60637
- Kononyuk, K.F. see Olodovskii, P.P. 8-67264
- Konopel'chenko, B.G. Nambu-Goldstone realizations of dynamical groups and nonlinear equations 8-89632
- Konopinski, E.J. What the electromagnetic vector potential describes 8-61974
- Konopka, D. see Slebarski, A. 8-95440
- Konopleva, G.P. see Gutorov, O.I. 8-91039
- Konoplin, S.N. see Gusev, Yu.L. 8-50782
- Konoplyannikov, E.G. see Troshchenko, V.T. 8-64800
- Konorov, P.P. see Tarantov, Yu.A. 8-64141, 8-68082
- Konrova, L.F., Litovskii, M.A., Malkovich, R.Sh., Nikitina, I.P., Savin, E.P. Investigation of radiation-doped silicon 8-56145
- Konosenko, I.D. see Ermolovich, I.B. 8-87719
- Konoshima, S. see Gomay, Y. 8-59690
- Konoshima, S. see Kasai, S. 8-87492
- Konosu, S. see Yokobori, T. 8-60774
- Konov, V.I. see Apostol, D. 8-75428
- Konovalenko, B.M. see Gerasimov, A.B. 8-55893
- Konovalov, I.P. see Vdovin, Yu.A. 8-50511
- Konovalov, N.A., Lakhno, N.I. Apparatus for the supply, control, and synchronisation of cine cameras with prism compensation 8-49936
- Konovalov, O.G. see Derebchinskii, A.I. 8-78192
- Konovalov, O.G. see Gorbenko, V.G. 8-54637
- Konovalov, O.G. see Zyblov, A.A. 8-78191
- Konovalov, S.N. see Shteinberg, V.E. 8-60953
- Konovalov, V.A. see Rybalko, F.P. 8-60706
- Konovalov, V.I. see Deigen, M.F. 8-88178
- Konovalova, E.S. see Samsonov, G.V. 8-52703
- Konovalova, E.S. see Vitebskii, I.M. 8-88119
- Konovodchenko, E.V. see Pashkov, V.V. 8-75731, 8-83879
- Konozenko, I.D. see Ermolovich, I.B. 8-51599
- Konrad, A. An evaluation of the LACC program 8-90000
- Konrad, P. see Evers, D. 8-74385
- Konrad, T.G. Statistical models of summer rain-showers derived from fine-scale radar observations 8-85650
- Konrad, W.L., Moffett, M.B. Parametric acoustic source beamwidth control 8-75011
- Konrad, W.L. see Moffett, M.B. 8-59180, 8-63219
- Konrad, Z. see Svetlicic, V. 8-96033
- Konshina, Z.A. see Bekkerman, L.I. 8-52732
- Konshtein, S.E. Free-fermion condition for generalized vertices 8-93622
- Konsin, P., Kristoffel, N. Soft modes in the vibronic theory of antiferromagnetic and structural modulated phase transitions 8-79719
- Konstantin, M. see Dorchoman, D. 8-78570
- Konstantinov, A.A. see Tikhonov, A.N. 8-69016
- Konstantinov, A.N. see Blinov, A.V. 8-61830
- Konstantinov, E.N. see Kuznechikov, V.A. 8-65887
- Konstantinov, G.V. see Denisov, Yu.V. 8-64650
- Konstantinov, I.O. see Zatolokin, B.V. 8-88686
- Konstantinov, L.L., Hinkov, V.P., Borissov, M.I., Burov, J.I. Photosensitivity of elastic moduli and surface tension in Si 8-83864
- Konstantinov, L.L., Hinkov, V.P., Borissov, M.I., Burov, J.I. Photosensitivity of the elastic properties of CdSe 8-92049
- Konstantinov, O.V., Panakhov, M.M., Romanov, Yu.F. Optical properties of a solid-state phase grating 8-87155
- Konstantinov, O.V. see Gol'dberg, Yu.A. 8-74059
- Konstantinov, S.G. see Bocharov, V.N. 8-75259
- Konstantinov, V.A. see Rubtsov, V.N. 8-87115
- Konstantinov, V.F. see Golovkin, S.V. 8-78218, 8-89919
- Konstantinov, V.S. see Volkov, E.P. 8-93682
- Konstantinova, E.M., Kunev, S.K., Stratieva, N.R., Nedyalkova, A.A. Effect of heat treatment on particle distribution of photosensitivity in CdS layers obtained from system $\text{CdS}+\text{Cr}_2\text{O}_3$ 8-80017
- Konstantinova, E.M., Kyneev, S.K. The photoreactivity effect and photoresistors with improved parameters based on $\text{CdS}_{1-x}\text{Se}_x$ ($0 < x < 0.9$) 8-84248
- Konstantinova, V.P. see Baranov, A.I. 8-52452
- Konta, J. see Skvara, F. 8-80795
- Kontor, N.N. see Volodin, E.Ya. 8-53779
- Kontorovich, S.I., Kononenko, V.G., Shchukin, E.D. Effect of the increased size of the scattering centers in sols of silicic and aluminosilicic acids when they are diluted 8-53270
- Kontorovich, S.I. see Geguzin, Ya.E. 8-51830
- Kontorovich, S.I. see Kononenko, V.G. 8-53269
- Kontorovich, V.M., Stepanov, N.A. Influence of local flattening of the Fermi surface on the absorption and dispersion of sound 8-91596
- Konturi, K. see Ekman, A. 8-71872
- Konuma, M. see Matsumoto, O. 8-84726
- Konvent, H. see Aksionov, V.I. 8-76211
- Konwent, H., Lorenc, J. A thermodynamic theory of the improper antiferroelectric phase transition in ADP 8-80299
- Konwerska-Hrabowska, J. Solvent-shift effects in polymeric matrix 8-62852
- Konyaev, K.V. The role of a reference sensor in autoregression evaluations of the spatial spectrum of a random field [ocean waves] 8-61578
- Konyaev, K.V. see Zolotokrylin, A.N. 8-96266
- Konyaev, Yu.S. see Kurdyumov, V.G. 8-56695
- Konynenburg, R.A. Van see Van Konynenburg, R.A.
- Konyukh, L.A., Yurevich, F.B., Keda, N.T., Sergeyevskiy, E.D. Effect of microstructure of polydisperse media on combined heat transfer in channels 8-91031
- Konyukh, L.A. see Arinkin, S.M. 8-94579
- Konyukhov, V.K., Faizulaev, V.N. Kinetic model of the condensation of a supersaturated gas 8-85151
- Konyushkina, N.I. see Zakharova, M.V. 8-75708
- Konyushko, V.I. see Baranov, D.S. 8-62390
- Koo Kim Byung see Byung Koo Kim
- Koo Park Won see Won Koo Park
- Koogle, T.A., Piziali, R.L., Nagel, D.A., Perkash, I. A motion transducer for use in the intact in-vitro human lumbar spine 8-57155
- Kooijman, P. see Singh, J. 8-93910
- Kooke, D. see Engelhardt, A. 8-77155
- Koon, N.C., Rhyne, J.J. Excited state spin waves in ErFe_2 8-76234
- Koon, N.C., Rhyne, J.J. Crystal-field effects in the spin wave dispersion relations of cubic rare-earth-iron Laves-phase compounds 8-84408
- Koon, N.C., Williams, C.M. Origins of magnetic anisotropy in cubic RFe_2 Laves phase compounds 8-68217
- Koon, N.C. see Rhyne, J.J. 8-68196
- Koon, N.C. see Williams, C.M. 8-84410, 8-84425, 8-84453
- Koonin, S., Flanders, B., Flocard, H., Weiss, M. A separable approximation to time-dependent Hartree-Fock calculations 8-74320
- Koonin, S. see Bonche, P. 8-66318
- Koonin, S.E. Microscopic theory of one-body dissipation 8-54700
- Koonin, S.E. see Davies, K.T.R. 8-82374
- Koonin, S.E. see Flocard, H. 8-66317
- Koonin, S.E. see Negele, J.W. 8-66261
- Koonin, S.E. see Sierk, A.J. 8-50071
- Koons, H.C., Dazey, M.H., Edgar, B.C. Satellite observation of discrete VLF line radiation within transmitter-induced amplification bands 8-96360
- Koopman, D.K., Siebeneck, H.J., Jellison, G., Niessen, W.G. Resonant holography of plasma flow phenomena 8-55751
- Koopman, D.W., McIlrath, T.J., Myerscough, V.P. Resonant scattering of Lyman alpha radiation as a neutral density diagnostic for fusion plasmas 8-83612
- Koopman, D.W. see Greig, J.R. 8-71568
- Koopman, D.W. see Mahon, R. 8-87038
- Koops, J.E. see Meyer, R.A. 8-70496
- Koops, J.E. see Tsan Ung Chan 8-74313
- Koori, N. see Ikegami, H. 8-50065, 8-54731
- Koornneef, J. On variations in the galactic interstellar extinction law 8-85990
- Koornneef, J. The infrared angular diameter of η Carinae 8-93271
- Kooser, R.G. see Clarkson, R.B. 8-72413
- Koosh, M. see Vasilbev, V.A. 8-60520
- Kooter, H.A. see Merle, A.N. 8-91928
- Kopach, G.I. see Palatnik, L.S. 8-75952, 8-76174
- Kopaev, Yu.V., Tugushev, V.V. Multimode generation in semiconductor lasers 8-55357
- Kopaev, Yu.V. see Volkov, B.A. 8-64183, 8-67943, 8-88132
- Kopainsky, B., Kaiser, W. Investigation of intra- and intermolecular transfer processes by picosecond fluorescence gating 8-78745
- Kopainsky, B., Kaiser, W., Schafer, F.P. Ultrafast energy transfer within bifluorophoric molecules 8-74900
- Kopainsky, J. see Brand, K.P. 8-75442
- Kopal, Z., Demircan, O. Fourier analysis of the light curves of eclipsing variables. XIV 8-69830
- Kopaleishvili, T.I., Machavariani, A.I., Emelyanenko, G.A. The study of π d scattering in the (3,3) resonance region on the basis of three-body relativistic equations 8-74405
- Kopasov, A.P. Second harmonic generation in thin conductors and size cyclotron resonance 8-72186
- Kopasov, A.P. The echo in a magnetic plasma layer 8-75345
- Kopcewicz, M. Mossbauer study of the fast magnetization reversal forced in Permalloy and Invar by an external RF magnetic field 8-52311
- Kopchenov, V.I., Kraiko, A.N. Solution of the direct problem of two-phase flow in a Laval nozzle within the scope of the two-fluid model 8-63475
- Kopecky, J. see Vennink, R. 8-62533
- Kopecky, M., Ruzickova-Topolova, B. Comments on the variation of sunspot-group fragmentation 8-73691
- Kopecky, V. see Datlov, J. 8-91125
- Kopeika, N.S. Glow discharge detection of long wavelength electromagnetic radiation: cascade ionization process internal signal gain and temporal and spectral response properties 8-58035
- Kopeika, N.S. see Eytan, G. 8-86318, 8-87517
- Kopeikin, V.I. see Borozoi, A. 8-58310
- Kopelev, S.Z., Likhertzak, E.E. Turbulence characteristics of the stream in a turbine array with expulsion into the rim 8-71319
- Kopelevich, O.V., Gushchin, O.A. On the statistical and physical models of the light-scattering properties of sea water 8-96222
- Kopeliovich, A.I., Morgun, V.N. On the linear resistivity growth of aluminium in strong magnetic field 8-51972
- Kopeliovich, B.A. see Vainblat, Yu.M. 8-80589
- Kopeliovich, B.Z., Lapidus, L.I. Parton model of the pomeron with $\alpha(0) > 1$ 8-74235
- Kopets, Z.V. see Dergai, A.M. 8-58357
- Kop'ev, A.V. see Spitsyn, V.I. 8-84941
- Kop'ev, I.M. see Busalov, Yu.E. 8-95796
- Kop'ev, V.I. see Mil'shtein, R.S. 8-57062
- Kopiczynski, T. Characteristics of negatively biased cylindrical probe at medium pressure 8-63593
- Kopii, N.V. see Vesnina, V.A. 8-89438

- Kopilevich, Yu.I.**, Sochilin, G.B. Determination of the sensitivity of schlieren instruments to turbulent inhomogeneities by means of standards 8-79134
- Kopinga, K.** *see de Jonge, W.J.M.* 8-68277
- Kopinga, K.** *see Hijmans, J.P.A.M.* 8-52289
- Kopinga, K.** *see Takeda, K.* 8-52293
- Kopka, H.** *see Jones, R.M.* 8-81495
- Kopka, I.** *see Tiller, H.-J.* 8-64890
- Kopnin, N.B.** Frequency peculiarities of dissipation in mixed state of second-type pure superconductors at low temperatures 8-52164
- Kopp, F.** *see Werner, C.* 8-73489
- Kopp, H.**, Kipp, W.-U., Weidmann, E. Structure of welded cast iron with nodular graphite 8-80703
- Kopp, I.** *see Brown, J.M.* 8-50538
- Kopp, R.A.** *see Pneuman, G.W.* 8-61838
- Koppe, K.** *see Gast, Th.* 8-65907
- Koppel, A.** On the gauge of tetrad potentials. Reference systems with Newtonian time 8-89378
- Koppel, H.**, Cederbaum, L.S., Domcke, W., Niessen, W. The Jahn-Teller effect in NH_3^+ [ionisation potential calculation] 8-62948
- Koppel, L.N.** *see Shay, H.D.* 8-91132
- Koppen-Borgstedt, G.** *see Bodem, F.* 8-71060
- Koppitz, B.** *see Alexander, G.* 8-74251, 8-89766
- Koppitz, B.** *see Berger, Ch.* 8-62414, 8-89725
- Koppius, A.M.** *see Snijders, A.L.* 8-94715
- Kopric, M.** *see Anicin, B.A.* 8-78865
- Kopriva, D.A.** *see Williams, R.E.* 8-93253
- Koprov, B.M.** *see Elagina, L.G.* 8-96264
- Kopsky, V.** *see Konak, C.* 8-71852
- Kopstein, F.F.** *see Pask, G.* 8-49614
- Koptskii, S.V.**, Povitskii, V.A., Messinev, M.Yu., Baldokhin, Yu.V., Shchukin, N.F. Mossbauer study on shocked hematite 8-64304
- Koptsik, V.A.**, Belov, N.V. Toward a theory of translationally centered Fedorov groups 8-79546
- Koptuyg, V.A.**, Bochkarev, V.S., Derendyaev, B.G., Nekhoroshev, S.A., Piotukh-Peletskii, V.N., Podgornaya, M.I., Ul'yanov, G.P. Use of the computer for the solutions of structural problems in organic chemistry by the methods of molecular spectroscopy 8-88624
- Kopvillem, U.Kh.**, Choodnovskii, V.M. Phonon avalanche in glasses 8-71822
- Kopvillem, U.Kh.** *see Alekseev, A.V.* 8-79706, 8-85844
- Kopylov, A.A.**, Pikhtin, A.N. Shallow impurity states and the free exciton binding energy in gallium phosphide 8-79960
- Kopylov, A.A.** *see Berndt, V.* 8-72567, 8-88341
- Kopylov, I.M.**, Korovyakovskii, Yu.P., Fomenko, A.F. Results of shop tests of six-meter mirror of large azimuthal telescope (LAT) 8-87173
- Kopylov, V.N.** Thermomagnetic waves in Bi 8-80008
- Kopylov, Yu.L.** *see Gromov, A.K.* 8-88286
- Kopylov, Yu.L.** *see Sobolev, A.T.* 8-95007
- Kopylova, D.K.** *see Abdivaliev, A.* 8-58290
- Kopylova, G.F.** *see Chernov, A.A.* 8-79544
- Kopylova, V.P.**, Nazarchuk, T.N. Determination of free metals and oxides in powdered disilicides of transition metals of groups IV-VI 8-61101
- Kopystynska, A.**, Kowalczyk, P. Time dependences in energy transfer process induced by collision between two 3P-excited sodium atoms 8-66498
- Kopystynski, J.L.**, Peyronneau, J., Lacam, A. Theoretical considerations on sudden polymorphic transformations 8-51666
- Kopytin, L.V.** *see Berezovskaya, N.A.* 8-60620
- Kopytova, T.Yu.** *see Nefedov, V.I.* 8-86912
- Kor, G.J.W.** The solubility of nitrogen in liquid manganese 8-51685
- Kor, G.J.W.** The thermal decomposition of Mn_2O_3 and the reduction of Mn_2O_4 by C and CO 8-80743
- Kor, S.K.**, Khare, R.P., Mishra, P.K. Study of ultrasonic attenuation in alkali halides along $\langle 111 \rangle$ and $\langle 110 \rangle$ directions 8-63813
- Korabiev, E.M.** *see Prokhorov, A.M.* 8-79106
- Korablev, I.V.**, Roter, Yu. Use of mean risk criterion to evaluate and increase precision of absorption analysers 8-70088
- Korabliev, V.M.** *see Baranov, D.S.* 8-62390
- Korabljev, I.W.** *see Rother, J.* 8-65900, 8-86753
- Korasli, C.** *see Farish, O.* 8-87582
- Korba, P.S.** *see Balenko, V.G.* 8-88782
- Korbel, S.** *see Vrba, P.* 8-83580
- Korblein, A.** *see Winnacker, A.* 8-91994
- Korchagin, I.N.** *see Bulakh, E.G.* 8-85464
- Korchagin, I.V.**, Kesaev, T.M., Dzusev, A.N., Natapov, B.S., Tsvetkova, A.Kh. Effect of method of manufacture on the structure and lamination tendency of thoriated tungsten 8-68653
- Korchagin, P.I.**, Krasovitskii, V.B. Space focusing of modulated relativistic beam in plasma 8-67373
- Korchagin, V.I.** *see Bachin, I.V.* 8-59614
- Korchagin, V.S.**, Lobzhanidze, V.N. Experiment planning for development of a protective coating (exchange of experience) 8-85031
- Korchagin, V.S.** *see Kravchuk, A.E.* 8-85030
- Korchagina, O.A.** *see Moskvina, A.G.* 8-73317
- Korchak, A.A.** On the formation of a power-law spectrum for particles that are accelerated in solar flares 8-57525
- Korchak, V.N.** *see Gland, J.L.* 8-79891
- Korchazhkina, R.L.** *see Dostkhodzhaev, T.N.* 8-71759
- Korchevoi, Yu.P.**, Lukashenko, S.N. Experimental determination of the effective lifetimes of resonantly excited K, Rb, and Cs atoms in a cylindrical discharge plasma 8-79413
- Korchevoi, Yu.P.** *see Dudko, D.Ya.* 8-55752
- Korchevoy, Yu.P.**, Hilko, I.N. Energy threshold of associative ionization in cesium vapour and dissociation energy for Cs_2^+ ion 8-58804
- Korchevoy, Yu.P.**, Lukashenko, V.I., Lukashenko, S.N. Mechanism of excitation of anomalous bright λ 5730 Å band in discharge potassium plasma 8-67475
- Korchevoy, Yu.P.**, Makarchuk, V.N. Negative ion production in potassium discharge plasma 8-59712
- Korchevoy, Yu.P.** *see Antonov, E.E.* 8-71460
- Korchin, V.A.** *see Lebedev, T.S.* 8-96207
- Korde, N.F.** *see Gurzan, M.I.* 8-68514
- Kordisch, H.** *see Seidelmann, U.* 8-68868
- Kordonskii, V.I.** *see Shul'man, Z.P.* 8-59500, 8-87321
- Kordiyas, A.**, Nowicki, L., Piasecki, E., Czarnacki, W., Urbanski, Z. Precise determination of size and uniformity of a fissionable source 8-86711
- Korec, J.**, Borkowicz, J. Stationary model of the chemical vapour deposition of homoepitaxial silicon layers 8-52679
- Korec, J.** *see Borkowicz, J.* 8-76608
- Korecki, J.**, Krop, K., Zukrowski, J., Lewicki, A., Wolny, M. Relaxation times of FCC superparamagnetic particles in external magnetic fields 8-95482
- Korekoda, S.** *see Mohri, K.* 8-93669
- Koren, U.** *see Abrami, A.* 8-96455
- Korenblit, I.Ya.** Ferromagnetism of dilute PdNi alloys 8-88115
- Korenblit, I.Ya.**, Shender, E.F. Anomalous low-temperature properties of amorphous magnets with random anisotropy axes (C2111) 8-91872
- Korenek, J.** Evaluation of operational reliability of nuclear power stations of the member countries of the MAAE (International Agency for Atomic Energy) 8-82500
- Koreneva, N.A.** *see Alekseev, E.I.* 8-49892
- Koreneva, N.A.** *see Gulyaev, Yu.V.* 8-71225
- Korenko, A.P.** *see Kapitonov, A.M.* 8-84263
- Koren'kov, A.I.** *see Ivanov, V.V.* 8-90640
- Koren'kov, A.I.** *see Sukhovich, E.P.* 8-94565
- Korenkov, Yu.N.** *see Namgaladze, A.A.* 8-53768
- Korenovskii, N.L.** *see Volkenshtein, N.V.* 8-80138
- Korepanov, V.D.** *see Romanov, V.S.* 8-88266
- Korepanov, V.M.** *see Kogan, L.I.* 8-53750
- Korepin, V.E.** *see Faddeev, L.D.* 8-70288
- Koreska, J.**, Schwenker, E.P., Albisser, A.M., Gibson, D.A., Mills, R.H. A simple approach to standardized spinal radiographs 8-57066
- Korets, V.L.** *see Agrest, E.M.* 8-94775
- Koretune, S.** Sum rules for the single-pion-observed inclusive reactions—spin dependent case 8-89718
- Korfmann, G.** *see Balogh, A.* 8-85791
- Korge, H.**, Kudu, K., Laan, M. Development of DC corona pulses at atmospheric pressure 8-67588
- Korgul, P.** *see Blicharski, M.* 8-92295
- Korgulski, T.** *see Ganzorig, D.* 8-86557
- Korhonen, A.S.**, Kleemola, H.J. Effects of strain rate and deformation heating in tensile testing 8-85089
- Korinskii, A.D.** *see Korotkikh, V.L.* 8-57979, 8-68071
- Korkh, L.M.** *see Ageeva, V.S.* 8-60601
- Korkhmazyan, M.M.**, Nalbandyan, R.M. Destruction of the chromophore centre of adrenal ferredoxin on exposure to X-irradiation 8-76993
- Korkhmazyan, N.A.**, Gevorgyan, L.A., Petrosyan, M.L. Effect of electron distribution on the coherent radiation from an electron bunch 8-66734
- Korkhova, L.V.** *see Zatselin, N.N.* 8-60960
- Korkin, I.V.** *see Smirnov, V.V.* 8-80531
- Korklep, K.E.** *see Grjotheim, K.* 8-71873
- Korman, C.S.** *see Coleman, R.V.* 8-92770
- Kormendy, J.**, Bruzual, G.A. The minor-axis brightness profile of the spiral galaxy NGC 4565 and the problem of massive halos 8-93409
- Kormin, N.M.** *see Kozlov, E.V.* 8-87794
- Kormylo, J.** *see Mendel, J.M.* 8-77345
- Korn, C.** Nuclear-magnetic-resonance study of the electronic structure of the Ti-H system 8-56395
- Korn, D.M.** Influence of random fluctuations in charge transport upon image quality in electroradiography 8-66015
- Korn, K.**, Scheffler, M., Bradshaw, A.M. Photoemission from physisorbed xenon: evidence for lateral interactions 8-92174
- Korn, R.** *see Kunstle, K.* 8-78488
- Kornacker, K.** Discrete finite nilpotent Lie analogs: new models for unified gauge field theory 8-66025
- Kornblit, L.** Self-diffusion in metals 8-51723
- Kornblith, R.**, Eberly, J.H. Polarisation dependence in three-level atom resonance fluorescence 8-50500
- Kornblum, H.N.**, Slivinsky, V.W. Flat-response, subkiloelectronvolt X-ray detector with a subnanosecond time response 8-86741
- Kornblum, H.N.** *see Storm, E.K.* 8-74471
- Kornblum, Z.C.**, Ishida, T. Isotope effect on the zero point energy shift upon condensation. I. Formulation and application to ethylene, methane, and fluoromethanes 8-95147
- Kornbulum, H.N.** *see Shay, H.D.* 8-91132
- Korneev, V.R.** *see Petrov, M.P.* 8-56404
- Korneev, V.V.** Thermomagnetic coefficients in a size-quantized semiconducting film 8-56249
- Korneev, V.V.** *see Aglizki, E.V.* 8-53912
- Korneev, V.V.** *see Grebenshikov, Yu.B.* 8-79079
- Korneich, P.G.** *see Kowel, S.T.* 8-64067
- Korneichev, A.I.** *see Eddington, R.I.* 8-71845
- Korneichuk, V.A.**, Mitrofanova, T.I., Mozol, P.E., Pekar, G.S. Photoconductivity of CdS:Cu under ruby laser excitation 8-52033
- Korneienko, L.S.**, Rybaltovskii, A.O., Chernov, P.V. Electron-paramagnetic resonance and thermoluminescence of γ -irradiated vitreous silica produced by vapor-phase synthesis 8-88189
- Kornelyuk, Yu.G.** *see Asratyan, A.E.* 8-62389
- Korner, A.**, Prinz, F., Kirchner, H.O.K. Isostress contours of finite dislocation elements 8-71735
- Korner, H.J.** *see Sperr, P.* 8-70562
- Korner, H.-J.** *see Henning, W.* 8-78413
- Korner, L.M.** *see Anani, A.B.* 8-57125
- Kornev, V.M.** Characteristic features of the swelling process of viscoelastic thin shells under constant loading 8-63326
- Kornev, V.M.** Secondary stresses associated with the structure of a composite material 8-67043
- Korneva, L.A.**, Liverdy, V.P., Shenogina, Z.B. Indicators of long-term variation of hydrometeorologic elements in the coastal zone 8-77258
- Kornfeld, M.I.** Electrification of crystals by cleavage 8-60189
- Kornfel'd, M.I.** Contact electrification of solid insulators 8-88018
- Kornich, V.G.**, Man'ko, V.K., Gorban, A.N. Excitation by atomic hydrogen of anomalously high voltage in CdTe films 8-60235
- Kornienko, A.A.** Influence of charge-transfer processes on the interaction of an impurity center with an external electric field 8-87944
- Kornienko, A.A.** *see Eremin, M.V.* 8-68001
- Kornienko, B.A.** *see Pokatilov, V.N.* 8-72418
- Kornienko, E.N.** *see Delyagin, S.N.* 8-80265, 8-92008
- Kornienko, L.S.**, Kravtsov, N.V., Shelaev, A.N. Axial mode locking in a CW YAG:Nd³⁺ ring laser 8-50835
- Kornienko, T.S.** *see Kishinevskiy, M.Kh.* 8-83368
- Kornienko, Yu.V.** On optimum filter for restoring images 8-55308
- Korniewicz, H.** Labour protection bases in transmission stations electromagnetic fields 8-61263
- Kornilov, I.E.**, Selezov, I.T. Wave perturbations in a viscous compressible fluid 8-75161
- Kornilov, I.E.** *see Demchuk, S.P.* 8-55648
- Kornilov, I.I.**, Boriskina, N.G., Kenina, E.M. Effect of prolonged oxidation on the mechanical properties of titanium alloys AT3 and AT6 8-85050
- Kornilov, I.I.**, Zabrodskaya, M.N., Borishina, N.G., Brynza, A.P. Kinetics of prolonged oxidation of titanium 8-56822
- Kornilov, I.I.** *see Belousov, O.K.* 8-55835
- Kornilov, V.A.** *see Brejzman, B.N.* 8-75371
- Kornilov, V.A.** *see Burmasov, V.S.* 8-75372
- Kornilov, V.G.** *see Aslanov, A.A.* 8-77565
- Kornishev, Yu.A.** *see Soroka, V.V.* 8-91703
- Korniski, R.** *see Wolfe, W.L.* 8-66877
- Kornitskii, A.G.**, Levonovich, B.N., Kireev, P.S., Iofis, B.G., Gordienko, E.V. Photoluminescence and electroreflection of cadmium selenide implanted with phosphorus ions 8-52544
- Kornreich, F.** *see Block, P.* 8-81044
- Kornreich, P.G.**, Mahapatra, A., Kowel, S.T., Loh, K.W., Emmer, B. Double-layered polycrystalline cadmium sulfide on lithium niobate [SAW applications] 8-64480
- Kornyshev, A.A.**, Rubinshtein, A.I., Vorotyntsev, M.A. Model nonlocal electrostatics. I 8-82879

- Kornyshev, A.A.**, Vorotyntsev, M.A. Aspects of conductivity and space charge phenomena in solid electrolytes 8-71877
- Kornyshev, A.A.**, Vorotyntsev, M.A. Analytic expression for the potential energy of a test charge bounded by solid state plasma 8-84154
- Kornukhina, T.A.**, Kochervinskii, V.V., Zelenov, Yu.V. Birefringence measurements of polymers by the polarization-spectral method 8-52470
- Kornyushin, O.G.**, Semenov, E.K. Ellipticity of wind dispersion over the ocean surface (using the example of the northern part of the Atlantic Ocean) 8-61528
- Korob, E.B.** see Nazarkin, V.N. 8-58095
- Korobeinikov, A.V.**, Litovskii, E.Ya. Analysis of distortion of a temperature field by sealing-in of the surface of temperature sensors 8-81968
- Korobeinikov, V.P.**, Potekhin, B.A., Pyankov, B.N. Singularities of the state of iron-nickel austenite near the martensitic transformation temperature 8-68689
- Korobeinikova, V.N.** see Rafikov, S.R. 8-73068
- Korobkin, M.** see Boyd, D.P. 8-69211
- Korobkin, M.** see Shimshak, R.R. 8-73207
- Korobkin, V.V.**, Motylev, S.L. Possible mechanism for self focusing in plasma 8-63571
- Korobkin, V.V.**, Stepanov, B.M., Fanchenko, S.D., Schelev, M.Ya. Pico-femtosecond electron-optical photography 8-82064
- Korobko, E.V.** see Shulman, Z.P. 8-59494
- Korobkov, M.E.** Information from derivative spectra 8-82050
- Korobochko, N.A.** see Bepalov, V.Ya. 8-86799
- Korobov, M.S.** Equations for the axial ray traces in the case of a circular-symmetry reflector with a laterally defocused light source 8-90365
- Korobova, T.A.**, Rukin, V.V., Dzeladze, Zh.I., Kruchinina, S.F., Kasparyan, R.M. Production and properties of powder metallurgy Permalloy 51N 8-60603
- Korochkin, L.S.**, Mikhnov, S.A. Improved probabilities for complete self-synchronisation of modes in a ruby laser 8-74937
- Korochkin, L.S.**, Mikhnov, S.A. The change in the parameters of pulse lamps IFP-1200 under different charge conditions 8-83642
- Korol', A.N.** see Sheka, D.I. 8-67967
- Korol, V.I.** see Kishko, S.M. 8-62936
- Korolev, A.I.**, Bepalov, V.P., Vilnis, K.K., Pavlov, V.S. Method of determining the thermal inhomogeneity of molten glass 8-84756
- Korolev, A.N.** see Boshnyak, B.M. 8-50887
- Korolev, A.P.** see Finkel', V.M. 8-56697
- Korolev, A.Ya.** see Mazaev, V.A. 8-60635
- Korolev, G.A.** see Burg, J.P. 8-89741
- Korolev, I.A.** see Kupryazhkin, A.Ya. 8-79775
- Korolev, L.E.** see Basargin, Yu.G. 8-66439
- Korolev, M.V.** New aperiodic ultrasonic piezoelectric transducers 8-85109
- Korolev, M.V.**, Aristov, V.V., Uryvaev, V.V. Type UT-31MTs portable ultrasonic echo-pulse thickness gauge 8-70108
- Korolev, M.V.**, Galkin, O.G. The UF-91PShh ultrasonic velocity meter 8-59221
- Korolev, V.A.** see Afraimovich, E.L. 8-61651
- Korolev, V.D.** see Baranchikov, E.I. 8-87455
- Korolev, V.F.** Stimulated emission from a rotating anharmonic oscillator 8-50744
- Korolev, V.F.** Induced radiation by a rotator 8-74875
- Korolev, V.F.** Induced radiation from an anharmonic oscillator in a strong electromagnetic field 8-78988
- Korolev, V.F.** see Goganov, D.A. 8-78561
- Korolev, V.I.** Three-dimensional motion of a system of bodies in a stream 8-75116
- Korolev, Yu.I.** see Bichkov, Yu.I. 8-59545
- Korolev, Yu.D.** see Bychkov, Yu.I. 8-83629, 8-83630
- Korolev, Yu.G.** see Berezhnoi, A.A. 8-50874
- Korolev, Yu.N.**, Yakovenko, G.N. Acoustooptical modulation associated with periodic deformation of a liquid-crystal layer 8-52471
- Korolev, Yu.S.** see Aronov, D.A. 8-72253
- Koroleva, E.K.** Exact solution of axisymmetric boundary layer equations for the flow at a wall 8-75121
- Koroleva, L.I.**, Tovmasyan, L.N. Temperature and magnetic field dependences of the electrical resistivity of indium doped CdCr_2Se_4 single crystals. Temperature-driven metal semiconductor transition 8-88003
- Koroleva, V.P.** see Volkov, S.S. 8-86751
- Korol'kov, D.V.** see Berlin, A.B. 8-77527
- Korol'kov, V.A.** see Malov, Yu.I. 8-80041
- Korol'kov, V.I.** see Bergman, Ya.V. 8-52073
- Korolyuk, O.V.** see Chutov, Yu.I. 8-67559
- Korolyuk, S.L.** see Baranskii, P.I. 8-51954
- Koronkevich, M.A.** see Kim, K.K. 8-75181
- Koronkevich, V.P.** see Bychkov, R.M. 8-89439
- Korop, E.D.** see Afonin, I.P. 8-54911
- Koropp, J.**, Kochendorfer, A. Temperature increase during plastic deformation of unnotched and notched tension-test specimens of a structural steel 8-84903
- Koropp, J.**, Kochendorfer, A. The influence of the deformation heat on the mechanical properties of a structural steel 8-84904
- Koros, E.**, Orban, M. Uncatalysed oscillatory chemical reactions 8-61004
- Koros, W.J.** see Chan, A.H. 8-76913
- Korostil, A.M.** see Pan, V.M. 8-87749
- Korot, H.W.** see Kirby, C. 8-90214
- Korotaev, A.D.**, Tyumentsev, A.N., Biryukov, T.A., Shchukin, A.A., Arbuzov, V.K. Law of structure formation during internal oxidation of two-phase alloys 8-84836
- Korotaev, G.K.** On the spectral energy density of wave packets 8-65327
- Korotaev, G.K.**, Kosnyrev, V.K. Evolution model of baroclinic synoptic eddies 8-85599
- Korotaev, G.K.**, Kosnyrev, V.K. On vertical structure of synoptic eddy temperature field disturbances 8-85600
- Korotaev, G.K.**, Kosnyrev, V.K., Kuftarkov, U.M. On available potential energy and generation of meso-scale eddies in the ocean 8-85598
- Koroteev, N.I.** see Akhmanov, S.A. 8-55414
- Koroteev, N.I.** see Azizbekyan, G.V. 8-50550
- Koroteev, N.I.** see Bunin, A.F. 8-74945, 8-78006
- Korotich, I.K.** see Malinov, L.S. 8-88465
- Korotikh, V.L.**, Korinskii, A.D., Matyash, A.A., Musatov, A.L., Strel'chenko, S.S., Titov, V.A. Work function of negative-electron-affinity photocathodes based on GaInAs 8-68071
- Korotikh, V.L.**, Korinskii, A.D., Musatov, A.L. Manipulator for measurement of contact potential difference by the Kelvin method 8-57979
- Korotikh, V.L.**, Musatov, A.L., Shadrin, V.D. Influence of dimensional quantisation of energy levels in semiconductors on photoelectron emission 8-64447
- Korotkina, M.R.** Nonlocal thermoelasticity 8-62081
- Korotkov, K.G.** see Ban'kovskii, N.G. 8-60184
- Korotkov, P.A.** see Kondilenko, I.I. 8-82739
- Korotkov, P.A.** see Tsyashchenko, Yu.P. 8-56493
- Korotkov, V.A.** see Baranov, D.S. 8-62390
- Korotkov, V.P.** see Enuikova, T.A. 8-70187
- Korotov, V.F.** see Dergai, A.M. 8-58357
- Korotushenko, G.V.**, Grigorin, V.I., Kozlov, V.I., Sandomirskii, M.M., Kirvonosova, L.F. Mechanical properties of, and kinetics of the bainitic transformation in, steels 35KhN3MFA and 25KhN3MFA 8-80539
- Korotushenko, G.V.**, Vashchenko, I.P., Milyakov, A.P., Kuznetsova, L.M. Corrosion-fatigue resistance in cavitations in carbon steels having a bainitic structure 8-56815
- Korovaitsev, A.V.** Numerical solution of the nonlinear equations of axisymmetric surfaces of revolution 8-81838
- Korovaitsev, A.V.** Calculation of axisymmetric forms of equilibrium of an elastic spherical shell 8-87262
- Korovin, L.I.** see Giner, K.T. 8-76005
- Korovin, V.Ya.** see Ivanov, E.V. 8-50842
- Korovskii, Sh.Ya.** see Savitskii, A.I. 8-52749
- Korovyakovskii, Yu.P.** Use of the Hartmann method for testing the surface of the 6-meter LAT mirror under shop conditions 8-90540
- Korovyakovskii, Yu.P.** see Kopylov, I.M. 8-87173
- Korp, J.** see Beall, G.W. 8-55844
- Korpassy, P.** Computer program 'PL/1' for calculating subjective noise-characteristics 8-59192
- Korpela, S.A.** see Lambha, N.K. 8-94541
- Korppi-Tommola, J.**, Devarajan, V., Brown, R.J.C., Shurvell, H.F. The temperature dependence of the Raman spectrum of ammonium perchlorate 8-80335
- Korrinda, J.**, Lin, I.-H., Mills, R.L. General theorems about homogeneous ellipsoidal inclusions. [Teaching] 8-61979
- Korsch, H.J.** Semiclassical phase shifts for potentials containing a hard core 8-86178
- Korsch, H.J.** Vibrational state distributions for impulsive triatomic reactions 8-92456
- Korsch, H.J.**, Levine, R.D. Joint products' state distributions in molecular collisions 8-64807
- Korsch, H.J.**, Mohlenkamp, R. Quantum-mechanical streamlines and classical trajectories in elastic scattering 8-70898
- Korsch, H.J.**, Mohlenkamp, R. A note on multi-dimensional WKB wavefunctions: Local and global semiclassical approximations 8-73880
- Korsch, H.J.** see Bach, A. 8-93627
- Korschelt, D.** see Fiedler, H. 8-94668
- Korschinek, G.** see Maier, R. 8-90008
- Korsenkaya, E.S.** see Efanov, V.A. 8-57465
- Korsenskaya, E.S.** see Domnin, S.L. 8-65506, 8-65507
- Korsenskii, V.A.** see Domnin, S.L. 8-65506, 8-65507
- Korsenskii, V.A.** see Efanov, V.A. 8-57465
- Korshak, B.A.**, Lyamov, V.E., Solodov, I.Yu. Acoustic memory in surface states in a layered piezoelectric-semiconductor structure 8-90615
- Korshak, V.V.** see Kochergin, Yu.S. 8-72809
- Korshak, V.V.** see Sergushin, I.P. 8-88384
- Korshunov, A.I.** see Kobrin, M.M. 8-53911
- Korshunov, F.P.** see Bogatyrev, Yu.V. 8-88042
- Korshunov, V.Ya.** see Khachatur'yan, S.V. 8-85006
- Korst, N.N.** see Sokolov, N.D. 8-64358
- Korsukov, V.E.** see Banshchikov, A.G. 8-72090
- Korsukova, M.M.**, Gurin, V.N., Kuz'ma, Yu.B., Kiskachi, A.Yu., Solov'ev, N.E. Structural changes induced in various modifications of boron by zinc 8-79596
- Korsunskaya, I.A.**, Kamenetskaya, D.S., Ershova, T.P. Phase equilibria in the iron-carbon system at high pressures and high temperatures 8-52759
- Korsunskaya, I.A.** see Kamenetskaya, D.S. 8-56613
- Korsunskii, M.I.** Anomalous photoconductivity, its properties, and the mechanism for its appearance 8-95313
- Korsunskii, V.I.**, Naberukhin, Yu.I. Microheterogeneous structure of aqueous solutions of nonelectrolytes X-ray diffraction studies 8-87608
- Kort, S.I.**, Pesin, V.A., Chervinskii, M.N. Stability of magneto-optical properties of MnBi films subjected to repeated pulse heating 8-88282
- Kortanek, K.O.** see Gustafson, S.A. 8-65412
- Korteling, R.G.** see Green, R.E.L. 8-82347
- Kortensky, H.**, Dimitrov, D., Pانون, B., Iwanow, B., Balewsky, T. A method for determination of stress-strain diagram of metals by use of spherical punch 8-76803
- Korth, A.**, Wilken, B. New magnetic electron spectrometer with directional sensitivity for a satellite application 8-94161
- Korth, M.S.** see Gordon, M.S. 8-82643
- Korthondia, V.P.** see Kervallishvili, N.A. 8-75424
- Kortov, V.S.**, Krymko, M.M., Mordkovich, V.N., Shifrin, V.P. Investigation of radiation damage in SiO_2 -Si structures using exoelectronic emission 8-95383
- Korwar, V.M.** see Patil, D.C. 8-86762
- Korynevskii, N.A.** see Levitskii, R.R. 8-76409
- Korytar, D.**, Mrafko, P. Short-range order parameter for liquid ^4He , Ne, and Ar 8-83712
- Korytar, D.**, Mrafko, P. Similarity and short-range order parameters for liquids and amorphous solids 8-83730
- Korzh, N.N.** see Vaitkavichus, G.G. 8-96050
- Korzhavin, V.M.** see Vikhrev, V.V. 8-87475
- Korzhavina, I.A.** see Dzhambusina, M. 8-89762
- Korzhenevskii, A.L.** Nature of the phase transition in systems with a tensor order parameter 8-87775
- Korzun, I.B.** see Vishnevskaya, T.M. 8-64988
- Korzun, M.** see Kaliski, S. 8-83425
- Kos, B.**, Sukiennicki, A. Magnetic bubble domains with twisted walls 8-64245
- Kos, J.F.** Piezoelectric gravitational antennas for use at 3 mK 8-58103
- Kos, J.F.** see Barton, R.J. 8-91688
- Kos, J.F.** see Ramadan, B. 8-54404
- Kosa-Somogyi, I.** see Marffy, F. 8-59755
- Kosaka, I.** see Sato, T. 8-61131
- Kosaka, M.**, Asahina, T., Ikuta, S. Measurement of thermal diffusivity using the constant-rate heating method. II. Application to carbon steel and titanium 8-79976
- Kosakov, A.** see Leonhardt, G. 8-52638
- Kosaly, G.**, Kostic, L.J., Miteff, L., Varadi, G., Behringer, K. Investigation of the local component of the neutron noise in a BWR and its application to the study of two-phase flow 8-94059
- Kosarev, A.V.** see Shpakov, A.A. 8-69009, 8-77013
- Kosarev, G.L.** see Moskvina, A.G. 8-73317
- Kosarev, I.I.** see Kondratov, V.A. 8-77957
- Kosarev, V.M.** see Gladyschuk, A.A. 8-84230
- Kosarev, V.V.** see Popov, V.V. 8-56146
- Kosc, A.**, Przyluski, J. Studies of the electropolishing of beryllium bronze specimens. I. A cylindrical stationary electrode 8-64783
- Kosc, A.**, Przyluski, J. Studies of the electropolishing of beryllium bronze specimens. II. A cylindrical electrode moving forwards 8-64784
- Koschel, W.H.** see Kaufmann, U. 8-56374
- Koschlenko, V.N.** see Avrutskiy, V.A. 8-75464
- Koschmieder, D.** see Kroger, W. 8-82429
- Koschmieder, E.L.** Convection in a rotating annulus with a negative radial temperature gradient 8-90912
- Kose, R.** see Beron, B.L. 8-66064

- Koseki, H.**, Ueno, T., Odajima, A. Thermal and photo effects on the textural change of red amorphous selenium 8-63951
- Koseki, H.** see Murakami, K. 8-76957
- Koseki, K.**, Goto, Y., Yamaoka, T., Tsunoda, T. Effect of distribution of molecular weight on photosensitivity of poly[2-(p-azidobenzoyloxy)ethyl methacrylate] 8-94418
- Koseki, T.** see Ondoh, T. 8-69648, 8-85770, 8-93043
- Kosel, T.** see Drosd, R. 8-51530
- Kosenko, N.S.**, Roithurd, A.L. Effect of external stress on the habit orientation of martensitic layers 8-52804
- Koseto, M.** see Yoshikawa, M. 8-50809
- Kosevich, A.M.** Long-wave quasiparticle states localized at screw dislocation 8-95126
- Kosevich, A.M.**, Tokii, V.V., Strel'tsov, V.A. Dislocations and point defects in hydrostatically compressed crystals 8-75666
- Kosevich, V.M.**, Grigorov, S.N., Lyubchenko, A.P., Umanskii, G.P., Voskoboinikov, M.D. Electron microscope investigation of the structure of graphite in a quenched nickel-carbon alloy 8-68695
- Kosfeld, R.**, Gunther, K.-O. Investigation into the mechanical properties of phenol resin with a filler 8-84933
- Kosfeld, R.**, Specht, K. Investigation into the mechanical and thermal behaviour of phenol resin with and without a filler 8-84828
- Kosfeld, R.** see Brandt, J. 8-76699
- Kosha Komodi, I.** see Vasilbev, V.A. 8-60520
- Koshchavtsev, N.F.** see Buyal'skii, V.V. 8-57367
- Koshel, R.D.** see Nagel, P. 8-89832
- Koshelev, P.F.** see Krjanin, I.R. 8-68820
- Koshelev, P.F.** see Nabotnov, Yu.N. 8-72869
- Koshelev, V.I.** see Bugaev, S.P. 8-87513
- Kosheleva, E.G.** see Borishanskii, V.M. 8-55643
- Kosheleva, G.V.** see Kukharskii, M.P. 8-79188
- Kosheleva, V.I.** see Shnellmova, I.M. 8-72521
- Kosheleva, V.Yu.** see Kagan, G. 8-68681
- Koshelyaev, E.M.**, Borodulin, V.P., Zambrzhitskii, A.P., Puzanov, A.A. Diffuse reflection of light from rough surfaces 8-74843
- Koshevaya, S.V.** see Burlak, G.N. 8-95218
- Koshevaya, S.V.** see Kotsarenko, N.Ya. 8-91734
- Koshida, N.**, Yoshida, S. High-efficiency secondary electron emission produced by ions incident on a porous MgO-Ag layer 8-68586
- Koshikawa, T.** see Goto, K. 8-76573
- Koshikawa, T.** see Suk Tai Kang 8-67734
- Koshilev, N.A.**, Masalov, V.L., Strokin, N.A., Shishko, A.A. Photomultiplier-modulating circuit with spurious-signal compensation 8-58033
- Koshilev, N.A.**, Strokin, N.A. Method for producing neutral-particle beam with controlled energy distribution 8-78038
- Koshino, K.** see Oda, J. 8-88514
- Koshino, S.** see Ohata, T. 8-84632
- Koshizuka, N.**, Yokoyama, Y., Okuda, T., Tsushima, T. Spin-dependent phonon Raman scattering and electronic structure of CdCr_2X_4 (X: S, Se) 8-68491
- Koshkin, V.M.**, Gal'chinskii, L.P., Kulik, V.N., Gusev, G.K., Gur'ev, V.R. Radiation-resistant fast-electron detectors based on In_2Te_3 -type semiconductors 8-78559
- Koshkin, V.M.**, Gal'chinskii, L.P., Kulik, V.N., Gusev, G.K., Ulmanis, U.A. Ionizing radiation detectors based on radiation-stable crystalline semiconductors of the In_2Te_3 type 8-86743
- Koshkin, V.M.** see Katrunov, K.A. 8-76027
- Koshland, D.E., Jr.** see Boone Miller, J. 8-53373
- Koshofer, G.** Colour cine-film from yesterday to today 8-93773
- Koshpar'ovok, V.M.**, Schestopalov, V.P. Plane wave excitation of open resonator with cylindrical confocal mirrors 8-55280
- Koshur, V.D.**, Nemirovskii, Yu.V. Geometric properties of thin shell forming processes 8-51061
- Koshy, J.** Effect of neutron bombardment on the structure of barium sulphate single crystals 8-63793
- Koshy, J.** Effect of annealing on the structure of thin rhodium films 8-76682
- Koshy, K.** see Batra, R.L. 8-75175
- Koshy, T.D.** see Cortellucci, R. 8-64742
- Kosiba, W.** see Ziolo, J. 8-55952
- Kosichkin, Yu.V.** see Anzin, V.B. 8-74008, 8-81984
- Kosichkin, Yu.V.** see Glushkov, M.V. 8-91707
- Kosilov, M.S.**, Ovsyankin, V.P., Grechnev, V.T., Sinitsyn, V.V. Instrument for measuring small active resistances and inductances over range 0.1-50 kHz 8-86299
- Kosina, Z.** A contribution to LSF processing of low-count radiation spectra 8-50448
- Kosinar, I.**, Martisovits, V., Veis, S. Effect of boundary conditions on radial transport of metastable atoms in a positive column 8-67493
- Kosinkin, V.D.** see Generalov, N.A. 8-71514
- Kosinskaya, I.V.**, Polozova, L.P. Stepwise photoionization process in naphthalene 8-82791
- Kosinski, W.** Gradient catastrophe in the solution of nonconservative hyperbolic systems 8-69992
- Kosinski, W.**, Wu, H.-C. On steady viscoplastic waves. Endochronic theory 8-83282
- Koski, A.T.** Spectrophotometry of Seyfert 2 galaxies and narrow-line radio galaxies 8-93391
- Koslow, L.W.** see Klygina, W. 8-85252
- Kosmac, T.**, Komac, M., Thummler, F. The influence of isostatic hot pressing on the mechanical properties of Ta(C,N)-Ni based hard metals 8-92219
- Kosmas, M.K.**, Freed, K.F. Self-consistent field theories of the polymer excluded volume problem. IV. The linear polymer 8-70983
- Kosmodamians'kii, O.S.**, Altukhov, E.V., Shaldirvan, V.A. Axisymmetrical problems of thermoelasticity for media with transversal anisotropy 8-83246
- Kosmodamians'kii, O.S.**, Misov'skii, Yu.V., Storozhev, V.I. Homogeneous solutions for the problems of solid anisotropic thick plates 8-90739
- Kosmulski, M.** see Sokolowski, S. 8-60031
- Kosmus, W.** Semiempirical point charge model for the calculation of valence force constants 8-90150
- Kosnik, K.G.** see Leone, S.R. 8-63095
- Kosnyrev, V.K.** see Korotaev, G.K. 8-85598, 8-85599, 8-85600
- Kosnyrev, V.K.** see Kuftarkov, Y.M. 8-85601
- Kosnyrev, V.K.** see Nelepo, B.A. 8-81191
- Kosobokova, N.L.** see Usanov, Yu.E. 8-78965
- Kosobudskii, I.D.** see Kovalev, Yu.G. 8-74016
- Kosobukin, V.A.** see Banshchikov, A.G. 8-72090
- Kosogov, O.V.**, Kim Kwang Dio, Maramzina, M.A., Girich, B.G., Nikolaev, M.I., Pelevin, O.V., Terekhovich, T.F. Properties of epitaxial n-PbTe-p-Pb_{0.95}Sn_{0.05}Te junctions 8-56225
- Kosoi, L.F.** see Nazarov, V.F. 8-80530
- Kosov, L.I.** see Ignatov, A.V. 8-93677
- Kosovichev, A.G.** see Sokolov, V.S. 8-61839
- Kosovskii, S.** Nonrelativistic and non-Fresnel approach to propagation of light in moving media 8-78904
- Koss, D.A.** see Stout, M.G. 8-80638
- Kossakowski, A.** see Dembinski, S.T. 8-94385
- Kossakowski, A.** see Lugiatto, A. 8-82943
- Kossecka, E.**, deWit, R. Disclination kinematics 8-63764
- Kossler, W.J.** see Bieman, L.H. 8-68272
- Kossler, W.J.** see Birnbaum, H.K. 8-80269
- Kossler, W.J.** see Funsten, H.O. 8-89912
- Kossut, J.** The disorder scattering in zincblende narrow-gap semiconducting mixed crystals 8-51985
- Kossut, J.** see Jaczynski, M. 8-76093
- Kost, A.** Characteristic impedance of a double line in front of a dielectric wedge 8-78855
- Kost, M.E.** see Bashkin, I.O. 8-63853
- Kost, M.E.** see Kashaev, R.S. 8-88217
- Kostadinov, K.N.**, Petrova, V.I., Todorovsky, D.S. A method for the determination of polonium in air 8-73113
- Kostanashvili, N.I.** see Batusov, Yu.A. 8-89855
- Kostanchuk, D.M.** see Fedorov, V.I. 8-59274
- Kostandov, Yu.A.**, Paspurov, I.I., Kapcherin, A.S., Titov, B.F. Mechanical properties of two-layer Al-Be foils 8-51858
- Kostanovskii, A.V.** see Peletskii, V.E. 8-95282
- Kostanyan, K.A.** see Gedakyan, J.A. 8-52699
- Koste, W.W.** see Sturans, M.A. 8-80661
- Kostelova, I.N.** see Berman, Yu.A. 8-54395
- Kostenko, A.I.** see Glukhikh, V.A. 8-55020
- Kostenko, A.P.** see Komogortsev, L.K. 8-85099
- Kostenko, A.S.** see Lukachina, E.N. 8-52737
- Kostenko, V.I.** see Genzel, R. 8-61901
- Kostenko, V.I.** see Matveenko, L.I. 8-69865
- Kostenko, V.I.** see Pauliny-Toth, I.I.K. 8-69902
- Koster, U.** Crystallization of amorphous silicon films 8-84093
- Koster, W.**, Godecke, T. Volume change during the transformation of body centered Fe-Ga phases 8-84802
- Koster, W.** see Godecke, T. 8-92240
- Koster, W.G.** Epidural intracranial pressure measurement 8-85404
- Kosterlitz, J.M.**, Santos, M.A. Phase transitions in layered magnets 8-76252
- Kosterlitz, J.M.** see Achiam, Y. 8-70070
- Kostetskii, A.M.** see Romanyuk, N.A. 8-68469, 8-72480
- Kostial, H.** see Galeskii, F. 8-80409
- Kostic, Lj.** see Behringer, K. 8-94064
- Kostic, Lj.** see Kosaly, G. 8-94059
- Kostikov, Yu.P.** see Bakhranova, N.P. 8-52733
- Kostikov, Yu.P.** see Levantov, M.A. 8-88265
- Kostikov, Yu.P.** see Kyanov, A.I. 8-52735
- Kostin, A.K.**, Savelev, V.V., Vannikov, A.V. Free charges and excitons in stilbene single crystals excited by electron pulses 8-63988
- Kostina, T.I.** see Kondorskii, E.I. 8-76225
- Kostiner, E.** see Anderson, J.B. 8-55855
- Kostinskaya, T.A.** see Vlasov, A.N. 8-50802
- Kostiuk, T.** see Abbas, M.M. 8-61494
- Kostiuk, T.** see Mumma, M.J. 8-61606
- Kostko, V.S.** see Gladyschuk, A.A. 8-84230
- Kostler, H.J.** see Leitner, S. 8-80704
- Kostlin, H.** see Frank, G. 8-79197
- Kostopoulos, D.** see Beniere, F. 8-67852
- Kostornov, A.G.**, Shevchuk, M.S. Hydraulic characteristics and structure of porous metal fiber materials. III. Laws of liquid permeability of materials 8-67848
- Kostornov, A.G.** see Lezhenin, F.F. 8-75053
- Kostorz, G.** see Gupta, S. 8-51598
- Kostov, P.D.** see Mosyak, A.A. 8-83478
- Kostromin, A.S.** see Gakel', V.R. 8-74036
- Kostrov, A.V.** see Brizhinev, M.P. 8-75320
- Kostrzhitskii, A.I.** see Zadorozhnyi, V.G. 8-75555
- Kostsov, E.G.** Transient currents in dielectrics containing electron trapping centres 8-60134
- Kostsov, E.G.**, Malinovskii, V.K. Reversible nonlinearity in dielectric films 8-92024
- Kostsov, E.G.** see Baginskii, I.L. 8-64156
- Kostsov, E.G.** see Gudaev, O.A. 8-60236, 8-60237
- Kosturiak, A.** see Konc, M. 8-60587
- Kostyakova, E.B.** On the difference in physical characteristics of planetary nebulae of the overall field and of the group observed in the direction of the galactic centre 8-54029
- Kostygov, A.N.**, Degtyareva, V.F., Morozov, Yu.G., Chizhov, P.E., Petinov, V.I. Effect of the size of holmium particles on the paramagnetic Curie temperature 8-60317
- Kostyk, R.I.**, Perekhod, A.V. Effect of progressive sound waves on the profiles of spectral lines. V 8-73689
- Kostylev, A.A.**, Londer, Y.I., Terentiev, A.P., Ulyanov, K.N. Electric characteristics and energy studies of non-self-maintained glow discharge at atmospheric pressure 8-71606
- Kostylev, A.A.**, Londer, Ya.I., Terent'ev, A.P., Ulyanov, K.N. Experimental study of the electrical and energy characteristics of an externally maintained pulsed glow discharge 8-79490
- Kostylev, K.V.**, Svetashkova, N.T. Statistical modeling of meteor shower radar observations. II. The Geminid shower 8-61816
- Kostyleva, N.A.** see Gerber, A.A. 8-77940
- Kostyshin, M.T.**, Indutnyi, I.Z. Resolution of the structure of absorption bands by using the real part of the complex dielectric constant 8-72546
- Kostyshin, M.T.**, Indutnyi, I.Z., Stronskii, A.V. Spectral distribution of the photosensitivity of the system CuBr-Ag in the CuBr exciton absorption region 8-56535
- Kostyshin, M.T.**, Koval'chuk, A.M. On the effect of bound and free excited states on light sensitivity of the PbI₂-Ag system 8-71169
- Kostyshin, M.T.**, Sharyi, V.M., Mikhailovskaya, E.V. Long-wave luminescence of PbBr₂ crystals 8-92125
- Kostyshin, M.T.**, Stronskii, A.V., Indutnyi, I.Z., Zavada, V.P. Role of diffusion of excited states in formation of light-sensitive system AgBr-Ag 8-59101
- Kostyuk, V.V.** see Kalinin, E.K. 8-83231
- Kostyukov, A.I.** Curve-crossing problem for Gaussian stochastic processes and its application to neural modelling 8-85299
- Kostyukov, A.I.** see Tkachenko, N.N. 8-56808
- Kostyukov, N.S.** see Balabekov, A.I. 8-95548
- Kostyutkin, V.G.** see Bardin, V.P. 8-90541
- Kosuch, N.**, Tegeler, E., Wiech, G., Faessler, A. X-ray spectroscopic studies of the electronic structure of the oxyanions NO₂⁻, NO₃⁻ and CO₃²⁻ 8-55185
- Kosuch, N.**, Tegeler, E., Wiech, G., Faessler, A. A spectrometer for the investigation of ultra-soft X-ray emission spectra excited with synchrotron radiation 8-62273
- Kosuge, K.** see Ueda, Y. 8-76619
- Kosuge, M.** see Ohta, A. 8-80619
- Kosuge, M.** see Sasaki, E. 8-60757
- Kosuge, N.** Stress relaxation of crosslinked acryl-melamine resin films in hot water 8-60695
- Kosugi, Y.**, Ikebe, J., Sekine, M., Mucha, T., Shitara, N., Kohno, T., Takakura, K. Computer aided analysis of cell-cycle phase from cytophotometric histogram 8-92759
- Kosvinsev, Yu.Yu.**, Kushnir, Yu.A., Morozov, V.I., Stoika, A.D., Strelkov, A.V. Storage of ultracold low-energy neutrons in vessels with condensed metal walls 8-78542
- Kosyachkov, A.A.** see Vasil'ev, M.A. 8-68696
- Kosyachkov, V.I.**, Shestakov, V.A. Diagram of the metastable states of water 8-95129
- Koszi, L.A.** see Nicollan, E.H. 8-91795
- Kot, C.A.** see Yong Woo Shin 8-89349
- Kota, V.K.B.** A study of the static moments of odd-odd deformed nuclei 8-66201
- Kota, V.K.B.**, Ratna Raju, R.D., Vandenput, G. B(E2; 2⁺→0⁺) values for heavy deformed even-even nuclei 8-74325
- Kota, V.K.B.** see Potbhare, V. 8-81920

- Kotadia, K.M.**, Almaula, N.R. Hemispherical F2-layer differences and the neutral atmosphere 8-69603
- Kotadia, K.M.** see Chhipa, G.M. 8-69559
- Kotajima, K.** see Chiba, R. 8-78320
- Kotake, S.** Film condensation of binary mixture flow in a vertical channel 8-75139
- Kotaki, M.**, Ondoh, T., Murakami, T., Watanabe, S. Characteristics of low-latitude whistlers as observed at Okinawa, Japan 8-73576
- Kotani, A.** Spin-density-wave, charge-density-wave and strain-wave in chromium. II. Effects of spin polarization of reservoir and imperfect nesting 8-56284
- Kotani, A.** Effect of harmonics in nearly commensurate spin-density-wave 8-88104
- Kotani, T.**, Yamaguchi, A., Akita, K., Nakai, S. An LPE growth of thick $\text{In}_x\text{Ga}_{1-x}\text{As}$ 8-60589
- Kotanski, A.**, Michnik, J. Two-body resonance approximation of a three-particle decay 8-82174
- Kotanyi, C.G.** see Ekers, R.D. 8-65708
- Kotas, T.J.** see Karanfilian, S.K. 8-67170
- Kote, G.** see Arajs, S. 8-84381
- Koteles, E.S.** see Winterling, G. 8-60482
- Kotel'nikov, R.B.** see Tsykanov, V.A. 8-86582
- Kotel'nikov, Yu.E.** Oscillations in the dipole plasma and the Bose-Einstein condensation of excitons 8-84155
- Kotelnikova, G.V.** see Lovchikova, G.N. 8-54764
- Kotel'nikova, O.A.** see Vedyayev, A.V. 8-87958
- Kotelyanskii, I.M.**, Kriukunov, A.I., Medved', A.V., Mityagin, A.Y., Pantelev, V.V. The role of protective films in the technology for preparing acoustoelectronic amplifiers based in $\text{LiNbO}_3\text{-InSb}$ 8-95220
- Kotelyanskiy, I.M.** see Gulyayev, Yu.V. 8-59235
- Kotera, M.** see Murata, K. 8-87728
- Koterazawa, R.**, Nishikawa, Y., Mori, T. Fracture mechanics and fractography of crack propagation under creep condition 8-52962
- Koterazawa, R.**, Ohashi, T., Watanabe, H. Propagation of part-through fatigue cracks and crack closure in carbon steels 8-72842
- Koterazawa, R.**, Shimo, D. An electron fractographic observation of the cup and cone fatigue fracture 8-72838
- Koterazawa, R.**, Shimo, D., Kondo, J. Fatigue crack propagation and fractography under periodic oversteering 8-52958
- Kotetishvili, V.G.** see Aronov, B.I. 8-87462
- Kothari, L.S.** see Kumar, A. 8-58320
- Kothe, G.**, Ohmes, E. Structure and molecular dynamics in liquid crystals: an ESR study using triradicals as spin probes 8-63670
- Kotik, D.S.**, Polyakov, S.V., Yashnov, V.A. Excitation of the Earth-ionosphere channel by low-frequency sources situated in the inhomogeneous ionosphere 8-85757
- Kotilainen, H.**, Torronen, K. Correlations between crack initiation, propagation and microstructure in a medium strength Cr-Mo-V steel 8-60787
- Kotilainen, H.** see Torronen, K. 8-60799
- Kotkata, M.F.** The Schlieren distribution of the cathodic diffusion layer 8-68894
- Kotkata, M.F.** see El-Mously, M.K. 8-67650, 8-68028
- Kotkin, A.L.**, Mayorshin, V.V., Umarchodzhayev, R.M. The question of the stability and operating range of the one-component Hanle effect quantum magnetometer with feedback 8-82011
- Kotlik, L.L.** see Katlinskii, V.M. 8-79811
- Kotlikov, E.N.** see Alipieva, E.A. 8-70795, 8-83639
- Kotlikov, E.N.** see Kalitevskii, N.I. 8-50763
- Kotlov, Yu.N.** see Anzin, V.B. 8-74008, 8-81984
- Kotlyar, P.E.**, Nezhevenko, E.S., Fel'dbusch, V.I. Fabrication and experimental study of dynamic transparencies using the photoinduced birefringence in $\text{nBi}_2\text{O}_3\text{-mR}$ single crystals 8-90472
- Kotlyarchuk, B.K.** see Volzhenskii, D.S. 8-60175
- Kotlyarevskii, D.M.** Distribution of multiplicity of secondary particles in nuclei at energies of 200 and 800 GeV 8-89879
- Kotlyarevskii, G.I.**, Usov, Yu.P. Adjustment of the pulse length of a high-current relativistic electron beam 8-65997
- Kotlyarevskii, M.B.** see Georgobiani, A.N. 8-87700, 8-95052
- Kotochigova, S.A.** see Kozlov, M.G. 8-82675
- Kotorobai, F.** see Abdvaliev, A. 8-58290
- Kotosonov, A.S.** see Tverskoi, V.S. 8-58003
- Kotov, A.A.** see Borisevich, N.A. 8-82772
- Kotov, A.V.** see Basov, N.G. 8-90458
- Kotov, A.V.** see Efimovskii, S.V. 8-50859
- Kotov, B.V.** see Mostovoi, R.M. 8-76061
- Kotov, V.A.**, Severny, A.B., Tsap, T.T. Observations of oscillations of the Sun 8-53905
- Kotov, V.A.**, Stepanyan, N.N., Scherbakova, Z.A. Contribution of the background magnetic field and fields of active regions and spots to the solar mean field 8-57530
- Kotov, V.A.** see Zvezdin, A.K. 8-90529
- Kotov, V.I.** see Alferov, V.N. 8-66440
- Kotov, V.N.** see Laukhin, V.N. 8-95316
- Kotov, V.V.** see Shul'gin, V.A. 8-76138
- Kotova, A.** see Antomov, Yu. 8-77040
- Kotowski, T.**, Lewandowski, S.J., Sobolewski, R. Superconducting multicontact rotary switch 8-89497
- Kotrappa, P.**, Vashi, V.D., Kolhatkar, M.G., Sundaram, M., Dabhadkar, S.B. Monitoring procedures for effluent releases from nuclear facilities at Trombay 8-89993
- Kotrappa, P.** see Bhatti, D.P. 8-92519
- Kotru, P.N.** On the dissolution of grown synthetic quartz inside the autoclaves 8-63911
- Kotru, P.N.** see Joshi, M.S. 8-75674
- Kotsarenko, N.Ya.**, Koshevaya, S.V., Kalmykov, A.M. Conversion of acoustic into electromagnetic waves in solids with anomalously high permittivity 8-91734
- Kotsarenko, N.Ya.** see Burlak, G.N. 8-60166
- Kotsidas, E.D.** see Good, R.J. 8-95206
- Kotsonis, J.K.** see Fishbane, P.M. 8-82181
- Kotsovinos, N.E.** A note on the conservation of the volume flux in free turbulence 8-51152
- Kotsovinos, N.E.** A note on the conservation of the axial momentum of a turbulent jet 8-67240
- Kotsyubinskii, I.V.** see Babintseva, T.P. 8-74035
- Kotter, F.R.** see Misakian, M. 8-70160, 8-77930
- Kotterba, B.** see Wilkens, H. 8-94485
- Kotthaus, J.P.** High-frequency magnetoconductivity in space charge layers on semiconductors 8-60231
- Kotthaus, J.P.** see Cole, T. 8-64055
- Kotthaus, J.P.** see Darr, A. 8-64138
- Kotthaus, J.P.** see Stallhofer, P. 8-60229
- Kotthaus, J.P.** see Theis, T.N. 8-63997, 8-76101
- Kotthaus, R.** see Brandelik, R. 8-62416
- Kottis, P.** see Lemaistre, J.P. 8-58878
- Kottwitz, A.** see Vescan, L. 8-64061
- Kotur, B.Ya.**, Bodak, O.I. New representatives of the structural types TiNiSi and ZrSi_2 in the systems $\text{Sc-Mn(Fe,Co,Ni)-Si}$ 8-79595
- Kotur, B.Ya.**, Bodak, O.I., Gladyshevskii, E.I. Crystal structure of ScNi_2Si_2 8-95044
- Kotur, B.Ya.** see Bodak, O.I. 8-84773
- Koturovic, A.** see Djukic, Z. 8-57082
- Kotz, U.** see Brandelik, R. 8-62416
- Kotzer, P.** see Jones, R.S. 8-81510
- Kotzler, J.**, Scheithe, W., Blickhan, R., Kaldis, E. Dynamic dipolar cross-over in EuO 8-76339
- Kou, T.**, Mizoguchi, K., Suginoara, Y. The effect of Al_2O_3 on the viscosity of silicate melts 8-83989
- Koubasov, V.N.** see Gurvich, A.S. 8-65383
- Kouchi, H.** see Sato, K. 8-87676
- Koudel'nyi, A.V.** see Zaltsman, E.B. 8-77942
- Kougiya, F.A.** see Bulina, I.G. 8-59429
- Kounadis, A.N.** Stability of elastically restrained Timoshenko cantilevers with attached masses subjected to a follower force 8-63347
- Kounadis, A.N.**, Giri, J., Simites, G.J. Non-linear stability analysis of an eccentrically loaded two-bar frame 8-63343
- Kounnas, C.** see Bauleu, L. 8-93855
- Kouno, T.** see Fujita, H. 8-59692
- Kountouras, N.V.** see Wittko, J. 8-50407
- Koura, K.** On momentum exchange rate of HF 8-78781
- Kouri, D.J.** see Goldflam, R. 8-78802
- Kouri, D.J.** see Heil, T.G. 8-62872
- Kouris, K.**, Spyrou, N.M. Usefulness of photon mass attenuation coefficients in elemental analysis 8-77108
- Kourkouvelis, C.** see Cobb, J.H. 8-62469, 8-89749
- Kousaka, Y.** see Liu, B.Y.H. 8-96297
- Koucher, J.A.** see Damadian, R. 8-85354
- Kouthchy, S.**, Lamy, P. Propagating inhomogeneities in the dust tail of Comet West 1975 [n=1976 VI] 8-61809
- Kouthchy, S.**, Lamy, P., Stellmacher, G., Kouthchy, O., Dzubenko, N.I., Ivanchuk, V.I., Popov, O.S., Rubo, G.A., Vsekhsvjatsky, S.K. Photometrical analysis of the June 30, 1973 solar corona 8-89140
- Kouthchy, S.**, Stellmacher, G. Photospheric faculae. II. Line profiles and magnetic field in the bright network of the quiet Sun 8-69758
- Kouthchy, S.** see Adjabshirzadeh, A. 8-89146
- Koutecky, J.** see Bonacic-Koutecky, V. 8-86792
- Kouthchy, O.** see Kouthchy, S. 8-89140
- Koutitas, C.G.**, Xanthopoulos, T.S. Waves generated by landslide in lakes or bays 8-92879
- Kouts, H.** Research required for international safeguards 8-82482
- Koutsy, J.**, Cap, A. Structural changes during solution annealing of steels Mn18Cr4V 8-84864
- Kouvel, J.S.** see Aitken, R.G. 8-68262
- Kouvel, J.S.** see Sain, D. 8-56291
- Kouwen, N.** see Harrington, R.A. 8-92876
- Kouyama, T.** Determination of fluorescence anisotropy decay by single-photoelectron counting at various count rate 8-84635
- Kouzes, R.** Minicomputer data acquisition system for nuclear physics applications 8-90048
- Kouzes, R.T.**, Mueller, D. The mass of ^{65}Co 8-93931
- Kouzes, R.T.** see Struble, G.L. 8-66212
- Kouznetsov, M.A.** see Borisenkov, E.P. 8-65359
- Kouзов, D.P.** see Belinskii, B.P. 8-94612
- Kovac, B.** see Ruscic, B. 8-94286
- Kovach, R.L.** Seismic surface waves and crustal and upper mantle structure 8-73323
- Kovachev, P.D.** see Budurov, S.J. 8-79822
- Kovachev, V.T.** see Bussiere, J.F. 8-64171
- Kovachev, V.T.** see Velchev, N.B. 8-64134
- Kovacheva, R.** Metallographic investigation of the blast-furnace magnetic structure of ferromagnetic metals and alloys 8-73008
- Kovacs, A.J.**, Straupe, C., Gonther, A. Isothermal growth, thickening, and melting of poly(ethylene oxide) single crystals in the bulk. II 8-51432
- Kovacs, A.J.** see Rickert, S.E. 8-91565
- Kovacs, B.V.** see Johnson, W.C. 8-52799
- Kovacs, C.J.**, Evans, M.J., Wakefield, J.A., Looney, W.B. A comparative study of the response to radiation by experimental tumors with markedly different growth characteristics 8-53454
- Kovacs, G.J.**, Scott, G.D. Attenuated total reflection angular spectra of a Ag film bounded by dielectric slabs 8-92135
- Kovacs, I.** Theory of stationary lattice defects as sources of elastic singularities 8-59800
- Kovacs, I.** Centrifugal distortions in the molecular spin interactions 8-62783
- Kovacs, I.**, El-Agrab, M.I.M. The intensity distribution of the $^3\Pi-^1\Pi$ bands in diatomic molecules 8-66601
- Kovacs, I.**, Grandpierre, A. Contribution to the intensity distributions of the multiplet bands in diatomic molecules. II 8-90216
- Kovacs, I.**, Peczei, I. Contribution to the intensity distributions of the multiplet bands in diatomic molecules. I 8-86913
- Kovacs, L.M.** see Vigassy, J. 8-54822
- Kovacs, N.**, Foy, R. A detailed analysis of three stars in the Eggen's ϵ Indi moving group 8-85982
- Kovacs, P.** see Kalman, E. 8-55788
- Kovacs, R.** see Kendrick, S. 8-61714
- Kovacs, S.J., Jr.**, Thorne, K.S. The generation of gravitational waves. IV. Bremsstrahlung 8-93093
- Kovadlo, P.G.** Determination of dependence of the turbulence structural coefficient on height in the atmospheric surface layer 8-69400
- Kovaichuk, N.G.** see Bui Van Shang 8-65926
- Koval', A.N.** On the measurement of magnetic fields in prominences and flares by the photographic method 8-65584
- Koval', A.V.**, Karal'nik, S., Ushakov, V.M. X-ray K-absorption spectra of Fe and Ni in an inhomogeneous solid solution 8-56544
- Koval', A.V.** see Karal'nik, S.M. 8-64299
- Koval', I.F.**, Krynk'o, Yu.N., Mel'nik, P.V., Nakhodkin, N.G., Goisa, S.N. Investigation of the phase composition of silicon oxides by electron spectroscopy methods 8-60042
- Koval', I.P.**, Krynk'o, Y.N., Melnik, P.V., Nakhodkin, N.G., Shaldervan, A.I. The determination of electron mean free paths in solids by depth and angular dependences of inelastically scattered electron spectra 8-92154
- Koval, L.N.** Classical theory of relativistic surfaces 8-69984
- Koval, L.R.** On sound transmission into a heavily-damped cylinder 8-83166
- Koval', N.N.** see Kaz'min, G.S. 8-78517
- Koval, V.G.** Influence of $p\pi\text{-}d\pi$ conjugation and the electronegativity of substituents on the energy of a hydrogen bond 8-82863
- Koval', V.I.** see Gorr, G.V. 8-86139
- Koval', V.M.** see Es'kova, N.F. 8-84853
- Koval', V.P.**, Potapov, A.V. Mathematical modeling of the motion of a liquid in an axisymmetric tank under the action of an injected jet 8-63473
- Koval', V.P.** see Karvatskii, L.M. 8-56813
- Koval', V.P.** see Zholob, V.M. 8-88460
- Koval', Yu.M.** see Gertsler, D.S. 8-55974
- Koval'chenko, M.S.**, Dorofeev, Yu.G., Zherditskii, N.T., Ochkas, L.F., Vinokurov, V.B. Comparison of results of theoretical and experimental determinations of pressure in dynamic hot pressing 8-60599
- Koval'chuk, A.M.** see Kostyshin, M.T. 8-71169
- Koval'chuk, B.I.** see Bilan, V.N. 8-64802

- Koval'chuk, L.V.**, Sherstobitov, V.E. Influence of small-scale phase inhomogeneities on the properties of unstable resonators 8-59050
- Koval'chuk, N.G.** Automatic testing of industrial resistance thermometers 8-73998
- Koval'chuk, N.G.** see Polishchuk, E.S. 8-62197, 8-77831
- Koval'chuk, V.A.**, Rekalo, A.P. $\mu \rightarrow e + \gamma$ decay and mixing of charged heavy leptons 8-58178
- Koval'chuk, V.I.** see Mikolaichuk, A.G. 8-88385
- Kovalenko, A.N.** see Makhovko, Yu.E. 8-67012
- Kovalenko, B.D.** see Ovsyannikov, A.I. 8-59486
- Kovalenko, E.V.** see Aleksandrov, V.M. 8-49659
- Kovalenko, G.V.** see Fedorov, V.I. 8-59274
- Kovalenko, L.M.** see Gerashchenko, O.A. 8-85385
- Kovalenko, N.F.** see Solov'ev, V.V. 8-82649
- Kovalenko, N.P.**, Kuz'mina, L.M., Maier, G. Interion interaction in metallic hydrogen 8-91299
- Kovalenko, O.I.** see Nemoshkalenko, V.V. 8-52997
- Kovalenko, P.M.** see Zatsopin, N.N. 8-60941
- Kovalenko, S.I.**, Solodovnik, A.A. Electron diffraction study of solid $\text{CH}_4\text{-O}_2$ mixtures 8-83953
- Kovalenko, V.A.**, Molodykh, S.I. Localisation on the Sun of regions of outflow of quasi-steady high-velocity streams of solar wind 8-53919
- Kovalenko, V.A.** see Grishin, S.F. 8-86282
- Kovalenko, V.A.** see Martynenko, V.G. 8-86281
- Kovalenko, V.F.**, Kesamanly, F.P., Maronchuk, I.E., Masenko, B.P., Peka, G.P., Shepel', L.G. Photoluminescence and photoconductivity of high-resistivity chromium-doped $\text{Al}_x\text{Ga}_{1-x}\text{As}$ films 8-72596
- Kovalenko, V.F.**, Peka, G.P., Shepel', L.G. Study of the photoluminescence emission and excitation spectra of variable-gap semiconductors 8-76526
- Kovalenko, V.P.** see Gabovich, M.D. 8-50692
- Kovalenko, V.P.** see Gladkii, A.M. 8-75369
- Kovalenko, V.S.**, Volgin, V.I. Special features of laser doping of iron surface with vanadium 8-95065
- Kovalenko, V.S.** see Abarbanel, Z.I. 8-59462
- Kovalenko, V.S.** see Belov, N.V. 8-83763
- Kovalenko, V.V.** see Artemenkova, L.V. 8-89998
- Kovalev, A.A.**, Levashkevich, L.V. An experimental investigation of automodulation of radiation in a ruby with passive switching of the electrooptical shutter 8-74936
- Kovalev, A.I.**, Logunov, A.V., Petrushin, N.V., Egorova, L.S. Thermal conductivity and electrical resistivity of NiTi in the temperature interval 90-450K 8-68009
- Kovalev, A.M.** Observability criteria for non-linear dynamical systems, for multidimensional measurements 8-49790
- Kovalev, A.M.** A digital-analog motor slip indicator 8-65911
- Kovalev, A.M.** Determining the phase coordinates of a rigid body moving in a Newtonian force field 8-89049
- Kovalev, A.S.**, Rakhimova, T.V., Rakhimov, A.T. On the effect of detachment processes on the uniformity of a stationary non-self-sustained discharge 8-59713
- Kovalev, A.S.** see Golubev, S.A. 8-71613
- Kovalev, A.V.**, Plakhtii, V.P., Andreeva, G.T. Phase transitions in boracite $\text{Co}_2\text{B}_2\text{O}_{13}$ 8-68465
- Kovalev, A.V.**, Plakhtii, V.P., Bedrizova, M.N., Andreeva, G.T. Magnetic ordering in ferroelectric boracite $\text{Fe}_2\text{B}_2\text{O}_{13}$ 8-72331
- Kovalev, B.M.** see Ermokhin, N.V. 8-71442
- Kovalev, I.A.** see Deev, V.I. 8-94694
- Kovalev, I.D.**, Maksimov, G.A., Suchkov, A.I., Larin, N.V. Analytical capabilities of laser-probe mass spectroscopy 8-64902
- Kovalev, L.K.**, Poltavets, V.N. Two-dimensional temperature distribution in a ceramic-based electrode 8-59258
- Kovalev, S.A.**, Rybchinskaja, G.B. Analysis of conditions for transition to film boiling upon incipient boiling 8-90660
- Kovalev, S.A.**, Rybchinskaya, G.B. Prediction of the stability of pool boiling heat transfer to finite disturbances 8-75044
- Kovalev, V.**, Mel'nikov, V. Interference phenomena and integral emittance of metals during high-temperature oxidation 8-91458
- Kovalev, V.I.**, Kononov, E.Ya. Automated comparator-microphotometer 8-77962
- Kovalev, V.I.**, Kononov, E.Ya. Photoelectronic setting for comparison of lines on a photographic plate 8-78015
- Kovalev, V.I.**, Ramonas, A.A., Ryabtev, A.N. $3d^3\text{-}3d^24p$ transition in the spectrum of Mn V 8-55134
- Kovalev, V.N.** see Aver'yanov, V.V. 8-75433
- Kovalev, V.P.**, Isaev, V.I. Calculation of the diameter of the field set up by electron bremsstrahlung 8-56857
- Kovalev, V.T.** see Pyatkov, A.G. 8-61112
- Kovalev, Yu.G.**, Khizhnyak, V.G., Kosobudskii, I.D. Electrical inlet into a high-pressure chamber 8-74016
- Kovalev, Yu.Yu.** see Bratashevskii, Yu.A. 8-72116
- Kovaleva, I.V.** see Kolobkov, V.P. 8-64415
- Kovaleva, L.M.** A case of inertial motions of a gyrost. Dividing motions 8-86138
- Kovaleva, O.I.** see Palatnik, L.S. 8-75950
- Kovalevich, V.I.** see Volk, T.R. 8-92047
- Kovalevskaya, A.M.** see Petryaev, E.P. 8-61035
- Kovalevskaya, T.A.** see Popov, L.E. 8-52909
- Kovalevskaya, T.I.**, Limberova, V.V., Astakhov, V.M., Usova, V.A. Structure and composition of some compounds on the surface of gallium arsenide [using IR spectroscopy] 8-63918
- Kovalevskaya, T.I.** see Gerasimenko, N.N. 8-76505
- Kovalevskaya, Yu.A.** see Amitin, E.B. 8-51697
- Kovalevskaya, Ye.M.** see Kerblay, T.S. 8-73571
- Kovalevskii, D.V.** see Divil'kovskii, I.M. 8-59015
- Kovalevskii, M.Yu.**, Peletninskii, S.V. On the problem on creating the macrostructural nonequilibrium entropy 8-77826
- Kovalevskii, V.L.** see Kuzovnikov, A.A. 8-67545
- Kovaliov, B.M.**, Kulik, P.P., Popov, A.Yu., Riabii, V.A. Generation of extremely dense plasma by means of cylindrical cumulative compression 8-71508
- Kovaliov, B.M.** see Batanova, T.N. 8-71451
- Kovalchuck, B.M.**, Lavrinovich, V.A., Mesyats, G.A., Potalytsin, Yu.F., Toptigin, V.B. Investigation of the switching characteristic of the high-current multi-spark discharge at high pressure in the gas mixtures SF_6 , N_2 and Ar 8-67444
- Kovandova, J.** see Sasek, L. 8-80505
- Kovar, D.G.** see Geesaman, D.F. 8-82404
- Kovar, D.G.** see Henning, W. 8-78413
- Kovar, D.G.** see Paul, M. 8-54800
- Kovar, D.G.** see Pieper, S.C. 8-82378
- Kovar, D.G.** see Rehm, K.E. 8-58298
- Kovar, D.G.** see Tabors, S.L. 8-78412
- Kovarskii, N.Ya.** see Ribinshtein, A.I. 8-53221
- Kovarskii, V.A.** see Averbukh, I.Sh. 8-55162
- Kovarskii, V.A.** see Belousov, A.V. 8-88340
- Kovaszny, L.S.G.** see Oshima, K. 8-94676
- Kovaszny, S.G.** Large scale structure in turbulence: a question or an answer? 8-90847
- Kovatchev, P.D.** see Budurov, S.J. 8-80510
- Kovba, L.M.** see Sirotinkin, S.N. 8-67695
- Kovba, L.M.** see Sirotinkin, S.N. 8-79598
- Kovbas'uk, V.** see Biberman, L. 8-75440
- Kovbasyuk, L.D.**, Kulagin, I.S. A technique for determining the daily free nutation of the Earth 8-96126
- Kovchik, S.E.** see Volchok, I.P. 8-56735
- Kovenskaya, B.A.**, Abdusalimova, M.N., Abdusalimova, M.N., Abulkhaev, B. Thermophysical properties of monobismuthides of rare-earth metals of the yttrium subgroup 8-91453
- Kovenskii, I.I.** see Kalinovich, D.F. 8-76044
- Kover, A.** see Kover, L. 8-95653
- Kover, L.**, Ujhelyi, Cs., Berenyi, D., Varga, D., Kadar, I., Kover, A., Miller, J. X-ray photoelectron spectroscopic investigation of electrochemically oxidised and reduced platinum surfaces 8-95653
- Koveshnikov, L.A.**, Khlystov, N.Z. On the hydrology of the Gulf Stream cyclonic eddies 8-85589
- Kovesi-Domokos, S.** see Casalbuoni, R. 8-70304
- Kovesi-Domokos, S.** see Domokos, G. 8-62354
- Kovitya, P.**, Lowke, J.J., Stokes, A.D. Theory of ablation stabilised arcs 8-71585
- Kovner, D.S.**, Shmelev, A.N. Experimental investigation of a compensated 2-channel conduction MHD pump with leakage current 8-75228
- Kovner, M.S.**, Kuznetsova, V.A., Larkina, V.I., Likhter, Ya.I. High-energy electron flux and ELF radiation flux at ionospheric heights during the magnetic storm of December 16, 1971 8-69564
- Kovner, M.S.**, Mishin, V.V., Shkelev, Ye.I. Hydromagnetic pulsations in the magnetosphere and Kelvin-Helmholtz instability 8-73584
- Kovner, M.S.** see Gavrilenko, V.G. 8-50992
- Kovpak, V.I.** On prediction of creep for metal materials 8-68725
- Kovrazhkin, R.A.** see Galperin, Yu.I. 8-88997
- Kovrigin, A.I.** see Akhmanov, S.A. 8-59083
- Kovrigin, V.A.**, Kozin, R.G. Elastoplastic stress condition of a plate during phase transformation 8-95781
- Kovrigin, V.A.** see Kal'ner, V.D. 8-95856
- Kovrizhnykh, O.M.**, Kuzhevskii, B.M., Chupova, L.M. On peculiarity of coming out into the interplanetary space of solar flare electrons 8-77445
- Kovrizhnykh, O.M.**, Savenko, I.A., Chupova, L.M. The directivity of X radiation from solar flares 8-69768
- Kovrygina, L.M.**, Sosnovets, E.N., Tverskaya, L.V. Formation and decay of the belt of energetic electrons injected during the storm of July 4-6, 1974 8-69617
- Kovsh, I.B.** see Basov, N.G. 8-58978
- Kovshev, E.I.** see Titov, V.V. 8-91243
- Kovshik, A.P.** see Ryumtsev, E.I. 8-84521
- Kovtun, G.P.** see Vol'kenshtein, N.V. 8-76041, 8-87961
- Kovtun, N.M.**, Prokopenko, V.K., Shamyakov, A.A. Electroconductivity and electron exchange in spinel structures 8-84207
- Kovtun, N.M.** see Belov, K.P. 8-88199
- Kovtun, N.M.** see Vitebskii, I.M. 8-88119
- Kovtunenکو, S.V.** see Gorban', I.S. 8-72490
- Kovtunenکو, V.M.** see Gubin, V.V. 8-75378
- Kovtyukh, A.S.**, Panasyuk, M.I., Sosnovets, E.N. Magnetic effect of an asymmetric ring current of protons 8-96348
- Kovura, Yu.A.**, Komkov, V.S. Boundary conditions at the surface of a plasma emitter of ions 8-87432
- Kovyzin, V.Ya.** see Verner, V.D. 8-71787
- Kovyzin, Yu.A.** see Arkhipov, G.A. 8-85104
- Kowaka, M.**, Kudo, T. Stress corrosion cracking of stainless steel in concentrated chloride solution 8-56825
- Kowaka, M.**, Kudo, T., Ota, K. Protection of polythionic acidic stress corrosion cracking on stainless steel 8-56824
- Kowalczyk, P.** see Kopystynski, A. 8-66498
- Kowalczyk, S.P.** see Martin, R.L. 8-66492
- Kowalik, W.** Interference measurement of continuous heterogeneities in optical materials 8-93756
- Kowalski, P.** The spectral sensitivities of colour-reproduction systems 8-49883
- Kowalsi, L.** see Miller, J.M. 8-50220
- Kowalska, E.** see Kowalski, W. 8-63250
- Kowalski, A.** see Heldt, J. 8-90112
- Kowalski, F.V.**, Demtroder, W., Schawlow, A.L. Digital wavemeter for CW lasers 8-89447
- Kowalski, F.V.**, Hill, W.T., Schawlow, A.L. Saturated-interference spectroscopy 8-70193
- Kowalski, F.V.** see Teets, R.E. 8-82056
- Kowalski, G.** Incomplete data acquisition in ultra-fast CT-scanners 8-80950
- Kowalski, H.** see Besch, H.J. 8-93893
- Kowalski, J.**, Neumann, R., Suhr, H., Winkler, K., zu Putlitz, G. Two-photon intracavity dye laser spectroscopy of the 4S and 3D term in ^6Li 8-82706
- Kowalski, K.L.** Green function equations, factorization properties and spurious solutions in channel-coupled multiparticle scattering theories 8-82323
- Kowalski, S.** see Denus, S. 8-83614
- Kowalski, S.** see Williamson, C.F. 8-66191
- Kowalski, W.**, Kowalska, E. The ultrasonic activation of non-polar collectors in the flotation of hydrophobic minerals 8-63250
- Kowalskie, B.J.** see Hurley, C.A. 8-63135
- Kowalsky, R.J.**, Dalton, D.R., Saylor, W.L. A simple device for efficient transfer and unit dose packaging of Xe-127 8-85377
- Kowel, S.T.**, Korneich, P.G., Szebenyi, T., Kaplan, D. Modulation of current in a thin film of lead tin selenide by bulk acoustic waves 8-64067
- Kowel, S.T.** see Kornreich, P.G. 8-64480
- Kownacki, J.** see Kerek, A. 8-50440
- Kownacki, J.** see Parus, J.L. 8-92575
- Kox, A.J.**, Wiegell, F.W. Statistical mechanics of a lipid monolayer 8-73141
- Koyama, H.** see Inoue, T. 8-67742
- Koyama, H.** see Takagi, S. 8-92703
- Koyama, H.** see Uemura, Y.J. 8-76966
- Koyama, J.** Seismic moment of the Vladivostok deep-focus earthquake of September 29, 1973, deduced from P waves and mantle Rayleigh waves 8-61354
- Koyama, J.** see Nishihara, H. 8-83121
- Koyama, J.** see Suhara, T. 8-66958
- Koyama, K.** see Horiguchi, S. 8-72668
- Koyama, K.** see Ishikawa, T. 8-67836
- Koyama, K.** see Takada, J. 8-52876
- Koyama, K.** see Takagi, S. 8-82520
- Koyama, M.**, Aoyama, K., Kobayashi, I., Aoyama, K., Matsumoto, T. Step-index multimode optical fibers in the experimental system 8-90503
- Koyama, M.** see Kobayashi, I. 8-90506
- Koyama, M.** see Miki, T. 8-66943
- Koyama, M.** see Suzuki, H. 8-66930
- Koyama, M.** see Suzuki, N. 8-90504
- Koyama, R.Y.**, Phillips, W.E., Myers, D.R., Liu, Y.M., Dietrich, H.B. The energy levels and the defect signature of sulfur-implanted silicon by thermally stimulated measurements 8-91643
- Koyama, S.** see Yukutake, T. 8-96127

- Koyama, T. *see* Fujisawa, A. 8-61273
- Koyama, Y., Shimizu, M., Aoki, S., Ohgi, N., Mori, T. Optical devices for optical fiber communication 8-74989
- Koyanagi, K. *see* Awatani, J. 8-64623
- Koyanagi, K. *see* Katagiri, K. 8-60830
- Koyanagi, R. *see* Aki, K. 8-73338
- Koyen, M.A. *see* Avakyan, S.V. 8-69557
- Kozai, Y., Ikeda, Y., Kinoshita, H. The hydrogen transfer polymerization of methacrylamide by sodium-naphthalene 8-95726
- Kozai, Y., Tsuchiya, A., Tomita, K. The range measurement system of the laser ranging equipment 8-89074
- Kozak, A. *de see* de Kozak, A.
- Kozak, A.P. *see* Elkina, V.D. 8-92233
- Kozak, J.J. *see* Davidson, R. 8-62769
- Kozakai, H. *see* Hosoda, M. 8-89617
- Kozaki, S., Sakurai, H. Characteristics of a Gaussian beam at a dielectric interface 8-66747
- Kozanecki, A., Werner, Z., Rzewuski, H., Lofer-ski, J.J. A study of excitonic spectra in $\text{CdS}_x\text{Se}_{1-x}$ mixed crystals 8-92131
- Kozar, A.V., Kolesnikov, V.S., Pirogov, Yu.A. Distribution of electrical field intensity in a resonance-type multilayer device 8-78854
- Kozawa, Y. *see* Aoki, S. 8-94097
- Kozawaguchi, H., Wada, M. Helical sense and pitch of cholesteric liquid crystals 8-59744
- Kozdoba, L.A. Mathematical modelling of non-linear direct and reverse heat conduction problems 8-94514
- Kozdoba, L.O., Mel'nik, V.K. Effect of non-linearities allowance scheme on oscillations of numerical solutions of heat conduction problems 8-90625
- Kozhelupova, N.G. *see* Kitaigorodskii, S.A. 8-69401
- Kozhemyakin, V.A., Shul'govich, G.I. Detection efficiency of Si(Li) detectors for 0.05-1.25-MeV γ rays 8-86744
- Kozhevnikov, A.A., Arabidze, G.G., Matveyeva, L.S. Blood flow in a renal artery with a deformed vascular wall 8-65063
- Kozhevnikov, A.V. *see* Khalatov, A.A. 8-71338
- Kozhevnikov, D.A. *see* Yenikeeva, F.Kh. 8-61582
- Kozhevnikov, N.I. Cophasal regions on the Sun 8-96469
- Kozhevnikov, V.A., Chistovich, L.A. Nature of auditory cues in a speech signal 8-96057
- Kozhevnikov, V.F. *see* Vargaftik, N.B. 8-55903
- Kozhevnikov, V.I. *see* Bondarenko, N.L. 8-56862
- Kozhina, I.I. *see* Gushkina, N.G. 8-88454
- Kozhuharov, Ch. *see* Backe, H. 8-50197
- Kozhukhar', A.Yu., Prokhorov, A.D., Tsintsadze, G.A. Ground state and spin-lattice relaxation of Tb^{3+} ions in lanthanum ethyl sulfate crystals subjected to hydrostatic compression 8-88185
- Kozhukhar', A.Yu., Tsintsadze, G.A. Spin-spin interactions of Cu^{2+} ions in zinc fluosilicate 8-72397
- Kozhukhar, A.Yu. *see* Buchachenko, A.L. 8-88120
- Kozhukhar, A.Yu. *see* Galkin, A.A. 8-52339
- Kozhukharov, V., Marinov, M., Grigorova, G. Glass-formation range in binary tellurite systems containing transition metal oxides 8-71680
- Kozhukharov, V.S., Marinov, M.R., Pavlova, J.N. Phase equilibria and immiscibility in the $\text{TeO}_2\text{-P}_2\text{O}_5$ system 8-52779
- Kozhukhov, S.A., Yakovlev, V.F. Relaxation of rotational energy in $\text{N}_2\text{-Ar}$ mixtures in the temperature interval from 300 to 1050K 8-50617
- Kozhushner, M.A. *see* Ivanov, G.K. 8-88019
- Kozielski, M. *see* Krol, A. 8-63827
- Kozima, K., Kanamori, H., Matsuda, O. Direct measurement of optical transfer functions of spectroscopic systems 8-74849
- Kozin, M.G. *see* Bogdanov, T.V. 8-91998
- Kozin, R.G. *see* Kovrigin, V.A. 8-95781
- Kozina, G.S. *see* Vlasov, A.N. 8-50802
- Koziol, H. *see* Bregman, M. 8-89768
- Koziol, H. *see* Carron, G. 8-90006
- Kozitskii, S.V. Light absorption by excitons in the layered crystals with regard for interlayer hoppings 8-68532
- Kozitskii, Yu.V., Levitskii, R.R. Decoupling procedure in Green's function method and sum rules for de Gennes' model 8-56434
- Kozlenkov, V.P. *see* Bykovskii, Yu.A. 8-68629
- Kozliner, L.I. *see* Asatiani, T.L. 8-73598
- Kozlov, A.G., Rudnitskii, V.A., Shukevich, A.K. Rating the effect of the stressed condition of galvanic nickel plating on the readings of magnetic thickness gauges 8-88611
- Kozlov, A.G. *see* Anisimov, V.I. 8-70624
- Kozlov, A.N. *see* Fleurov, V.N. 8-91686
- Kozlov, A.P. *see* Izotov, V.I. 8-88493
- Kozlov, E.V., Kushnarenko, V.M., Shtern, D.M. Investigation of the order-disorder phase transition in the alloy Ni_4W 8-64532
- Kozlov, E.V., Shtern, D.M., Kormin, N.M., Gudin, O.A. Ordering of nonstoichiometric solid solutions 8-87794
- Kozlov, E.V. *see* Starenchenko, V.V. 8-84909
- Kozlov, F.N. *see* Abramov, V.V. 8-80476
- Kozlov, G.I., Reshetnyak, S.A. Lithium plasma laser 8-50760
- Kozlov, G.V. *see* Bystrov, V.P. 8-76428
- Kozlov, L.F. Analytic calculation of the hydrodynamic resistance of a schematic model of a ship 8-75123
- Kozlov, L.F. *see* Ovsyannikov, A.I. 8-59486
- Kozlov, L.G. *see* Kalugin, V.D. 8-60918
- Kozlov, M.G., Kotochigova, S.A., Krylov, B.E. Absorption spectrum of ytterbium vapor in the 1700-1060 Å region 8-82675
- Kozlov, N.A. *see* Gondra, A.D. 8-74931, 8-82966
- Kozlov, N.P., Malashchenko, V.A., Protasov, Yu.S. The possibility of producing highly effective sources of radiation operation with a pulse repetition frequency on the basis of a discharge along hypersonic plasma jets 8-74073
- Kozlov, N.P., Protasov, Yu.S. On the mechanism of a plasma focus formation in an ablation type magnetoplasma compressor 8-79478
- Kozlov, N.P., Protasov, Yu.S. Formation of plane shock wave in the plasma focus zone of a magnetoplasma compressor 8-83569
- Kozlov, N.P. *see* Kamrukov, A.S. 8-67440
- Kozlov, S.I., Krokhamal'nikov, Ye.B., Novozhikov, V.I., Popov, V.V., Savelyev, S.M., Solodovnikov, G.K. Behaviour of a sporadic E-layer in the electromagnetic field of a strong radio wave. I 8-69569
- Kozlov, S.I., Krokhamal'nikov, Ye.B., Novozhikov, V.I., Popov, V.V., Savelyev, S.M., Solodovnikov, G.K. Behavior of a sporadic E layer in the electromagnetic field of a strong radio wave. II 8-73566
- Kozlov, S.I. *see* Avakyan, S.V. 8-53767
- Kozlov, S.M. *see* Verkin, B.I. 8-94538
- Kozlov, S.N. *see* Kashkarov, P.K. 8-76129
- Kozlov, S.N. *see* Venkstern, S.A. 8-91774
- Kozlov, S.N. *see* Zabotin, V.M. 8-91775
- Kozlov, V. Structural changes in the compositions $\text{As}_2\text{S}_{100-x}$ 8-51427
- Kozlov, V.A. *see* Aleksandrov, Yu.A. 8-86527, 8-89852
- Kozlov, V.G. *see* Kiparisov, S.S. 8-52731
- Kozlov, V.I. *see* Korotushenko, G.V. 8-80539
- Kozlov, V.I. *see* Lantukh, V.M. 8-92427
- Kozlov, V.M. Influence of annealing on the structure and microhardness of electrolytic copper 8-76668
- Kozlov, V.M., Musvik, A.B., Ivanov, V.G., Mironov, Yu.L. Investigation into hydrodynamics and heat exchange in film flows 8-91000
- Kozlov, V.M. *see* Pertsov, N.V. 8-53017
- Kozlov, V.P. On elimination of the atmosphere influence in remote sounding of sea-surface temperature 8-96311
- Kozlov, V.P., Luizova, L.A. Selection of a rational algorithm for treating experimental data in local plasma spectroscopy methods 8-51346
- Kozlov, V.V., Kolesnikov, N.N. On theories of dynamics 8-65762
- Kozlov, V.V. *see* Bolotin, S.V. 8-86141
- Kozlov, V.V. *see* Iolin, E.M. 8-52338
- Kozlov, V.V. *see* Kapinos, V.M. 8-63417
- Kozlov, V.V. *see* Pushcharovskii, Yu.M. 8-73346
- Kozlov, Yu.G. *see* Chaika, M.O. 8-58015
- Kozlov, Yu.P. *see* Kagan, Y.Ye. 8-69025
- Kozlov, Yu.P. *see* Selishcheva, A.A. 8-68981
- Kozlov, Yu.Ya. Evaluation of noise in rooms for sound recording and reproduction at a motion picture studio 8-55518
- Kozlova, K.I. *see* Glagolevskii, Yu.V. 8-69815
- Kozlova, L.N. *see* Pryanishnikov, V.P. 8-88441
- Kozlova, L.V. *see* Borishanskii, V.M. 8-55643
- Kozlova, M.N., Lashko, N.F., Bogina, N.Kh., Gavrilyuk, M.I., Rudneva, N.M., Mishina, A.A. Phase analysis of tungsten alloys 8-60651
- Kozlova, O.G., Geraskina, G.P., Belov, N.V. On the morphology of potassium bichromate crystals 8-59796
- Kozlova, O.M. *see* Shtovba, Yu.K. 8-80564
- Kozlova, T.A. *see* Veretennikov, V.A. 8-74527
- Kozlovich, L.A. *see* Agapov, P.P. 8-73980
- Kozlovskii, T. *see* Balandin, M.P. 8-89828
- Kozlovskii, D.A. *see* Aristov, A.V. 8-50772, 8-82963
- Kozlovskii, E.N. *see* Kamach, Yu.E. 8-71029
- Kozlovskii, I.S. Achievements in heat treatment of steel and prospective developments 8-95765
- Kozlovskii, M.P. Correlation length in the three-dimensional Ising model 8-77811
- Kozlovskii, M.P. *see* Yukhnovskii, I.P. 8-84444
- Kozlovskii, V.I., Nasibov, A.S., Pechenov, A.N., Popov, Yu.M., Reznikov, P.V. Stimulated emission as a result of television-type operation of a laser cathode-ray tube with its screen at room temperature 8-59028
- Kozłowski, G. *see* Cizewski, A. 8-60037
- Kozłowski, H., Jezowska-Trzebiatowska, B. Magnetic resonance studies of some metal-peptide complexes-models of natural systems 8-64937
- Kozłowski, M. On the polarization of the final nucleus in the (N, α) knock-on reaction 8-74352
- Kozłowski, T., Zgliniski, A. The nuclear excitations and particle emission following muon capture 8-89825
- Kozłowski, T. *see* Fong, J. 8-94008
- Kozłowski, T. *see* Hoffmann, G.W. 8-62674
- Kozłowski, T. *see* Zgliniski, A. 8-89845
- Kozłowsky, B.Z. *see* Contini, M. 8-85997
- Kozma, L. *see* Hevesi, J. 8-84622
- Kozma, L. *see* Ketskemety, I. 8-68540
- Kozmann, G. Computerized method for quantitative characterization of heart vibrations by a multipolar model 8-85429
- Koz'menko, V.K. *see* Volchokov, E.P. 8-51215
- Koz'mik, V.D. *see* Mikhailuk, I.P. 8-79494
- Kozmutza, C. *see* Strausz, O.P. 8-90079
- Kozono, S. *see* Awaka, J. 8-85670
- Kozorezov, A.G. *see* Gulyaev, Y.V. 8-91733
- Kozub, V.I. *see* Gal'perin, Yu.M. 8-60248
- Kozubovskii, V.R. *see* Danileiko, M.V. 8-82997
- Kozubowski, J.A. *see* Kocanda, S. 8-60834
- Kozuka, Z. *see* Otsuka, S. 8-51713
- Kozuka, Z. *see* Sugimoto, E. 8-60663
- Kozynda, Yu.O. *see* Novikov, G.F. 8-81449
- Kozyr, Yu.E., Prokopets, G.A. Reactions (n, n') , (n, np) , (n, pn) on ^{23}Na , ^{27}Al , ^{32}S at the neutron energy of 14.6 MeV 8-78385
- Kozyrev, V.S., Shutkin, A.E. CDP survey technique in the complex permafrost conditions of the Vilyuisk syncline 8-53751
- Kozyrev, Yu.P. *see* Cherskii, I.N. 8-68720
- Kozyreva, M.S. Plasmon-phonon resonance in strontium titanate 8-56093
- Kozyrskii, G.Ya. *see* Shurin, A.K. 8-84931
- Kozyukov, A.V. *see* Gorbun', V.P. 8-80490
- Kraak, W., Oelgart, G., Schneider, G., Herrmann, R. The semiconductor-semimetal transition in $\text{Bi}_{1-x}\text{Sb}_x$ alloys with $x \geq 0.22$ 8-76120
- Kraan, A.M. *van der see* van der Kraan, A.M.
- Kraan, W.H., Rekveldt, M.Th. Calculation of neutron depolarization in a uniaxial ferromagnet 8-64192
- Krabbendam, H. *see* Heinerman, J.J.L. 8-55778
- Kracklauer, A.F. A theory of the electromagnetic two-body interaction 8-49739
- Kraeft, W.D., Jakubowski, P. On the equation of state of Coulomb systems 8-91627
- Kraeft, W.D. *see* Ebeling, W. 8-75273
- Kraeft, W.D. *see* Ropke, G. 8-76004
- Kraemar, R.W. *see* Baker, R.D. 8-70404
- Kraemer, D. *see* Kuhn, W.R. 8-81280
- Kraemer, R.W. *see* Derrick, M. 8-82197
- Kraemer, R.W. *see* Engler, A. 8-93875
- Kraemer, U. *see* Kuzenko, M. 8-53070
- Kraemer, W.P. *see* Cederbaum, L.S. 8-90234
- Kraemer, W.P. *see* Hennen, P. 8-50473
- Kraevoi, V.I. *see* Lyakhovich, L.S. 8-53032
- Krafczyk, G. *see* Barish, B.C. 8-62386, 8-89699
- Krafczyk, G. *see* Merritt, F.S. 8-66104
- Krafft, G. Superheating and bubble formation in helium II 8-56000
- Krafft, J.M., Cullen, W.H., Jr. Organizational scheme for corrosion-fatigue crack propagation data 8-90779
- Krafthefer, B.C. *see* McClure, B.T. 8-88933
- Kraftmakher, Ya.A., Piningina, T.Yu. Anomalies of resistivity and thermopower of samarium at high temperatures 8-64027
- Kragis, I.Zh., Stirna, U.K., Alksnis, A.F. Physico-mechanical properties of rigid integral polyurethane foam 8-68743
- Krahenbuhl, U. *see* Meyer, G. 8-54351
- Kraidenov, V.F. *see* Itskevich, E.S. 8-77915, 8-81979
- Kraige, L.G., Skaar, S.B. A variation of parameters approach to the arbitrarily torqued, asymmetric rigid body problem 8-93528
- Kraiko, A.N. *see* Kopchenov, V.I. 8-63475
- Krainik, N.N. *see* Smolenskii, G.A. 8-68055, 8-95549, 8-95560
- Krainov, V.P. Two-photon resonant scattering in a strong field 8-58967
- Krainov, V.P., Kruglikov, A.V. Multiphoton resonance fluorescence in a strong low-frequency field 8-55154
- Krainov, V.P. *see* Delone, N.B. 8-86798
- Krainov, V.P. *see* Volkov, N.G. 8-89847
- Kraiskii, A.V. *see* Zubov, V.A. 8-71048, 8-87024
- Kraizman, V.L. *see* Vedrinskii, R.V. 8-50559
- Krajcinovic, D. *see* Srinivasan, M.G. 8-59317
- Krajenbrink, F. *see* Zanio, K. 8-52676

- Krajewski, T.**, Stachowiak, M. Thermal diffusivity of lithium hydrazinium sulfate (LH₂S) crystals 8-63886
- Krajnik, J.** *see* Bohm, J. 8-80948
- Krakauer, H.**, Cooper, B.R. Generalised muffin-tin orbital method for surfaces and thin films 8-95331
- Krakauer, H.**, Posternak, M., Freeman, A.J. Origin of surface resonance states in nearly-free-electron metals: Al (001) 8-95322
- Krakov, M.S.** *see* Bashstovoi, V.G. 8-94834
- Krakovich, E.V.** *see* Arbuzov, M.P. 8-60312, 8-60608, 8-68302
- Krakoviyak, M.F.**, Grebennik, I.L. Ultrasonic inspection of pipe with diameters of 40-135 mm 8-76813
- Krakoviyak, M.F.**, Grebennik, I.L. A probe for ultrasonic inspection of weld joints 8-92426
- Krakoviyak, M.F.** *see* Grebennik, V.S. 8-60955
- Krakow, W.** Computer experiments on the imaging of the [111] split crowdion interstitial in tungsten by transmission electron microscopy 8-71723
- Krakowski, M.**, Szymanski, G. Numerical analysis of eddy-currents induced within a metal cylinder by AC in parallel conductors 8-78856
- Krakowski, R.A.** *see* Cort, G.E. 8-94141
- Krakowski, R.A.** *see* Hagenson, R.L. 8-58433
- Kral, J.**, Netuka, I. Contractivity of C. Neumann's operator in potential theory 8-69966
- Kral, M.V.** *see* Koci, M. 8-77138
- Kral, W.A.** *see* Friedberg, H. 8-50922, 8-89445
- Kralik, F.**, Klcova, A. Abrasive fragmentation of the Al-Al₂Cu eutectic composite material 8-64715
- Kralik, M.** *see* Galan, P. 8-57075
- Kralikova, B.**, Skala, J. Probe measurements of the electron energy distribution function in oxygen plasma 8-63595
- Kralikova, B.**, Skala, J. The Langmuir probe influence on the measurement of the electron energy distribution function in O₂ plasma 8-83609
- Kralkina, E.A.** *see* Devyatov, A.M. 8-67507
- Krall, K.R.**, Reichmann, E.J., Wilson, R.M., Henze, W., Jr., Smith, J.B., Jr. Analysis of X-ray observations of the 15 June 1973 flare in active region NOAA 131 8-53913
- Kramarenko, N.L.**, Kurnosov, I.V., Naboikin, Yu.V. Some peculiarities of cholesteric-to-nematic transition in cholesteric liquid crystal mixtures 8-91244
- Kramarenko, N.L.** *see* Kurnosov, I.V. 8-51418
- Kramarenko, V.A.** *see* Astvatsaturov, R.G. 8-78569
- Kramarev, L.N.** Strain gauge for measuring large deformations at increased temperatures 8-57927
- Kramarov, S.O.** *see* Grekov, A.A. 8-64332
- Kramer, B.**, Izaguirre, F., Kalikstein, K. Infrared-induced changes in the emission spectra of ZnS powder phosphors 8-80389
- Kramer, B.** *see* Goldman, S.R. 8-72189
- Kramer, C.M.**, German, R.M. Low-temperature sintering of iron oxides 8-92221
- Kramer, D.** Einstein-Maxwell fields with null Killing vector 8-65821
- Kramer, E.J.** Summation curves for flux pinning in superconductors 8-52165
- Kramer, E.J.** Fundamental fluxoid-defect interactions in irradiated superconductors 8-52166
- Kramer, E.J.**, Krenz, H.G., Ast, D.G. Mechanical properties of methanol crazes in poly(methyl methacrylate) 8-72844
- Kramer, E.N.**, Murnikov, B.A., Musii, V.I., Russo, Yu.D., Timchenko, E.A. The use of photography for determining the topocentric coordinates of bolides 8-61818
- Kramer, E.N.**, Shetaka, I.S. The meteor luminosity efficiency coefficient based on photographic observations 8-96440
- Kramer, G.**, Einighammer, H.J., Elwert, G., Brauning, H., Fink, H.H., Trumper, J. Analysis and interpretation of soft X-ray photographs of coronal active regions taken with Fresnel zone plates. I. Image analysis 8-77538
- Kramer, G.** *see* Godone, A. 8-55392
- Kramer, G.M.**, Martin, B.G., Wallis, R.F. Theory of electronic bound states associated with n-type inversion layers on silicon 8-60217
- Kramer, H.H.** *see* Arino, H. 8-78536
- Kramer, H.H.** *see* Skrabva, W.J. 8-78535
- Kramer, J.** Spectroscopic characterization of ytterbium monohalide emission in a high pressure electrodeless microwave arc discharge 8-74670
- Kramer, J.J.** *see* Sun, J.N. 8-95461
- Kramer, K.**, Braun, P. The on-line difference image method in microscopy 8-92688
- Kramer, M.**, Rohr, W. Bedside microcomputers for graphical presentation of the variation of vital parameters 8-88751
- Kramer, M.A.** *see* Etkin, A. 8-89743
- Kramer, N.I.** *see* Imanov, E.Z. 8-51938
- Kramer, P.** *see* Gottschalech, V. 8-88434
- Kramer, P.B.**, Pipkin, F.M. New measurement of the fine structure in the 3²P state of ⁴He 8-82686
- Kramer, R.** *see* Abermann, R. 8-91572
- Kramer, S.D.**, Bemis, C.E., Jr., Young, J.P., Hurst, G.S. One-atom detection in individual ionization tracks 8-70802
- Kramer, S.L.**, Ayres, D.S., Cohen, D., Diebold, R., Pawlicki, A.J., Wicklund, A.B. Polarization parameter for nucleon-nucleon elastic scattering at 11.8 GeV/c 8-66158
- Kramer, S.L.** *see* Wicklund, A.B. 8-58200
- Kramer, V.** The crystal structure of the ferroelastic/ferroelectric 2MA polytype of antimony(III) oxide iodide, Sb₂O₃I 8-91316
- Kramer, W.E.** *see* Hopkins, R.H. 8-71211
- Kramer-Ageev, E.A.** *see* Briskman, B.A. 8-79640
- Kramers, H.C.** *see* van der Boog, A.G.M. 8-63898
- Kramez, W.A.** *see* Lawrenko, W.A. 8-51825
- Krammer, M.** A polarization prediction from two-gluon exchange for $1^{--}(Q\bar{Q}) \rightarrow \gamma + 2^{++}(q\bar{q})$ 8-54616
- Kranda, K.S.** *see* Stromeier, C.F., III 8-65006
- Krane, K.S.** E2, M1 multipole mixing ratios in even-even nuclei, $58 \leq A \leq 150$ 8-50118
- Krane, K.S.** Angular correlation measurements in the decay of ⁷¹Zn^m 8-78305
- Kranendonk, J.** *see* van Kranendonk, J.
- Kraner, H.W.** *see* Roy, S.N. 8-70881
- Kranold, R.** *see* Walter, G. 8-67623
- Kranz, E.** Anode spot motion and erosion on high speed rotating anode discs 8-71498
- Kranz, G.** *see* Wiegmann, J. 8-52744
- Kranz, H.** *see* Betz, H. 8-49906
- Krapf, K.G.** Oscillatory behaviour of a rotating ring 8-87255
- Krapf, S.G.** Non-Boltzmann distribution of free electrons under high space charge conditions 8-56555
- Krappe, H.J.**, Massmann, H. On the theory of fusion and elastic scattering of deformed aligned heavy-ions 8-58303
- Krasa, J.**, Novak, M., Novgorodov, M.Z., Rothhardt, L. Striations in the low pressure discharge CO laser 8-66814
- Krasa, J.**, Perina, V. Wavenumber spectra of turbulent ionization waves in Ne discharge 8-71541
- Krasa, J.**, Perina, V., Pekarek, L. The phase instability and disintegration of an ionisation wave 8-67518
- Krasa, J.**, Perina, V., Rothhardt, L. Experimental study of the properties of turbulent (irregular) ionization waves in Ne glow discharge using correlation technique 8-67519
- Krasa, J.** *see* Pekarek, L. 8-79426
- Krasavin, Yu.I.** *see* Skokov, A.D. 8-74033
- Krashepovtsev, V.V.** *see* Akimchenko, I.P. 8-56492
- Krasicky, P.D.**, Scott, J.C., Silsbee, R.H., Ritter, A.L. ESR of exchange coupled Cr³⁺ pairs in the dimer di-phenylphosphinatoacetyl-acetonatochromium(III) (DPACr) 8-88172
- Krasiko, A.N.** *see* Tyagai, V.A. 8-68479, 8-72625
- Krasil'nik, Z.F.** Second-harmonic generation in nonequilibrium media 8-77726
- Krasil'nikov, O.M.**, Postnikov, V.A. Fourth-order elastic moduli of alkali halide crystals with the NaCl-type structure 8-91373
- Krasil'nikov, V.A.** *see* Goncharov, V.P. 8-63510
- Krasil'nikov, V.N.**, Ovchinnikov, A.O. Geometric-optics description of Cerenkov radiation in an inhomogeneous medium 8-66766
- Krasil'nikova, A.N.** *see* Popov, O.A. 8-85047
- Krasil'nikova, T.G.** *see* Gurvich, A.S. 8-88870
- Krasilov, Y.I.** *see* Burkov, V.I. 8-92083
- Krasil'shchik, V.Z.**, Lifshits, M.G. Graphite-disk atomizer (exchange of experience) 8-54463
- Krasil'shchikova, E.A.** Acoustic field of a wave incident on a moving plane 8-63218
- Krasinski, A.** Ellipsoidal space-times, sources for the Kerr metric 8-54249
- Krasinski, A.**, Perkowski, M. Symbolic algebraic computer programs. I. The LISP programming language 8-61749
- Krasinski, P.Ya.** *see* Vopilkin, A.Kh. 8-71257
- Krasitskii, O.P.** *see* Izakov, M.N. 8-69721
- Krasitskii, V.P.**, Zaslavskii, M.M. Comments on the Phillips-Miles theory of wind wave generation 8-79328
- Krasnikov, D.N.** *see* Ukhov, B.V. 8-89544
- Krasnikov, N.V.** Restriction of the fermion mass in gauge theories of weak and electromagnetic interactions 8-89650
- Krasnikov, N.V.** *see* Chetyrkin, K.G. 8-62413
- Krasnikov, N.V.** *see* Ignatiev, A.Yu. 8-66072
- Krasnikov, V.V.** *see* Il'yasov, S.G. 8-58004, 8-62215, 8-65985
- Krasnikova, G.N.**, Uslakov, A.I., Kazakov, V.G., Bochkarev, V.F., Gorovoi, A.M. X-ray characteristic temperature of Fe-Ni alloys with different crystal lattices 8-67797
- Krasnikova, L.I.**, Velikaya, R.R. Investigation of the organization of the background activity of the neurones of the visual cortex of the rabbit 8-69044
- Krasnikova, L.I.**, Velikaya, R.R. Investigation of the reaction patterns of the neurones of the rabbit visual cortex to constant illumination 8-80871
- Krasnikova, S.I.**, Lednyanskii, A.F., Chernyavskaya, S.G., Rusinovich, Yu.I., Drobot, A.V. Thermal brittleness of maraging steel 03Kh11N10M2T 8-88526
- Krasnoborod'ko, V.V.** *see* Volovov, V.I. 8-50991
- Krasnokutskii, A.V.** *see* Berner, Kh. 8-68007
- Krasnokutskii, R.N.** *see* Apel', V.D. 8-78223
- Krasnokutskii, R.N.** *see* Donskov, S.V. 8-78549
- Krasnolob, N.P.** *see* Grishchenko, G.A. 8-84258
- Krasnoperov, E.P.** Measurement by means of uncalibrated transducers with nonlinear characteristics 8-73979
- Krasnoperova, A.A.**, Gluskin, E.S., Mazalov, L.N. LI, III-absorption spectra of sulfur in the CS₂ and SCO molecules 8-86807
- Krasnoperova, A.A.**, Gluskin, E.S., Mazalov, L.N., Kochubei, V.A. The fine structure of the L_{II,III} absorption edge of sulfur in the SO₂ molecule 8-62823
- Krasnoperova, A.A.** *see* Gluskin, E.S. 8-86847, 8-90187
- Krasnoperovtsev, V.V.** *see* Akimchenko, I.P. 8-84619
- Krasnoshchekov, L.F.** Formulae for check calculation of heat exchangers with parallel-mixed flow of heat carrier 8-67199
- Krasnoshchekov, M.M.** *see* Fedorchenko, I.M. 8-60845
- Krasnov, A.E.** Thick-film phase holograms recorded by means of coded reference waves 8-50740
- Krasnov, A.P.** *see* Kabanov, Yu.P. 8-59816
- Krasnov, I.P.** Integral equation for magnetostatic problems with thin plates or shells 8-50675
- Krasnov, K.S.** *see* Girichev, G.V. 8-86843
- Krasnov, N.N.** *see* Zatolokin, B.V. 8-88686
- Krasnov, V.M.** *see* Bayukina, M.F. 8-77417
- Krasnov, V.P.** *see* Ivanov, B.A. 8-52320
- Krasnova, I.V.** *see* Bryantsev, V.Ya. 8-60311
- Krasnovskii, A.A.** *see* Chan Van Ni 8-96025
- Krasnovskii, A.A.** *see* Umrikhina, A.V. 8-76994
- Krasnovskii, A.A., Jr.** Photoluminescence of singlet oxygen in solutions of the chlorophylls and pheophytins 8-80831
- Krasnyanskii, G.E.** *see* Tsyashchenko, Yu.P. 8-56493
- Krasovitskii, V.B.**, Razdorskiy, V.G. Instability of a curved relativistic monoenergetic electron beam in a plasma 8-87456
- Krasovitskii, V.B.** *see* Bachin, I.V. 8-59614
- Krasovitskii, V.B.** *see* Korchagin, P.I. 8-67373
- Krasovskaya, I.V.**, Syshchikova, M.P. Head-on-interaction of two shock waves 8-67216
- Krasovskii, A.Ya.**, Stepanenko, V.A., Bera, N.D. Use of a scanning electron microscope in the quantitative stereofractographic analysis of fatigue fractures 8-80645
- Krasovskii, A.Ya.**, Stepanov, G.V., Kharitonov, N.V. Effect of strain rate on the charge in microstructure of Armco iron in tension-compression 8-80614
- Krasovskii, L.F.**, Mironov, V.S., Plakhotnikova, N.A., Repko, L.I. Grain size determination for aluminum powder by sedimentation in a USA-3M instrument 8-60897
- Krass, M.S.** The magnetotelluric field in a homogeneous layer with a cylindrical inclusion 8-53617
- Krass, M.S.**, Fadeev, V.E. The thermal history of the Moon 8-65522
- Krassovsky, V.I.**, Shefov, N.N. Hydroxyl emission, waves and winds at radio-meteor levels 8-93025
- Krastelev, E.G.** *see* Voronin, V.S. 8-71016
- Krasukin, Yu.L.** *see* Gusev, V.M. 8-95083
- Krasulin, Yu.L.** *see* Busharov, N.P. 8-79649
- Krasulin, Yu.L.** *see* Guseva, M.I. 8-95087
- Krasyuk, A.D.** *see* Vasil'ev, M.A. 8-74097
- Krasyukov, V.P.** *see* Gurevich, E.B. 8-59061
- Krat, V.A.** Movements and magnetic fields on the Sun 8-57522
- Kratky, K.W.** The area of intersection of n equal circular disks 8-57755
- Kratky, K.W.** Equation of state of a hard-disk fluid. I. The virial expansion 8-91047
- Kratochvil, J.** Meaning of internal variables in plasticity 8-79227
- Kratochvil, J.P.**, Lee, M.-P., Kerker, M. Angular distribution of fluorescence from small particles 8-76926
- Kratschmer, W.** Short-range correlations in nuclei and their investigation with the reaction (e,e'd) 8-54743
- Kratz, J.V.** *see* Schadel, M. 8-78408

- Kratz, K.E., Webb, S.V., Sherman, S.M. Electro-physiological classification of X- and Y-cells in the cat's lateral geniculate nucleus 8-64996
- Kratz, K.-L. *see* Crancon, J. 8-70497
- Kratz, L.D., Flom, M.C. The Humphrey Vision Analyzer™: reliability and validity of refractive-error measures 8-61265
- Kratzer, S., Frey, J. Transient velocity characteristics of electrons in GaAs with Γ -L-X conduction band ordering 8-79997
- Kraulzberger, H.A. *see* Clevert, H.-D. 8-88763
- Kraus, A.D., Doty, L.F., Snider, A.D. An efficient algorithm for evaluating arrays of extended surface 8-90635
- Kraus, D.E. *see* Herbert, M.L. 8-54631
- Kraus, H., Schaller, E. Steady-state characteristics of inversions capping a well-mixed planetary boundary layer 8-61483
- Kraus, I. *see* Gosmanova, G. 8-85043
- Kraus, J.S. *see* Leung, S.Y. 8-95644
- Kraus, J.S. *see* Tolk, N.H. 8-86804
- Kraus, K. Rectification of multispectral scanner imagery 8-88939
- Kraus, L. *see* Gempferle, R. 8-91885
- Kraus, M. *see* Casasent, D. 8-66767
- Krausche, D., Fearn, R.L., Weston, R.P. Round jet in a cross flow: influence of injection angle on vortex properties 8-94779
- Krause, D. *see* Hoffmann, H. 8-72287, 8-76170
- Krause, E., Sehr, B., Winkler, K. Test of a light-electric method for determination of mean specific surface areas in two-phase systems 8-89431
- Krause, H. Self beating laser spectroscopy of the steady state electrohydrodynamic convection in nitrobenzene 8-87408
- Krause, H., Demirci, A.H. Texture development as the result of frictional stress in the contact area of hypo-eutectic steels 8-53003
- Krause, H., Langkau, R., Schirm, N. A simple sampling method for measuring phase angle variations of the Hamburg isochronous cyclotron 8-74520
- Krause, H., Langkau, R., Schirm, N. Relationship between the phase and time structure of the internal beam and beam extraction in the Hamburg isochronous cyclotron 8-94155
- Krause, H. *see* Dultz, W. 8-88302
- Krause, H. *see* Gelsdorf, F. 8-75895
- Krause, H. *see* Haque, M.S. 8-75744
- Krause, H. *see* Koch, J. 8-74548
- Krause, J.T., Carnevale, A. Reliability of dynamic fatigue data for plastic coated fused silica optical waveguide fibers 8-87166
- Krause, K. *see* Albers, E. 8-59590
- Krause, L. *see* Wade, M.K. 8-70778
- Krause, M.O., Nestor, C.W., Jr. Comparison of experimental and theoretical binding and transition energies in the actinide region 8-50497
- Krause, P.F., Katon, J.E., Mason, R.W. The polarized infrared spectra and structure of crystalline bromoacetic acid 8-72502
- Krause, R.P., Christensen, E.H. Stability analysis of composite superconductors by thermal analyzer digital computer program 8-54995
- Krause, S. Macromolecular solutions as an integral part of beginning physical chemistry 8-77642
- Krause, U. *see* Duren, R. 8-62888
- Krause, W. *see* Kestenbach, H.-J. 8-52892
- Kraushaar, J.J. *see* Burch, J.D. 8-58281
- Krauspenhar, E.B., Rocha-Campos, A.C. Coaxial crescentic marks ('chattermark trails') in quartz grains from the coastal plane of Rio Grande do Sul, Brazil 8-92816
- Krauss, A.R. *see* Ming-Bian Liu 8-80672
- Krauss, G. *see* Nakazawa, K. 8-76673
- Krauss, R.J. *see* Suotni, V.E. 8-61600
- Krausser, D. *see* Hellwig, K.-E. 8-81871
- Krausz, A.S. The deformation and fracture kinetics of stress corrosion cracking 8-56791
- Krausz, A.S. Time-dependent crack propagation in linear-elastic solids 8-75099
- Krausz, A.S. *see* Faucher, B. 8-75710
- Krausz, E., McDonald, P. A top-loading matrix isolation apparatus for magneto-optical investigations 8-82057
- Krausz, E.R. *see* Schatz, P.N. 8-58646, 8-74687
- Kraut, E.A. *see* Grant, R.W. 8-95341
- Kraut, W. *see* von Baltz, R. 8-84256
- Krauschneider, M.J. The role of grain motions in star formation 8-69788
- Krautwasser, P., Long, E.L. Relationship of microstructural components in pyrocarbon coatings to irradiation performance 8-86594
- Krautberger, W. *see* Unger, V. 8-81064
- Krauya, U.E., Laizan, Ya.B., Uptis, Z.T., Tutan, M.Ya. Mechanoluminescence in the stretching of fiberglass 8-68742
- Kravchenko, A.F. *see* Agrafenin, Yu.V. 8-90523
- Kravchenko, A.F. *see* Dudarev, A.T. 8-72179
- Kravchenko, A.I. *see* Burtkovskii, I.I. 8-89475
- Kravchenko, N.A. *see* Avdeyeva, O.S. 8-68992
- Kravchenko, S.F. *see* Bubro, K.K. 8-86279
- Kravchenko, T.B. *see* Kononenko, L.I. 8-84653
- Kravchenko, V.B. *see* Gromov, A.K. 8-88286
- Kravchenko, V.B. *see* Sobolev, A.T. 8-95007
- Kravchenko, V.F., Tokarenko, A.V., Pakhomova, E.S. Calculation of the nonstationary temperature field in a composite (three-layer) cylinder 8-67014
- Kravchenko, V.F. *see* Ezhov, A.A. 8-80532
- Kravchenko, V.I., Marusii, T.Ya., Soskin, M.S., Taranenkov, V.B., Khizhnyak, A.I. A ring laser with a holographic dispersion element 8-59051
- Kravchenko, V.I. *see* Anokhov, S.P. 8-50829, 8-66851
- Kravchuk, A.E., Korchagin, V.S. Designing an experiment for study of regimes of superheated steam oxidation of steels (exchange of experience) 8-85030
- Kravchuk, E.M. *see* Kazanskii, M.F. 8-67023
- Kravchuk, S.P. *see* Vaks, V.G. 8-51603, 8-72775
- Kravers, M.A., Antipin, M.Yu., Kulishov, V.I., Struchkov, Yu.T. Attachment for growing single crystals from liquids in a 'Syntax P2,' automatic diffractometer 8-71641
- Kravtsov, A.V., Kuzmin, L.A., Nemozhenko, O.N., Nikolaev, D.L., Serebrova, T.S., Shchegelsky, V.A., Shchetskivsky, A.I. Measurements of the $\pi^+p \rightarrow \pi^0n$ forward scattering cross section in the energy region 400-600 MeV 8-93902
- Kravtsov, A.V., Lobachev, E.A., Makarov, M.M., Medvedev, V.I., Nelyubin, V.V., Obrant, G.Z., Poromov, V.I., Sarantsev, V.V., Sherman, S.G., Sirin, V.M., Sokolov, G.L., Tkach, L.N. Measurement of the $\pi^+n \rightarrow \pi^+p$ cross section near threshold 8-50046
- Kravtsov, N.A. *see* Iogensen, L.V. 8-83093
- Kravtsov, N.V., Yatsenko, Yu.P. Effect of the resonator length on laser output with passive mode locking 8-79044
- Kravtsov, N.V. *see* Kornienko, L.S. 8-50835
- Kravtsov, V.E., Mal'shukov, A.G. Structural and electronic reconstruction in adsorbed layer 8-84280
- Kravtsov, V.E., Malshukov, A.G. Structural and electron alterations in an adsorbed layer 8-87880
- Kravtsov, V.E., Mal'shukov, A.G. Effect of transition metal impurities on the superconducting critical temperature. Role of the s-d Coulomb interaction 8-88061
- Kravtsov, V.I. *see* Volodin, V.L. 8-60917
- Kravtsov, Yu.A., Mirovskaya, E.A., Popov, A.E., Troitskii, I.A., Etkin, V.S. Thermal radiation critical phenomena for periodically rough water surface 8-81188
- Kravtsov, Yu.A. *see* Etkin, V.S. 8-61425
- Kravtsova, E.A. *see* Mazalov, L.N. 8-86884
- Kravtsova, T.S. *see* Gusev, A.V. 8-83320
- Krawczonek, M.W. *see* Reece Roth, J. 8-63548
- Krawczonek, W.M., Roth, J.R., Boyd, C.E., Hong, J.Y., Powers, E.J. A data acquisition and handling system for the measurement of radial plasma transport rates 8-54937
- Krawczyk, S. Ionic channel formation in a living cell membrane 8-53372
- Kraynovich, D. *see* Voss, H.L. 8-50572
- Krebs, A.R. *see* Evitkhiev, V.N. 8-55324
- Krebs, A.R. *see* Pyn'ko, V.G. 8-60319
- Krebs, L., Bremhorst, K., Moller, U. Measurements of thermal diffusion downstream of a multi-bore jet block 8-94785
- Krech, W., Grosse, H.-H. On the theory of phase transition of granular superconductors with Josephson coupling 8-84362
- Krech, W., Grosse, H.-H. Radiation properties of Josephson-junction arrays 8-88077
- Krechet, V.G. Correspondence between gravitational wave fields of identical tensor dimensions 8-65839
- Krechet, V.G. *see* Ponomarev, V.N. 8-53815
- Krechetov, A.A. Technique for determining index of thunderstorm activity 8-61529
- Krechman, A.F., Marks, G.L., Khrapov, A.Ya. Influence of rare-earth metals and aluminium on thermal stability of isolated cementite 8-56663
- Krechmer, V.G. *see* Bochenin, V.I. 8-56834
- Kreff, G.B., EerNisse, E.P. Volume expansion and annealing compaction of ion-bombarded single-crystal and polycrystalline α -Al₂O₃ 8-67748
- Kregers, A.F. *see* Ogibalov, P.M. 8-68749
- Kreglewski, A., Chen, S.S. Applications of the augmented Van der Waals theory of fluids. II. Phase equilibria in mixtures 8-79737
- Kreglewski, M. Vibration-inversion-internal rotation-rotation Hamiltonian for methylamine 8-86840
- Krehbiel, H. *see* Brandelik, R. 8-62416
- Krehbiel, P. *see* Takeuti, T. 8-73443
- Kreibitz, U. Lattice defects in small metallic particles and their influence on size effects 8-88329
- Kreig, R.D., Krieg, D.B. Accuracies of numerical solution methods for the elastic-perfectly plastic model 8-59315
- Kreilick, R. *see* Ondercin, D. 8-60350
- Kreindel', Yu.E. *see* Kaz'min, G.S. 8-78517
- Kreiner, W.A., Oka, T., Robiette, A.G. Observation of second-order Stark effects in silane, SiH₄ [and RF-IR double resonance] 8-58739
- Kreines, N.M. *see* Borovik-Romanov, A.S. 8-72419
- Kreingol'd, F.I., Lider, K.F., Sapega, V.F. Influence of isotopic substitution on the exciton spectrum of a Cu₂O crystal 8-67955
- Kreingol'd, F.I., Tsurikov, V.I. Dipolar and quadrupolar bound excitons in Cu₂O crystals doped with cadmium 8-92099
- Kreinick, D. *see* Beier, E. 8-74290
- Kreinick, D. *see* Brandelik, R. 8-62416
- Kreinin, L.B. *see* Grigor'eva, G.M. 8-71776
- Kreis, H. *see* Assailly, J. 8-81004
- Kreische, W., Niedrig, H., Reuter, K., Roth, K., Thomas, K. Time differential observation of the perturbed linear polarization distribution of γ radiation 8-78360
- Kreischer, K. *see* Cohn, D.R. 8-58417, 8-78494
- Kreisel, C. *see* Mottaghy, K. 8-96117
- Kreiser, A. *see* Alquie, G. 8-72401
- Kreiss, W.T., Lansinger, J.M., Tank, W.G., Pitchford, M.L. Field testing of a long-path laser transmissometer designed for atmospheric visibility measurements 8-85751
- Kreissig, U. *see* Grotzschel, R. 8-63783
- Kreisz, J. *see* Lovas, A. 8-60761
- Kreitlow, W. *see* Schmidt, K.-J. 8-90806
- Kreitzberg, C.W. SESAME '77 experiments and data availability 8-65355
- Krejci, V., Holigan, M. A simple model of forward ionization waves related with acoustic phenomena 8-75282
- Krejci, V. *see* Laska, L. 8-63628
- Kreknin, A.I. *see* Mal'tsev, L.E. 8-67055
- Krekov, G.M. *see* Belov, V.V. 8-57338
- Krekov, G.M. *see* Kaul', B.V. 8-73512
- Krekova, M.M. *see* Kaul', B.V. 8-73512
- Krektunov, O.P. *see* Borishanskii, V.M. 8-75041
- Kremer, G. *see* Christen, D. 8-70832
- Kremer, K. Multi-dimensional theory of heteromolecular nucleation and condensation 8-92518
- Kremer, L.N. *see* Johnson, S.G. 8-53203
- Kremlev, A.N., Popov, V.D., Yakovlev, V.P. Excitation spectrum and optical properties of a semiconductor in the field of a standing electromagnetic wave and a homogeneous magnetic field 8-91625
- Kremlevskii, P.P. *see* Allaniyazov, Kh.A. 8-75240
- Kremmling, H. *see* Dabkiewicz, P. 8-54680
- Kremp, D. *see* Ebeling, W. 8-75273
- Kremp, D. *see* Ropke, G. 8-76004
- Kremp, W. Solution of a variational problem for a plane symmetric roller mill 8-63333
- Krempasky, J. A theory of electrical conductivity in metallic glasses 8-60102
- Krenciglowa, E.M., Ando, K., Bando, H. Center-of-mass effects on core-polarization contributions to the two-body effective interaction 8-66219
- Krendeleva, A.I. *see* Ivasishin, O.M. 8-88484
- Krenev, V.A. *see* Il'in, V.K. 8-52197
- Krenk, S. Influence of transverse shear on an axial crack in a cylindrical shell 8-67090
- Krenn, H., Schmidt, R., Gross, F. A new model for description of the hysteretic RF-SQUID 8-49868
- Krenn, H., Schmidt, R., Gross, F. The hysteretic RF SQUID as reactance and the possibility of a phase-sensitive detection on the RF SQUID 8-54410
- Krentsis, R.P. *see* Povsher, A.A. 8-68161
- Krentsis, R.P. *see* Sachkov, I.N. 8-60268
- Krenz, H.G. *see* Kramer, E.J. 8-72844
- Krenz, W., Lerche, W., Morfin, J., Pohl, M., Bertrand-Coremans, G., Dewit, M., Mulken, H., Van Der Velde-Wilquet, C., Vilain, P., Danilchenko, I., Haidt, D., Matteuzzi, C., Pittucci, D., Degrange, B., Francois, T., Van Dam, P., Blum, D., Jaffre, M., Longuemare, C., Pascaud, C., Calimani, E., Ciampolillo, S., Miar, G., Sconza, A. Experimental study of exclusive one-pion production in all neutrino-induced neutral current channels 8-54624
- Krepelka, J. *see* Dragila, R. 8-51285, 8-59634
- Kreps, L.W., Woollam, J.A. Temperature and field dependencies of galvanomagnetic effects in graphite 8-64050
- Kresak, L. The comet and asteroid population of the Earth's environment 8-73599
- Kresak, L. Passages of comets and asteroids near the Earth 8-73621
- Kresak, L'. The total number of the Apollo asteroids and their chance rediscoveries 8-89105
- Kresak, L'. The mass distribution and sources of interplanetary boulders 8-89119
- Kresak, L'. The Tunguska object: a fragment of Comet Encke? 8-89120

- Kresin, V.Z., Zaitsev, G.O.** Temperature dependence of the electron specific heat and effective mass 8-59958
- Kreskovsky, J.P., Shamroth, S.J.** An impact marching method for the two-dimensional reduced Navier-Stokes equations at arbitrary Mach number 8-63506
- Kress, J.W., Carberry, J.J., Kuczynski, G.C.** Multi-body and stability considerations of small clusters of lithium 8-90333
- Kress, R., Roach, G.F.** On mixed boundary value problems for the Helmholtz equation 8-57751
- Kress, R., Roach, G.F.** Transmission problems for the Helmholtz equation 8-62168
- Kress, R.** see Colton, D. 8-90557
- Kress, T.S.** see Ozisik, M.N. 8-50258
- Kress, W., Reichardt, W., Wagner, V., Kugel, G., Hennion, B.** Lattice dynamics of transition metal oxides 8-59899
- Kress, W.** see Lottner, V. 8-67792
- Kress, W.** see Merlin, R. 8-60457
- Kresse, H.** Aspects of physics in modern medical engineering 8-92735
- Kresse, H., Selbmann, Ch., Demus, D.** Dielectric properties of multi-component systems 8-52424
- Kressel, H., Nuese, C.J., Olsen, G.H.** Red-emitting Ga(As,P)/(In,Ga)P heterojunction lasers 8-66826
- Kressel, H.** see Burke, W.J. 8-79045
- Kressel, H.** see Butler, J.K. 8-50776
- Kressel, H.** see Ladany, I. 8-63119
- Kressel, H.Y.** see Shimshak, R.R. 8-73207
- Krest'yaninov, A.S., Mityugov, V.V.** Indirect measurement of light beam energy 8-74046
- Krest'yannikov, Yu.Ya.** see Dorman, L.I. 8-69628, 8-73588
- Kreth, H.** A two step difference method for calculation of flow-dependent expansion processes 8-57877
- Kretov, N.A.** see Pestov, I.V. 8-88525
- Kretschko, J.** see Hofer, J. 8-88738
- Kretschmann, E.** The ATR method with focused light-application to guided waves on a grating 8-74992
- Kretschmar, M.E.** see Dundon, J.M. 8-54407
- Kretschmer, W.** see Clement, H. 8-54768
- Krett, V.** Research of maximum accident of light-water power generating reactors 8-66356
- Kretzschmann, W.-B.** see Dahl, W. 8-60782
- Kretzschmar, G.** see Francis, P.W. 8-85523
- Kretzschmar, J.G., Bultynck, H.** Pepperstraete, H. Some practical experiences with a small automatic SO₂-network 8-81462
- Kretzschmar, K.M.** see Highsmith, S. 8-53320
- Kreuels, R.K.** see Breuer, L.J. 8-53681
- Kreutel, R.W., Jr., Di Fonzo, D.F., Mahle, C.E.** Satellite system measurements 8-61712
- Kreutzberger, G., Jordanov, J.** Decay of the Balmer spectrum and the two-fluid model of the H₂-arc plasma 8-67603
- Kreuzer, H.** see Okrusch, M. 8-96169
- Kreuzer, H.J.** Microscopic hydrodynamics in a nonlocal potential 8-73920
- Kreuzer, H.J.** Density evolution of a two-component system in a nonlocal potential 8-81914
- Kreuzer, J.** Forced pacing method of instruction 8-61951
- Kreuzer, L.B.** Laser optoacoustic spectroscopy for GC detection 8-92521
- Krey, M., Mohrhauer, H.** Uranium centrifuge enrichment at Almelo 8-86666
- Krey, U.** Excitations and critical phenomena of amorphous magnetic systems 8-52267
- Krey, U.** see Wagner, V. 8-80140
- Kreyling, G.** see Eyal, Y. 8-82373
- Kreymer, A.** see Alam, M.S. 8-66167
- Krezhov, K.** see Neov, S. 8-83743
- Krezhov, K.A.** see Gerasimova, I.D. 8-83656
- Kribel, R.E.** see Leung, K.N. 8-55080, 8-55739
- Kriechbaum, M.** see Danzer, R. 8-75993
- Krieg, D.B.** see Kreig, R.D. 8-59315
- Krieg, G.** see Berkahn, W. 8-82498
- Krieg, R.** Coupled problems in transient fluid and structural dynamics in nuclear engineering. I. Safety problems solved by flow singularity methods 8-86633
- Kriegel, U.** see Bartke, J. 8-66169
- Kriegel, U.** see Schmitz, P. 8-62467
- Krieger, A.S.** see Nolte, J.T. 8-61844
- Krieger, A.S.** see Pye, J.P. 8-53902
- Krieger, C.I.** see Wang, S.-T. 8-62640
- Krieger, H.** see Bartsch, H. 8-93961
- Kriegshauser, P.** see White, D.R. 8-90034
- Kriegsmann, G., Morawetz, C.S.** Numerical solutions of exterior problems with the reduced wave equations 8-89351
- Kriegsmann, G.A., Larsen, E.W.** On the parabolic approximation to the reduced wave equation 8-78908
- Krien, K.** see Forker, M. 8-52414
- Krien, K.** see Herzog, P. 8-72442
- Krienen, F.** see Bregman, M. 8-89768
- Krienen, F.** see Carron, G. 8-90006
- Krigbaum, W.R., Salaris, F.** Thermodynamics of nematic phases formed from semiflexible chain polymers 8-91427
- Krijgsman, W.** see Doornbos, J. 8-54757
- Krikorian, E.** Optical properties of sputtered films 8-72623
- Krikunov, A.I.** see Kotelyanskii, I.M. 8-95220
- Kril, S.I.** The skewness of the mean velocity field of a confined slurry flow 8-63481
- Kril', S.I.** Gravitational theory of transport of suspended solid particles in a turbulent stream 8-75188
- Krile, T.F., Marks, R.J., II, Walkup, J.F., Hagler, M.O.** Space-variant holographic optical systems using phase-coded reference beams 8-74868
- Krill, J.A., Farrell, R.A.** Comparisons between variational, perturbational, and exact solutions for scattering from a random rough-surface model 8-66724
- Krilov, S.** see Glangeaud, F. 8-61680
- Krimm, S.** see Snyder, R.G. 8-70991
- Krinberg, I.A.** see Kaladze, T.D. 8-63552
- Krinchik, G.S., Esikova, O.B.** Magneto-optic properties of praseodymium-substituted garnets 8-72489
- Krindach, D.P.** see Achilov, M.F. 8-52575
- Krings, W.** see Gossmann, E. 8-57767
- Krinitcina, T.P.** see Volkov, V.V. 8-68678
- Krinskii, V.I.** see Khramov, R.N. 8-53382
- Kripal, R.** see Misra, B.N. 8-64263
- Krippendorf, C., Steigert, K.** The VRA 20—an automation example in the field of X-ray analytical measurement 8-88677
- Kripyakevich, P.I., Evdokimenko, V.M.** A polyhedron model for the structure of β -Mn 8-79563
- Kripyakevich, P.I., Grin', Yu.N.** On systematization of series of homogeneous linear structures 8-95009
- Krisch, A.** Influence of heat treatment on the creep rupture strength of a molybdenum-vanadium steel 8-72834
- Krisch, A.D.** Nucleon-nucleon elastic scattering at large P² and spin 8-78216
- Krischel, D., Thomas, L.K., Tholence, J.L.** Spin-glass properties of W(Fe) with Fe-concentrations 0.1, 0.23 and 0.35 at % 8-68283
- Krischna Murthy, T.G., Beck, K., Rusan, W., Stuck, W.** Clinical engineering and health care 8-80991
- Krisciunas, K.** A short history of Pulkovo Observatory 8-81538
- Krishan, V.** Nonlinear analysis of two counter-streaming electron beams-plasma system 8-94918
- Krishan, V., Kumar, N.** Upper mass limit for neutron star stability against black hole formation 8-96498
- Krishan, V.** see Sodha, M.S. 8-83573
- Krishberg, R.R., Mikryukov, Ch.K.** Experimental investigation of MHD flow in induction pumps with side bars at large magnetic Reynolds numbers 8-75231
- Krishberg, R.R., Mikryukov, Ch.K.** Experimental study of instability of plane-linear induction MHD machines 8-94841
- Krishchuk, I.I.** see Egorov, V.V. 8-93117
- Krishna, B.** see Agarwal, V.K. 8-59322
- Krishna, K.V.** see Dawar, A.L. 8-72291
- Krishna, N.R.** see McClung, R.E.D. 8-80249
- Krishna, V., Prasad, J., Nigam, H.L.** X-ray studies on some copper (II) acetylacetonates 8-50556
- Krishna Murty, A.V.** see Shivakumar, K.N. 8-90752
- Krishna Pillai, M.G.** see Vallamattam, A.J. 8-90067
- Krishna Rao, D.A.V.** see Ramachandra Rao, B. 8-65552
- Krishna Rao, K.V.** see Ranga Prasad, T. 8-79767
- Krishna Rao, K.V.** see Venudhar, Y.C. 8-51473, 8-91456
- Krishna Singh, S., Sabina, F.J.** Magnetic anomaly due to a vertical right circular cylinder with arbitrary polarization 8-77180
- Krishnaji, Srivastava, S.L., Narain, N.K.** Microwave spectrum and barrier to internal rotation in N-methyl pyrazole 8-58666
- Krishnamoorthy, G., Prabhananda, B.S.** Mechanism of spin transfer to next neighbors ¹³C and ³¹P 8-86892
- Krishnamurthi, N., Sunada, D.K., Longenbaugh, R.A.** On oscillation of numerical solution of a modified Richards' equation 8-81243
- Krishnamurthy, A.R.** see Pindera, J.T. 8-56453, 8-60418
- Krishnamurthy, B.S.** see Patil, C.G. 8-51992, 8-80012, 8-91696
- Krishnamurthy, K.R., Viswanathan, B., Sastri, M.V.C.** Catalytic oxidation of carbon monoxide on spinel type ferrites—role of magnetic exchange interactions 8-56916
- Krishnamurthy, N.** see Kalyani, S. 8-75779
- Krishnamurthy, N.** see Kesavasamy, K. 8-83886
- Krishnamurthy, S.** see Rao, V.U.S. 8-80083
- Krishnamurti, D.** see Somashekar, R. 8-76419
- Krishnamurty, T.S.G., Prasad, L.S.R.K., Mohana Rao, K.R.** On quasiasymmetry (P-symmetry) groups 8-51457
- Krishnan, K., Bulkin, B.J.** Resolution enhancement in Raman spectroscopy using polarization data 8-74062
- Krishnan, K.N., Sastri, V.M.K.** Numerical solution of thermal entry length problem with variable viscosities and viscous dissipation 8-83494
- Krishnan, K.S., Ostrem, J.S., Stappaerts, E.A.** Infrared imaging using nonlinear optical upconversion 8-59091
- Krishnan, K.S., Ostrem, J.S., Stappaerts, E.A.** Infrared imaging using nonlinear optical upconversion 8-79070
- Krishnan, R., Suran, G., Sztern, J., Jouve, H., Meyer, R.** Easy axis and easy plane magnetisation in d.c. sputtered amorphous YCo₃ films 8-64237
- Krishnan, R., Suran, G., Sztern, J., Jouve, H., Meyer, R.** In-plane anisotropy induced by rare gases in RE-Co amorphous films 8-84458
- Krishnan, R.** see Mukhopadhyay, P. 8-84779
- Krishnan, R.** see Seeger, R. 8-55127
- Krishnan, R.** see Suran, G. 8-52359
- Krishnan, R.S.** Fifty years of Raman effect—some recent developments 8-73821
- Krishnan, R.V.** Logarithmic intensities and matrix corrections in X-ray fluorescence analysis 8-88669
- Krishnan, S., Sharma, M.L., Lee, S.M.** Analysis of selected fast critical experiments using recent delayed neutron yield evaluations 8-62602
- Krishnan, T.V.** A simple method of linearization of working curves in X-ray fluorescence analysis for all matrices 8-53281
- Krishnan, V.G.** Electron spin resonance studies on single crystals of Cu²⁺ doped monopyrazine zinc sulphate trihydrate 8-84478
- Krishnaswamy, S.V.** The atom probe FIM—A microanalytical tool 8-85276
- Krishnaswamy, S.V.** see Derry, G. 8-63935
- Krishnaswamy, S.V.** see Frankl, D.R. 8-72667
- Krishnaswamy, S.V.** see Tsong, T.T. 8-62263
- Krishtal, M.A.** Technological strength and non-destructive methods of testing during heat treatment 8-85090
- Krishtal, M.A.** Diffusion processes in metals 8-95179
- Krishtalik, L.I.** see Ivanov, V.F. 8-53215
- Krispin, P.** Complex capacitance spectroscopy of impurity levels in semiconductor junctions 8-91757
- Krispin, P., Maegle, J.** Capacitance-frequency dispersion and electroluminescence efficiency of GaP p-n junctions 8-64101
- Krist, G.A.** see Varljen, T.C. 8-58415
- Kristan, J.** see Kobal, I. 8-92970
- Kristensen, P.** see Bregman, M. 8-89768
- Kristensen, W.D.** A multi-channel fatigue monitor for fatigue life estimation of welded steel constructions 8-56846
- Kristensson, G., Strom, S.** Scattering from buried inhomogeneities—a general three-dimensional formalism 8-94461
- Kristiansen, U.** see Chu, E. 8-67386
- Kristiansen, U.R., Pettersen, O.K.O.** Experiments on the noise heard by human beings when exposed to atmospheric winds 8-92648
- Kristjansson, K.S.** see Hunter, T.F. 8-95943
- Kristofel', N.N.** Adiabatic approximation at finite temperatures 8-87754
- Kristofel', N.N., Gulbis, A.V.** Spontaneous birefringence in a wide-gap vibronic ferroelectric 8-68473
- Kristoferson, L.** Velocity of particles released by plasma stream erosion of surfaces; spectroscopic Doppler measurements 8-59610
- Kristoffel, N.** see Konsin, P. 8-79719
- Kristoffersen, Y.** Sea-floor spreading and the early opening of the North Atlantic 8-65247
- Kritikos, H.N.** see Foster, K.R. 8-57038
- Kritsotakis, K.** see Tobschall, H.J. 8-69390
- Kritz, A.H., Lashmore-Davies, C.N.** The effect of the energy equation on the onset of parametric instabilities 8-91100
- Kritz, A.H., Mahajan, S.M., Berger, R.L., Goldston, R.J., Motley, R.W., Hooke, W.M., Bernabei, S.** Wave heating of an ion beam in a Tokamak plasma 8-59627
- Kritzinger, S.** see Ronander, E. 8-80565
- Krivakova, A.** see Turek, K. 8-82574
- Krivaneck, O.L., Isoda, S., Kobayashi, K.** Accurate stigmating of a high voltage electron microscope 8-49941
- Krivaneck, O.L., Maher, D.M.** The core structure of extrinsic stacking faults in silicon 8-55878
- Krivaneck, O.L., Sheng, T.T., Tsui, D.C.** A high-resolution electron microscopy study of the Si-SiO₂ interface 8-56046
- Krivdick, V.G.** The loss of energy of cosmic rays in expanding areas of the Galaxy 8-93055
- Krivelevich, L.M., Romanov, Yu.A.** Certain features of the atmospheric circulation over the oceans in equatorial latitudes 8-92949
- Krivenko, A.G.** see Benderskii, V.A. 8-53216

- Krivenko, A.N. *see* Gaiduchenko, A.K. 8-60614
- Krivenko, V.G. *see* Vanchikov, V.V. 8-91987
- Krivenkov, B.E. *see* Chugui, Yu.V. 8-78924
- Kriveshko, A.A. *see* Tolubinskii, V.I. 8-75055
- Krivitskii, V.P. *see* Ziesche, P. 8-63969
- Krivitskii, V.V. *see* Pavlov, A.M. 8-50451
- Krivitskii, V.V. *see* Pavlov, A.N. 8-50450
- Krivko, N.I. Photoelectric effect in a metal-insulator-semiconductor system at low temperatures 8-72271
- Krivnov, V.Ya., Ovchinnikov, A.A. New method in theory of slightly nonideal one-dimensional Fermi gas 8-62149
- Krivodub, S.P. *see* Ginzburg, S.K. 8-52866
- Krivogla, M.A. *see* Egorov, B.V. 8-51924
- Krivohizhin, V.G. *see* Gentchev, V.I. 8-78174
- Krivoi, F.I. *see* Bakhtmutskii, V.F. 8-70158
- Krivosheev, B.N. *see* Zaikina, I.M. 8-84759
- Krivorotov, N.P., Vyatkin, A.P., Shchegol, S.S. Tunnel diodes for pressure measurements 8-57975
- Krivorotov, N.P. *see* Alekseeva, Z.M. 8-75986
- Krivoruchko, V.N., Yablonskii, D.A. On the theory of the high frequency response and thermodynamic properties of iron garnets 8-72338
- Krivoshapkin, P.A., Kuzmin, A.I., Mamrukova, V.P. Cosmic-ray flows in the vicinity of the solar equator 8-69622
- Krivoshapkin, P.A. *see* Gavril'yev, A.I. 8-69626
- Krivosheev, B.N. *see* Kukharskii, M.P. 8-79188
- Krivoshei, F.A. Simulation of thermophysical processes at muscle contraction 8-96063
- Krivoshein, B.L., Agapkin, V.M. Unsteady heat losses of underground pipelines 8-83223
- Krivoshein, V.A. *see* Varin, A.N. 8-57059
- Krivov, M.A. *see* Azikov, B.S. 8-84287
- Krivtsov, V.M. Characteristics of solution of the system of equations for calculation (using the moments method) of radiative transfer 8-59284
- Krivtsov, M.G. *see* Kit, G.S. 8-90709
- Kriz, R. *see* Pei-Jan Paul Lin 8-69202
- Krizan, J.E., Williams, A.R. Non-equilibrium cooperative model for a biomembrane under hydrodynamic shear 8-61146
- Krizek, H., Taylor, K.N.R., Corner, W.D. Resistivity of some light-heavy rare-earth alloys. II. Magnetic contributions to ρ_{res} , ρ_{ph} , and T_n 8-51971
- Krjanin, L.R., Vasilchenko, G.S., Koshelev, P.F., Sinadsky, S.E. Strength of welded thick walled non-heat treated structural elements 8-68820
- Krjukov, N.A., Penkin, N.P., Redko, T.P. Diffusion of metastable mercury atoms in rare gases 8-63618
- Krmpotic, F. *see* Foster, J.L., Jr. 8-66282
- Krochek, P. Quasi-linear theory of the dissipative instability of a relativistic electron beam 8-59564
- Krochek, P. Basis for a quasilinear equation for a bounded beam 8-78891
- Krochmann, J. Remark on the maximum spectral luminous efficacy 8-54333
- Krochmann, J., Ozver, Z., Rattunde, R. Determining most similar temperature for the new CIE-UCS system 8-54433
- Kroeger, M. *see* McGrath, T. 8-77649
- Kroemer, H. The Einstein relation for degenerate carrier concentrations 8-72143
- Kroger, D.G. *see* van Rooyen, R.S. 8-94725
- Kroger, F.A. *see* Mohapatra, S.K. 8-63757
- Kroger, F.A. *see* Panicker, M.P.R. 8-64484
- Kroger, F.A. *see* Selim, F.A. 8-79081
- Kroger, P.M., Riley, S.J., Kwei, G.H. Polyhalide photofragment spectra. II. Ultraviolet photodissociation dynamics of UF_6 8-73062
- Kroger, W., Altes, J., Bongartz, R., David, P.H., Escherich, K.H., Kasper, K., Koschmieder, D., Rothig, K.D., Schwarzer, K., Wolters, J. Evaluation of the 'cut-and-cover' construction of nuclear power plant below ground level 8-82429
- Kroggel, R. *see* Loffler, H. 8-95811
- Krogulski, T. *see* Ganzorig, Dz. 8-89827
- Kroh, J., Plonka, A., Szajdzinska, E. ESR studies on fundamental processes in radiation chemistry at low temperatures. III. Differential thermal analysis at cryogenic temperatures of aqueous solution glasses stabilizing excess electrons 8-76889
- Krohn, B.J. *see* Jones, L.H. 8-70835
- Krohn, B.J. *see* McDowell, R.S. 8-90162
- Krohn, K.A. *see* Parks, N.J. 8-82551
- Krok, F., Bogusz, W., Jarosz, B., Jakubowski, W. Electrode polarisation in CdF_2 crystals 8-76377
- Krokhin, O.N., Shikanov, A.S., Sklizkov, G.V., Zakharenkov, Yu.A. Fast ions in laser plasma 8-75391
- Krokhin, O.N. *see* Basov, N.G. 8-79451
- Krokhin, O.N. *see* Pansyrev, Yu.M. 8-69178
- Krokhin, O.N. *see* Veretennikov, V.A. 8-74527
- Krokhmal', A.P. *see* Gorban', I.S. 8-88338
- Krokhmal'nikov, Ye.B. *see* Kozlov, S.I. 8-69569, 8-73566
- Krol, A., Kozielski, M., Nazarewicz, W. Localized vibrational modes of Al-Cu complexes in zinc sulphide 8-63827
- Krol', A.V., Levichev, N.V., Natadze, A.L., Ryskin, A.I. Impurity-induced first-order transitions in Raman scattering spectra of ZnS crystals 8-88310
- Krollicki, F. *see* Pawlikowski, J.M. 8-91721
- Krollik, J.H., McKee, C.F. Hydrogen emission-line spectra in quasars and active galactic nuclei 8-96557
- Krollikowski, J., Pokorski, S. Forward-backward longitudinal asymmetry in meson-nucleon collisions and fragmentation effects 8-86457
- Krollikowski, W. Comment on the behaviour $(1-x_c)^4$ of the nucleon structure functions 8-74227
- Krollikowski, W., Rzewuski, J. Relativistic barriers for two spin-1/2 particles 8-62339
- Kroll, J. Uniform flow past an axially uniform viscous vortex [tornado model] 8-59405
- Kroll, P., Leader, E., Von Schlippe, W. On the spin dependence of the nucleon-nucleon interaction 8-66139
- Kroll, P., Leader, E., von Schlippe, W. Structure of the $I=1$ nucleon-nucleon amplitudes at 6 GeV/c 8-70395
- Kroll, P. *see* Grein, W. 8-62340
- Krolla, G. *see* Deutschbein, O. 8-79021
- Krolzig, A. *see* Darden, C.W. 8-62415, 8-93895
- Kromer, B. *see* Hahne, A. 8-73405
- Kromer, B. *see* Roether, W. 8-73534
- Kromer, G. *see* Williams, J. (editor) 8-81352
- Krompholz, K., Weiss, A. On the martensitic transformation in the intermetallic system $\beta'-(\text{Au,Pd})_{0.5}\text{Zn}_{0.5}$ 8-72774
- Krompiewski, S. Effect of next nearest neighbours interactions on two-magnon states of the Heisenberg three-dimensional ferromagnet 8-64178
- Kronberg, P.P., Clarke, J.N. What is the compact radio source in the nucleus of M82? 8-93442
- Kronberg, P.P. *see* Wielebinski, R. 8-73764
- Kroneck, P. *see* Lutz, O. 8-94260, 8-94262
- Kronenbitter, J. *see* Gauss, W. 8-84487
- Kroner, E. Effective moduli of random elastic media—unified calculation of bounds and self-consistent values 8-91372
- Krongauz, A.N. *see* Vladimirov, L.V. 8-95893
- Krongauz, E.S. *see* Kochergin, Yu.S. 8-72809
- Krongelb, S. *see* Hempstead, R.D. 8-91907
- Kronhaus, K.D., Spear, J.F., Moore, E.N., Kline, R.P. Sinus node extracellular potassium transients following vagal stimulation 8-92608
- Kronmuller, H. Micromagnetism in hard magnetic materials 8-52301
- Kronmuller, H., Hohler, B., Schreyer, H., Vetter, K. Investigation of hydrogen impurity complexes in transition metals 8-72373
- Kronmuller, H. *see* Fahnle, M. 8-52133, 8-60277
- Kronmuller, H. *see* Herz, R. 8-72349
- Kroon, N. *see* Chisty, I.L. 8-60480, 8-72537
- Krook, M. *see* Flannery, B.P. 8-93349
- Kroon, D.J. Analysis of ambient air 8-61590
- Kroon, J. *see* Heijerman, J.J.L. 8-55778
- Kroon, J.C. *see* French, P.M. 8-58391
- Kroon, P.A., Vos, A. Convergence of Brillouin zone summations 8-91384
- Kroop, V., Kammler, Ch., Behmenburg, W. Polarization change of light scattering near a $^2P_{3/2} \leftrightarrow ^2S_{1/2}$ resonance 8-55144
- Krop, K. *see* Korecki, J. 8-95482
- Kropachev, E.P., Gorshkov, S.N., Serebryanaya, P.M. Model of the kinetic dynamo of three spherical eddies. I 8-69286
- Kropin, B. *see* Eggers, H. 8-59311
- Kropotov, V.S., Usmanov, R.Sh. Pseudo-Stark splitting of ESR lines of trigonal Cr^{3+} centers in KMgF_3 8-68367
- Kropotov, V.S., Usmanov, R.Sh. Effect of an external electric field on the ESR spectrum of tetragonal CR^{3+} centres in KMgF_3 8-68368
- Krori, K.D., Borgohain, P. On massive neutron cores 8-57570
- Krori, K.D., Chaudhury, S. Photon emission from cylindrical bodies 8-75840
- Kroshkina, N.A. *see* Baranov, M.N. 8-51949
- Krosta, A. *see* Legrand, J. 8-55256
- Kroth, R. *see* Mertin, D. 8-70483
- Kroth, R. *see* Tischer, R. 8-93969
- Krotikov, V.A., Kharitonov, N.P., Rukhlenko, V.P. Some features of the crystallization of cordierite glass in the presence of the thermal decomposition of organometallic compounds 8-87627
- Krotki, E. *see* Mikolajewicz, A. 8-52751
- Krotkus, A. *see* Dobrovolskii, Z. 8-52026
- Kroto, H. Chemistry between the stars 8-93384
- Kroto, H.W. *see* Alexander, A.J. 8-58676
- Kroto, H.W. *see* Broten, N.W. 8-93370
- Kroto, H.W. *see* Hutchinson, M. 8-74645
- Kroto, H.W. *see* Kirby, C. 8-70819
- Kroscheck, E., Kundt, W. Causality criteria 8-73861
- Kroupa, F. Fracture mechanics 8-79257
- Kroupa, F. A possible high-frequency mechanical relaxation peak in BCC metals 8-91379
- Kroupa, J. *see* Petzelt, J. 8-92057
- Krouse, H.R. *see* Van Everdingen, R.O. 8-61413
- Kroutil, J.C. *see* Sajben, M. 8-71361
- Krovotyntsev, V.A., Sal'nikov, B.S. Method of the calculation of EMF for signal of precession of sensors of marine proton magnetometers 8-65428
- Krowech, R.J. *see* Sparrow, E.M. 8-90629
- Krozer, S., Tawadjoh, M., Gruber, E. Description of the rheological behaviour of concentrated polystyrene solutions 8-55618
- Krstic, P.S., Georgijevic, V.J., Todorovic, M.S. The influence of the electrode erosion on the continuous radiation of free burning arc 8-71578
- Krtil, J. *see* Bulovic, V. 8-50265, 8-54848
- Kruchinin, N.A., Polyakov, A.I., Rezinkin, V.F., Svirgun, S.P. Differential-compensation method for substance absorption analysis 8-80819
- Kruchinin, Yu.D., Belousov, Yu.L., Kuleshov, E.A. Phase separation and glass-ceramic formation in slag glasses containing titanium 8-51424
- Kruchinina, S.F. *see* Korobova, T.A. 8-60603
- Kruczyk, J., Kadzialko-hofmokl, M., Jelenska, M., Birkenmajer, K., Arakelyants, M.M. Tertiary polarity events in Lower Silesian basalts and their K-Ar age 8-53614
- Krueger, D.A. *see* Bogardus, H. 8-72370
- Krueger, F.R., Wien, K. High energy sputtering from cleaned metal foils 8-68596
- Krueger, P.J. *see* Kydd, R.A. 8-82726
- Krueger, V.L. *see* Boggess, A. 8-96382
- Kruer, M., Esterowitz, L., Bartoli, F., Allen, R. Calculated laser damage thresholds of Ge:Hg photoconductive detectors 8-90443
- Kruer, W.L. *see* Barnes, C. 8-51312
- Kruer, W.L. *see* Shay, H.D. 8-91132
- Kruer, W.L. *see* Thomson, J.J. 8-59638
- Krug, G.A. *see* Gurvich, A.K. 8-53117
- Krugel, E. *see* Tutukov, A. 8-81684
- Kruger, A.W. *see* Boody, F.P. 8-58997
- Kruger, B., Tonndorf, J. Tympanic membrane perforations in cats: configurations of losses with and without ear canal extensions 8-53419
- Kruger, F.J., Lauck, H., Voss, E. Electrolytes for high-energy primary cells 8-80751
- Kruger, G.J., Spiesche, H. Diffusion of phase and impurity molecules in a smectic system 8-94975
- Kruger, G.J. *see* Pistorius, C.W.F.T. 8-59792
- Kruger, H., Jung, Ch. Low-frequency approach to multiphoton free-free transitions induced by realistic laser pulses 8-62917
- Kruger, H. *see* Gauss, W. 8-84487
- Kruger, H. *see* Jung, Ch. 8-70935
- Kruger, J.K., Sailer, E., Spiegel, R., Unruh, H.-G. Investigation of the elastic behaviour of polymer films and bulk material by multipass Brillouin spectroscopy on thermal and microwave-induced phonons 8-76485
- Kruger, P., Stoker, A., Umana, A. Radon in geothermal reservoir engineering 8-69381
- Kruger, P. *see* Amenda, W. 8-54923
- Kruger, P. *see* Broser, E. 8-50352
- Kruger, P.B. Brightness changes during book retinoscopy 8-61183
- Kruger, R.P. *see* Breedlove, J.R., Jr. 8-78054
- Kruger, R.P. *see* Stupin, D.M. 8-50310
- Kruger, R.P. *see* Whitman, R.L. 8-50311
- Krugermeier, L., Grunewald, M., Dunkel, M. The influence of sea waves on the wind profile 8-92895
- Krugers Dagneaux, P.G.L.C. *see* Van Der Scheer, A. 8-85359
- Krugerskii, A.M. *see* Zimin, E.P. 8-71033
- Kruglak, H. Astrology as a topic in astronomy courses 8-61991
- Kruglak, H., Oppliger, L., Pittet, R., Steele, S. A short Foucault pendulum for a hallway exhibit 8-54138
- Kruglik, A.I., Simonov, M.A. The crystal structure of $(\text{NH}_4)_2\text{SeO}_4 \cdot 2\text{NH}_4\text{HSeO}_4$ 8-71715
- Kruglik, G.S. *see* Fedchenya, I.I. 8-71125
- Kruglik, G.S. *see* Kutsak, A.A. 8-90434
- Kruglikov, A.V. *see* Krainov, V.P. 8-55154
- Kruglov, S.I., Strazhev, V.I. Internal symmetries and conservation laws in the classical theory of general vector fields 8-62328
- Kruglov, S.P. *see* Gordeev, V.A. 8-52416
- Kruglov, S.V. *see* Bondarenko, A.A. 8-53159
- Kruglov, V.P. *see* Ovchinnikov, F.A. 8-72984
- Kruglov, V.V. *see* Alekseev, G.D. 8-70701
- Kruglyakov, E.P. *see* Brejzman, B.N. 8-75371
- Kruglyakov, E.P. *see* Burmasov, V.S. 8-75372
- Kruijer, A.H. *see* Louwrier, P.W.F. 8-64862
- Krukovskaya, L.P., Berman, L.S., Vul', A.Ya., Shik, A.Ya. Surface-barrier structure on gallium antimonide 8-56229
- Krulkovskii, B.K. *see* Bugai, A.A. 8-72402
- Krulkovskii, B.K. *see* Bykov, I.P. 8-88179

- Krull, I.S.**, Wolf, M.H., Ashworth, R.B. Slurry packing HPLC columns 8-92555
- Krumbein, A.** see Salzmann, D. 8-71458
- Krumbein, A.D.** see Eliezer, S. 8-79450
- Krumenaker, L.E.** Remarks on the nomenclature of Mercury 8-53849
- Krumhansl, J.A.** see Domany, E. 8-67080
- Krumhansl, J.A.** see Horowitz, B. 8-56087
- Krumin, A.E.**, Klotin'sh, E.E., Dymza, V.I., Il'in, U.Yu., Fritsberg, V.Ya. Joint study of the photoinduced change in the birefringence and the photoconductivity in the modified ferroelectric ceramic lead zirconate titanate 8-92046
- Krumin, A.E.** see Sprogis, A.A. 8-76508
- Krumin, Yu.K.** see Gelfgat, Yu.M. 8-94843
- Krumina, R.K.** see Vasil'chikov, K.H.P. 8-52694
- Krummacher, S.** see Adam, M.Y. 8-78671
- Krumme, J.-P.** see Heitman, H. 8-52324
- Krump, J.** see Bartakova, B. 8-67450
- Krupa, E.** see Alikov, B.A. 8-82562
- Krupa, J.C.**, Genet, M., Hussonnois, M., Guillaumont, R. Performances of ThBr_3 single crystal in nuclear and accelerated particle detection 8-58540
- Krupa, N.N.** see Borshch, A.A. 8-50844, 8-79066
- Krupa, R.**, Wrzesinska, A. Photoconductive properties of thin electrolytically deposited CdS layers 8-60154
- Krupay, B.W.**, Ross, R.A. The reaction of carbon monoxide with nitrous oxide over nickel (II) oxide in the Neel transition temperature region 8-53258
- Krupenio, N.N.** A schematic diagram of the dielectric permittivity and soil density of Mars 8-69722
- Krupennikova, N.B.** see Dzhibuti, R.I. 8-78365
- Krupin, A.V.**, Maksimov, L.Yu., Sheftel', N.I., Bratenko, V.N., Maksimova, N.A., Kondratov, I.Ya., Smirnova, E.N. The effect of cold isostatic compaction on the thermophysical properties of powder materials 8-52717
- Krupka, K.M.**, Ohmoto, H., Wickman, F.E. A new technique in neutron activation analysis of Na/K ratios of fluid inclusions and its application to the gold-quartz veins at the O'Brien mine, Quebec, Canada 8-61568
- Krupka, M.C.** see Stewart, G.R. 8-91813
- Krupke, W.F.**, George, E.V. Advanced lasers for fusion applications 8-79027
- Krupke, W.F.** see Jacobs, R.R. 8-63073, 8-66813, 8-90417
- Krupkowski, A.**, Litwora, A., Jasienski, Z., Styczynski, A. Variation of the yield stress of copper extended within the range of the strain rate 10^{-5} s $^{-1}$ to 10^1 s $^{-1}$ 8-56652
- Krupkowski, T.** see Konarski, P. 8-94990
- Krupnik, L.I.** see Dil'man, V.V. 8-67179
- Krupnik, L.I.** see Gel'perin, N.I. 8-59461
- Krupnova, L.V.**, Silin, V.P. Generation of harmonics in a moving plasma 8-87449
- Krupnyi, A.I.** see Zinenko, V.I. 8-67826
- Krupp, W.E.** see Ryder, J.T. 8-53028
- Krupski, M.** see Rewaj, T. 8-76304
- Krus, D.J.** see Nestor, O.H. 8-59067
- Krusche, A.** see Bloess, D. 8-82552
- Krusche, H.S.** see Callis, R.W. 8-74490
- Krusche, R.** see Rohler, R. 8-55319
- Kruse, A.** Temperature field calculations on piezoresistive resistance structures 8-77888
- Kruse, H.** see Schultz, L. 8-65574
- Kruse, K.M.M.**, Res, M.A. Band-pass filter glasses in the region 550 nm to 616 nm. II. Calculation of the transmission characteristics in composite Cu^{2+} - Ni^{2+} -tellurite glasses from the characteristics of the single components 8-71166
- Kruse, K.M.M.** see Res, M.A. 8-66919
- Kruse, R.L.** Influence of spin rate on side force of an axisymmetric body 8-71349
- Kruse, T.H.** see Baker, F.T. 8-70550
- Kruse, T.H.** see Bashkin, S. 8-78655
- Kruse, U.E.** see Roberts, T.J. 8-82392
- Krusina, J.**, Myslivec, T. Interfacial tension in the phase boundary molten steel-molten slag of the $\text{CaO-SiO}_2\text{-Al}_2\text{O}_3\text{-CaF}_2$ system 8-63908
- Krusina, J.** see Pham gia Khien 8-63907
- Krusius, M.**, Paulson, D.N., Wheatley, J.C. Superconducting switch for large heat flow below 40 mK 8-54376
- Krustev, V.** see Atanasov, Z. 8-83649
- Kruszewski, B.**, Licki, J. The measurement of spatial plasma temperature distribution using IFP method 8-67332
- Kruszewski, A.** Optical polarimetry of the Seyfert galaxy NGC 4151 8-61916
- Kruszewski, A.** see Semeniuk, I. 8-61862
- Krutikhovskaya, Z.A.**, Pashkevich, I.K. Magnetic model for the Earth's crust under the Ukrainian Shield 8-61313
- Krutov, V.V.** see Aglizki, E.V. 8-53912
- Krutova, V.G.**, Oraevskii, A.N., Stepanov, A.A., Shcheglov, V.A. Amplifier operation of a cw chemical HF diffusion laser 8-79015
- Krutova, V.G.** see Virnik, Ya.Z. 8-59001, 8-71120
- Krutovskii, E.P.**, Chernyshova, T.V., Belashchenko, D.K. Electron transfer of rare-earth metal impurities in liquid tin 8-95278
- Krtsan, A.M.**, Chaplaya, O.N., Vasilenko, I.I. Corrosion cracking of quenched steels in sodium chloride solution 8-56801
- Krut'yanskii, M.M.** see Aver'yanov, V.V. 8-75433, 8-94945
- Kruus, R.A.** see Veski, A.Yu. 8-83381
- Kruuv, J.** see Raaphorst, G.P. 8-69146
- Kruzliak, J.** see Sitek, J. 8-64305
- Kryachek, V.M.** see Fedorchenko, I.M. 8-64507
- Kryachko, V.V.** see Shul'gin, V.A. 8-76138
- Kryazhev, F.I.**, Kudryashov, V.M. Spatial and temporal correlation functions of the sound field in a waveguide with rough boundaries 8-90560
- Kryder, M.H.** see Argyle, B.E. 8-95495
- Krylov, B.E.** see Kozlov, M.G. 8-82675
- Krylov, B.V.** see Valyavko, V.V. 8-74076
- Krylov, E.T.** see Gurevich, L.E. 8-60245
- Krylov, I.P.** see Gudenko, S.V. 8-91717
- Krylov, K.I.**, Funtov, N.M., Barbashev, A.I., Romanov, V.G. Microwave flaw detection in ferrites 8-53122
- Krylov, N.G.** see Druzhinin, A.A. 8-82351
- Krylov, S.Yu.** see Borman, V.D. 8-75246
- Krylov, V.A.**, Medvedev, V.N., Fridland, K.Yu. Effect of an external electric field on absorption bands of M centers in LiF and NaF crystals. II. Analysis of Stark effect 8-84614
- Krylov, V.I.** see Delyagin, N.N. 8-80265, 8-92008
- Krylov, V.M.** see Filipchuk, E.V. 8-74416
- Krylov, V.M.** see Gramolina, N.O. 8-80820
- Krylov, V.N.** see Andreev, R.B. 8-66868
- Krylov, V.S.**, Engel'gardt, G.R., Petrov, Yu.N. Electrochemical solution of channel wall in laminar flow of electrolyte solution 8-64848
- Krylov, Yu.L.** A composite material based on yttrium oxide 8-60629
- Krylov, Yu.I.**, Sergeeva, T.S. Thermal stability of composite materials based on some boride-oxide systems 8-60638
- Krylov, Yu.N.** see Bursak, A.V. 8-78270
- Krylova, I.V.** see Zakharova, M.V. 8-75708
- Krymkin, V.V.** Observations of the Rosette Nebula NGC 2237 at decametric wavelengths 8-57615
- Krymko, M.M.** see Kortov, V.S. 8-95383
- Krymov, V.N.** see Galkin, A.A. 8-86311
- Krymskii, A.M.**, Mikhailovskii, A.B. Stability of an internal helical mode in a Tokamak with a high pressure plasma 8-91138
- Krymskiy, G.F.** see Danilova, V.S. 8-71440
- Krymsky, A.M.**, Marochnik, L.S., Naselsky, P.D., Pelikhov, N.V. Turbulence in cosmology. III. The effect of non-linear interactions on the universe expansion law. Quantum turbulence near singularity 8-77629
- Krynetskii, B.B.** see Karlov, N.V. 8-58637
- Krynin, L.I.** Probability analysis of the centering accuracy in commercially manufactured objectives 8-90491
- Krynko, Yu.N.** see Koval, I.P. 8-92154
- Kryn'ko, Yu.N.** see Kanchenko, V.A. 8-92152
- Kryn'ko, Yu.N.** see Koval, I.F. 8-60042
- Kryshev, A.O.** see Zubov, V.G. 8-74004
- Krys'kiv, A.S.** see Babei, Yu.I. 8-56734
- Krysmanski, K.H.**, Pfau, S., Rutscher, A. The electron-atom-bremsstrahlung standard radiometric source: New measurements and improvements 8-67484
- Krystich, M.** see Smith, M.R. 8-71176, 8-83047
- Kryszewski, M.** see Pakula, T. 8-75569
- Kryszewski, M.** see Wrobel, A.M. 8-95831
- Kryter, R.C.** see Robinson, J.C. 8-74450, 8-74451
- Kryuchkov, S.M.** see Kandyba, P.E. 8-76157
- Kryuchkov, V.F.** see Zashkvara, V.V. 8-50688
- Kryuchkov, Yu.N.**, Leporskii, A.N. Measuring the dielectric permeability of dielectrics with one-sided access to a part 8-89500
- Kryuger, M.** see Apel', V.D. 8-78223
- Kryukov, A.P.** see Filipchuk, E.V. 8-86643
- Kryukov, A.V.** see Kalyuzhnyi, V.N. 8-84993
- Kryukov, V.V.**, Cherkasov, Yu.A. Investigation of a latent image in a simultaneous photothermoplastic process 8-49935
- Kryukova, O.N.** see Gogotsi, G.A. 8-84997
- Kryzhanovskii, V.N.** see Kulyaba, I.N. 8-89477
- Krzeminski, S.** Parameters of a heterogeneous solid conductor in transient state 8-71000
- Krzeminski, W.**, Friedhorsky, W.C. A search for optical pulsations from GX 1+4 at Ha 8-86037
- Krzhanovskaya, N.P.** see Veitsman, A.I. 8-49933
- Krzywinski, J.**, Lachowicz, H., Fink-Finowicki, J., Wolosiak, Z., Lisowski, B. Domain wall mobility in orthoferrite platelets with non-perpendicular magnetocrystalline anisotropy 8-91884
- Krzyzanowski, W.** Simple explanation of anomalous absorption of 3π in the O-S state in nuclear matter 8-50049
- Ksanfomaliti, L.V.** The clouds of Venus: calculated properties of the sulfuric acid aerosol medium in the infrared thermal range 8-65526
- Ksendzyk, G.V.** see Ivasishin, O.M. 8-88484
- Ksenofontova, N.M.** see Solov'yov, K.N. 8-62812
- Ksenzenko, M.Yu.** see Tikhonov, A.N. 8-69016
- Ksenzhek, O.S.**, Koganov, M.M., Gevod, V.S. Investigation of the interaction of cytochrome c with bilayer membranes 8-69001
- Kshevetskii, S.A.** see Mikhailuk, I.P. 8-79494
- Ksouri, M.** see Blanc, G. 8-67916
- Ksouri, M.** see Gabrielli, C. 8-51845
- Ksitrov, S.A.**, Siparov, S.V. Condensons in filaments 8-91637
- Ktorides, C.N.** Lie-admissible quantization in a self-interacting scalar field theory 8-74169
- Ktorides, C.N.** On a possible incompatibility of Lie-admissible local powers of a quantum field with the Wightman axioms and the spin-statistics theorem 8-93793
- Ku, R.** see Johnson, W.C. 8-71908
- Ku, R.T.** see Hinkley, E.D. 8-69522
- Ku Teh-Lung** see Teh-Lung Ku
- Kuan Tie-lian** see Ho Yu-chuan 8-95580
- Kuang Chan** see Chan Kuang
- Kuang Liang Nai** see Nai Kuang Liang
- Kuang-Ming Wu** see Lee, P.C.Y. 8-59189
- Kuang-Pang Li** Theory of atom vapor transport from a moving point source in flame spectrometry 8-61084
- Kuang-Ta Chi** see Chi Kuang-Ta
- Kuapil, J.** see Autrata, R. 8-86394, 8-86394
- Kubacki, C.** see Sidis, V. 8-78804
- Kubacki, Z.** see Wrobel, A.M. 8-95831
- Kubala, S.** see Brudkowska, B. 8-84014
- Kubantsev, M.A.** see Asratyan, A.E. 8-62388, 8-62389
- Kubarovskii, V.P.** see Golovkin, S.V. 8-78218, 8-89919
- Kubaschewski, O.** see Spencer, P.J. 8-79780
- Kubat, J.**, Selden, R., Rigdahl, M. Influence of strain rate on the stress relaxation behaviour of polyethylene and cadmium 8-72807
- Kubeckova, J.** see Prouza, Z. 8-62664
- Kubes, P.**, Hruska, J., Bacilek, J. Decay of plasma cluster accelerated by coaxial gun 8-63603
- Kubiak, G.**, Fitch, P.S.H., Wharton, L., Levy, D.H. The fluorescence excitation spectrum of the ArL_2 van der Waals complex 8-66584
- Kubiak, J.** see Pietrzak, J. 8-60561
- Kubiak, R.** Single crystals of melt-grown α -phase have been grown and their morphology obtained by X-ray diffraction 8-64464
- Kubicek, Z.** Light propagation within an optical filament 8-74997
- Kubicki, M.M.**, Glowiak, T. The crystal and molecular structure of tetrakis (selenourea) platinum (II) chloride 8-59794
- Kubiczek, E.B.** see Harrison, G.H. 8-86710
- Kubie, J.**, Gardner, G.C. Two-phase gas-liquid flow through Y-junctions 8-51218
- Kubik, P.R.**, Hardy, W.N. NMR study of the orientational behavior of hydrogen adsorbed on graphite 8-75935
- Kubis, J.J.** see Cover, R.A. 8-83607
- Kublieck, K.**, Straub, J., Bloss, S., Grigull, U. Experimental and numerical study of laminar, axisymmetrical jets with and without buoyancy 8-83450
- Kubler, E.A.** see Chen, J.L.S. 8-67229
- Kubler, O.** Optical and digital spatial frequency filtering of electron micrographs. II. Experimental results 8-82079
- Kubler, O.**, Hahn, M., Seredynski, J. Optical and digital spatial frequency filtering of electron micrographs. I. Theoretical considerations 8-70231
- Kubli, F.** see Grothe, W. 8-88750
- Kubli, F.** see Muliawan, D. 8-85416
- Kubo, H.**, Nagata, R. A note on the two basic optical theories in three-dimensional photoelasticity 8-63302
- Kubo, H.** see Moritani, A. 8-76776
- Kubo, H.** see Nakamura, S. 8-55765
- Kubo, K.**, Amakawa, H. Energy dependence of two-step (p,t) cross sections 8-70528
- Kubo, K.** see Bosse, J. 8-67314
- Kubo, S.** see Ito, U. 8-84755
- Kubo, T.** see Ajiro, Y. 8-91971
- Kubo, T.** see Hamashima, M. 8-91970
- Kubo, U.** see Kawamura, T. 8-62251
- Kubodera, K.**, Delorme, J., Rho, M. Second class currents and nuclei 8-54694
- Kubodera, K.** see Tomoda, T. 8-62503
- Kubono, T.** A theory for the cathode mechanism in low-current vacuum arcs, with application to the calculation of erosion rate 8-75448
- Kubota, K.**, Kondo, M., Sugama, S., Takahashi, S. Hologram memory using one-dimensional Fourier transform image hologram 8-87032
- Kubota, K.**, Minakata, M., Saito, S., Uehara, S. Temperature stabilized optical waveguide modulator 8-50926

- Kubota, K.** *see* Kondo, M. 8-79119
- Kubota, M.,** Nakamura, H., Amano, H. Cation-exchange separation of cesium-137, strontium-90 and rare earths in nuclear fuel reprocessing waste 8-78486
- Kubota, M.** *see* Kawabe, M. 8-76779
- Kubota, M.** *see* Nakada, I. 8-67670
- Kubota, S.,** Hishida, M., Nohara, A. Variation of scintillation decay in liquid argon excited by electrons and alpha particles 8-55099
- Kubota, S.,** Hishida, M., Raun, J. Evidence for a triplet state of the self-trapped exciton states in liquid argon, krypton and xenon 8-72608
- Kubota, S.,** Nakamoto, A., Takahashi, T., Hamada, T., Shibamura, E., Miyajima, M., Masuda, K., Doke, T. Recombination luminescence in liquid argon and in liquid xenon 8-60521
- Kubota, T.** *see* Sugawara, M. 8-74515
- Kubota, T.** *see* Suzuki, E. 8-73638
- Kubota, Y.** *see* Adati, K. 8-55007
- Kubota, Y.** *see* Hiroe, S. 8-59656
- Kubota Jun-ichi** *see* Jun-ichi Kubota
- Kubu, M.** *see* Usacev, S. 8-92993
- Kuc, A.P.,** Shewchuk, J. The effect of interference on the dimpled, loaded-hole fatigue strength of 2024-T3 Alclad aluminum alloy 8-72948
- Kucal, H.** *see* Barrat-Rambosson, M. 8-78791
- Kucera, J.,** Kucera, J. Evaluation of Mossbauer line diffusion broadening by exponential fit 8-52379
- Kucera, J.,** Stransky, K., Rek, A., Lorenc, M. Measurements of mass absorption coefficients for the K_α carbon line in carbide forming elements 8-64905
- Kucera, J.** *see* Filipensky, J. 8-87813
- Kucera, J.** *see* Knesl, Z. 8-84009
- Kucera, J.** *see* Kucera, J. 8-52379
- Kucera, J.** *see* Obrusnik, I. 8-50433
- Kucеровsky, Z.** *see* Brannen, E. 8-61595
- Kucha, V.V.** *see* Sobolev, A.T. 8-95007
- Kucharski, M.** *see* Moser, Z. 8-76897
- Kucherenko, A.A.** *see* Filipchuk, E.V. 8-74416
- Kucherenko, E.S.** Kinetics of dendrite growth in supercooled tin-base binary alloys 8-80533
- Kucherenko, G.N.** *see* Gutorov, O.I. 8-91039
- Kucherenko, I.V.** *see* Volkov, B.A. 8-51675
- Kucherenko, I.V.** *see* Vyatkin, K.V. 8-51878
- Kucherenko, V.P.** On radial self-excited vibratory regimes of motion of a homogeneous mixture exothermically reacting in Soundhaus' tube 8-68892
- Kucherenko, Yu.N.** *see* Nemoshkalenko, V.V. 8-64445
- Kucherov, G.V.,** Tsyganenko, V.V. Problems in the design and optimization of electron-optical systems with specified image parameters 8-86385
- Kucherov, I.Ya.** *see* Burlii, P.V. 8-52039, 8-55483
- Kucherov, R.Ya.** *see* Gun'ko, V.M. 8-79442
- Kucheryavenko, E.P.** *see* Garapov, E.F. 8-82410
- Kucheryavenko, E.P.** *see* Yarisyna, I.A. 8-74524
- Kucheva, R.G.** *see* Kesler, N.A. 8-72990
- Kuchiev, M.Yu.,** Amusia, M.Ya. Dispersion relation for elastic electron-hydrogen atom forward scattering amplitude 8-58823
- Kuchigin, D.A.** *see* Dranov, L.N. 8-91945
- Kuchikian, L.M.** *see* Volyar, A.A. 8-83081
- Kuchikyan, L.M.,** Sidak, P.I. Spatial coherence of light transmitted through light guides 8-71133
- Kuchikyan, L.M.** *see* Volyar, A.V. 8-55466
- Kuchinskii, V.V.** *see* Denae, V.V. 8-82027
- Kuchitsu, K.** *see* Suzuki, K. 8-64839, 8-90115
- Kuchko, T.V.** *see* Tutova, E.G. 8-55677
- Kuchler, G.,** Schnedder, R., Wagner, W., Wolburg, I., Lindner, H.-J. A combined sensor suitable for telemetering respiratory functions 8-80995
- Kuchnir, F.T.** *see* Sexton, E.H. 8-54759
- Kuchnir, F.T.** *see* Waterman, F.M. 8-53509, 8-73249
- Kuchowicz, B.** Friedmann-like cosmological models without singularity 8-77632
- Kuchowicz, B.,** Zebrowski, J. The presence of torsion enables a metric to allow a gravitational field 8-73902
- Kuchynka, D.,** Mudra, K., Simkova, M. Activation analysis in evaluation of corrosion properties of steels 8-53038
- Kuck, G.A.** *see* Vampola, A.L. 8-88996
- Kuczowski, L.** *see* Fong, G.D. 8-70817
- Kuczumow, A.** *see* Hubicki, W. 8-61127
- Kuczynski, G.C.,** Dietz, P.E., Hamill, W.H., Jischke, J.H. H₂O related centers in potassium chloride 8-67711
- Kuczynski, G.C.** *see* Arghir, G. 8-84738
- Kuczynski, G.C.** *see* Kress, J.W. 8-90333
- Kuczynski, W.** *see* Hoffmann, J. 8-52463
- Kudaka, K.,** Hanazawa, T., Takai, H. Sintering of TiO 8-68659
- Kudchadker, A.P.,** Kudchadker, S.A., Patnaik, P.R., Mishra, P.P. Densities of liquid CH_{4-x}X_x (X=Br,I) and CH_{4-(a+b+c+d)}F_aCl_bBr_cI_d halomethanes 8-75703
- Kudchadker, A.P.** *see* Kudchadker, S.A. 8-75250
- Kudchadker, S.A.,** Kudchadker, A.P., Wilhoit, R.C., Zwolinski, B.J. Ideal gas thermodynamic properties of phenol and cresols 8-75250
- Kudchadker, S.A.** *see* Kudchadker, A.P. 8-75703
- Kudeeva, V.S.** *see* Sergienko, V.I. 8-73614, 8-73617
- Kudermann, G.** *see* Blachnik, R. 8-91450
- Kudin, A.M.** *see* Geguzin, Ya.E. 8-76727
- Kudin, V.T.** *see* Tumanskii, B.F. 8-56838
- Kudinov, V.I.** *see* Gordeev, V.A. 8-52416
- Kudinov, V.V.** *see* Rogozhin, V.M. 8-52668
- Kudintseva, G.A.** *see* Bulyarskii, S.V. 8-56228
- Kudlak, S.M.** *see* Yanchishin, F.P. 8-56693
- Kudo, A.** *see* Kamiyoshi, K. 8-88692
- Kudo, H.** *see* Yoshokura, M. 8-58253
- Kudo, H.** *see* Yoshida, T. 8-67814
- Kudo, K.,** Kobayashi, K., Shigematsu, T., Fujinaga, K. Determination of indium in metallic tin and cadmium by substoichiometric neutron activation analysis 8-76954
- Kudo, K.,** Watanabe, Y., Ogi, S., Yamamoto, S., Akazaki, M. Measurement of the magnetic field distribution in ultra fast θ-pinch 8-55753
- Kudo, M.,** Nihei, Y., Kamada, H. Quantitative X-ray photoelectron spectroscopic (XPS) measurement on the surfaces of GaAs(111), (111) and (110) single crystals—Determination of relative photo-Auger ionization cross sections and electron mean free paths by using the crystal regularity of compound semiconductors 8-56558
- Kudo, M.,** Nihei, Y., Kamada, H. Quantitative XPS measurement on the surfaces of GaP, GaSb and ZnSe single crystals 8-56559
- Kudo, M.,** Nihei, Y., Kamada, H. Computer controlled ESCA for nondestructive surface characterization utilizing a TV-type position sensitive detector 8-76969
- Kudo, M.,** Nihei, Y., Kamada, H. Quantitative surface analysis by means of X-ray photoelectron spectroscopy (XPS, ESCA) 8-88672
- Kudo, M.** *see* Taniuchi, T. 8-75000
- Kudo, T.,** Alwitt, R.S. Cross-sections of hydrous and composite aluminium oxide films 8-67917
- Kudo, T.,** Matsubara, F., Katsura, S. Magnetic properties and distribution of thermal averages of spins in the one-dimensional random mixture of Ising spins of S=1 and 1/2 8-95407
- Kudo, T.** *see* Furuta, H. 8-63177
- Kudo, T.** *see* Kowaka, M. 8-56824, 8-56825
- Kudo, T.** *see* Nishi, H. 8-66829
- Kudoh, K.** *see* Iwai, S. 8-66135
- Kudrevatykh, N.V.,** Deryagin, A.V., Kazakov, A.A., Reimer, V.A., Moskalev, V.N. Role of rare-earth ions in the formation of magnetic anisotropy of intermetallic compounds R₂CO₁₇ 8-76238
- Kudrevatykh, N.V.** *see* Deryagin, A.V. 8-64202
- Kudriavtsev, E.M.** *see* Milewski, J. 8-63053
- Kudriavtzev, Yu.V.** *see* Aden, V.G. 8-94086
- Kudrjavtsev, I.K.,** Shumovsky, A.S. On the order parameter for an exactly soluble model of a magnetic crystal 8-76207
- Kudrjavtzeva, L.** *see* Mikhelson, V. 8-87782
- Kudryashov, G.S.** *see* Khazanov, G.V. 8-77395
- Kudryashov, N.A.** *see* Arsenin, V.Ya. 8-87387
- Kudryashov, A.D.** *see* Bessonov, O.A. 8-61722
- Kudryashov, A.N.** Built-in photoelectric exposure meter 8-93779
- Kudryashov, G.V.** *see* Zharov, N.I. 8-67232
- Kudryashov, V.G.,** Smolentsev, V.I. Effect of iron and silicon impurities on K_{1c} of aluminium alloy D16 8-84990
- Kudryashov, V.M.** *see* Kryazhev, F.I. 8-90560
- Kudryashov, Yu.M.** *see* Raikhman, A.Z. 8-56854
- Kudryavtsev, A.M.,** Sorokin, A.F. Stripping cross sections for atomic hydrogen by helium and nitrogen at 0.3-3 keV 8-78807
- Kudryavtsev, A.M.** *see* Bocharov, V.N. 8-75259, 8-91153
- Kudryavtsev, A.M.** *see* Botcharov, V.N. 8-67485
- Kudryavtsev, A.P.** *see* Subbotin, V.I. 8-90631
- Kudryavtsev, E.K.,** Potapov, M.N., Nashatyr, S.V., Grilikhes, M.S. Automated equipment for studies using the rotating disk-ring electrode technique 8-95933
- Kudryavtsev, I.V.,** Naumchenkov, N.E. Increasing the fatigue resistance of large 25GS steel forgings by the surface plastic deformation method 8-88530
- Kudryavtsev, N.A.** *see* Bakhtin, L.A. 8-65863
- Kudryavtsev, P.I.** Non-propagating fatigue cracks in torsion of steel components strengthened by surface plastic deformation 8-88529
- Kudryavtsev, V.N.** *see* Kuftarkov, Yu.M. 8-65331
- Kudryavtsev, Yu.A.** *see* Knyazev, I.N. 8-73041
- Kudryavtsev, Yu.P.** *see* Sergushin, I.P. 8-88384
- Kudryavtseva, A.D.** *see* Sokolinskaya, A.I. 8-83038
- Kudryavtseva, I.V.** *see* Galun, B.V. 8-74919
- Kudryavtseva, K.A.** *see* Solyanko, V.F. 8-86277
- Kudryavtseva, L.A.** *see* Glazkov, V.M. 8-95779
- Kudryavtseva, M.V.,** Lipin, A.L., Pekerman, F.M. Evaluation of the X-ray defectoscopic parameters of electroluminescent memory screens 8-72992
- Kudszus, E.** *see* Moortgat, G.K. 8-56903
- Kudu, K.** *see* Aints, M. 8-67581, 8-87569
- Kudu, K.** *see* Korge, H. 8-67588
- Kudyachov, V.G.** *see* Below, A.F. 8-52930
- Kudykina, T.A.** *see* Vinetskii, V.L. 8-67957
- Kudzhmauskas, Sh.P.** *see* Kiveris, A.Yu. 8-72616
- Kudzina, L.Yu.,** Luk'yanenko, A.I., Rotaru, V.K., Yevtodienko, Yu.V. Study of the Ca²⁺-transport system of mitochondria in bilayer lipid membranes 8-64966
- Kudzina, L.Yu.** *see* Yurkov, I.S. 8-53365
- Kuebler, N.A.** *see* Robin, M.B. 8-74719, 8-82803
- Kuehl, D.,** Griffiths, P.R. Dual-beam Fourier transform infrared spectrometer 8-70201
- Kuehn, L.A.** Assessment of convective heat loss from humans in cold water 8-81093
- Kuehn, T.H.** Radial heat transfer and critical Biot number with radiation, uniform surface heat generation, and curvature effects in convection 8-90700
- Kuehne, F.J.** *see* D'Agostino, M.D. 8-85238
- Kuehne, W.** *see* Markfort, D. 8-82449
- Kuehner, A.V.** *see* Hewitt, J.E. 8-53538
- Kuehner, J.A.** *see* Baxter, A.M. 8-89886
- Kuehner, J.A.** *see* Vold, P.B. 8-74374
- Kuehnle, M.R.** Performance aspects of KC-film in the digital recording mode 8-78024
- Kuei-yi Tiao** *see* Tiao Kuei-yi
- Kuen, I.,** Howorka, F., Varney, R.N. Cylindrical hollow cathode as a source of negative ions 8-82072
- Kuentzler, R.** Heat capacity of AuNi alloys 8-95452
- Kufner, K.** *see* Buckel, G. 8-74432
- Kuftarkov, U.M.** *see* Korotaev, G.K. 8-85598
- Kuftarkov, Y.M.,** Kosnyrev, V.K. The structure of a homogeneous oceanic layer in the deep synoptic eddy zone 8-85601
- Kuftarkov, Yu.M.,** Kudryavtsev, V.N. Clouds affect skin-temperature of the ocean 8-65331
- Kuftarkov, Yu.M.** *see* Nelepo, B.A. 8-81191
- Kuga, H.** *see* An, S. 8-88742
- Kugatova, F.U.** *see* Muminov, R.A. 8-78545
- Kugel, G.** Dynamic properties of wustite (Fe_{1-x}O) 8-52236
- Kugel, G.** *see* Kress, W. 8-59899
- Kugel, K.I.** *see* Gaisanyuk, A.V. 8-84269
- Kugler, G.** *see* Mohindra, V.K. 8-82492
- Kugo, T.** Dynamical instability of the vacuum in the Lagrangian formalism of the Bethe-Salpeter bound states 8-74146
- Kuhl, J.,** Marowsky, G., Obermayer, H.A. Efficient spectral narrowing and tuning of a CW dye laser with a low-loss diffraction creating 8-71109
- Kuhl, J.** *see* Calleja, J.M. 8-60471
- Kuhl, J.** *see* Genzel, L. 8-49914
- Kuhl, P.K.,** Miller, J.D. Speech perception by the chinchilla: Identification functions for synthetic VOT stimuli 8-57022
- Kuhl, T.** *see* Dabkiewicz, P. 8-54680
- Kuhl, W.** Spaciousness (spatial impression) as a component of total room impression 8-79164
- Kuhl, W.,** Plantz, R. The significance of the diffuse sound radiated from loudspeakers for the subjective 'hearing event' 8-79174
- Kuhl, W.** *see* Kath, U. 8-94483
- Kuhle, D.,** Dietel, W. Mode selection in a spectrally homogeneously broadened CW laser due to spatially inhomogeneously saturable absorption 8-63143
- Kuhle, D.,** Dietel, W. Mode selection by spatially inhomogeneous saturable absorption 8-83011
- Kuhle, D.** *see* Dopel, E. 8-50569
- Kuhlman, M.R.,** Reist, P.C. A note regarding the relation of the equilibrium surface area to the volume production rate of an aerosol 8-61066
- Kuhlmann, E.** *see* Heinzmann, U. 8-66607
- Kuhlmann, F.,** Hein, U., Burka, C., Knick, K.-D., Schneider, A. Electron mirror microscopy with monochromatic electrons 8-89598
- Kuhlmann, F.** *see* Unger, V. 8-81064
- Kuhlmann-Wilsdorf, D.** Deviations from Schmid's law in uni-directional strain 8-71783
- Kuhlmeyer, M.** *see* Stanz, A. 8-95884
- Kuhn, B.** *see* Gurtzsch, H. 8-54751
- Kuhn, D.** *see* Bartke, J. 8-66169
- Kuhn, G.** *see* Neumann, H. 8-92090
- Kuhn, G.** *see* Schumann, B. 8-84104
- Kuhn, H.** *see* Klimek, R. 8-69491
- Kuhn, H.** *see* Polymeropoulos, E.E. 8-68050
- Kuhn, H.A.,** Dieter, G.E. Workability in bulk forming processes 8-56775

- Kuhn, H.J.** Cross bridge slippage induced by the ATP analogue AMP-PNP and stretch in glycerol-extracted fibrillar muscle fibres 8-77075
- Kuhn, I.H., Metz, F.** Theory of intramolecular radiationless transitions. II. The effect of line broadening 8-90201
- Kuhn, J.** Nuclear-size dependence of π^- production: A unified pattern 8-82349
- Kuhn, J.** *see* Benecke, J. 8-82141
- Kuhn, J.H.** *see* Kaplan, J. 8-93891
- Kuhn, P.M., Nolt, I.G., Stearns, L.P.** Infrared passbands for clean-air-turbulence detection 8-96318
- Kuhn, S.** An iterative method for computing velocity distribution functions of low-concentration particle components in a given non-uniform background 8-71438
- Kuhn, W.** *see* Henningsen, W.P. 8-53275
- Kuhn, W.** *see* Muser, H.E. 8-95564
- Kuhn, W.R.** The effects of cloud height, thickness, and overlap on tropospheric terrestrial radiation 8-75252
- Kuhn, W.R., Kraemer, D., Cicerone, R.J., Liu, S.** Radiative equilibrium temperatures in the stratosphere and mesosphere—a comparison for the stellar occultation and BUV ozone data 8-81280
- Kuhnast, F.A.** *see* Flechon, J. 8-84325, 8-91253
- Kuhne, M.** *see* Smith, P.L. 8-70790
- Kuhne, R., Reineker, P.** Nakajima-Zwanzig's generalized master equation: evaluation of the kernel of the integro-differential equation 8-86123
- Kuhne, R., Reineker, P.** Exact derivation of a generalized master equation for the motion of excitons 8-87911
- Kuhnel, A.** A comparison of two approaches to the diagram technique for Green functions containing spin operators 8-91836
- Kuhnel, C.** Application of systems theory to optical imaging 8-74851
- Kuhnel, G.** *see* Ziegler, E. 8-76077
- Kuhnel, W., Steiger, Th., Gey, E., Spangenberg, H.J.** Quantum chemistry calculation of the heat of formation of selected C/H containing species using the MINDO method 8-82646
- Kuhnen, R.** *see* Buttgenbach, S. 8-55133, 8-66214
- Kuhner, G.** *see* Frey, R. 8-50154
- Kuhr, H.** *see* Pauling-Toth, I.I.K. 8-69893
- Kuifers, F.J., Tieman, B.M., Ponc, V.** The surface composition of platinum-palladium alloys determined by Auger electron spectroscopy 8-79869
- Kuipers, J.** Pulsed acceleration in solar flares 8-96450
- Kuiken, H.K.** Heat or mass transfer from an open cavity 8-55640
- Kuin Nguen Ngok** *see* Nguen Ngok Kuin
- Kuindersma, R.S.** *see* Heikens, H.H. 8-52242, 8-60269
- Kuindersma, S.R., Muller, W.R., Rautenberg, M.** A far infrared study of the lattice dynamics of NiI₂ 8-80359
- Kuivalainen, P.** *see* Kaski, K. 8-68387
- Kuizenga, D.J.** *see* Martin, W.E. 8-63134
- Kuizenga, D.J.** *see* Murray, J.E. 8-51365
- Kujal, B.** Effective method for neutron-physical calculation of a fast reactor 8-66332
- Kuka, G.** *see* Braune, W. 8-87908
- Kukhar, N.R.** Speckle noise of redundant Fourier holograms for one class of diffusers 8-50734
- Kukhareenko, B.G.** Phenomenological theory of magnetic resonance in antiferromagnets with weak ferromagnetism 8-60339
- Kukhareenko, Yu.A.** Kinetic equation for a system of many strongly interacting particles and the law of increasing entropy 8-54300
- Kukharskii, A.A.** Attachment for recording reflection spectra with SF-8 spectrophotometer 8-74070
- Kukharskii, M.P., Krivosheev, B.N., Kosheleva, G.V.** Heat transfer in a centrifugal heat pipe 8-79188
- Kukhtarev, N.V.** *see* Vinetskii, V.L. 8-90393
- Kukhtin, V.V.** *see* Gentchev, V.I. 8-78174
- Kukibnyi, Yu.A.** *see* Izmailov, I.A. 8-63100
- Kukimoto, H.** *see* Akagi, K. 8-80423
- Kukimoto, H.** *see* Oda, S. 8-52585
- Kuklachev, M.I.** *see* Gusev, G.A. 8-54359
- Kukli, A.S.** *see* Gurvich, A.K. 8-53089
- Kuklik, A.** *see* Adam, J. 8-74377
- Kuklin, E.A., Usov, V.V., Perov, B.V., Osikina, E.S., Gudimov, M.M.** Structural cause of orientation modification of amorphous polymers 8-67664
- Kuklin, R.N.** Bond energy of hydrogen in metals 8-51940
- Kukova, A.V.** *see* Bykh, A.I. 8-74026
- Kukoz, F.I., Kolomoets, A.M., Vybormov, V.F.** Conductivity of solid polycrystalline RbAg₄I₃ electrolyte. III. Ionic conductivity of samples containing AgI and Rb₂AgI₃ 8-51734
- Kuksa, L.V., El'manovich, V.I.** The stress-strain state of individual grains in polycrystalline silicon iron 8-80580
- Kuksenko, V.I., Mikhailovskii, V.N., Nerubenko, S.G., Tymchuk, Kh.K.** The presence of tidal variations in the localisation of synoptic objects 8-81321
- Kuksenko, V.S., Slutsker, A.I.** Structural conditions of deformation and fracture of oriented crystalline polymers 8-52918
- Kuksenova, L.I., Rybakova, L.M.** Role of diffusion processes in friction of copper alloys 8-52999
- Kukudzhano, A.R.** *see* Kompanets, O.N. 8-50800
- Kukulin, V.I., Neudatchin, V.G., Pomerantsev, V.N.** Integral equations for composite-particle scattering taking the Pauli principle into account 8-86496
- Kukulin, V.I., Pomerantsev, V.N.** The orthogonal projection method in scattering theory 8-49688
- Kukushkin, A.K.** *see* Kuprin, S.P. 8-64957
- Kulacki, F.A., Daumenmier, J.A.** A preliminary study of electrohydrodynamic augmented baking 8-87235
- Kulacki, F.A.** *see* Lambha, N.K. 8-94541
- Kulagin, B.N.** *see* Pokatilov, V.S. 8-72418
- Kulagin, I.S.** *see* Kovbasyuk, L.D. 8-96126
- Kulagin, N.E.** *see* Eleonskii, V.M. 8-60276
- Kulagin, N.E.** *see* Zvezdin, A.K. 8-56358
- Kulak, A.** Photons as a detector of gravitational waves 8-73905
- Kulak, R.F.** Dynamic structural response of LMFBF head closures to hypothetical core disruptive accidents 8-70617
- Kulak, R.F., Belytschko, T.B., Kennedy, J.M., Schoeberle, D.F.** Finite element formulation for thermal stress analysis of thin reactor structures 8-70613
- Kulakhmedov, N.N.** *see* Azimov, S.A. 8-58217
- Kulakov, A.A.** *see* Polyakov, N.I. 8-89563
- Kulakov, Yu.A.** *see* Marshalkin, A.N. 8-52988
- Kulakov, Yu.A.** *see* Zuev, B.K. 8-61113
- Kulakova, L.A., Laikhtman, B.D.** Theory of nonlinear noise amplification in piezoelectric semiconductors 8-60167
- Kulakova, L.A.** *see* Ilisavskii, Yu.V. 8-88000
- Kulakovskii, A.M.** *see* Nikitenko, N.I. 8-83399
- Kulakovskii, V.D., Levinson, I.B., Timofeev, V.B.** Intervalley relaxation and generation of hot-exciton luminescence in elastically deformed silicon 8-88361
- Kulakovskii, V.D., Malyavkin, A.V., Timofeev, V.B.** Zeeman splitting in emission spectra of multiple-particle exciton-impurity complexes in silicon 8-64413
- Kulas, A.** *see* Brun, P. 8-80939
- Kulas, C.E.** *see* Pinson, L.J. 8-69455
- Kulasekaran, S., Rajadurai, S., Santappa, M.** Powder coatings—retrospect and prospects 8-56577
- Kul'bachinskii, V.A.** *see* Brandt, N.B. 8-49809, 8-57973, 8-75981
- Kulbertus, H.E.** *see* Vinke, R.V.H. 8-85302
- Kul'chitskaya, A.K.** *see* Bazakutsa, V.A. 8-51834
- Kulcinski, G.L., Davis, J.W., Sung, T.Y.** Considerations of the recycle time for radioactive titanium alloy structures 8-58457
- Kulcinski, G.L.** *see* Hafehe, W. 8-78430
- Kulcinski, G.L.** *see* Hunter, T.O. 8-58427
- Kulczycki, A.** *see* Natkaniec, I. 8-63816
- Kulda, J.** On the field of blade electrode 8-55273
- Kuleev, V.G.** *see* Komarov, V.A. 8-53091, 8-56856
- Kulemin, A.V., Nekrasova, S.Z., Entin, R.I.** Acceleration of the pearlitic transformation under the influence of ultrasonics 8-67823
- Kuleshov, E.A.** *see* Kruchinin, Yu.D. 8-51424
- Kuleshov, V.V., Dudkevich, V.P., Syrkina, L.N., Fesenko, E.G.** Longitudinal piezoelectric effect in a ferroelectric ceramic 8-56430
- Kuleshov, V.V.** *see* Dudkevich, V.P. 8-72478
- Kuleshova, L.V., Pavlovskii, M.N.** Dynamic compressibility, electrical conductivity, and sound velocity behind a shock front in Kaprolon 8-95105
- Kulesko, G.I.** Inelastic electron scattering by dislocations in Cu and Al base alloys 8-79988
- Kulesa, G.F.** *see* Mihelcic, D. 8-73535
- Kulesa, R.** Momentum generation in a high current arc 8-71586
- Kuleznev, V.N.** Determination of the excess energy in heterophase mixtures of polymers 8-53264
- Kuleznev, V.N.** *see* Markov, N.G. 8-52904
- Kulhanek, F.C.** *see* Hart, R.L. 8-85723
- Kulhar, V.S., Shastri, C.S.** Excited states of positronium in positron-hydrogen charge exchange 8-58873
- Kulic, E., Rhodes, E.** Heat transfer rates to moving droplets in air/steam mixtures 8-90997
- Kulic, M.** *see* Dobrosavljevic, L. 8-84367
- Kulic, M.** *see* Radovic, Z. 8-56274
- Kulick, J.D., Scott, J.C.** An automated Faraday balance susceptometer 8-65946
- Kulicke, W.M., Kiss, G., Porter, R.S.** Inertial normal-force corrections in rotational rheometry 8-63520
- Kulicki, K.** *see* Denus, S. 8-82509
- Kuliev, G.G.** The stability problem in mechanics of the brittle destruction 8-55606
- Kuliev, G.G.** *see* Guz, A.N. 8-55597
- Kuliev, V.Yu.** *see* Dadashev, L.A. 8757804
- Kulieva, G.A., Nizametdinova, M.A., Shteinshraiber, V.I.** The application of two-band Mott conductivity model to the alloys of nickel with rhenium 8-60118
- Kulik, I.O., Omel'yanchuk, A.N.** Josephson effect in superconducting bridges. Microscopic theory 8-56258
- Kulik, J.** *see* Dower, R.G. 8-61938
- Kulik, N.G., Chirkov, V.M.** Design of diffuse systems in the search for optimum conditions 8-50886
- Kulik, N.I.** *see* Shklyarov, I.N. 8-90632
- Kulik, O.M., Prihodskaja, O.I.** Temperature field of the plate with a foreign heat-generating element 8-55549
- Kulik, P.P., Rozanov, E.K., Riabii, V.A.** Experimental evaluation of the electrical conductivity and radiative heat conductivity of dense cesium plasma 8-71452
- Kulik, P.P.** *see* Asinovskii, E.I. 8-75387
- Kulik, P.P.** *see* Batanova, T.N. 8-71451
- Kulik, P.P.** *see* Ermokhin, N.V. 8-71442
- Kulik, P.P.** *see* Kovaliov, B.M. 8-71508
- Kulik, S.N.** *see* Bur'yakov, V.B. 8-85511
- Kulik, V.N.** *see* Koshkin, V.M. 8-78559, 8-86743
- Kulikov, A.E.** *see* Pertsev, A.A. 8-71572
- Kulikov, A.V.** *see* Asratyan, A.E. 8-62389
- Kulikov, E.** *see* Gubenkov, A.N. 8-90621
- Kulikov, E.A.** *see* Efimov, V.V. 8-81189
- Kulikov, N.I.** McMillan-Hopfield factor and ideal resistivity of transition metals 8-64024
- Kulikovskii, K.L., Kurochkin, E.P., Shimarov, A.I.** Measurement of the intensity of strong electrostatic fields 8-77934
- Kulikowski, J.J.** *see* Wood, I.C.J. 8-56979
- Kulinkovich, A.E.** *see* Gumenyuk, A.I. 8-69481
- Kulipanov, G.N.** *see* Artemyev, A.N. 8-66447
- Kulipanov, G.N.** *see* Barkov, L.M. 8-62671
- Kulipanov, G.N.** *see* Budker, G.I. 8-62667
- Kulish, Yu.V.** Nonresonance part of γ^* -N-scattering amplitude and dispersion sum rule with derivatives 8-66121
- Kulishov, V.I.** *see* Kravets, M.A. 8-71641
- Kulkarni, A.B.** *see* Desai, P. 8-79225
- Kulkarni, A.G., Abhyankar, K.D.** Light elements of TT Hydrae 8-69837
- Kulkarni, A.K.** *see* Soukup, R.J. 8-91780
- Kulkarni, D.R.** *see* Deshpande, P.D. 8-83790
- Kulkarni, D.R., Narasimham, V.L., Pandya, S.P.** A band-mixing Hartree-Fock model for ⁶²Zn 8-54676
- Kulkarni, G.V., Ray, A., Patel, C.C.** Molecular orbital studies on nicotinic acid, nicotinamide and related compounds 8-90086
- Kulkarni, P.B.** *see* Arora, P.K. 8-96310
- Kulkarni, P.V., Ananth, A.G., Sinhal, S.D., Joshi, S.C.** Near infrared photometry of some stars 8-69795
- Kulkarni, R.G.** *see* Wathore, T.N. 8-79786
- Kulkarni, R.H.** *see* Chaudhari, R.M. 8-87674
- Kulkarni, S.V., Sadhu Singh** Deformation of a thin cylinder of arbitrary length subjected to uniform band pressure 8-94595
- Kulkarni, V.H.** Effect of the ponderomotive force on ion-acoustic waves 8-75284
- Kulkarni, V.K.** Frequency dependence of radio-source counts and spectral index distributions 8-96554
- Kulkarni, V.W.** *see* Laud, B.B. 8-80393
- Kulkarny, V.A.** Impulsive discharge noise: Balloon burst problem and engine exhaust pulses 8-90588
- Kul'ko, V.F.** A possible generalisation of the theory of wave processes 8-77725
- Kul'ko, V.F.** Generalization of a formula of operational calculus and its practical use in calculating electromagnetic fields 8-78868
- Kul'ko, V.F.** A new form of differential equation describing wave processes 8-81850
- Kul'ko, V.F.** A transformed version of the equations of electrodynamics 8-81866
- Kull, H., Schneider, W.** Propagation and spreading of unstable perturbations in electron-hole plasmas subject to crossed fields 8-76102
- Kull, L.A., Glancy, J.E., Harris, L., Jr.** The performance of safeguards technology—hardware, people, systems 8-82484
- Kullander, S.** *see* Aden, T. 8-86736
- Kullander, S.** *see* Badelek, B. 8-90011
- Kullander, S.** *see* Burg, J.P. 8-89741
- Kulberg, R.** *see* Jakobsson, B. 8-66297
- Kulberg, R.W.** *see* Bevan, S. 8-61157
- Kullgren, T.E., Smith, F.W., Ganong, G.P.** Quarter elliptical cracks emanating from holes in plates 8-90796

- Kullmann, J.**, Schonenberg, R. Facies differentiation caused by wrench deformation along a deep-seated fault system (Leon line, Cantabrian Mountains, North Spain) 8-88831
- Kulm, L.D.** see Scheidegger, K.F. 8-53626
- Kulowski, A.** Actual tendencies in applying electronic calculation techniques in interior acoustics 8-59205
- Kulshreshtha, A.K.**, Dweltz, N.E. Paracrystalline lattice disorder in cellulose II 8-83751
- Kulshreshtha, A.K.**, Khan, A.H., Madan, G.L. X-ray diffraction study of solvent-induced crystallization in polyester filaments 8-83754
- Kultepin, N.G.** see Balashov, A.A. 8-70204
- Kulyaba, I.N.**, Kryzhanovskii, V.N., Palyant, I.F., Pyzh, A.D., Protsevat, M.M. Resistance thermometer for measuring low temperatures in presence of strong magnetic fields 8-89477
- Kulyupin, Yu.A.** see Bondar', E.A. 8-52591
- Kulzer, H.** see Thiel, K. 8-62679
- Kumabe, H.**, Tanaka, T., Namizaki, H., Ishii, M., Susaki, W. High temperature single-mode CW operation with a junction-up TJS laser 8-74918
- Kumabe, I.**, Hyakutake, M., Fujino, Y. Analysis of total (n,p) and (n, α) cross sections at 14 MeV with pre-equilibrium model 8-58272
- Kumada, K.** see Araki, H. 8-92260
- Kumagai, K.**, Matsuhira, T., Asayama, K. NMR study on the coexistence of superconductivity and ferromagnetism in (Ce_{1-x}Gd_x)Ru₂ 8-84349
- Kumagai, N.**, Sasajima, S., Ito, H. Long-term creep of rocks. (Results with large specimens obtained in about 20 years and those with small specimens in about 3 years) 8-56705
- Kumagai, N.**, Shirafuji, J., Inuishi, Y. Electrical and optical properties of As-Se-Ge glasses 8-68031
- Kumagai, N.** see Morishita, K. 8-93536
- Kumagai, N.** see Satomura, Y. 8-74999
- Kumagai, N.** see Tsutsumi, M. 8-91923
- Kumagai, S.** see Kono, M. 8-87520
- Kumagawa, M.** Observations of microfacets near irregularly remelted surfaces in pulled GaSb crystals 8-91278
- Kumakhov, M.A.** see Beloshitskii, V.V. 8-49999, 8-83848
- Kumamaru, K.**, Inoue, K. A method of feature extraction and recognition for sleep EEG patterns by real-time analysis 8-73271
- Kumamoto, E.** see Ieki, M. 8-78698
- Kumano, M.**, Hanamura, S. On the recent development of sonar 8-55500
- Kumanoya, M.**, Jimbo, T., Umeno, M., Amezumi, Y. Amorphous/crystalline Pb_{1-x}Sn_xTe heterojunction 8-60197
- Kumanoya, M.** see Jimbo, T. 8-58036
- Kumar, A.** Some theorems of affine motion in a recurrent Finsler space. IV 8-57797
- Kumar, A.** On the existence of special projective affine motion in a recurrent Finsler space. II 8-73893
- Kumar, A.** Two-dimensional spin-echo NMR spectroscopy: a general method for calculation of spectra 8-86842
- Kumar, A.**, Ahmed, F., Kothari, L.S. Thermal-neutron wave propagation in finite assemblies of beryllium and beryllium oxide 8-58320
- Kumar, A.**, Chandra, R., Sammut, R.A., Ghatak, A.K. Cutoff frequencies of a parabolic-core W-type fibre 8-94436
- Kumar, A.**, Eyre, B.L. An electron microscope study of Mo₂C precipitates in molybdenum. I. Crystallographic relationships 8-52811
- Kumar, A.**, Joshi, M.M. First order Green's function theory of Heisenberg ferromagnets with S=1/2 8-72323
- Kumar, A.**, Khetrapal, C.L. Two-dimensional NMR: Application to 'oriented' molecules 8-80244
- Kumar, A.**, Roy, B.N. Electron impact ionization of positive ions 8-70943
- Kumar, A.**, Roy, B.N. Binary encounter calculations on electron impact double ionization of noble gas atoms 8-90294
- Kumar, A.**, Sheridan, J., Stiefvater, O.L. The microwave spectrum of oxazole. II. Dipole moment and quadrupole coupling constants 8-55166
- Kumar, A.**, Srinivasan, M. An integral version of the Los Alamos density exponent formula for critical mass variation 8-74425
- Kumar, A.**, Srivastava, P.N. Quantitative studies on the effects of radiophosphorus (P-32) on bone marrow of Swiss albino mice during postnatal development 8-53450
- Kumar, A.**, Tiwari, M.K., Gopal, E.S.R. Dispersion of resistivity anomalies in critical binary liquid systems 8-76123
- Kumar, A.** see Gupta, S.K. 8-94964
- Kumar, A.** see Iyer, B.R. 8-89217
- Kumar, A.** see Khare, S.P. 8-74697
- Kumar, A.** see Lal, H.B. 8-56288
- Kumar, A.** see Mathur, A. 8-80744
- Kumar, A.** see Nigam, A.N. 8-74676
- Kumar, A.** see Ramakrishnan, J. 8-71874
- Kumar, A.** see Rao, U.S. 8-90009
- Kumar, A.** see Sadhwani, A. 8-89931
- Kumar, A., Jr.** see Khare, S.P. 8-74777
- Kumar, B.R.** see Armstrong, T.A. 8-89744
- Kumar, C.A.** see Pappu, S.V. 8-50708
- Kumar, D.**, Barma, M. Order parameter relaxation in spin glasses 8-80161
- Kumar, D.** see Sequeira, A. 8-55787
- Kumar, J.**, Upadhyaya, J.C. Nonlocal effects in the lattice dynamics of noble metals 8-75754
- Kumar, K.** Dynamic deformation theory of shape coexistence, pair fluctuations, and shape transition in Ge nuclei 8-58235
- Kumar, K.** Relation between mobility and diffusion in swarms 8-71454
- Kumar, K.**, Das, D., Wettstein, E. High coercivity, isotropic plasma sprayed samarium-cobalt magnets 8-68295
- Kumar, K.**, Das, D., Wettstein, E. Samarium-cobalt magnets resistant to 750°C 8-95468
- Kumar, K.**, Gupta, J.B. Dynamic deformation theory of the B(E2) values and the quadrupole shape characteristics of even gadolinium nuclei 8-89795
- Kumar, M.**, Hemkar, M.P. Lattice vibrations and Debye-Waller factors in f.c.c. metals 8-51630
- Kumar, M.**, Hemkar, M.P. Temperature variation of Debye-Waller factors of BCC metals 8-55925
- Kumar, M.**, Hemkar, M.P. Lattice vibrations and Gruneisen parameters of alkali metals 8-59917
- Kumar, M.**, Mueller, I.I. Detection of crustal motion using spaceborne laser ranging systems 8-92995
- Kumar, N.** see Amritkar, R.E. 8-76338
- Kumar, N.** see Hasan, T. 8-88321
- Kumar, N.** see Krishan, V. 8-96498
- Kumar, N.V.** see Kumar, P.N. 8-62987
- Kumar, P.** Thermodynamics of textures in superfluid ³He 8-75900
- Kumar, P.**, Lin-Liu, Y.R. Textures near the A \rightarrow A₁ transition in superfluid He: NMR and current effects 8-59994
- Kumar, P.** see Maki, K. 8-51779
- Kumar, P.N.**, Kumar, N.V. Approximate analysis of electromagnetic scattering from corrugated conducting surfaces by inhomogeneous surface impedance modeling 8-62987
- Kumar, R.**, Das, U.C. Transformation of Schlumberger apparent resistivity to dipole apparent resistivity over layered Earth by the application of digital linear filters 8-96304
- Kumar, R.** see Sethi, V.C. 8-63945
- Kumar, S.** Presence of parallel metamorphic belts in the northwestern Himalaya 8-57207
- Kumar, S.**, Broadfoot, A.L. Evidence from Mariner 10 of solar wind flux depletion at high ecliptic latitudes 8-96371
- Kumar, S.** see Broadfoot, A.L. 8-65474
- Kumar, S.** see Gupta, V.B. 8-95003
- Kumar, S.** see Islam, N. 8-75855
- Kumar, S.** see Khare, A. 8-54592, 8-89641
- Kumar, S.** see Sing, R.K. 8-91387
- Kumar, S.** see Singh, M.S. 8-81302
- Kumar, S.** see Singh, S.N. 8-86949
- Kumar, S.P.** see Rama Chary, C. 8-72493
- Kumar, V.**, Huang, F.H., Che-Yu Li. Nonequilibrium behavior of polycrystalline solids 8-87280
- Kumar, V.**, Mukherjee, S. A boundary-integral equation formulation for time-dependent inelastic deformation in metals 8-51090
- Kumar, V.**, Verma, U.P., Pandey, A.N. Molecular polarizability and bond polarizability derivatives of benzyl chloride and benzyl bromide 8-74793
- Kumar, V.**, Verma, U.P., Pandey, A.N. Normal coordinate analysis for dinitrogen dioxide 8-90144
- Kumar, V.** see Kaur, M. 8-70568
- Kumar, V.** see Mukherjee, S. 8-83264
- Kumar, V.** see Shrivastava, R.L. 8-64432
- Kumar Anil** see Anil Kumar
- Kumar Bera Sandhi** see Sandhi Kumar Bera
- Kumar Datta Manoj** see Manoj Kumar Datta
- Kumar Dubey, R.**, Prasad Pathak, R. Unsteady flow of visco-elastic fluids through a rectilinear pipe having cross-section as a hyperbolic sector with pressure gradient as any function of time 8-75172
- Kumar Jain, V.** ESR of Cr³⁺ in CsAl(SO₄)₂·12H₂O 8-91944
- Kumar Jain Vimal** see Vimal Kumar Jain
- Kumar Singh Ramesh** see Ramesh Kumar Singh
- Kumari, S.** see Jain, G.C. 8-64225
- Kumasaka, K.** see Honzawa, T. 8-59621
- Kumatori, T.**, Hirashima, K., Ishihara, T., Kurisu, A., Sugiyama, H., Hashizume, T. Radiation accident caused by an iridium-192 radiographic source 8-53514
- Kumazawa, R.** see Hiroe, S. 8-59656
- Kumazawa, R.** see Watanabe, N. 8-59629
- Kumazawa, R.** see Watari, T. 8-83604
- Kume, S.** see Ito, H. 8-96134
- Kumeda, M.**, Nakagaki, Y., Suzuki, M., Shimizu, T. ESR study of structural changes in chalcogenide glasses 8-79534
- Kumeda, M.** see Shimizu, T. 8-72155, 8-88374
- Kumeisha, A.A.** see Ivanov, A.P. 8-70181
- Kumeishin, V.F.**, Ivanov, O.A., Partina, V.V., Sharaev, D.Ya. Calculation of the parameters of complex nuclear gamma resonance spectra with the aid of an electronic computer 8-76361
- Kumer, J.B.** Approximate and exact technique for multidimensional radiation transport in a plane parallel atmosphere: application to the 4.3 μ m auroral arc 8-88917
- Kummel, R.**, Rauh, H., Bangert, E. Theory of Stark-Ladder currents 8-68035
- Kummel, R.** see Campo, A. 8-64132
- Kummer, R.B.**, Dynes, R.C., Narayanamurti, V. Fast-time heat capacity in amorphous SiO₂ using heat-pulse propagation 8-51700
- Kummer, R.B.**, Walsted, R.E., Geschwind, S., Narayanamurti, V., Devlin, G.E. Magnetic behaviour of an S=1/2 amorphous antiferromagnet 8-52288
- Kummer, W.** The construction of vector-like supersymmetric gauge models of weak and electromagnetic interactions 8-58106
- Kummerer, H.** Stability of plane channel flow of micropolar liquids 8-94773
- Kumpian, S.** Focusing systems for high energy glass lasers 8-50848
- Kumpera, A.** see Gonzalez-Gascon, F. 8-57756
- Kumpf, G.**, Mezner, Yu., Meller, K., Schmidt, G. Deuteron disintegration induced by protons and neutrons 8-89848
- Kumpf, H.** see Guratzsch, H. 8-54751
- Kun Lee Chang** see Chang Kun Lee
- Kuna, M.** see Bilek, Z. 8-59343
- Kunasz, P.** Mass loss from P Cygni. II. An equivalent two-level-atom approach 8-93255
- Kunc, K.** see Zigone, M. 8-76472
- Kunde, V.G.** see Abbas, M.M. 8-61494
- Kundel, H.L.** Radiologic decision making and physical image properties 8-69189
- Kundel, H.L.** Radiologic decision making and physical image properties 8-85367
- Kundert, W.R.** Sound level meters: the state of the art 8-83191
- Kundig, W.** Muon spin rotation, a new technique in solid-state physics 8-52415
- Kundig, W.** see Graf, H. 8-68438
- Kundig, W.** see Meier, P.F. 8-92010
- Kundig, W.** see Patterson, B.D. 8-60373
- Kundla, E.** On the simultaneous use of rotation and RF fields in the solid state NMR: Possibility for selective investigation of interactions 8-56385
- Kundt, W.** see Krottscheck, E. 8-73861
- Kundu, B.** see Kuzmany, H. 8-80355
- Kundu, M.R.** see Alissandrakis, C.E. 8-53897
- Kundu, M.R.** see Webb, D.F. 8-65595
- Kundu, P.K.** see Allen, J.S. 8-69356
- Kundzich, A.G.** see Sachenko, A.V. 8-80410
- Kunert, H.**, Popenza, J., Suffczynski, M. Selection rules for the double space group O_h¹ 8-51456
- Kunetskii, M.G.** see Sakhnovskii, M.Yu. 8-82020
- Kunev, S.K.** see Konstantinova, E.M. 8-80017
- Kunev, S.K.** see Lakova, M.S. 8-80074
- Kung, C.C.** see Kerridge, J.F. 8-65515
- Kung, E.C.**, Burgdorf, H.A. Maintenance of kinetic energy in large-scale tropical disturbances over the eastern Atlantic [GATE] 8-77307
- Kung, R.T.V.** Infrared molecular saturation characteristics versus oscillator strength 8-78751
- Kung, R.T.V.**, Sirchis, M. Investigation of high pressure saturable absorbers for CO₂ laser gain-isolation 8-59095
- Kung Chang-Teh, Wu Hang-Sheng, Tsai Chien-Hua, Tsai Chun-Tao, Chi Kuang-Ta** Theory of the superconducting critical temperature. II 8-80090
- Kung Chie Yeh** see Chao-Han Liu 8-66715
- Kung Chun-Chan** see Chun-Chan Kung
- Kung-Ngou Hsu** see Hsu Kung-Ngou
- Kung-Yng Liao, Lan-Chan Chu, Chy-Pwu Tzou, Liang, N.T., Lai, C.S., Shou-Yih Wang, Dah-Min Hwang, Chen, T.T.** Fabrication of interdigital transducers and surface acoustic wave delay lines using simple mask printers 8-59229
- Kungl, D.J.** PDX management techniques and procedures 8-54891
- Kunhardt, E.**, Dollinger, R. Rotating ball generator 8-49866
- Kuni, F.M.**, Storonkin, B.A. Brownian rotation in external fields 8-62160
- Kunimitsu, S.** see Ueda, Y. 8-84830
- Kunin, L.L.** see Zuev, B.K. 8-61113
- Kunin, V.Ya.** see Zadova, A.A. 8-64144
- Kunio, T.**, Shimizu, M., Kobayashi, Y. The effect of size of non-metallic inclusions on the ductile fracture behaviour of pure iron 8-64660
- Kunio, T.**, Shimizu, M., Yamada, K., Enomoto, M. Fatigue crack formation associated with cyclic slip deformation along prior austenite grain boundaries 8-60831
- Kunio, T.**, Suzuki, H. An effect of the combined microstructural size on the tensile fracture strength of two phase carbon steel 8-60783

- Kuniskii, A.S. *see* Vangermann, G. 8-68988
 Kunitomi, N. *see* Iida, S. 8-60266
 Kunitomi, N. *see* Nakai, Y. 8-76226
 Kunitomo, T., Osumi, M. Emissivity and band model parameters of infrared bands of sulfur dioxide 8-94246
 Kunitomo, T. *see* Makino, T. 8-52464
 Kunitomo, T. *see* Tanaka, S. 8-67005
 Kunkel, H.P., Kupca, S., Searle, C.W. The non-linear mechanism leading to polarization echoes in some powdered materials 8-87739
 Kunkel, K.E., Floranta, E.W., Shipley, S.T. Lidar observations of the convective boundary layer 8-65366
 Kunkel, W.B. *see* Brown, I.G. 8-58402
 Kun'kova, Z.E. *see* Golik, L.L. 8-76175
 Kunne, L. *see* Kadura, P. 8-79920
 Kunne, E. *see* Hovestadt, D. 8-85790
 Kuno, H. *see* Ito, Y. 8-84734
 Kuno, H. *see* Uemura, Y.J. 8-76966
 Kuno, T. *see* Mizuno, M. 8-53044
 Kuno, Y. *see* Numao, T. 8-89786
 Kunori, S. *see* Whitmore, J. 8-74289
 Kunsch, B. *see* Eder, O.J. 8-79514
 Kunsch, P.L. Energy partitioning in the quenching reaction $N_2(A^3\Sigma_u^+ + v) + N(S) \rightarrow N(^2P \text{ or } ^2D) + N_2(X^1\Sigma_g^+ + v)$ in solid nitrogen 8-66636
 Kunsch, P.L., Dressler, K. Calculation of dynamically induced electronic transitions of matrix-isolated atomic nitrogen 8-63825
 Kunstle, K., Korn, R., Koch, C., Muller, R., Reiter, K. Gasification of coal with nuclear process steam 8-78488
 Kunstmann, J.E. On the particle number conservation inherent in the diffusion approach of the Fokker-Planck equation 8-75266
 Kunstmann, J.E. The dependence of the frequency spectra of the interplanetary magnetic-field fluctuations on the direction of the mean field 8-85905
 Kunszt, Z. *see* Gnadig, P. 8-82134
 Kuntsevich, B.F. *see* Bertel', I.M. 8-74882
 Kuntz, P.J. *see* Ding, A. 8-55219
 Kuntz, P.J. *see* Kendrick, J. 8-56881
 Kuntz Falcone, P. *see* Hanson, R.K. 8-86268
 Kuntzleman, H.C., Legge, F.V., Wasson, R.L. Temperature sensing transducer 8-86264
 Kunugi, M. *see* Ota, R. 8-79658
 Kunukasseril, V.X. *see* Swamidas, A.S.J. 8-79162
 Kunwar, A.C. *see* Diehl, P. 8-91973
 Kunz, A.B., Klein, D.L. Unrestricted Hartree-Fock approach to cluster calculations. II. Interaction of cluster and environment 8-84117
 Kunz, A.B. *see* Kim, C.K. 8-72069
 Kunz, C. Synchrotron radiation as a source for photoemission 8-95677
 Kunz, C. *see* Behrend, H.-J. 8-62668
 Kunz, C. *see* Eberhardt, W. 8-62237, 8-70804, 8-76583, 8-80683
 Kunz, C. *see* Haelbich, R.-P. 8-63189
 Kunz, C. *see* Lentz, W. 8-95660
 Kunz, H.R. *see* Blurton, K.F. 8-73076
 Kunz, P.D. *see* Fielding, H.W. 8-89890
 Kunz, W. Soft magnetic NiFe alloys and their relation to metals science 8-53004
 Kunze, O.A. *see* Coppertwhaite, R.G. 8-56029
 Kunze, O.A. *see* Pistorius, C.W.F.T. 8-59792
 Kunze, R.-C. *see* Eckhardt, W.O. 8-74488
 Kunzi, H.-U. *see* Guntherodt, H.-J. 8-95280
 Kunzmann, G., Buchner, K. Conductivity measurements with a wide range of temperature compensation and linear scale 8-54399
 Kuo, A.S., Liu, H.W. An experimental and FEM study on crack opening displacement 8-68811
 Kuo, A.S. *see* Liu, H.W. 8-75109
 Kuo, C.S., Schroer, D. Mossbauer study of Dy^{3+} in CaF_2 8-64303
 Kuo, C.T.K. *see* Arsenault, R.J. 8-51541
 Kuo, J.T. *see* Mason, W.P. 8-65268
 Kuo, W.C., Mei, K.K. Numerical approximations of the Sommerfeld integral for fast convergence 8-66727
 Kuo, Y.Y. *see* Lee, W.W. 8-59665
 Kuo Da-chun The solution of a nonlinear integral equation in nuclear physics 8-74324
 Kuo Han-ying The groups of transformations and the invariants for the typical space-time (classical domains) 8-54162
 Kuo Han-Yink *see* Wu Yong-Shi 8-86459
 Kuo Ke-hsin Phases in high alloy steels and superalloys 8-95728
 Kuo Shih-Hsin *see* Shih-Hsin Kuo
 Kuo Shuo-hung *see* Lee Hua-chung 8-78096
 Kuo Shuo-Hung *see* Wu Yong-Shi 8-86419
 Kuo-Chih Chou *see* Chou Kuo-Chih
 Kuo-mei Chen, Yeung, E.S. Rovibronic two-photon transitions of symmetric top molecules 8-78762
 Kuo-Nan Liou, Freeman, K.P., Sasamori, T. Cloud and aerosol effects on the solar heating rate of the atmosphere 8-57319
 Kuo-Nan Liou *see* Feddes, R.G. 8-92925
 Kuo-shung Cheng Constraints of the Lorentz-Dirac equation 8-77736
 Kuo-Yiu Chang *see* Chang Kuo-Yiu
 Kuokshis, E. *see* Baltrameynas, R. 8-80412
 Kupalova, I.K., Shapovalov, E.T., Zektser, G.O. Anode-potential determination of tempering quality for high-speed steel 8-53139
 Kupca, S. *see* Kunkel, H.P. 8-87739
 Kupchenko, G.A. *see* Kantariya, R.V. 8-84284
 Kupchenko, G.V. *see* Nesterovich, L.N. 8-92254
 Kupchenko, L.F. *see* Kartashov, O.G. 8-87027
 Kupchenko, L.F. *see* Zil'berman, G.Ye. 8-82905
 Kuperman, A.M. *see* Gusev, V.M. 8-64989
 Kuphal, E., Schlachetzki, A., Pocker, A. Incorporation of Sn into epitaxial GaAs grown from the liquid phase 8-87883
 Kupka, H. Structural form of vibronic intensities in vibronic induced transitions 8-90145
 Kuplennikov, E.L., Gol'dshtein, V.A., Shostak, V.B., Pegushin, E.V. Investigation of quasi-elastic electron scattering in the reaction $^3He(e,e')$ 8-86528
 Kuplennikov, E.L. *see* Gol'dshtein, V.A. 8-54748
 Kupliauskiene, A.V. *see* Kupliauskis, Z.I. 8-82609
 Kupliauskis, Z.I., Kupliauskiene, A.V. Subdivision of the 2p-shell in the case of oxygen-type atoms 8-82609
 Kuppermann, A. *see* Flicker, W.M. 8-62932
 Kuppermann, A. *see* Frueholz, R.P. 8-62933
 Kuppers, D., Koenings, J., Wilson, H. Deposition of fluorine-doped silica layers from a $SiCl_4/SiF_4/O_2$ gas mixture by the plasma-CVD method 8-95699
 Kuppers, F. *see* Baumjohann, W. 8-85768
 Kuppers, H. A model for demonstrating human visual perception 8-57005
 Kuppers, J. *see* Conrad, H. 8-87871
 Kuppu Rao, V., Dey, J. A note on turbulent swirling flows 8-71337
 Kuppu Rao, V., Inderjit, M. Turbulent wall jets 8-79352
 Kuppawamy, K. *see* Bhattacharyya, J.C. 8-69743
 Kuprijanov, M.F. *see* Surowiak, Z. 8-91437
 Kuprikov, V.I., Gonchar, V.Yu., Inopin, E.V. Analysis of charge distribution in Ca isotopes 8-70747
 Kuprin, A.A. Third order aberrations of optical systems with Fresnel surfaces 8-63014
 Kuprin, S.P., Kukushkin, A.K., Tikhonov, A.N. Theoretical investigation of the process of energy migration and electron transport in the photosynthesis of higher plants. II. Theoretical results 8-64957
 Kuprin, S.P. *see* Blyumenfel'd, L.A. 8-95998
 Kuprin, S.P. *see* Fel', N.S. 8-58877
 Kupriyanov, A.K., Nikitin, S.A., Torchinova, R.S. Magnetic properties of intermetallic compounds gadolinium-yttrium-iron of the $Gd_2Y_{1-x}Fe_3$ type 8-68343
 Kupriyanov, A.K. *see* Below, K.P. 8-88199
 Kupriyanov, M.F. *see* Shilkina, L.A. 8-72768
 Kupriyanov, S.E. *see* Volchenok, V.I. 8-87512
 Kupryazhkin, A.Ya., Korolev, I.A., Bolobuev, P.V., Suetin, P.E. Isotope effect in the diffusion and solubility of H_2 and D_2 in polytetrafluoroethylene 8-79775
 Kupsch, H. *see* Nagel, M. 8-93968
 Kupschus, P.H., Meixner, C. On the evaluation of cold gas flow patterns in neutral injection systems 8-66397
 Kuptis, J.D. *see* Cuomo, J.J. 8-72663
 Kuptsis, J.D. *see* Cuomo, J.J. 8-60574
 Kuptsov, A.V. *see* Gorchakov, O.E. 8-54629
 Kuptsov, V.K. *see* Brodov, Yu.M. 8-51044
 Kuptsov, V.M. Influence of the jet temperature on the characteristics of a gas-jet sound generator 8-51025
 Kuraeva, L.N., Zolotarev, V.M. Calculation of multiple-frustrated total-internal-reflection spectra based on the layer model 8-83094
 Kuraeva, L.N. *see* Zolotarev, V.M. 8-88375
 Kurahashi, A. *see* Gotoh, T. 8-61202
 Kurak, V. Conformal invariant quantum field theory and composite field operators 8-81886
 Kurak, V. *see* Berg, B. 8-70261
 Kurakina, T.S. *see* Gusev, V.M. 8-95083
 Kurakina, T.S. *see* Guseva, M.I. 8-95087
 Kurakina, T.S. *see* Virnik, A.M. 8-94946
 Kurakina, T.S. *see* Zykova, N.M. 8-75267
 Kurakov, N.I. *see* Volkov, S.S. 8-86751
 Kuralova, A.V. *see* Devyatov, A.M. 8-67507
 Kuramata, S. *see* Fuchi, H. 8-70521
 Kuramoto, E., Kitajima, K., Hasegawa, M. Positron annihilation in niobium containing microvoids 8-88381
 Kuramoto, E. *see* Kitajima, K. 8-71760
 Kuramoto, Y. Wigner crystal, electron chain, and charge density wave in strong magnetic fields 8-60067
 Kuramoto, Y. Classical and quantum two-dimensional Wigner crystal in strong magnetic fields 8-79948
 Kuramoto, Y., Morimoto, M. Electron-hole pair condensation and liquefaction in strong magnetic fields 8-63984
 Kuramoto, Y. *see* Fukuyama, H. 8-60073
 Kuramshin, I.Ya. *see* Bashkurov, Sh.Sh. 8-76362
 Kuramshin, I.Ya. *see* Remizov, A.B. 8-52490
 Kuranishi, S., Suzuki, N. Buckling strength of obliquely stiffened plates subjected to uniform compression 8-67067
 Kuranov, N.P. Migration of salts in a porous medium allowing for their crystallisation 8-87388
 Kurasawa, T. *see* Nasu, S. 8-50253
 Kurashige, M. *see* Iwasaki, F. 8-55887
 Kurashov, V.N., Podanchuk, D.V., Chemeris, V.G. Influence of the nonlinearity of photographic materials in three-beam polarization holography 8-58952
 Kurasov, A.N. *see* Moshkevich, L.D. 8-85075
 Kurata, Y. *see* Ikawa, K. 8-60592
 Kurath, D. *see* Fortune, H.T. 8-82381
 Kurbakov, V.I. *see* Asratyan, A.E. 8-62389
 Kurbanov, K.B. *see* Shkuropatov, A.Ya. 8-53328
 Kurbanov, M.K., Rzhantsyn, V.A. Construction of a density model of the Earth's crust for western Turkmenistan 8-69303
 Kurbanov, P. Higher approximations for the viscoelasticity equations 8-87278
 Kurbatov, A.A., Popova, T.Ya., Preobrazhensky, N.G. Magnetic field effect upon maintenance of continuous optical discharge in gases 8-75396
 Kurbatov, A.L. *see* Britov, A.D. 8-50777
 Kurbatov, L.N., Froimson, I.M., Shakhidzhanov, S.S. Piezothermoelectric power of boron-doped silicon 8-56173
 Kurbatov, L.N. *see* Vlasov, A.N. 8-50802
 Kurbatov, N.G. *see* Popov, Yu.A. 8-85107
 Kurbatov, V.M., Semenov, A.S., Tsyplakov, D.P., Chernyavskii, M.M. Measuring the temperature rise in the current carrying parts of power apparatus with the aid of an infrared radiometer 8-89537
 Kurbesov, Yu.I. *see* Bardin, V.P. 8-90541
 Kurcewicz, W., Ruchowska, E., Zylcz, J., Kafrell, N., Trautmann, N. Search for the $K^* = 0^+$ excited states in ^{226}Ra fed in the α -decay of ^{230}Th 8-86504
 Kurchenko, Yu.A. *see* Blagoveshchenskiy, B.V. 8-69583
 Kurcz, E. Elektroftalm—the state and the expected development of instrument for blind 8-81073
 Kurcz, E. Heliotrop—the photoelectric set of instruments for the blind 8-81074
 Kurdyumov, O.A. *see* Gudzenko, A.I. 8-87153
 Kurdyumov, V.G. Causes of 'degeneration' of slip on planes (211) in Fe+3% Si single crystals oriented for 'anti-twinning' shear 8-80587
 Kurdyumov, V.G., Ermolaev, G.N., Konyaev, Yu.S. Plastic deformation of Fe-3% Si single crystals under hydrostatic pressure 8-56695
 Kurenbin, O.I., Vilenchik, L.Z., Gotlib, Yu.Ya., Belen'kii, B.G. Gel-penetrating chromatography of interacting multicomponent systems. I. Study of the isomerization of proteins by the method of gel-penetrating chromatography. II. Technique of determining the kinetic constants of isomerization 8-68951
 Kurenbin, O.I. *see* Vilenchik, L.Z. 8-68950
 Kurenkeev, T.B. *see* Filipchenko, A.S. 8-84644
 Kurfess, J.D. *see* Kinzer, R.L. 8-54096
 Kurginyan, S.Ye. *see* Svetov, B.S. 8-61581
 Kurguzov, V.V. *see* Bondarenko, L.N. 8-93879
 Kuriakose, V.C. *see* Joseph, K.B. 8-78095
 Kurian, J., Slesar, M. Contribution to the laws of Widmanstätten structure formation 8-84817
 Kuriata, J. *see* Guskos, N. 8-72404
 Kuriyayashi, K., Kishi, T. Acoustic emission behavior in Al-Mg solid solution 8-64592
 Kurihara, A. *see* Sugawara, M. 8-74515
 Kurihara, M. *see* Kawahara, M. 8-68803
 Kurihara, O., Nakane, R. Isotope separation by low-temperature exchange. IV. The $BF_3 \cdot SO_2$ system for boron-10 8-55251
 Kurihara, S. Collective-mode conductivity of TTF-TCNQ in the metallic phase 8-64031
 Kurihara, Y. *see* Tuleya, R.E. 8-81308
 Kurik, M.V. *see* Gnatenko, Yu.P. 8-72557
 Kurik, M.V. *see* Kilendritskii, D.D. 8-56521
 Kurik, M.V. *see* Kolendritskii, D.D. 8-80416
 Kuriki, K. *see* Makita, H. 8-55749, 8-83616
 Kurilenko, O.D. *see* Mank, V.V. 8-76979
 Kurilo, I.V. The velocity and activation energy of creep in CdTe and HgTe crystals 8-56716
 Kurilo, Yu.P. *see* Andrievskaya, N.F. 8-76596
 Kurilov, V.F. *see* Gurevich, L.I. 8-59817
 Kurilyak, I.I. *see* Yukhnovskii, I.R. 8-66707
 Kurimoto, A., Aked, A., Tedford, D.J. Impulse discharge characteristics of long, non-uniform field gaps in SF_6 /air mixtures 8-67572
 Kurimoto, A., Aked, A., Tedford, D.J. Prediction of the critical pressure in positive point/plane V_{50} Vc/pressure characteristics in air and SF_6 8-87583
 Kurimoto, A., Farish, O., Tedford, D.J. Schlieren studies of impulse breakdown in air gaps 8-87518

- Kurimoto, K.**, Watanabe, N., Takechi, H. Whistler observation system and characteristics of recently observed whistlers 8-93031
- Kurin, A.F.** see Zhuchkov, M.V. 8-74822
- Kurin, V.V.**, Permin, G.V., Petrukhina, V.I. A nonlinear stage of three wave interaction in a finite plasma 8-75356
- Kurioka, T.** see Michida, S. 8-63339, 8-63340
- Kurioka, Y.** see Takebayashi, M. 8-92752
- Kurioka, Y.** see Tonoike, M. 8-92661
- Kurisu, A.** see Kumatori, T. 8-53514
- Kurita, K.** see Wakabayashi, K. 8-51395
- Kurita, M.** Statistical study on improvement in precision in X-ray stress measurement by fixed time method (standard deviation of stress due to statistical fluctuations in diffracted intensities) 8-90801
- Kurita, S.**, Kobayashi, K. Optical absorption of indirect exciton in AgCl and AgBr in high magnetic field 8-60486
- Kurita, S.** see Suda, T. 8-56180
- Kuritsyn, B.A.** see Voronov, V.V. 8-49904
- Kurittu, J.** see Merisalo, M. 8-67614
- Kuriyama, A.** A remark on time-dependent Hartree-Fock and functional approaches 8-93957
- Kuriyama, I.**, Hayakawa, N., Nakase, Y., Kawawata, S., Ogura, J., Kasai, K., Onishi, T. Radiation resistance of cable insulating materials for nuclear power generating stations 8-59835
- Kuriyama, I.** see Arai, H. 8-92475
- Kuriyama, I.** see Fujimura, T. 8-91957
- Kuriyama, I.** see Mori, Y. 8-91021
- Kuriyan, J.G.**, Mitra, S.K., Ueyoshi, K. Heating due to the 9.6 μ m ozone band in an inhomogeneous atmosphere—a new approximation 8-88918
- Kuriyan, M.** see Wai-Tak Ma 8-62737
- Kurki-Suonio, K.** Symmetry and its implications 8-71694
- Kurki-Suonio, K.** Charge deformation models 8-71695
- Kurki-Suonio, K.** see Vidal-Valat, G. 8-79566
- Kurkin, A.S.** see Vinokurov, V.A. 8-56830
- Kurkin, I.N.**, Shlenkin, V.I. Phase relaxation of Er^{3+} ions in CaWO_4 single crystals 8-68375
- Kurkin, I.N.** see Brunner, W. 8-80208
- Kurkin, Yu.P.** see Brandt, N.B. 8-49848
- Kurkjian, C.R.**, Paek, U.C. Effect of drawing tension on residual stresses in clad glass fibers 8-64554
- Kurkjian, C.R.** see Mims, W.B. 8-84479
- Kurkjian, C.R.** see Peterson, G.E. 8-88198
- Kurkutova, E.N.** see Potekhin, K.A. 8-51528
- Kurland, C.G.** The role of guanine nucleotides in protein biosynthesis 8-68982
- Kurland, I.J.**, Bertoni, H.L. Birefringent prism couplers for thin-film optical waveguides 8-55468
- Kurlandzki, J.** The action functional in distribution spaces. I. The generalized Parseval equation 8-54204
- Kurlandzki, J.** The action functional in distribution spaces. II. The generalized Fourier transformation 8-54205
- Kurlandzki, J.** The action functional in distribution spaces. III. The generalized solution of the Euler-Lagrange equations 8-54206
- Kurlandzki, J.** The action functional in distribution spaces. IV. The extension of the action principle 8-54207
- Kurmaev, E.Z.** see Gubanov, V.A. 8-64442
- Kurmashev, Sh.D.** see Vikulin, I.M. 8-72263
- Kurnosov, I.V.**, Kramarenko, N.L. Transient electrodynamic instability in a cholesteric liquid crystal with positive anisotropic dielectric permeability 8-51418
- Kurnosov, I.V.** see Kramarenko, N.L. 8-91244
- Kurochka, L.N.**, Ostapenko, V.A. Optical thicknesses and degree of ionization of hydrogen in chromospheric flares of various importances 8-73694
- Kurochka, L.N.**, Ribko, L.B. The last observable line in hydrogen emission spectrum 8-77536
- Kurochkin, A.P.** see Vysotskii, A.V. 8-73964
- Kurochkin, E.P.** see Kulikovskii, K.L. 8-77934
- Kurochkin, L.A.** see Sirota, N.N. 8-72416
- Kurochkin, V.I.** see Galkin, A.A. 8-53115, 8-86311
- Kurochkin, Yu.A.** see Bogush, A.A. 8-62076
- Kurochkina, R.I.** The effect of the focal mechanism on the dispersion of $(A/T)_{\text{max}}$ values of a P-wave and on magnitudes estimated from longitudinal waves 8-73318
- Kuroda, E.**, Matsuda, M., Maki, M. Growth and characterization of silicon ribbon crystals grown with wetting and non-wetting dies 8-76598
- Kuroda, E.** see Ogasahara, Y. 8-69133
- Kuroda, H.** see Fukuda, S. 8-66956
- Kuroda, K.**, Tomokiyo, Y., Eguchi, T. Critical voltage effect in Cu-Al and Cu-Au alloys 8-91206
- Kuroda, K.** see Kondo, J. 8-51959
- Kuroda, M.** see Bing-Lin Young 8-82187
- Kuroda, P.K.**, Daniel, P.Y., Nevissi, A., Beck, J.N., Meason, J.L. Atmospheric residence times of strontium-90 and lead-210 8-85396
- Kuroda, R.**, Mason, S.F., Rodger, C.D., Seal, R.H. A stereochemical basis for chiral discriminations: the extended transition monopole model 8-74725
- Kuroda, S.**, Motokawa, M., Date, M. SH^3 term in the submillimeter electron spin resonance of cobalt Tutton salt 8-64264
- Kuroda, T.**, Uchiyama, T. Energy-independent component in high-energy pp elastic scattering 8-66156
- Kuroda, T.**, Yamashita, S., Nakamura, M., Umeda, J. Channelled-substrate-planar structure distributed-feedback semiconductor lasers 8-79032
- Kuroda, T.** see Kikuta, Y. 8-52960
- Kuroda, T.** see Muto, K. 8-58328
- Kuroda, T.** see Ohno, Y. 8-80460
- Kuroda, Y.**, Makino, A. Some problem arising in distributed parameter reactor systems 8-54859
- Kuroda, Y.**, Yamaguchi, M. Consideration on the coherence functions of at-power reactor noise 8-94070
- Kuroha, T.** see Yoshida, K. 8-68667
- Kurokawa, M.** see Mori, H. 8-80848
- Kurokawa, Y.** see Kitahara, Y. 8-55044
- Kuroki, H.**, Matsuda, H., Eguchi, T. A study of the 550°C-change in ordered FeCo alloy through electrical resistivity and specific heat measurements 8-56633
- Kuroki, K.** see Sato, T. 8-91887
- Kurokova, Z.V.** see Avdeyeva, O.S. 8-68992
- Kurosawa, A.** see Tenner, R. 8-73200
- Kurosawa, K.** see Honda, T. 8-87804
- Kurosawa, R.** see Kitahara, Y. 8-55044
- Kurosawa, T.**, Nagahashi, S. On Gunn instability in two-dimensional semiconductors 8-84305
- Kurosu, T.** see Shiraishi, T. 8-80078
- Kurowska, A.** Theory of free carrier absorption in mixed semiconductors with composition fluctuations 8-64387
- Kuroyanagi, O.** see Oda, J. 8-88514
- Kurozaev, V.P.**, Stevlev, Yu.I., Shaternikov, V.E. Influence of part geometry on the results of their inspection by eddy-current transducers 8-53078
- Kurozaev, V.P.** see Klyuev, V.V. 8-53092
- Kurozaev, V.P.** see Vladimirov, L.V. 8-95893
- Kurreck, H.** see Lubitz, W. 8-94266
- Kurskov, A.A.**, Ozernoy, L.M. Angular fluctuations of relict radiation produced by cosmological turbulence 8-77630
- Kurl, V.G.**, Logachev, Y.I., Stolpovskii, V.G., Pissarenko, N.F., Gros, M., Raviart, A., Trieger, L., Gombosi, T. Analysis of energetic particle events following solar flares of September 24 and November 22 1977 8-77446
- Kurt, V.G.** see Bertaux, J.L. 8-93136
- Kurt, V.G.** see Novikova, G.V. 8-54079
- Kurt, V.G.** see Zel'dovich, M.A. 8-69769
- Kurtenok, L.F.**, Movchan, E.A., Sarbey, O.G., Mitin, V.V., Asche, M. Static high field domains in n-Si 8-84223
- Kurti, J.**, Nagy, P. Rolling coin 8-73837
- Kurtkaya, E.** see Ehrl, A. 8-64854
- Kurtsman, E.D.**, Suvorov, L.Ya. Crystallizer for growing single crystals from solutions with precision control of supersaturation 8-80465
- Kurtsman, E.D.**, Suvorov, L.Ya., Ersler, B.V. Pool boiling of water heated by distributed internal heat sources 8-90685
- Kurtz, H.A.**, Jordan, K.D. Ab initio study of the positron affinity of LiH 8-82870
- Kurtz, H.A.**, Ohm, Y. On the calculation of electron binding energies 8-86768
- Kurtz, L.A.**, Smith, R.E., Parks, C.L., Boney, L.R. A comparison of the Method of Lines to finite difference techniques in solving time-dependent partial differential equations 8-79291
- Kurucsev, T.** see Bott, C.C. 8-58742
- Kurucz, R.L.** see Relyea, L.J. 8-85930
- Kurumchina, S.Kh.** see Kagan, G.E. 8-68681
- Kurup, P.G.** see Gouveia, A.D. 8-81219
- Kurutac, M.** Fourier analysis of the light curves of eclipsing binaries in the case of transit eclipses, with application to the eclipsing system YY Cassiopeiae 8-96506
- Kurutz, M.** Computer calculation of frameworks composed of thin-walled open sections 8-51059
- Kuruvilla Verghese** see Causey, R.A. 8-79816
- Kurylo, M.J.** The central role of chemical kinetics research in atmospheric modeling and environmental regulation 8-92902
- Kurylo, M.J.** Flash photolysis resonance fluorescence investigation of the reaction of OH radicals with dimethyl sulfide 8-95913
- Kurylo, M.J.** Flash photolysis resonance fluorescence investigation of the reactions of OH radicals with OCS and CS₂ 8-95914
- Kuryshv, G.L.** see Guzev, A.A. 8-95379, 8-95380
- Kuryshkin, V.V.** see Zaporovannyi, Yu.I. 8-49695
- Kurz, H.** Lithium niobate as a material for holographic information storage 8-55321
- Kurz, H.** Turbulent diffusion in an atmospheric boundary layer with Rossby-number-similarity 8-92896
- Kurz, J.L.** The relationship of barrier shape to 'linear' free energy slopes and curvatures 8-80713
- Kurz, M.** On the quick change of the weather activity of moving frontal systems 8-85659
- Kurze, H.J.** see Oertel, B. 8-84717
- Kurzynski, M.** Structural phase transitions involving changes in spin and valency. A theory of the three phase transitions of LaCoO_3 . II 8-79765
- Kus, F.W.** On the T_c of dilute alloys 8-72300
- Kus, F.W.** Some transport properties of dilute copper and silver alloys 8-76046
- Kus, S.** see Maness, J.H. 8-57132
- Kusaba, N.** see Tokunaga, Y. 8-84998
- Kusae, Yu.I.**, Sidorov, N.S., Smirnov, N.V. Zone sublimation of NiCl_2 8-52664
- Kusainov, Zh.A.** see Tamendarov, M.F. 8-55898
- Kusaka, Y.**, Masuda, T., Ikeda, S., Honda, T. Experimental investigation of cold wall type generating channel by using 1 MW class MHD generation. I 8-55756
- Kusaka, Y.**, Masuda, T., Ikeda, S., Honda, T. Experimental investigation of cold wall type generating channel by using 1 MW class MHD generator. II 8-59688
- Kusakabe, C.** Suppression of spurious responses of a flexural piezoelectric bimorph vibrator 8-59233
- Kusakabe, C.** Suppression of spurious responses of a flexural piezoelectric vibrator with split-electrode 8-83204
- Kusanagi, H.**, Takase, M., Chatani, Y., Takokoro, H. Crystal structure of isotactic poly(4-methyl-1-pentene) 8-67663
- Kusao, K.**, Yoshioka, Y., Konishi, F. Use of SIMS to determine pure and oxidized elements in a solid surface 8-85247
- Kusba, J.** see Ketskemet, I. 8-84621
- Kuscer, I.**, Vidav, I., Boley, C.D. Role of the Wiener-Khinchin theorem in statistical mechanics 8-57851
- Kusch, P.**, Hessel, M.M. An analysis of the $\text{B}^1\Pi_u - \text{X}^1\Sigma_g^+$ band system of Na_2 8-62837
- Kushelevsky, A.P.** Fiberoptic light guides for phototesting in dermatological photobiology 8-53472
- Kushelevsky, A.P.** see Eytan, G. 8-87517
- Kushick, J.N.** see Wijeyesekera, S.D. 8-71659
- Kushida, H.** A new method for embedding with GMA and Quetol 523 for electron microscopic observations on semi-thin sections for light micrBscopy 8-53588
- Kushida, H.** Handling of semi-thin sections of GMA-Quetol 523 embedded tissue for light and electron microscopy with special reference to osmium tetroxide vapor staining 8-92766
- Kushida, H.** Ultraviolet polymerization of GMA-Quetol 523 in embedding procedure 8-92767
- Kushida, T.** see Ojima, M. 8-52548, 8-92109
- Kushida, T.** see Tanaka, Y. 8-66866
- Kushima, H.** see Takahashi, M. 8-88437
- Kushin, V.V.** see Aleksandrov, A.A. 8-83620
- Kushiro, Y.** see Mimura, Y. 8-60323
- Kushlak, D.I.** see Zhuk, I.T. 8-73002
- Kushlyansky, O.A.**, Nastyukha, A.I. A new form of the hollow cathode glow discharge with the gas flow 8-67532
- Kushnarenko, V.M.** see Kozlov, E.V. 8-64532
- Kushner, L.B.**, Fridlyander, I.N., Shiryayeva, N.V., Novikova, E.A. Heat treatment of semifinished products of alloy 01420 before cold deformation 8-84873
- Kushnir, M.P.** see Suntsov, N.V. 8-92504
- Kushnir, V.M.** see Paramonov, A.N. 8-81439, 8-85725
- Kushnir, Yu.A.** see Kosvintsev, Yu.Yu. 8-78542
- Kushnir, Ya.I.** see Tal'yanskii, E.B. 8-60144
- Kushnirenko, A.M.** see Gogotsi, G.A. 8-84997
- Kushnirenko, I.Ya.**, Pervak, Yu.A. Absorption spectra of anions ReO_4^- , MoO_4^{2-} and CrO_4^{2-} in the aqueous solutions of halide salts 8-60499
- Kushniruk, V.F.**, Kharitonov, Yu.P. Study of surface-barrier detectors in a xenon ion beam 8-78571
- Kushniruk, V.F.**, Maslova, L.V., Matveev, O.A., Ponomarev, V.S., Ryvkin, S.M., Terent'ev, A.I., Kharitonov, Yu.P., Khusainov, A.Kh. X-ray detectors based on cadmium telluride 8-86745
- Kushwaha, M.S.**, Kushwaha, S.S. Unpaired elastic force model in the lattice dynamical study of rare gas solids 8-63820
- Kushwaha, S.S.** see Kushwaha, M.S. 8-63820
- Kushwaha, S.S.** see Mishra, S.K. 8-95123
- Kusimov, S.T.** see Achil'deva, E.S. 8-53151
- Kuskov, A.M.** On the strength of elastic-liquid systems 8-51085
- Kuskov, V.I.** see Treushnikov, E.N. 8-67699, 8-95035
- Kuslitskii, A.B.** see Karpenko, G.V. 8-92296

- Kusminski, A.S.**, Fedossejewa, T.S., Mironow, J.I., Kaplunow, M.Ja. Investigation of continuous radiation-vulcanisation of elastometers 8-92231
- Kusnetsov, S.I.** see Sointzev, G.S. 8-63630
- Kusnierz, J.** Fracture in textured thin brass specimens 8-60816
- Kuss, E.** The design of a high-pressure viscometer for temperatures up to 300°C 8-59515
- Kuss, E.** pVT-data and viscosity-pressure behavior of MBBA and EBBA 8-94989
- Kusse, B.R.** see Lockner, T.R. 8-63572
- Kusters, J.A.** see Adams, C.A. 8-59248
- Kustom, R.L.**, Wehrle, R.B., Smith, R.P., Fuja, R.E. Argonne National Laboratory energy storage and transfer experimental program 8-55031
- Kustom, R.L.** see Brooks, J.N. 8-54954, 8-54955
- Kustom, R.L.** see Wang, S.-T. 8-62634
- Kustov, E.F.** see Baranov, M.N. 8-51949, 8-84175
- Kustov, V.E.** see Bugai, A.A. 8-72402
- Kusuda, K.** see Kawaji, S. 8-60219
- Kusuda, K.** see Yagi, A. 8-60220
- Kusuda, T.** Fundamentals of building heat transfer 8-90628
- Kusuda, T.** see Ideshita, T. 8-68318
- Kusunoki, K.**, Nishikawa, S. Impurity diffusion of Co in Pb 8-91488
- Kusunoki, M.** The quantum theory of transient resonance Raman scattering and its application to a strongly coupled localized electron-phonon system 8-94412
- Kusunose, H.** see Kawamura, J. 8-84753
- Kuswa, G.W.** see Chang, J. 8-51358
- Kusy, A.** Theoretical problems of $1/f$ noise 8-91737
- Kusy, R.P.**, Katz, M.J. Structure-property relationship between molecular weight and fracture surface energy in a glassy organic polymer 8-80633
- Kutac, K.J.**, Kewish, R.W., Jr., Miller, G., Gribble, R.F., Cantrell, E.L. Final analysis of the engineering data on the Scyllac feedback stabilization experiment 8-54887
- Kutac, K.J.** see Bartsch, R.R. 8-75404
- Kutanda, Y.** see Hasebe, N. 8-55588
- Kutasov, I.M.**, Balobaev, V.T., Demchenko, R.Ya. Method of 'joining' of solutions in the determination of a plane and a cylindrical phase interface in the Stefan problem 8-83233
- Kutateladze, K.S.**, Sarukhanshvi, A.V., Gamba-shidze, N.N., Chubinidze, S.D. Glass-forming and some physicochemical properties of glasses in the $\text{R}_2\text{O}-\text{MnO}-\text{B}_2\text{O}_3$ system 8-63678
- Kutateladze, S.S.**, Khabakhpasheva, E.M., Perepelitsa, B.V. Temperature pulsations in a viscous sublayer 8-94712
- Kutateladze, S.S.**, Lutset, M.O., Lvovsky, Yu.M. Normal zone propagation in a superconductor carrying time-dependent current 8-84346
- Kutateladze, S.S.**, Malenkov, I.G. Boiling and bubbling heat transfer under the conditions of free and forced convection 8-90637
- Kutcherenko, I.V.** see Vodopyanov, L.K. 8-79699
- Kuteeva, T.M.** see Yarisynya, I.A. 8-74524
- Kuten, S.A.** see Baryshevsky, V.G. 8-90072
- Kut'nenkov, V.A.** see Ivanov, V.K. 8-95820
- Kutepov, A.A.** see Shved, G.M. 8-88914
- Kuti, J.** Quark confinement and the quark model 8-82162
- Kuti, J.** see Gnadig, P. 8-82134
- Kuti, J.** see Hasenfratz, P. 8-50008
- Kutko, R.J.** Ellipsometry for semiconductor process control 8-49887
- Kutler, P.** see Daywitt, J. 8-71367
- Kutner, F.** see Lowschenko, F. 8-64509
- Kutner, M.L.** Application of a two-layer atmospheric model to the calibration of millimeter observations 8-53691
- Kutner, M.L.** see Tucker, K.D. 8-65664
- Kutner, R.**, Sosnowska, I., Kley, W. Next-neighbour jumps of hydrogen in quasi-elastic neutron scattering from α -PdH₃ 8-91487
- Kutnyi, A.M.** see Balenko, V.G. 8-88783
- Kutoglu, A.** see Scheringer, C. 8-55782, 8-75487
- Kutorga, N.N.** see Gorskho, B.M. 8-82543
- Kuts, P.S.** External heat transfer-calculation methods and moist material drying kinetics 8-59467
- Kuts, P.S.**, Olshanskii, A.I. Some features of heat and moisture transfer and approximate methods of calculating the drying kinetics of moist materials 8-55555
- Kuts, P.S.**, Ol'shanskii, A.I., Brom, E.L. Dependence of the temperature coefficient of drying on the heat- and mass-transfer similarity criteria for various values of the heat-transfer Biot number 8-83214
- Kuts, P.S.** see Mar'enko, V.V. 8-72394
- Kutsaev, A.S.** Motion of low-density gas bodies in the atmosphere 8-77376
- Kutsak, A.A.**, Kruglik, G.S. A quasiclassical equation of motion of a ring laser which takes into account spontaneous emission processes in the generation channel 8-90434
- Kutschej, R.**, Stuwe, H.P. The plastic deformation of the eutectic Pb-Sn alloy 8-92279
- Kutschera, J.**, Dudeck, J., Jaenecke, P., Heppner, H.-D., Barthel, G., Strachotta, W. Some thoughts about improving the diagnostic capabilities of a small stand-alone ECG evaluation system 8-88761
- Kutschera, W.** Elastic behavior of thin elastic springs of constant cross section 8-87269
- Kutschera, W.** see Maier, R. 8-90008
- Kutscherski, A.M.** see Bartenew, G.M. 8-92291
- Kutsidi, N.K.** see Abesalashvili, L.N. 8-82227
- Kutsuwada, M.** see Kinoshita, C. 8-63756
- Kutterer, G.**, Lang, G., Panzer, W., Schatzl, M., Schott, O. A test phantom for the measurement of physical parameters in direct X-radiography 8-57068
- Kuttner, H.G.**, Selzle, H.L., Schlag, E.W. The influence of weak magnetic fields on radiationless processes 8-78743
- Kuttner, P.** Remarks on the accuracy of spectral response matching for MTF measurements 8-50721
- Kuttner, P.** Review of German standards on image assessment 8-50724
- Kuttner, P.** Review of German standards on image assessment 8-58926
- Kutty, T.R.N.** see Viswanathiah, M.N. 8-91283
- Kutukov, V.B.**, Ostrovskii, Yu.K., Yalamov, Yu.I. Nonlinear scattering of laser radiation by an absorbing particle moving in a gas 8-66875
- Kutukov, V.B.** see Yalamov, Yu.I. 8-79364
- Kutvitskii, V.A.**, Kiselev, V.B., Skorikov, V.M. Magnetic susceptibility of intermetallic systems 8-52202
- Kutzelnigg, W.** One-term approximations to oscillator strength sums 8-66509
- Kutzelnigg, W.**, Maeder, F. Natural states of interacting systems and their use for the calculation of intermolecular forces. I. General theory of the natural states of interacting systems 8-82807
- Kutzelnigg, W.** see Maeder, F. 8-86930
- Kuus, H.** see Adam, J. 8-71473
- Kuusk, P.** Radiation of a freely gravitating charge in the field of a weak plane gravitational wave 8-89381
- Kuusmann, I.L.** see Lushchik, Ch.B. 8-72574
- Kuusmann, I.L.** see Lushchik, Ch.V. 8-72575
- Kuvatot, O.T.** see Azimov, S.A. 8-54655
- Kuvshinov, G.A.** see Tutova, E.G. 8-55677
- Kuvshinov, V.M.** see Bukach, A.B. 8-65500
- Kuwabara, G.** see Fujimori, A. 8-92051, 8-92053
- Kuwabara, G.** see Tanaka, M. 8-84606
- Kuwabara, K.**, Takahashi, T. Potassium ion conduction in the β -alumina type compound $\text{K}_2\text{O} \cdot (5-x)\text{Ga}_2\text{O}_3 \cdot x\text{Fe}_2\text{O}_3$ 8-83998
- Kuwabara, K.** see Takahashi, T. 8-67856
- Kuwabara, M.**, Hayashi, M., Yoshii, G. Protein damages in irradiated deoxyribonucleoprotein 8-53338
- Kuwahara, H.** see Nishi, H. 8-66829
- Kuwahara, K.** Study of flow past a circular cylinder by an inviscid model 8-75149
- Kuwahara, S.** see Tachikawa, J. 8-58396
- Kuwamoto, H.**, Robinson, W.R., Honig, J.M. Magnetic structure of the low temperature antiferromagnetic phase of V_2O_5 8-52213
- Kuwano, S.** Influence of applied stress on stress corrosion cracking of austenitic stainless steel 8-92400
- Kuwano, S.** see Namba, S. 8-83170
- Kuwano, Y.** Applications of surface acoustic wave filter to TV receiver 8-71247
- Kuwano, Y.** Refractive indices of YAlO_3 :Nd 8-80311
- Kuwata, H.** see Inagaki, T. 8-63006
- Kuwata, K.** see Kasai, T. 8-64843
- Kux, J.**, Zeiske, E., Melinkat, R. Measurement of flow velocity at the nares of the olfactory organ of fishes with a laser-velocimeter 8-69262
- Kuyatt, C.E.** Systematic transformations of the asymptotic aberration coefficients of round electrostatic lenses. I 8-74828
- Kuyatt, C.E.** see Galejs, A. 8-74832
- Kuyt, G.** see Khoe, G.K. 8-94435
- Kuzay, T.M.** Analytic derivation of static pressure distribution in fully developed helical flows 8-94748
- Kuze, E.** see Muta, K. 8-56461
- Kuze, E.** see Takezoe, H. 8-75812
- Kuzelev, M.V.**, Liperovskaya, E.V., Rukhadze, A.A. Numerical analyses of the electromagnetic wave frequency spectra in a plasma waveguide 8-59605
- Kuzelka, V.** Spacers for fuel elements as structural anisotropic plates composed of cylindrical shells 8-89940
- Kuzema, A.S.**, Zinchenko, N.S., Savin, O.R. Radial focusing of an ion beam in a magnetic analyzer with an inhomogeneous field and an electrostatic lens 8-78895
- Kuzemko, A.M.** see Chmyr', G.I. 8-63443
- Kuzemskaya, I.G.** see Evdokimova, V.V. 8-49858
- Kuzenko, M.**, Kraemer, U. Determination of the mixing ratio of various blends of low-pressure and high-pressure polyethylene by thermo-optical analysis 8-53070
- Kuzhevskii, B.M.** see Kovrizhnykh, O.M. 8-77445
- Kuzin, N.N.** see Sadkov, Yu.A. 8-49856
- Kuzina, F.D.** see Tkachuk, R. 8-90464
- Kuzinov, V.A.** Effect of linear acceleration on the stability of a dynamically tuned precision gyroscope 8-62193
- Kuzivanov, S.V.** see Vorontsova, Ye.A. 8-57340
- Kuzivanov, V.A.** see Vorontsova, Ye.A. 8-57340
- Kuz'ma, Yu.B.**, Bilonizhko, N.S. Crystal structure of the NdCo_4B_4 compound and its analogues 8-91320
- Kuz'ma, Yu.B.** see Korsukova, M.M. 8-79596
- Kuzmany, H.**, Kundu, B., Stolz, H.J. Raman scattering in one-dimensional organic conductors 8-80355
- Kuzmany, H.** see Kableka, H. 8-59909
- Kuzmany, H.** see Singh, S.P. 8-83203
- Kuz'menko, A.V.** see Vasil'ev, A.N. 8-62325
- Kuzmenko, N.E.** see Smirnov, A.D. 8-74642
- Kuz'menko, V.M.**, Mel'nikov, V.I., Sudovtsov, A.I. On the superconductivity of amorphous vanadium films 8-72301
- Kuz'menkov, L.S.**, Polyakov, P.A. Hydrodynamic model of waves in a relativistic plasma taking into account bremsstrahlung radiation 8-79434
- Kuz'menkov, L.S.**, Polyakov, P.A., Podosenov, P.B. On the calculation of averages in an equilibrium system of relativistic gravitating particles with cylindrical symmetry 8-73904
- Kuz'michev, V.E.**, Kharchenko, V.F. Integral equations for three particles in the boundary condition model 8-54248
- Kuz'michev, V.M.** see Zadorozhnyi, V.I. 8-68021
- Kuz'michev, V.N.** Structure of digital thermal field analyzers 8-82034
- Kuz'min, A.A.** see Lantukh, V.M. 8-92427
- Kuz'min, A.F.** Motion of a charged particle in a constant magnetic field and an orthogonal sinusoidal electric field 8-50687
- Kuz'min, A.I.** see Gavril'yev, A.I. 8-69626
- Kuzmin, A.I.** see Krivoshapkin, P.A. 8-69622
- Kuzmin, A.K.** see Asinovsky, E.I. 8-87551
- Kuz'min, A.M.** see Busalov, Yu.E. 8-95796
- Kuz'min, A.N.** see Boyarskaya, Yu.S. 8-51538
- Kuz'min, E.V.**, Ovchinnikov, S.G. Electronic properties of transition metal dioxides 8-67934
- Kuz'min, E.V.**, Ovchinnikov, S.G. Electron correlations in a Hubbard antiferromagnetic semiconductor. Weak coupling 8-67969
- Kuz'min, E.V.**, Petrakovskii, G.A. Amorphization of Heisenberg magnets 8-80118
- Kuz'min, G.A.** Investigation of the spectral characteristics of exactly compensated germanium in the impurity absorption region 8-56189
- Kuz'min, G.I.**, Fundeman, M.O., Leonov, S.V., Sergeev, Yu.A. A hermetically sealed valve for the safety systems of a nuclear power station 8-89952
- Kuz'min, G.P.** see Voronov, V.V. 8-49904
- Kuz'min, I.A.** see Smolenskii, G.A. 8-68055
- Kuz'min, L.A.** see Gordeev, V.A. 8-52416
- Kuzmin, L.A.** see Kravtsov, A.V. 8-93902
- Kuz'min, L.S.** see Likharev, K.K. 8-88084
- Kuz'min, M.V.** Excitation of vibrations in molecules by varying the intensity of a laser pulse 8-86844
- Kuzmin, R.N.** see Gendler, T.S. 8-61420
- Kuz'min, R.N.** see Kolpakov, A.V. 8-67677
- Kuz'min, S.L.**, Likhachev, V.A., Naumova, T.S., Rybin, V.V. Investigation of anomalous elasticity and transformation plasticity in a MnCuAl alloy under torsion 8-75834
- Kuz'min, S.N.** see Pankov, B.V. 8-60911
- Kuz'min, V.A.**, Shaposhnikov, M.E. Condensation of photons in hot Universe and longitudinal relic radiation 8-65734
- Kuz'min, V.A.** see Dul'nev, G.N. 8-59275
- Kuzmin, V.A.** see Ignatiev, A.Yu. 8-66072
- Kuz'min, V.A.** see Pilipenko, N.V. 8-86273
- Kuz'min, V.I.** see Tsykanov, V.A. 8-86582
- Kuz'min, V.L.** Elimination of divergencies in the problem of scattering of a beam of particles by a medium 8-62320
- Kuz'min, V.L.** Removal of divergences in diagram expansions for systems with Coulomb interaction 8-73056
- Kuz'min, V.L.**, Rusanov, A.I. The electric double layer at the surface of polar liquids 8-53212
- Kuz'min, V.L.** see Rusanov, A.I. 8-51791
- Kuz'min, V.S.** see Buinov, N.S. 8-71069
- Kuz'min, V.S.** see Nagibarov, V.R. 8-71806
- Kuz'min, V.V.** New method of calibrating low-pressure manometers 8-74015

- Kuz'mina, L.I. see Gurvich, A.K. 8-53089
 Kuz'mina, L.M. see Kovalenko, N.P. 8-91299
 Kuz'mina, N.P. see Knyazev, I.N. 8-73041
 Kuz'mina, N.P. see Veynberg, V.B. 8-71219
 Kuzmina, V.A. see Vatulov, V.N. 8-51453
 Kuz'mina, V.I. see Drits, M.E. 8-80515
 Kuzminikh, V.A. see Plotnikov, S.V. 8-84646
 Kuz'minov, E.G. see Pisarev, R.V. 8-76441
 Kuz'minov, Yu.S. see Dorozhkin, L.M. 8-59078
 Kuz'minov, Yu.S. see Gorelik, V.S. 8-72524
 Kuz'minov, Yu.S. see Vaivod, P.A. 8-68466
 Kuz'minov, Yu.S. see Voronov, V.V. 8-49904, 8-88271
 Kuz'minskaya, L.N. see Il'ina, V.P. 8-84986
 Kuzminskii, H. Methods of meteor observations 8-61750
 Kuz'minskii, F.A. see Brylev, I.S. 8-53772
 Kuznetchikov, V.A., Konstantinov, E.N., Serafimov, L.A. Comparison of methods of describing mass transfer in multicomponent mixtures 8-65887
 Kuznecova, M.J. see Adam, J. 8-74377
 Kuznetsov, A. see Gross, D. 8-70410
 Kuznetsov, A. see Seman, V. 8-91946
 Kuznetsov, A.A. see Dombeck, T. 8-82255
 Kuznetsov, A.A. see Orlova, L.A. 8-71168
 Kuznetsov, A.I. see Abramov, V.N. 8-84605
 Kuznetsov, A.I. see Andreev, A.I. 8-82059
 Kuznetsov, A.I. see Godik, E.E. 8-50935
 Kuznetsov, A.N., Kharakonycheva, N.V., Ogurtsov, S.I. Investigation of the adsorption of non-paramagnetic compounds on proteins by the method of the spin probe 8-65153
 Kuznetsov, A.N., Petukhov, Yu.M. The influence of transverse linearly polarized [RF] fields on characteristics of parametric resonator lines 8-82883
 Kuznetsov, A.P. see Gringauz, G.D. 8-80570
 Kuznetsov, A.S. see Azhgirei, L.S. 8-78394
 Kuznetsov, A.S. see Azhgirei, L.S. 8-89727, 8-89887
 Kuznetsov, A.V. see Karpenko, B.V. 8-56283
 Kuznetsov, A.Ya. Problems in the area of optical coatings 8-83069
 Kuznetsov, E.A. Solitons in a parametrically unstable plasma 8-63563
 Kuznetsov, E.A. On the solitons in parametrically unstable plasma 8-75324
 Kuznetsov, E.A., Mikhailov, A.V. On the complete integrability of the two-dimensional classical thirring model 8-49685
 Kuznetsov, E.A., Noskov, N.N. Polarization effects on stimulated scattering on electromagnetic waves 8-79440
 Kuznetsov, E.N., Fel'dberg, S.M., Chernetsov, K.N. Passive value parameter transducer with error correction 8-49819
 Kuznetsov, E.P. see Baranov, D.S. 8-62390
 Kuznetsov, L.L., Bukker, Yu.M., Sokolova, L.B. Device for scanning a laser beam at a fixed frequency 8-59135
 Kuznetsov, Ju.N., Kalinin, W.I., Naumov, M.A. Forced convection in annuli and rod bundles with variable heat flux distribution 8-94082
 Kuznetsov, N.A., Roganova, Z.A., Smolyanskii, A.L. Hydrogen bonding and structuration of the polymer molecules based on unsaturated carboxylic acids in organic solvents 8-71666
 Kuznetsov, N.A. see Emel'yanov, I.Ya. 8-82475
 Kuznetsov, N.A. see Filipchuk, E.V. 8-86643
 Kuznetsov, N.V. see Bortnikov, A.V. 8-59643
 Kuznetsov, S.A. see Kiparisov, S.S. 8-52731
 Kuznetsov, S.G. see Al'yushin, Yu.A. 8-60708
 Kuznetsov, S.N., Lopatina, G.B., Stolpovskiy, V.G. Outer boundary of radiation belts, according to Kosmos-426 data 8-69614
 Kuznetsov, S.P. see Belyaev, Yu.N. 8-59132
 Kuznetsov, S.P. see Gorshkov, B.M. 8-82543
 Kuznetsov, V.D. see Ganzorig, D. 8-86557
 Kuznetsov, V.D. see Ganzorig, Dz. 8-89827
 Kuznetsov, V.I. Classification of stars according to unwidened low-dispersion spectra and some results of its application for studying the galactic structure 8-73701
 Kuznetsov, V.I., Ender, A.Ya. Nonlinear oscillations in a bounded one-dimensional Knudsen plasma 8-79433
 Kuznetsov, V.I., Meer, V.V., Rozenfel'd, F.Z., Tarakanov, A.V. Miniaturized pressure-to-frequency converter with pulse output 8-57926
 Kuznetsov, V.I. see Akhmanov, S.A. 8-59083
 Kuznetsov, V.K. Underwater sound fields in an ocean shelf zone of arbitrary profile 8-90576
 Kuznetsov, V.L., Syrovatskii, S.I. Emergence of solar magnetic fields to the surface and the 11-year period of activity 8-85929
 Kuznetsov, V.L. see Baikova, S.A. 8-53266
 Kuznetsov, V.L. see Zapevalov, V.A. 8-86561
 Kuznetsov, V.M., Mameev, V.V., Petlin, G.N., Tomchakov, V.K. Device for multivariate analysis of discrete information [particle recording application] 8-78601
 Kuznetsov, V.M., Pobytsev, E.S., Fedotov, V.P., Belyaeva, V.I. Titanium and aluminium as deoxidising and alloying additions to hard-magnetic alloys alnico 8-80181
 Kuznetsov, V.M. see Beznosyuk, S.A. 8-51914
 Kuznetsov, V.M. see Saruev, G.A. 8-78562
 Kuznetsov, V.M. see Zabaev, V.N. 8-66124
 Kuznetsov, V.M. see Zubarev, V.N. 8-91045
 Kuznetsov, V.V. see Cretu, Tr. 8-74532
 Kuznetsov, Yu.N., Oyvin, V.N., Pevzner, V.I. Investigation of transient heat transfer and flow dynamics in a tube bundle at large flow and heat flux perturbations 8-83484
 Kuznetsov, Yu.N. see Mokrushin, A.D. 8-72636
 Kuznetsov, Yu.V. see Ishkhanov, B.S. 8-78573
 Kuznetsova, A.I. see Morgulis, T.E. 8-61106
 Kuznetsova, G.M. see Isayev, N.V. 8-69582
 Kuznetsova, L.M. see Korotushenko, G.V. 8-56815
 Kuznetsova, L.P., Nikhocheninova, V.I. Temporal fluctuations of temperature and precipitation averaged for the continents (Europe and North America) 8-92958
 Kuznetsova, R.I. Role of grain-boundary porosity in superplasticity 8-56690
 Kuznetsova, S.I., Kisilenko, G.G., Stel'mashenko, M.A. Photoinduced effect in yttrium iron garnet with added Co^{2+} and Si^{4+} ions 8-64220
 Kuznetsova, T.D., Levitan, Yu.S., Panevin, I.G. Characteristics of a stabilized laminar and turbulent arc in a homogeneous longitudinal magnetic field 8-71565
 Kuznetsova, V.A. see Kovner, M.S. 8-69564
 Kuznetsova, V.L. see Gropyanov, V.M. 8-60636
 Kuznetsova, Ye.S. see Pasechnik, V.I. 8-80894
 Kuznetsov, V.A. see Fridkin, V.M. 8-95309
 Kuzov, K. Experimental investigation of the circular jet turbulent strains under suction conditions 8-59437
 Kuzov, K., Kobarelov, P. Turbulent characteristics of free coaxial jets with independent supply of air to the nozzles and with initial velocities which have direction along their axes 8-59436
 Kuzovaya, V.L. see Baranov, V.K. 8-90521
 Kuzovlev, I.A. see Vorob'eva, G.I. 8-61100
 Kuzovnikov, A.A., Kovalevskii, V.L., Savinov, V.P., Yakunin, V.G. Experimental study of the rectifying properties of HF discharge 8-67545
 Kuzuba, T., Kijima, K., Bando, Y. Raman-active modes of alpha silicon nitride 8-80326
 Kuzuta, N., Agu, M. On an approximation method for diffraction pattern 8-55287
 Kuzyakov, Yu.Ya. see Smirnov, A.D. 8-74642
 Kuzyk, M.P., Pidzyrailo, N.S., Stefanskii, I.V. Temperature dependence of LiNbO_3 refractive index in a region of 320-600 nm 8-56451
 Kvachenok, V.G. see Danilevich, V.V. 8-57903
 Kvachev, Yu.P. see Andrianov, K.A. 8-76891
 Kvachkov, R. see Poulieff, C.N. 8-76620
 Kval'ya, M. see Apel', V.D. 8-78223
 Kvan Ir Pak see Pak Kvan Ir
 Kvantov, M.A., Kostikov, Yu.P. Magnetochemical investigation of phase transitions in barium titanate 8-88265
 Kvapil, J., Kvapil, J., Perner, B., Manek, B. The influence of crystal defects on active parameters of laser 8-79022
 Kvapil, J. see Kirejeva, S.I. 8-90419
 Kvapil, J. see Kvapil, J. 8-79022
 Kvapil, Jos. see Kirejeva, S.I. 8-90419
 Kvartskhava, I.F. see Zukakishvili, G.G. 8-91137
 Kvashnevskaia, M.S. see Andryushin, A.I. 8-63887
 Kvasil, J., Mikhailov, I.N., Safarov, R.C., Choriev, B. The influence of phonon admixture and non-adiabatic effects in the even-even core on the Coriolis mixing of odd nuclei states 8-74310
 Kvasov, V.B. see Gorbachev, V.V. 8-84266
 Kvasnicka, V., Zalis, K. Electric strength of oil for switching surges and long flash-over distances 8-56427
 Kvasnicka, V. see Veverka, A. 8-67449
 Kvasnitsa, M.S. see Gorbunov, V.I. 8-53098
 Kvasov, D.D., Blazhzhikov, A.I. The key to sources of the Pliocene and Pleistocene glaciation is at the bottom of the Barents Sea 8-57227
 Kveder, V.V. see Grazhulis, V.A. 8-72434
 Kventsel, G.F. see Moiseyev, N. 8-78770
 Kviriya, M.S. see Kaviladze, M.Sh. 8-58088
 Kviz, Z. On the feasibility of a southern cooperation 8-69681
 Kwadjo, R., Brown, L.M. Cyclic hardening of magnesium single crystals 8-64552
 Kwak, H. see Horton, W., Jr. 8-83547
 Kwak, J.F. see Jones, T.E. 8-88059
 Kwak Byung M. see Byung M. Kwak
 Kwan, B.P. see Feller, J.M. 8-66136
 Kwan, B.P. see Jaros, J.A. 8-50042
 Kwan, B.P. see Scharre, D.L. 8-89723
 Kwan, B.P. see Vuillemin, V. 8-93876
 Kwan, J. Radiation transport and the kinematics of molecular clouds 8-93347
 Kwan, J. see Phillips, T.G. 8-57621
 Kwan, L. see Niizuma, S. 8-58725
 Kwan, Y.Y. The interacting states of an asymmetric top molecule XY_2 of the group C_{2v} . Application to five interacting states (10_1), (02_1), (12_0), (20_0), and (00_2) of H_2^{16}O 8-78618
 Kwan Sik Chun, Sang Hoon Lee Vitrification of highly active liquid waste. Thermal decomposition of nitrates and additives for glass-making 8-86638
 Kwan-Yu Chen BVRI observations of CV Serpens 8-85971
 Kwang Dio Kim see Kim Kwang Dio
 Kwang Je Kim Impulse approximation in QCD, parton's p_T-distribution and application to deep elastic process 8-62368
 Kwant, G. see Jansen, T.C. 8-81003
 Kwapien, S. see Figiel, T. 8-89299
 Kwapiulinski, J., Nowak, B., Poloczek, D., Buszman, A. Extension of airborne material for Upper Silesian Industrial District (GOP) 8-92960
 Kwatny, H.G. see Bahar, L.Y. 8-93527
 Kwei, G.H. see Kroger, P.M. 8-73062
 Kwei Peng Chia see Peng Chia Kwei
 Kwiatkowska, A. see Bartke, J. 8-58305
 Kwiatkowski, B. see Weiss, M. 8-53579
 Kwiatkowski, K., Wall, N.S. Elastic scattering of 100 MeV protons and systematic optical model analysis 8-66274
 Kwiecinski, J. see Hoyer, P. 8-82179
 Kwiram, A.L. see Derenleau, D.A. 8-76356
 Kwitter, K.B. see Margon, B. 8-93451
 Kwock, L. see Lin, P.-S. 8-69017
 Kwok, Y.S. see Reed, I.S. 8-58099
 Kwok, H.S., Yablonovitch, E. Collisionless intramolecular vibrational relaxation in SF_6 8-82777
 Kwok, M.A., Herbelin, J.M. Electronic angular momentum transfer in the $\text{I}^2(\text{P}_{1/2}) + \text{NF}(\text{a}^1\Delta)$ system 8-63104
 Kwok, M.A. see Herbelin, J.M. 8-63103, 8-63105, 8-79012
 Kwok, S.K., Liao, Y. Transient phenomena of relaxation from electric-field-induced nematic phase to cholesteric phase 8-75811
 Kwok, T. see Bishop, G.H., Jr. 8-87687
 Kwok Kwong Wai see Wai Kwok Kwong
 Kwok-tsang Cheng see Gillespie, G.H. 8-66630
 Kwok-tsang Cheng see Yong-Ki Kim 8-66494, 8-82657
 Kwon, O. see Koliopoulos, C. 8-86325
 Kwon, Y.D. see Prevorsek, D.C. 8-52967
 Kwon, Y.S. see Won, M.H. 8-60622
 Kwong, R. see Williamson, W., Jr. 8-74772
 Kwong Wai Kwok see Wai Kwok Kwong
 Ky Lan Vo see Vo Ky Lan
 Kyarner, T.N. Thermal stability of hole centres and hole recombination luminescence of doped MgO , CaO and SrO 8-72614
 Kyashkin, V.M. see Kantur, O.V. 8-85076
 Kyazym-zade, A.G. see Abdinov, A.Sh. 8-56187
 Kychkin, I.S. see Sleptsov, A.A. 8-82789
 Kydia, T.F. see Carroll, A.S. 8-89757
 Kydd, R.A., Krueger, P.J. The far-infrared vapor phase spectra of some halosubstituted anilines 8-82726
 Kydd, R.A. see Chivers, T. 8-68502
 Kydon, D.W. see Rustgi, S.N. 8-68983
 Kyle, G. see Hoffmann, G.W. 8-62674
 Kyle, T.G., Schuster, B.G. Secondary laser cavity for weak absorptions 8-92551
 Kyle, T.G. see Blatherwick, R.D. 8-82729
 Kyle, T.R. see Barnes, P.A. 8-71113
 Kynev, S.K. see Konstantinova, E.M. 8-84248
 Kyogoku, T. see Ohashi, N. 8-74669
 Kyotani, H., Kanetsuma, H., Sasaki, K., Oya, M. Effect of organic solvents on the conformational stability of poly(β -benzyl L-aspartate) films 8-70988
 Kyrchev, G., Malov, L.A., Nesterenko, V.O., Soloviev, V.G. The description of the giant quadrupole resonance in deformed nuclei 8-86519
 Kyo, E. see Kauppinen, J. 8-70192, 8-78694
 Kyu Koh Youn see Youn Kyu Koh
 Kyu-Myung Chung see Hartmann, H. 8-57799
 Kyuer, P. see Batusov, Yu.A. 8-89855
 Kyung Rin Yang Radiochemical control of reactor cooling water 8-54820
 Kyutt, R.N. Mean-square displacements of atoms and Debye temperatures of III-V crystals 8-87757
 L., R.de la Vega see de la Vega L., R.
 la Batie, R. Dejean de see Dejean de la Batie, R.
 La Brecque, J.J. Use of ^{55}Fe radioisotope for the determination of titanium in laterite samples via energy dispersive X-ray fluorescence 8-76955
 La Camera, M., Wataghin, A. Scaling law for high-energy inelastic collisions 8-74287

- La Camera, M.**, Wataghin, A. Isobaric-gas model for high-energy nuclear physics 8-94022
- la Cruz, R.V.** de see de la Cruz, R.V.
- la Cruz, V.** de see de la Cruz, V.
- la Garanderie, H.** Payen de see Payen de la Garanderie, H.
- la Kampa, A.** de see de la Kampa, A.
- La Mantia, F.P.**, Acierno, D. Non-linear electric behaviour of polymeric materials interpreted through free volume changes 8-84226
- La Mantia, F.P.** see Acierno, D. 8-71305
- la Morte, R.D.** see Lagges, C.F. 8-77316
- la Noe, J.** de see de la Noe, J.
- la Reza, R.** de see de la Reza, R.
- la Ripelle, M.** Fabre de see Fabre de la Ripelle, M.
- La Rotonda, L.**, Luzzi, G., Papagno, L. Thin-film continuity observed by Auger spectroscopy 8-64433
- la Rue, R.M.** de see De la Rue, R.M.
- La Vaglia, A.** see Kendrick, S. 8-61714
- La Vaissiere, Ch.** De see De La Vaissiere, Ch.
- La Valle, L.** Vorticity generation and energy budget over central Italy 8-81350
- la Vega L., R.** de see de la Vega L., R.
- La Vopa, P.** see Anelli, E.F. 8-82585
- Laan, C.J.** van der see van der Laan, C.J.
- Laan, H.** van der see van der Laan, H.
- Laan, J.E.** van der see van der Laan, J.E.
- Laan, M.** see Korge, H. 8-67588
- Laane, J.** see Chao, T.H. 8-74792
- Laane, J.** see Irwin, R.M. 8-70836
- Laane, J.** see Villarreal, J.R. 8-58685
- Laaperi, A.** see Tiuri, M. 8-81175
- Laar, J.** van de see van de Laar, J.
- Laar, J.** Van De see Van De Laar, J.
- Laasanen, A.** see Derrick, M. 8-82197
- Labadens, A.** see Le Goff, D. 8-79048
- LaBarbera, M.** Precambrian geological history and the origin of the Metazoa 8-53651
- Labarthe, J.-J.** Graphical method for computing the determinant and inverse of a matrix. Generating functions for harmonic oscillator integrals 8-57732
- Labat, J.** see Lakicevic, I. 8-66508
- Labaton, I.** see Burde, J. 8-58567
- Labbe, Ph.**, Goreaud, M., Raveau, B., Monier, J.C. Comparative study of the M_2WO_3 structures of hexagonal bronze type. I. Structural analysis of bronzes of composition $M_{0.30}WO_3$. Stereochemistry of the elements $M = Rb^+$, Tl^+ and Sn^{4+} 8-59786
- Labes, M.M.** see Stieb, A.E. 8-59743
- Labur, J.D.** see Nuismier, R.J. 8-88519
- Labourdette, R.**, Pellas, J. A new approach to the three-dimensional crack growth problem 8-79266
- Labovskaya, A.S.** see Vlasov, V.V. 8-79196
- LaBrecque, J.F.** see Siegwirth, J.D. 8-54343, 8-54344
- Labrie, J.P.** see Terreault, B. 8-95089
- Labruno, M.**, Miltat, J., Klemm, M. Neel lines in YIG single crystals 8-64216
- Labruno, M.** see Klemm, M. 8-64254
- Labuc, L.** see Grudzinski, K. 8-79287
- Labuda, E.F.** see Ryden, W.D. 8-72721
- Labudde, P.** Laser medicine 8-73192
- Labuhn, F.** see Cullmann, E. 8-90107
- Labulle, B.**, Petipas, C. Crystallographic study of $AuSn_3$ -Sn eutectic alloy 8-91308
- Labuntsov, D.A.**, Jagov, V.V., Gorodov, A.K. Critical heat fluxes in boiling at low pressure region 8-90663
- Labus, T.L.**, DeWitt, K.J. Liquid jet impingement normal to a disk in zero gravity 8-94783
- Laby, J.E.** see Gras, J.L. 8-73437
- Lacam, A.**, Peyronneau, J. Experimental observation of sudden high-pressure transitions in alkali halides 8-51667
- Lacam, A.** see Kopystynski, J.L. 8-51666
- Lacaze, R.** see Billoire, A. 8-89709
- Lacazeau, G.** see Guittard, M. 8-80504
- Lacey, D.** see Byron, D.J. 8-75815
- Lach, J.** see Whitmore, J. 8-74289
- Lachaise, J.** see Graciaa, A. 8-64891, 8-80793
- Lachambre, J.-L.** see Lafigne, P. 8-78990
- Lachambre, J.L.**, Macfarlane, J., Otis, G., Lavigne, P. A transversely RF-excited CO_2 waveguide laser 8-63127
- Lachambre, J.-L.**, Otis, G., Lavigne, P. Simultaneous frequency stabilization and injection in a TEA- CO_2 oscillator 8-55362
- Lachambre, J.-L.** see Lavigne, P. 8-71075
- Lachenal, G.** see Gazet, J. 8-83939
- Lachere, G.** see Karnatak, R.C. 8-84681
- Lachin, V.L.**, Fedii, V.S., Malina, A.K., Fedii, N.S. A magnetic transducer operating in the range of hysteresis-free magnetisation 8-86305
- Lachinov, A.N.** see Chuvyrov, A.N. 8-55809
- Lachish, U.** Derivation of some basic properties of ideal gases and solutions from processes of elastic collisions 8-91048
- Lachowicz, H.** see Krzywinski, J. 8-91884
- Lachowski, J.**, Radowicz, A. Method of calculation of multiple moments of structural defects in metals 8-55868
- Lachter, A.**, Lascaud, M., Barriere, A.S., Lozano, L., Portier, J., Saboya, B. Preparation and characterisation of FeF_3 thin films 8-64470
- Laciana, C.E.**, Pedraza, A.J., Savino, E.J. Lattice distortion due to oxygen and nitrogen di-interstitial clusters in niobium and vanadium 8-71726
- Lacina, W.B.** see Bradford, R.S., Jr. 8-63077
- Lack, G.M.**, Gibson, J.F. EPR in the $[ReNCl_4]^-$ ion 8-64272
- Lackas, W.** see Berger, Ch. 8-62414, 8-78586, 8-89725
- Lackner, K.** see Haas, G. 8-94133
- Laclare, F.** see Chollet, F. 8-69760
- Lacmann, K.** see Dispert, H. 8-82827
- Lacomba, E.A.** Concept of polhode for transitive dynamic systems 8-62065
- Lacombe, M.**, Loiseau, B., Richard, J.M., Vinh-Mau, R., Pires, P., de Tourreil, R. On the Paris nucleon-nucleon potential 8-70455
- Lacombe, P.** see Jouve, G. 8-76788
- Lacome, N.**, Levy, A. A parametric deconvolution method: application to two bands of N_2O in the 1.9- μm region 8-78697
- Lacome, N.** see Aric, E. 8-90224
- Lacomme, J.**, Lasalmonie, A. Martensitic transformations in the Fe-Ni-Mn system 8-84803
- Lacoume, J.L.** see Glangeaud, F. 8-61680
- LaCroix, A.** see Goddet, J. 8-82502
- Lacroix, J.C.**, Atten, P. Double injection with recombination: EHD linear and non linear stability study 8-87412
- Lacroix, J.C.** see Atten, P. 8-87411
- Lacroix, J.C.** see Felici, N. 8-87405
- Lacroix, J.C.** see Tobazeon, R. 8-63870
- Lacroix, R.** The existence of an elementary length and an elementary time interval 8-77743
- Lacy, C.H.**, Evans, D.S., Quigley, R.J., Sandmann, W.H. Anomalous flare activity on UV Ceti 8-89202
- Lacy, J.L.** see Badhwar, G.D. 8-73594
- Lacy, L.L.** see Trahan, J.F. 8-64523
- Lacy, S.** see Greenwood, J.R. 8-51366
- Lada, C.J.** see Moran, J.M. 8-93377
- Lada, C.J.** see Zeilik, M., II 8-65667
- Ladage, A.** see Cohen, I. 8-66123
- Ladage, A.** see Scarr, J.M. 8-54634
- Ladany, I.**, Kressel, H. Degradation in short wavelength (AlGa)As light-emitting diodes [lasers] 8-63119
- Ladany, I.** see Levin, E.R. 8-68565
- Ladanyi, B.M.**, Keyes, T. The intensity of light scattered by liquid CS_2 8-60476
- Ladanyi, K.** Dressed fermions in Abelian gauge theories 8-82093
- Ladbrooke, P.H.**, Huang, R.S., Barnard, J.A. Fast current pulse m.o.s. deep-depletion technique for profiling thin epitaxial and ion-implanted layers 8-80075
- Ladd, A.J.C.** Long-range dipolar interactions in computer simulations of polar liquids 8-87603
- Ladd, A.J.C.**, Woodcock, L.V. Interfacial and co-existence properties of the Lennard-Jones system at the triple point 8-83916
- Ladd, A.J.C.**, Woodcock, L.V. Structure of the Lennard-Jones (100) crystal-liquid interface 8-91284
- Ladde, G.S.** Systems of differential inequalities and stochastic differential equations. IV 8-77801
- Ladernan, A.J.** Effect of wall temperature on a supermanic turbulent boundary layer 8-94765
- Ladeveze, P.** A model for cracked bodies 8-63386
- Ladik, J.** Ab initio self-consistent-field method using linear combinations of atomic orbitals for the calculation of surface states of three-dimensional crystals 8-56201
- Lading, L.**, Skov Jensen, A., Fog, C., Andersen, H. Time-of-flight laser anemometer for velocity measurements in the atmosphere 8-69469
- Ladish, J.S.**, Czuchlewski, S.J. Saturable absorbers for CO_2 fusion 8-87066
- Ladner, D.R.**, Tough, J.T. Helium II Thermal counterflow at large heat currents: Profound effects of geometry 8-51763
- Lado, F.** Hypernetted-chain solutions for the two-dimensional classical electron gas 8-67963
- Ladouceur, H.D.** see Diestler, D.J. 8-67776
- Ladrach, P.** see Wagli, P. 8-63550
- Ladyzhenskaya, O.** Some recent mathematical results concerning the Navier-Stokes equations 8-83355
- Ladyzhenskii, O.B.** see Bazhenov, G.P. 8-71569
- Laegsgaard, E.**, Andersen, J.U., Lund, M. Coulomb ionization of inner shells 8-62898
- Laermann, K.-H.**, Schorn, H., Issa, S.S. Photoelastic examinations on glued specimens with reaction resinous mortar as the junction medium 8-76825
- Laet, L.H.** De see De Laet, L.H.
- Laeter, J.R.** De see De Laeter, J.R.
- Laeverenz, P.** see Hovestadt, D. 8-85790
- Lafait, J.** Optical properties of Pd from 0.1-6 eV 8-92092
- Lafait, J.**, Abeles, F., Theye, M.L., Vuye, G. Determination of the infrared optical constants of highly reflecting materials by means of surface plasmon excitation-application to Pd 8-76418
- Lafargue, C.** see Alliez, J. 8-61511
- Lafeber, H.N.** see Jansen, T.C. 8-81003
- Laffan, M.D.**, Cutler, E.J.B. Landscapes, soils, and erosion of a catchment in the Wither Hills, Marlborough. II. Mechanism of tunnel-gully erosion in Wither Hill soils from loessial drift and comparison with other loessial soils in the South Island 8-88864
- Laffery, W.J.**, Lovas, F.J. Microwave spectra of molecules of astrophysical interest. XIII. Cyanoacetylene 8-74647
- Lafigne, P.**, Lachamber, J.-L., Otis, G. Gain measurements on the sequence bands in a TEA- CO_2 amplifier 8-78990
- Lafflamm, R.E.**, Hites, R.A. The global distribution of polycyclic aromatic hydrocarbons in recent sediments 8-57192
- Lafiere, W.H.**, Van Meirhaeghe, R.L., Cardon, F., Gomes, W.P. On the frequency and voltage dependence of the impedance of n- and p-type GaAs/metal Schottky barriers 8-64114
- Lafiere, W.H.** see Van Wezemael, A.-M. 8-52079
- LaFleur, A.L.** see Rushneck, D.R. 8-77460
- Lafleur, M.V.M.**, van Heuvel, M., Woldhuis, J., Loman, H. Alkali-labile sites and post-irradiation effects in single-stranded DNA induced by H radicals 8-68994
- Lafon, E.** see Heaton, R. 8-51889
- Lafond, C.**, Leclercq, G., Moliere, F., Namdar, R., Roesch, L., Sanz, G. Cold formability of steels 8-60681
- Laforgue, A.** see Paldus, J. 8-58595
- Laframboise, J.G.** see Jen-Shih Chang 8-51280
- Laframboise, J.G.** see Parker, L.W. 8-59678
- Laframboise, J.G.** see Rubinstein, J. 8-91154
- Lafrance, P.** Ship hydrodynamics 8-63423
- Lafrance, S.**, Mordechai, S., Fortune, H.T., Middleton, R. Structure of ^{74}Ge from the $^{74}Ge(t,p)$ reaction 8-93945
- Lafrance, S.** see Fortune, H.T. 8-54674
- Lafta, H.**, Tarocinski, Z. Temperature variation in the long post arc channel 8-71591
- Lafyatis, G.P.** see Kohl, J.L. 8-94218
- Lagae, G.**, Bushnell, D. Elastic plastic buckling of internally pressurized torispherical vessel heads 8-79241
- Lagally, M.G.** see Ching, W.Y. 8-71969
- Lagally, M.G.** see Davis, G.D. 8-92149
- Lagally, M.G.** see Wang, G.-C. 8-79879
- Lagaly, G.** see Ertem, G. 8-84114
- Lagarde, J.-P.** see Durano-Charre, M. 8-95483
- Lagarde, P.** see Fontaine, A. 8-79520
- Lagarkov, A.N.**, Medvedeva, N.A. Distribution of excited atoms concentration near the boundary which absorb the excitation 8-67327
- Lagar'kov, A.N.**, Sarychev A.K. Study of the dense weakly ionized mercury plasma by the method of molecular dynamics 8-71456
- Lagerkvist, C.-I.**, Kohoutek, L. Positions of main-belt asteroids 8-77515
- Lagerkvist, C.-I.**, Petersson, B. 186 Celuta: a slowly spinning asteroid 8-61782
- Lagerkvist, C.-I.**, Rickman, H. A search for short-period comets with large perihelion distances 8-85907
- Lagerqvist, A.** see Appelblad, O. 8-82747, 8-82748
- Lagersie, D.**, Allan, G. Phonon dispersion curves and elastic constants of body-centered cubic transition metals 8-59885
- Lagerwall, S.T.**, Meyer, R.B., Stebler, B. Direct observation of dislocations in smectics 8-91230
- Laget, J.M.** Double pion photoproduction of one nucleon and the reaction $\gamma D \rightarrow pp\pi^+$ 8-70378
- Laget, J.M.** see Argan, P.E. 8-70512
- Laget, J.M.** see Bosted, P. 8-78364
- Lagges, C.F.**, la Morte, R.D. Selection and maintenance of air monitoring instrumentation 8-77316
- Lagiewka, E.** see Bojarski, Z. 8-91552
- Lagnaux, J.P.** see Benot, M. 8-86731
- Lagnaux, J.P.** see Binon, F. 8-82582
- Lagnaux, J.-P.** see Binon, F. 8-54804
- Lagnier, R.** see Rey-Lafon, M. 8-80346
- Lagols, J.**, Fischer, B. Dispersion theory of surface-exciton polaritons 8-72089
- Lagomarsino, S.** see Albertini, G. 8-91428, 8-95143
- Lagomarsino, S.** see Antonini, B. 8-95595
- Lagomarsino, S.** see Boeuf, A. 8-71643
- Lagouarde, J.P.** see Vauclin, M. 8-96331
- Lagourette, B.**, Boned, C., Babin, L. Dielectric properties of ice microcrystal dispersions: Comments on a reassessment 8-60374
- Lagowski, J.**, Gatos, H.C., Balestra, C.L. Charge transfer in ZnO surfaces in the presence of photosensitizing dyes 8-68049

- Lagowski, J.**, Gatos, H.C., Balestra, C.L. Charge transfer in ZnO surfaces in the pressure of photosensitizing dyes 8-72193
- Lagowski, J.**, Gatos, H.C., Holmstrom, R., Balestra, C.L. Interaction of ZnO surfaces with oxygen after illumination in the presence of CO and O₂ 8-87877
- Lagowski, J.** *see* Holmstrom, R.P. 8-79893
- Lagrange, J.M.** *see* Albouy, G. 8-78309
- Lagrange, J.M.** *see* Richel, H. 8-78316
- Laquerie, C.**, Damronglerd, S. Crystallization and crystal growth rate: The example of monohydrate citric acid crystal growth 8-87638
- Lagun, V.N.** A class of particular solutions of one-dimensional nonlinear equations of heat conduction 8-63264
- Lagunov, A.S.**, Baivel, L.P., Litvinov, V.K., Gusev, B.A., Karyazova, E.V. Measurement of the particle size distribution of powders by the spectral transparency method 8-49876
- Lagunov, V.M.**, Fedorov, V.M. The application of water insulation in impulse current generators and electron accelerators at the Novosibirsk Nuclear Physics Institute 8-75430
- Lagutin, A.A.**, Plyasheshnikov, A.V. The fragmentation of atomic nuclei in extensive atmospheric showers 8-65472
- Lagutin, A.A.** *see* Uchaikin, V.V. 8-65471
- Lagutin, B.I.** *see* Bubro, K.K. 8-86279
- Lagutin, O.B.** *see* Bokov, A.G. 8-94360
- Lagutkin, O.D.** An isodromic criterion of thermodynamic stability for orthobaric volumes 8-51644
- Lagveshkin, V.Ya.** *see* Markovets, M.P. 8-60903
- Lahaie, G.** *see* Grummitt, W.E. 8-89987
- Lahart, M.J.** Examples of maximum likelihood spatial filtering 8-63038
- Lahey, R.T., Jr.** A mechanistic subcooled boiling model 8-90697
- Lahiri, A.** *see* Bhaumik, D. 8-95996
- Lahiri, D.P.** *see* Singh, V. 8-76676
- Lahiri, S.** Note on the unsteady flow of viscous fluid in an annular channel 8-75205
- Lahiry, S.**, Sharma, J., Sootha, G.D., Gupta, H.O. Cu²⁺ in pseudotetrahedral symmetry: Magnetic anisotropy, susceptibility, and EPR of bis(trimethyl- and triethyl benzyl ammonium) tetrachlorocuprate (II) from 300 to 77K 8-52344
- Lahman Bannani, A.** *see* Lecas, M. 8-54499
- Lahmann, W.** *see* Harms, J. 8-57329
- Lahner, K.** *see* Wolf, R. 8-86632
- Lahteenkorva, E.E.** *see* Lenkner, J.T. 8-84881
- Lai, C.E.** *see* Freeman, R.D. 8-64983
- Lai, C.S.** Comment on 'Two temperature effects in the laser heating of short plasma columns' 8-67383
- Lai, C.S.** Inhomogeneous thermal conduction equations 8-70074
- Lai, C.S.** *see* Kung-Yng Liao 8-59229
- Lai, G.Y.** An investigation of the thermal stability of a commercial Ni-Cr-Fe-Mo alloy (Hastelloy alloy X) 8-84865
- Lai, H.M.** Static contribution from the 'radiation field' 8-69933
- Lai, J.K.L.**, Meshkat, M. Kinetics of precipitation of χ -phase and M₂₃C₆ carbide in a cast of type 316 stainless steel 8-88469
- Lai, K.W.** *see* Goddard, M.C. 8-74284
- Lai, K.W.** *see* Zemany, P.D. 8-66117
- Lai, K.-W.** *see* Morse, W.M. 8-89858
- Lai, P.J.** *see* Almeida, S.P. 8-69261
- Lai, R.J.** Development of the thermal mixing layer over water and heated land: a laboratory simulation 8-73449
- Lai, R.Y.S.**, Fan, C.P. Drag on a sphere accelerating rectilinearly in an elasto-viscous fluid 8-51145
- Lai, S.K.**, Wang, S., So, C.B. Electronic structure of metals. VI. Magnetic susceptibilities of simple metals 8-52204
- Lai Chiu-Nan** *see* Chiu-Nan Lai
- Lai Lee Sam** *see* Sam Lai Lee
- Lai-Him Chan, O'Connell, R.F.** Charmonium-the 'P₁' state 8-62370
- Laibowitz, R.B.** *see* Alessandrini, E.I. 8-72022
- Laidlaw, W.G.** *see* Carle, D.L. 8-94988
- Laidlaw, W.G.** *see* Trsic, M. 8-78625
- Laikhtman, B.D.** Contributions of various mechanisms to the three-pulse echo of powders 8-68444
- Laikhtman, B.D.** *see* Kulakova, L.A. 8-60167
- Laikhtman, B.D.** *see* Smolenskii, G.A. 8-95549
- Laine, D.C.** *see* Al-Amiedy, D.H.H. 8-54503
- Laine, E.** *see* Kaihola, L. 8-79499
- Laine, E.S.U.** A high-speed determination of the volume fraction of ferrite in austenitic stainless steel by EDXRD 8-76628
- Laing, E.W.** *see* Tan, W.P.S. 8-87471
- Laing, L.R.** *see* Sparrow, E.M. 8-63425, 8-75141
- Laing, R.A.**, Longair, M.S., Riley, J.M., Kibblewhite, E.J., Gunn, J.E. Investigations of the optical fields of 3CR radio sources to faint limiting magnitudes. II 8-54067
- Laing, R.A.**, Longair, M.S., Riley, J.M., Kibblewhite, E.J., Gunn, J.E. Source counts and V/V_{max} tests for a complete sample of 3CR radio sources studied to very faint limiting magnitudes 8-77613
- Laing, W.R.** *see* Leitnaker, J.M. 8-52816
- Laird, C.** *see* Bhat, S.P. 8-95786
- Laird, C.** *see* Kim, W.H. 8-52936, 8-52937, 8-64633
- Laird, M.J.** Focusing and interference of whistler-mode waves in a spatially varying magnetic field 8-65465
- Laird, R.E.** Radioactive decay of ¹³⁹Ba 8-70492
- Laisaar, A.** *see* Nülsik, A. 8-52532
- Laitinen, H.A.** Progress in electroanalytical chemistry 1952-1977 8-92567
- Laitinen, R.**, Niinisto, L. Thermal behaviour of the monoclinic allotropes γ -sulfur and α -selenium and some structurally related sulfur-selenium compounds 8-67813
- Laizan, Ya.B.** *see* Krauya, U.E. 8-68742
- Lajoie, J.**, Gelinas, L. Emplacement of Archean peridotitic komatiites in La Motte Township, Quebec 8-77234
- Lajtar, L.**, Jaroniec, M., Sokolowski, S. Monolayer films of gases on solids composed of patches covered by mobile and localized adsorbed molecules 8-72004
- Lajzerowicz, J.**, Legrand, J.F. Critical behaviour near the ferroelectric-ferroelastic phase transition of tanane 8-52459
- Lajzerwicz, J.** *see* Niez, J.J. 8-91853
- Lakaye, J.M.** *see* Heck, A. 8-77561
- Lakdar, T.B.**, Suard, M., Taillandier, E., Berthier, G. Vibrational properties of polyatomic molecules by quantum-chemical methods. I. Test-calculations on force constants and infrared intensities 8-86783
- Lake, D.** *see* Rosen, I. 8-53506
- Lake, K.**, Roeder, R.C. The present appearance of white holes 8-61881
- Lake, K.**, Roeder, R.C. Some remarks on surfaces of discontinuity in general relativity 8-70030
- Lake, R.T.** *see* Van de Vegte, J. 8-90746
- Laker, K.R.**, Cohen, E., Szabo, T.L., Pustaver, J.A., Jr. Computer-aided design of withdrawal-weighted SAW bandpass filters 8-66991
- Lakes, R.S.**, Saha, S. A noncontacting electromagnetic device for the determination of in vivo properties of bone 8-77133
- Lakhani, A.A.**, Cole, T., Stiles, P.J. Superlattice and a two-dimensional electron gas 8-64080
- Lakhani, A.A.** *see* Ettinger, H. 8-72462
- Lakhina, G.S.** Ion cyclotron instability in the solar wind 8-77547
- Lakhno, N.I.** *see* Kononov, N.A. 8-49936
- Lakhno, V.D.**, Nagaev, E.L. Nondissipative ferromagnetism in magnetic semiconductors 8-72387
- Lakhno, V.D.**, Nagaev, E.L. Magnetostriction ferromagnets 8-88160
- Lakhnyuk, V.M.** *see* Lozovaya, L.A. 8-69483
- Lakhtin, Yu.M.**, Kogan, Ya.D. Trends in nitriding 8-95857
- Lakhtin, Yu.M.**, Kogan, Ya.D., Borodin, V.A., Sheveleva, L.M., Zil'berman, A.G. Kinetics of saturation of nickel alloy ZhS6K by niobium 8-56814
- Lakhtin, Yu.M.**, Silina, N.V. The high hardness of alloyed ferrite after nitriding 8-51608
- Lakicevic, I.**, Puric, J., Labat, J. Stark parameters of rubidium resonance lines 8-66508
- Lakicevic, I.S.** *see* Puric, J. 8-78662
- Lakin, K.M.** *see* Christensen, C.P. 8-56589
- Lakin, W.D.**, Mathon, R., Nachman, A. Buckling and vibration of a rotating spoke 8-71288
- Lakin, W.D.**, Nachman, A. Unstable vibrations and buckling of rotating flexible rods 8-79242
- Lakin, W.L.** *see* White, J. 8-58319
- Lakis, A.A.**, Dore, R. General method for analysing contact stresses on cylindrical vessels 8-63395
- Lakiza, V.D.** *see* Ganiev, R.F. 8-90811
- Lakosi, L.**, Anttila, K. Uranium assay of fuel rods by passive gamma-ray spectrometry 8-92576
- Lakova, M.S.**, Dimova, D.I., Kunev, S.K., Baltov, Y.K. Photoelectric properties of CdS thin films obtained by vacuum evaporation from the heterogeneous CdS.Cr₂O₃ system 8-80074
- Lakova, M.S.** *see* Stoyanov, V.E. 8-80044
- Lakowski, R.** *see* Rasmussen, P. 8-53409
- Lakowski, R.** *see* Sharpe, L.T. 8-54426
- Lakshman, S.V.**, Reddy, B.J., Janardhanam, K., Murthy, V.L.R., Rama Devi, P. Electronic absorption in silicate mineral of copper 8-92087
- Lakshman, S.V.J.**, Ramakrishna Rao, T.V., Naidu, G.T. True potential energy curves and dissociation energies of oxides of sulphur, selenium and tellurium 8-50485
- Lakshman, S.V.J.**, Ramakrishna Rao, T.V., Naidu, G.T. The true potential energy curves and dissociation energy of titanium monoxide 8-50531
- Lakshman Rao, N.S.**, Thandaveswara, B.S. Some characteristics of hydraulic jumps 8-79379
- Lakshmana, B.H.** *see* Chandrasekhara Swamy, N.V. 8-90856
- Lakshmanan, A.R.**, Bhuwan Chandra, Bhatt, R.C. Gamma radiation induced sensitization in CaSO₄:Dy TLD phosphor 8-74542
- Lakshmanan, A.R.**, Shinde, S.S., Bhatt, R.C. Ultraviolet-induced thermoluminescence and phosphorescence in Mg₂SiO₄:Tb 8-92707
- Lakshmanan, A.R.** *see* Bhatt, R.C. 8-70648
- Lakshmanan, A.R.** *see* Pradhan, A.S. 8-73 51
- Lakshmanan, M.** Prolongation structures and connection forms for the Lund-Regge system 8-93805
- Lakshmanan, M.**, Massalas, C. Comment on the 'fundamental frequency of vibration of a beam on a nonlinear elastic foundation' [and reply] 8-90756
- Lakshmanan, M.**, Venkataramanan, B. Method of action-angle variables and the classical dynamics of a nonlinear Lagrangian 8-77702
- Lakshmanan, M.** *see* Broer, L.J.F. 8-57791
- Lakshmi** *see* Dubey, B.L. 8-88091
- Lakshmi** *see* Rastogi, R.P. 8-63731
- Lakshmi, A.**, Walker, S., Weir, N.A., Calderwood, J.H. Some weight factor considerations on group relaxation in a polystyrene matrix 8-68446
- Lakshmi, D.R.**, Reddy, B.M., Pasricha, P.K. Latitudinal variation of polar wind profiles from Alouette-II data 8-69588
- Lakshmi, G.**, Srinivasan, R. Surface modes of vibration in a calcium fluoride slab normal to (110) direction 8-71935
- Lakshmi, G.** *see* Srinivasan, R. 8-75762
- Lakshminarayan, K.N.** *see* Goyal, D.R. 8-89468
- Lakshminarayana, B.** *see* Hah, C. 8-94862
- Lakshminarayana, H.V.**, Viswanath, S. A high precision triangular laminated anisotropic cylindrical shell finite element 8-79206
- Lakshminarayana, M.R.**, Hunsperger, R.G., Partain, L.D. Modulation of room-temperature GaAs lasers at X-band frequencies 8-87079
- Lakshminarayana, V.** *see* Waard, H. 8-80261
- Lakshminath, V.R.** *see* Chandrasekhara Swamy, N.V. 8-90856
- Lakshminath, V.R.** *see* Swamy, N.V. 8-51160
- Lal, B.**, Ramachandra Rao, D. Absorption and laser excited fluorescence of Ho³⁺:LaF₃ 8-60514
- Lal, B.B.**, Varma, S.P. Infrared studies of some analgesic group commercial tablet samples 8-74652
- Lal, D.** *see* Bagolia, C. 8-53893
- Lal, D.** *see* Gupta, S.K. 8-53894
- Lal, D.N.**, Weiss, V. A notch analysis of fracture approach to fatigue crack propagation 8-52984
- Lal, H.B.**, Pratap, V. Low temperature electrical conduction and dielectric properties of cerium dioxide 8-72447
- Lal, H.B.**, Pratap, V., Kumar, A. Magnetic susceptibility of heavy rare-earth sesquioxides 8-56288
- Lal, J.** *see* Singh, B. 8-59498
- Lal, J.B.** *see* Bhardwaj, R.K. 8-69597
- Lal, K.B.**, Khan, M.Q. On plane-symmetric solutions of a scalar-tensor theory of gravitation 8-70035
- Lal, K.B.**, Maurya, B.R. On wave solutions of coupled electromagnetic and zero-rest-mass scalar fields in generalized Takeno space-time 8-70020
- Lal, K.B.**, Mustaqem On wave solutions of unified field equations of Finzi 8-70036
- Lal, K.B.**, Pradhan, A. Some plane wave-like solutions of weakened field equations in a generalized Peres space-time 8-57827
- Lal, K.B.**, Pradhan, A. On wave solutions of Einstein's field equations of general relativity containing zero-rest-mass scalar fields 8-70021
- Lal, K.B.**, Pradhan, A. On wave solutions of Einstein's field equations of general relativity containing zero-rest-mass scalar fields 8-89373
- Lal, K.B.**, Shafiullah On wave solutions of the field equations of general relativity 8-70022
- Lal, M.** *see* Dwivedi, A.P. 8-75065
- Lal, M.N.**, Das, B.L. Current amplification by vibrating membranes of piezoresistive semiconductors 8-75025
- Lal, R.** *see* Gupta, U.S. 8-90758
- Lal, S.**, Narain, S. Transient temperature distribution in a non-homogeneous hollow cube 8-75035
- Lal, S.**, Vyas, P., Subramanian, A. Multiplicity distribution in hadron-nucleus collisions 8-62514
- Lal, S.** *see* Nigam, S.P. 8-83163
- Lalauze, R.L.**, Meunier, J.H. Experimental study of NiO electrical conductivity changes under low oxygen pressures 8-64041

- Lalevic, B. *see* Murty, K. 8-72231
 Lalita, K. *see* Rao, I.V. 8-58731
 Lal, V.K. *see* Bahadur, H. 8-88255
 Lallemand, M., Vidal, D., Oksengorn, B.
 Experimental study of the Clausius-Mossotti
 function for some noble gases and nitrogen in
 a very large pressure range 8-52418
 Lallemand, P. *see* Thyagarajan, K. 8-75858
 Lallémand, M. *see* Bertrand, G. 8-76852
 Lally, J.S. *see* Choyke, W.J. 8-71773
 Lally, J.S. *see* Nord, G.L., Jr. 8-65517
 Lalo, C. *see* Masanet, J. 8-90217
 Lalovic, B. *see* Bogdanovic, M. 8-50084
 Lalowicz, Z.T. *see* Hennel, J.W. 8-84493
 Lahu, P. Handling of a glove box accident:
 surgical treatment of a wound contaminated
 by a mixture of plutonium-239 and americium
 8-53521
 Lam, C., Sluyters, Th. Acceleration of one
 ampere negative ion beams to energies up to
 120 keV 8-54918
 Lam, C.S., Varshni, Y.P. Binding energies of
 positron to F and F' colour centres in alkali
 halides 8-87667
 Lam, C.S., Wu-Ki Tung Structure function rela-
 tions at large transverse momenta in lepton-
 pair production processes 8-82214
 Lam, D.J. *see* Veal, B.W. 8-68599
 Lam, G.K.Y., Henkelman, R.M., Harrison, R.W.
 An automated dose mapping system for the
 TRIUMF biomedical pion beam 8-73254
 Lam, G.K.Y. *see* Henkelman, R.M. 8-96113
 Lam, K.-S., Bellum, J.C., George, T.F. A semi-
 classical approach to collisional ionization with
 application to the Ar-He system 8-90275
 Lam, K.Y. *see* Goldberg, I.S. 8-90976
 Lam, L., Bunde, A. Phase transitions and
 dynamics of superionic conductors 8-59924
 Lam, L., Bunde, A. Microscopic theory of
 superionic conductors 8-79809
 Lam, L. *see* Tong, B.Y. 8-94193
 Lam, L.K., Fujimoto, T., Gallagher, A.C., Hes-
 sel, M.M. Collisional excitation transfer be-
 tween Na and Na₂ 8-66638
 Lam, L.K., Gallagher, A., Drullinger, R.
 Measurement of HgXe excimer potentials
 8-66581
 Lam, N.Q., Leaf, G., Johnson, R.A. Defect build-
 up and solute segregation in alloys under
 pulsed irradiation 8-71757
 Lam, N.Q., Okamoto, P.R., Wiedersich, H.
 Effects of solute segregation and precipitation
 on void swelling in irradiated alloys 8-67741
 Lam, N.T. *see* Forsthat, H. 8-68256
 Lam, P.M. *see* Clark, J.W. 8-51776
 Lam, R.U.E. 't see 't Lam, R.U.E.
 Lam, S.K. *see* Debarbat, S. 8-89115
 Lam Hing-Lan *see* Hing-Lan Lam
 Lam Kai-Shue *see* Kai-Shue Lam
 Lam Yip Gar *see* Gar Lam Yip
 Lam Yiu-Shing *see* Yiu-Shing Lam
 Lamalle, B. *see* Mathelin, J.P. 8-70815
 Lamanna, E. *see* Baroni, G. 8-58279
 Lamanna, U.T. *see* Rahman, N.K. 8-82851
 Lamanova, I.A. *see* Filippov, E.M. 8-65423
 Lamare, M. *see* Edwin, R.P. 8-54443
 Lamaze, G.P., Schrack, R.A., Wasson, O.A. A
 new measurement of the ⁶Li(n,α)T cross sec-
 tion 8-89865
 Lamaze, G.P. *see* Schrack, R.A. 8-89866
 Lamaze, G.P. *see* Wasson, O.A. 8-90039
 Lamb, D.G.S. *see* Simpson, D.G. 8-86243
 Lamb, D.Q. *see* Avni, Y. 8-65718
 Lamb, F.K. *see* Avni, Y. 8-65718
 Lamb, F.K. *see* Ghosh, P. 8-93294
 Lamb, J.F. *see* Winstead, M.B. 8-80965
 Lamb, P.A. *see* Johnson, H.M. 8-57695
 Lamb, P.R. *see* Dionisi, C. 8-89735
 Lamb, P.R. *see* Kluyver, J.C. 8-82233
 Lamb, R.G., Durrant, D.R. Eddy diffusivities
 derived from a numerical model of the con-
 vective planetary boundary layer 8-85667
 Lamb, W., Wood, D.M., Ashcroft, N.W. Optical
 properties of small particle composites:
 Theories and applications 8-56444
 Lamb, W.E., Jr. Multiphoton dissociation of
 polyatomic molecules: quantum or classical?
 8-82801
 Lamb, W.E., Jr. *see* Menegozzi, L.N. 8-55334
 Lamb, W.J. *see* Jonas, J. 8-60349
 Lamba, H.S., Sidebottom, O.M. Proportional
 biaxial cyclic hardening of annealed oxygen-
 free high-conductivity copper 8-84844
 Lamba, H.S., Sidebottom, O.M. Cyclic plasticity
 for nonproportional paths. I. Cyclic hardening,
 erasure of memory, and subsequent strain
 hardening experiments 8-88510
 Lamba, H.S., Sidebottom, O.M. Cyclic plasticity
 for nonproportional paths. II. Comparison
 with predictions of three incremental plasticity
 models 8-92308
 Lambe, R., Vincent, B., Tadros, T.F. The effect
 of temperature, particle volume fraction, and
 polymer concentration on the stability of
 aqueous polystyrene latex dispersions in the
 presence of poly(vinyl alcohol) 8-85207
 Lambert, D.K., Richards, P.L. Martin-Puplett
 interferometer: an analysis 8-70179
 Lambert, D.L., Luck, R.E. Spectrum variations
 of the superluminous star HR 8752 8-81630
 Lambert, D.L. *see* Bernat, A.P. 8-53945
 Lambert, D.L. *see* Dominy, J.F. 8-93223
 Lambert, D.L. *see* Sneden, C. 8-57548
 Lambert, D.L. *see* Tomkin, J. 8-65654,
 8-93222
 Lambert, E. *see* Gustafsson, C. 8-50156
 Lambert, G. *see* Nguyen, B.C. 8-96237
 Lambert, G.A. *see* Yim, A. 8-94585
 Lambert, J.A., Dobson, P.S. The structure of
 rod defects in boron-implanted silicon
 8-71744
 Lambert, J.D.B., SO, B.Y.C., Kirn, F.S., Arm-
 strong, J.R., Ebersole, E.R., Laug, M.T.
 Recent improvements in identifying fission
 product sources in the Experimental Breeder
 Reactor II 8-70588
 Lambert, J.M. *see* Allas, R.G. 8-86539
 Lambert, M. *see* Badelek, B. 8-90011
 Lambert, M. *see* Burq, J.P. 8-82569, 8-89741
 Lambert, M. *see* Doucet, J. 8-94971
 Lambert, M. *see* Levelut, A.-M. 8-91436
 Lambert, N., Greday, T., Liege, C.R.M. Study
 of the distribution of alloying elements be-
 tween the phases of a heat treated steel
 8-84876
 Lambert, R.H. Complete vector spherical
 harmonic expansion for Maxwell's equations
 [for teachers] 8-81747
 Lambert, R.M. *see* Briggs, D. 8-56568
 Lambert, R.St.J. *see* Sydora, L.J. 8-77206
 Lambert, R.St. J. *see* St. J. Lambert, R.
 Lamberti, A. *see* Aminti, P. 8-53665
 Lamberton, H.M. *see* Roper, V.G. 8-58977
 Lambha, N.K., Korpela, S.A., Kulacki, F.A.
 Thermal convection in a cylindrical cavity
 with uniform volumetric energy generation
 8-94541
 Lambiase, J.J. *see* Dalrymple, R.W. 8-88814
 Lambies, V., Beltran, J. Dry process formation
 of CdS from CdO and S 8-56607
 Lambiet-Collier, M. *see* Maisin, J.R. 8-69153
 Lambird, B.A. *see* Ipavich, F.M. 8-86733
 Lambotte, L. *see* Bachy, J.-L. 8-81026
 Lamboy, M. *see* Lucas, J. 8-65258
 Lambrecht, R.M. *see* Merrill, J.C. 8-80966
 Lambropoulos, P. *see* Agostini, P. 8-58632
 Lambropoulos, P. *see* Georges, A.T. 8-94220
 Lambropoulos, P. *see* Hogan, P.B. 8-70808
 Lamden, D.I. *see* Mostinskiy, I.L. 8-75191
 Lamden, D.I. *see* Mostinskiy, I.L. 8-90998
 Lamden, K.S. *see* Volgin, V.M. 8-69448
 Lamehi-Rachti, M., Mittag, W. Spin correlation
 measurement in proton-proton scattering and
 comparison with the theories of the local hid-
 den variables 8-54649
 Lamers, H.J.G.L.M., Rogerson, J.B., Jr. The
 expanding envelope of τ Sco (B0 V)
 8-65613
 Lamers, H.J.G.L.M., Stalio, R., Kondo, Y. A
 study of mass loss from the mid-ultraviolet
 spectrum of α Cygni (A2 Ia), β Orionis (B8
 Ia), and η Leonis (A0 Ib) 8-93217
 Lami, H. *see* Glasser, N. 8-58744
 Lamola, A.A. *see* Blumberg, W.E. 8-53554
 Lamont, L.T. RF/EMI from RF-induced gas
 discharges used for sputter deposition and
 sputter etching 8-71566
 Lamont, P.J. *see* Hunt, B.L. 8-59422
 Lamontagne, R.A. *see* Wilkniss, P.E. 8-85642
 Lamot, G.H. *see* Elbaz, E. 8-54767
 Lamot, G.H. *see* Giraud, N. 8-78210
 Lamotte, M. *see* Merle, A.-N. 8-91928
 Lamoureux, M. *see* Combet Farnoux, F.
 8-82702
 Lamouroux, B. *see* Boyer, G.R. 8-69453
 Lampe, F.W. *see* Perkins, G.G.A. 8-68903
 Lampel, G. *see* Cavenet, B.C. 8-80252
 Lampert, M.A. *see* Pankove, J.I. 8-51677
 Lamphere, D.A. *see* Alderson, J.C. 8-62245
 Lampi, L., Sanlin, P., Zlobec, P. Events of type
 III at high time resolution, recorded at the
 Trieste Astronomical Observatory; description
 of instrumentation for obtaining and reduction
 of polarimetric data 8-96458
 Lampton, M. Transmission matrices in electroac-
 oustics 8-51027
 Lampton, M. *see* Cash, W. 8-93228
 Lampton, M. *see* Margon, B. 8-93252
 Lampton, M. *see* Paresse, F. 8-93232
 Lamsa, J.W., Fortney, L.R., Goshaw, A.T.,
 Loos, J.S., Robertson, W.J., Walker, W.D.,
 Shephard, W.D., Bishop, J.M., Biswas, N.N.,
 Cason, N.M., Kenney, V.P.,
 Schwarzschild, B.M., Hartner, G., Levman, G.,
 Sreedhar, V.A., Yoon, T.S., Patel, P.M. Multi-
 particle rapidity clustering in 200 GeV/c ππ
 interactions 8-54658
 Lamy, P. *see* Koutchmy, S. 8-61809, 8-89140
 Lamy, P.L. Optical properties of silicates in the
 far ultraviolet 8-53875
 Lamy, Ph.L. *see* Cenalmor, V. 8-96402
 Lamzin, S.A. *see* Bisnovatyi-Kogan, G.S.
 8-96482
 Lan Vo Ky *see* Vo Ky Lan
 Lan-Chan Chu *see* Kung-Ynag Liao 8-59229

- Landi Degl'Innocenti, E.** Hyperfine structure and line formation in a magnetic field. II. Numerical calculations of Zeeman components 8-77482
- Landim, P.M.B., Pisani, J.F., Bosio, N.J.** Application of Mahalanobis' D^2 to the distinction of sedimentation environments 8-61388
- Landini, M.** Technical observation and critical discussion of X-ray and ultraviolet emission 8-96460
- Landini, P., Spiga, G., Premuda, F.** Polynomial solutions to the tensorial differential equations for monoenergetic neutrons in slab and sphere geometries 8-50232
- Landman, U., Shlesinger, M.F.** Stochastic theory of bimolecular, heterogeneous, surface catalytic reactions 8-95955
- Landolf, M., Yafet, Y.** Spin polarization of electrons field emitted from single-crystal iron surfaces 8-60553
- Landolt, D.** see Mathieu, H.J. 8-76958
- Landolt, M., Campagna, M., Wilkens, B.** Chemisorption and surface magnetism: H on Ni (100) 8-95510
- Landolt, M., Yafet, Y., Wilkens, B.** Electron spin polarisation in field emission from 3d ferromagnets 8-68607
- Landolt, M., Yafet, Y., Wilkens, B., Campagna, M.** Positive spin polarization in field emission from Ni (110) and demagnetization by hydrogen adsorption 8-52646
- Landolt, R.** see Jih-Hung Chiu 8-58857
- Landolt, R.R.** see Graham, B.W. 8-85387
- Landraud, A.** Transaxial tomography by an optical method: application to refractive index measurement of optical fibres 8-66778
- Landreau, J.** see Bouley, J.C. 8-87059
- Landrum, J.H.** see Illige, J.D. 8-94027
- Landry, J.-C., Cupelin, F.** Method of air quality evaluation by means of daily profiles 8-92969
- Landry, M.J., Phipps, G.S., Robertson, C.E.** Measurement of diffraction efficiency, SNR, and resolution of single- and multiple-exposure amplitude and bleached holograms 8-71059
- Landsberg, H.E., Groveman, B.S., Hakkariinen, I.M.** A simple method for approximating the annual temperature of the northern hemisphere 8-81345
- Landsberg, H.E.** see Harnack, R.P. 8-85641
- Landsberg, L.G.** see Golovkin, S.V. 8-78218, 8-89919
- Landsberg, P.T.** Generalized equipartition 8-49603
- Landsberg, P.T.** A thermodynamic proof of the inequality between arithmetic and geometric mean 8-73952
- Landsberg, P.T., Tranah, D.** The Gibbs paradox and quantum gases 8-49588
- Landshoff, P.V., Polkinghorne, J.C.** Fermion corrections for deuterium targets 8-82348
- Landstreet, J.D., Borra, E.F.** The magnetic field of sigma Orionis E 8-93268
- Landstreet, J.D.** see Borra, E.F. 8-53950
- Landuyt, J.** van see Van Landuyt, J.
- Landuyt, J.** van see Van Landuyt, J.
- Landwehr, G.** see Englert, T. 8-60228
- Landwehr, G.** see Englert, Th. 8-88041
- Landwehr, G.** see Neugebauer, T. 8-60225
- Landwehr, G.** see Saffert, R. 8-71761
- Lane, A.D., Jones, R.W., Hamel, D.** Fuel technology for denatured thorium cycles in CANDU reactors 8-86620
- Lane, A.L., Hamrick, E., Boggess, A., Evans, D.C., Gull, T.R., Schiffer, F.H., III, Turnrose, B., Perry, P., Holm, A., Macchetto, F., Gondhalekar, P.M., Hunt, G.E., Wilson, R., Owen, T.C., Moos, H.W., Tomasko, M.V., Gehrels, T., Conway, R., Barth, C.A.** IUE observations of Solar System objects 8-93133
- Lane, A.L.** see Boggess, A. 8-96383
- Lane, A.L.** see Boksenberg, A. 8-96540
- Lane, A.M.** Giant resonances: unification of different approaches 8-54671
- Lane, A.M., Dittich, T.R., Mitchell, G.E., Bिल्пуч, E.G.** New probe of line broadening with resolvable fine structure: the 'Off-diagonal strength function' 8-78381
- Lane, B.** see Klein, M.D. 8-81017
- Lane, D.D., Stukel, J.J.** Aerosol deposition on a flat plate 8-87380
- Lane, E.J.** see Proto, A.V. 8-73238
- Lane, J.A.** Relative importance of tropospheric and precipitation scatter in interference and co-ordination 8-73423
- Lane, K.D.** see Eichten, E. 8-78143
- Lane, N.F.** see Cohen, J.S. 8-66652
- Lane, R.** see Rosen, I. 8-53506
- Lane, T.F.** see Amols, H.I. 8-53508
- Langford, W.A., Rand, M.J.** The hydrogen content of plasma-deposited silicon nitride 8-63949
- Lang, A., Hershkovitz, N.** Multidipole plasma density 8-94929
- Lang, D.B.** see Marling, J.B. 8-63060
- Lang, D.V.** see Casey, H.C., Jr. 8-95371
- Lang, D.W., Cook, J.L.** Phase equivalent potentials in reaction matrix theory 8-58131
- Lang, G.** see Kutterer, G. 8-57068
- Lang, H.** see Henning, J. 8-70146
- Lang, H.** de see de Lang, H.
- Lang, I.G.** see Gol'tsev, A.V. 8-80343
- Lang, I.G.** see Ivchenko, E.L. 8-60452
- Lang, J.** see Bodek, K. 8-62547
- Lang, J.** see Grekov, F.F. 8-63726
- Lang, J.** see Jarczyk, L. 8-78353
- Lang, J.** see Unternahrer, J. 8-50203, 8-70552
- Lang, K.G.** see Bhattacharya, R.S. 8-84664
- Lang, K.R., Willson, R.F.** Impact-broadening theory confirmed by observations of radiofrequency recombination lines in W51 8-54019
- Lang, K.R., Willson, R.F.** A comparison of optical and radio wavelength observations of CH in the diffuse interstellar medium 8-93356
- Lang, L., Kallio-Turala, B.** Spectroscopic investigations of diffuse scattering systems 8-62229
- Lang, N.D., Williams, A.R.** Atomic chemisorption on simple metals: Chemical trends and core-hole relaxation effects 8-76909
- Lang, N.D., Williams, A.R.** Theory of atomic chemisorption on simple metals 8-84066
- Lang, P.** see Hoffmann, G.W. 8-62674
- Lang, R.H.** Path integral approach to forward scattering in random media 8-62979
- Lang, S.** see Guenther, K. 8-71449
- Lang, S.B.** Litterative guide to pyroelectricity. VI. 1977 8-95552
- Lang, W.** see Wohlfarth, H. 8-78428
- Langacker, P., Segre, G., Golshani, M.** Gauge theory of weak and electromagnetic interactions with an SU(3) x U(1) symmetry 8-58153
- Langacker, P.** see Kim, J.E. 8-82200
- Langacker, P.** see Sidhu, D.P. 8-86435
- Langanke, K., Frekers, D.** Microscopic investigations of the backward angle anomaly in elastic α - ^{40}Ca scattering 8-74382
- Langbein, U., Lederer, F.** The effect of a plane parallel plate on an arbitrary optical field 8-82907
- Langbein, W.** Determination of the πN -coupling constant from a simultaneous analysis of all invariant amplitudes in terms of rational series 8-58199
- Langdon, A.B.** Magnetic field transport in laser-fusion targets 8-59637
- Langdon, A.B.** see Barnes, C. 8-51312
- Langdon, A.B.** see Thomson, J.J. 8-59638
- Langdon, T.G., Gifkins, R.C.** Observations on the analysis of interdependent creep processes 8-80594
- Langdon, T.G., Mohamed, F.A.** The characteristics of independent and sequential creep processes 8-52921
- Langdon, T.G., Mohamed, F.A.** A simple method of constructing an Ashby-type deformation mechanism map 8-56703
- Langdon, T.G., Mohamed, F.A.** Ductility and fracture in a superplastic alloy 8-60819
- Langdon, T.G.** see Shi, S.-A. 8-52891
- Langdon, T.G.** see Shen, S.A. 8-64584
- Lange, A.** Roukens de see Roukens de Lange, A.
- Lange, C.** see Wahl, F. 8-88735
- Lange, C.A.** De see De Lange, C.A.
- Lange, D., Wolf, K.** An additional facility for an oscilloscope, to measure single stochastic signals 8-74031
- Lange, F.F.** Reaction of iron with Si_3N_4 materials to produce surface pitting 8-76778
- Lange, F.F., Diaz, E.S.** Powder-cushion gripping to promote good alignment in tensile testing 8-92418
- Lange, F.F.** see Gupta, T.K. 8-68683
- Lange, F.F.** see Radford, K.C. 8-80695
- Lange, H.** The existence of instationary flows in incompressible micropolar fluids 8-63465
- Lange, J.** see Kim, H. 8-80202
- Lange, M.** see Fritze, K. 8-77609
- Lange, N.** see Zancheva, L. 8-88571
- Lange, P., Huhnerfuss, H.** Drift response of monomolecular slicks to wave and wind action 8-69364
- Lange, P.G.** de see de Lange, P.G.
- Lange, R.** ADPIC—a three-dimensional particle-in-cell model for the dispersal of atmospheric pollutants and its comparison to regional tracer studies 8-92967
- Lange, R.A.** see Peyton, B.J. 8-57369
- Lange, S.R., Breaud, R.P., Greynolds, A.W.** APART, a first-order deterministic stray radiation analysis program 8-59116
- Lange, W., Mlynck, J.** Quantum beats in transmission by time-resolved polarization spectroscopy 8-58640
- Lange, W.J., Singleton, J.H.** Evaluation of a turbomolecular pump 8-77924
- Lange, W.J.** see Yang, T.F. 8-54894
- Lange, Yu.V., Marinov, S.G.** Feasibility of a standardless check for impedance flaw detectors 8-53158
- Lange, Yu.V., Murashov, V.V.** Ultrasonic time method of testing multilayered constructions by means of normal waves 8-72959
- Lange, Yu.V., Sergeicheva, L.N., Rozhdestvenskaya, M.K., Petrova, A.P., Shnyrev, P.D., Treskin, S.A.** A method of joining a contact tip to a transducer 8-53086
- Lange, Yu.V.** see Vinogradov, N.V. 8-60954
- Langelaar, J., Hesp, H.M.M., Bebelaar, D., Van Voorst, J.D.W.** Picosecond dephasing of coherently excited vibrations in liquid N_2/Ar mixtures 8-62813
- Langelaar, J.** see Rettschnick, R.P.H. 8-58789
- Langenberg, D.N.** see Yeh, J.T.C. 8-80102
- Langenberg, K.J.** see Zimmer, H. 8-57269
- Langenbrunner, H.** see Fuge, R. 8-91038
- Langenwalter, M., Grossl, M., Mark, T.D.** Hollow cathode stationary afterglow apparatus 8-63619
- Langer, G.** Theoretical and experimental investigations of the non-isothermal flow in a high pressure loaded viscometer 8-67292
- Langer, G., Roethe, A., Roethe, K.-P., Gelbin, D.** Heat and mass transfer in packed beds. III. Axial mass dispersion 8-75200
- Langer, H., Versmold, H.** Signal to noise improvement in simple spectroscopic line shape studies 8-65981
- Langer, J.** Unusual properties of the aniline black: does the superconductivity exist at room temperature? 8-80089
- Langer, K.** see Abu-Eid, R.M. 8-85545
- Langer, S., Buzzelli, G.** Cesium transport and isotopic fractionation in fuel rods. IV 8-82453
- Langer, S., Lawroski, H.** Relative occupational risks of plutonium and ^{233}U fuels 8-94101
- Langer, S.** see Buzzelli, G. 8-86609
- Langer, S.H., Griffith, T.D.** The multicolumn chromatographic reactor 8-92590
- Langer, S.H., Ross, R.R., McCray, R.** Optically thick X-ray transfer: The shell game 8-65488
- Langer, W.D.** see Goldsmith, P.F. 8-65666
- Langeveld, W.G.J.** see Eggenhuisen, H.H. 8-58250
- Langevin, D., Rondelez, F.** Sedimentation of large colloidal particles through semidilute polymer solutions 8-95965
- Langevin, D.** see Destor, C. 8-80375
- Langevin, D.** see Selegny, E. 8-85328
- Langevin, M.** see Detraz, C. 8-74341
- Langevin, M.** see Naulin, F. 8-50078
- Langevin-Joliot, H.** see Duhamel, G. 8-93928
- Langford, C.H., Tong, J.P.K.** Preferential solvation in kinetics 8-73017
- Langford, G., Cunningham, R.E.** Steel casting by diffusion solidification 8-52792
- Langhans, L.** Resonance structures in the free-free cross section of e^- -Ar scattering 8-74763
- Langhans, L.** see Andrick, D. 8-74762
- Langhoff, S.R., Chong, D.P.** Semirigorous bounds for the dipole moments and transition moments of the LiH molecule 8-78635
- Langhoff, S.R.** see Arnold, J.O. 8-58746
- Langhoff, S.R.** see Jaffe, R.L. 8-50604
- Langkau, R.** Scintillation decay of deuterated liquid scintillators 8-55096
- Langkau, R.** Scintillation decay of liquid scintillators in relation to injection energy 8-55097
- Langkau, R.** Scintillation-decay and neutron-gamma-discrimination properties of the NE 238 fast liquid scintillator 8-55101
- Langkau, R.** see Krause, H. 8-74520, 8-94155
- Langlet, J.** see Clavierie, P. 8-73130
- Langley, R.A., Blewer, R.S., Peercy, P.S.** Surface preparation effects on blister formation and stress buildup in polycrystalline vanadium 8-95094
- Langley, R.A., Blewer, R.S., Roth, J.** Behavior of implanted D and He in pyrolytic graphite 8-95071
- Langley, R.A.** see Borders, J.A. 8-95630
- Langley, R.A.** see Pope, W.M. 8-67308
- Langlie, A.** see Storetvedt, K.M. 8-85478
- Langlois, W.E.** Iterative solution of finite width foil-bearing problems 8-77691
- Langmuir, C.H., Vocke, R.E., Jr., Hanson, G.N., Hart, S.R.** A general mixing equation with applications to Icelandic basalts 8-53625
- Langouche, F., Tirapegui, E.** Summing up perturbation theory in a solvable nonrenormalizable model 8-74129
- Langouche, G., Dezi, I., Van Rossum, M., De Bruyn, J., Coussment, R.** On the existence of a quadrupole interaction at ^{57}Fe implanted in Si and Ge 8-92005
- Langouches, G.** see Rots, M. 8-52395
- Langreth, D.C.** Surface energy of metals—revisited 8-91528
- Langreth, D.C.** see Monnier, R. 8-84282
- Langston, C.A.** Moments, corner frequencies, and the free surface 8-85492
- Langston, C.A.** The February 9, 1971 San Fernando earthquake: a study of source finiteness in teleseismic body waves 8-92781
- Langway, C.C., Jr.** see Weiss, H.V. 8-77303

- Lanham, R.** *see* Turchi, P.J. 8-54902
- Lanier, R.G.**, Struble, G.L., Mann, L.G., Proctor, I.D., Heikkinen, D.W. On the stability of a ground-state rotational structure for the transition nucleus ^{152}Eu 8-93929
- Lanier, R.G.** *see* Dupzyk, R.J. 8-70670
- Lanier, R.G.** *see* Rouse, R.J., Jr. 8-86503
- Lanier, R.G.** *see* Sheline, R.K. 8-78237
- Lanier, R.G.** *see* Struble, G.L. 8-66212
- Lanier, R.G.** *see* von Egidy, T. 8-66215
- Lanin, V.P.** *see* Anisimov, V.I. 8-70624
- Lanir, M.**, Levinstein, H. Diffusion of Cd-In alloy into lead-tin telluride 8-91348
- Lanir, M.**, Lockwood, A.H., Levinstein, H. Absorption edge shift in lead-tin telluride 8-88308
- Lanios, K.** *see* Kirk, H.G. 8-82252
- Lanios, K.** *see* Otter, G. 8-82251
- Lankard, J.R.** *see* Bethune, D.S. 8-80725, 8-94296
- Lankford, A.J.** *see* Cobb, J.H. 8-62469, 8-89749
- Lankford, J.** *see* Davidson, D.L. 8-64678
- Lankford, J.** *see* Gardner, C.G. 8-52313
- Lankford, W.F.** Physics of energy and environmental technology: an experimental interdisciplinary course 8-61958
- Lankford, W.F.** *see* Bieman, L.H. 8-68272
- Lankis, L.K.**, Osipova, I.L., Tkachev, G.N. Effect of high-resistance horizons of horizontal laminated medium on MTS results in the field of electric dipole located on the ionosphere surface 8-69290
- Lanner, G.** The telemetric brain pressure measurement—a novel method of continuous registration of intracranial pressure states 8-85403
- Lanners, R.** *see* Schwitz, W. 8-78002
- Lanning, D.D.** Instruction related to reactor safety as offered by the MIT nuclear engineering department 8-58378
- Lannoo, M.** *see* Djafari-Rouhani, B. 8-84278
- Lannutti, J.E.** *see* Harris, R. 8-82242
- Lanou, R.E.** *see* Cutts, D. 8-78380, 8-89746
- Lanovets, V.S.** *see* Poznyukov, Yu.P. 8-72935
- Lanphere, M.A.** Displacement history of the Denali fault system, Alaska and Canada 8-88805
- Lanphere, M.A.**, Blake, M.C., Jr., Irwin, W.P. Early Cretaceous metamorphic age of the South Fork Mountain Schist in the northern Coast Ranges of California 8-81114
- Lanshoff, P.V.** Deep inelastic processes 8-82222
- Lansinger, J.M.** *see* Kreiss, W.T. 8-85751
- Lanskaya, T.G.**, Merkulov, I.A., Chudnovskii, F.A. Hysteresis effects at the semiconductor-metal phase transition in vanadium oxides 8-88006
- Lansky, P.** *see* Bohdanecky, Z. 8-96040
- Lanteigne, J.** *see* Bailon, J.P. 8-92341
- Lantos, T.**, Poppe, K. Biological effects of optical radiations; evaluation of the biologically active radiation 8-57040
- Lantov, Kh.** *see* Kirakosyan, A.A. 8-72074, 8-72075
- Lantratov, V.M.** *see* Alferov, Zh.I. 8-68081
- Lantschner, G.** *see* Baragiola, R.A. 8-80446
- Lantsev, I.A.** *see* Gismatullin, Yu.R. 8-86553
- Lanto, L.J.**, Nieminen, R.M. The optimal BDJ-type ground state of the charged boson gas 8-54295
- Lantukh, V.M.**, Kuz'min, A.A., Kozlov, V.I. A portable digital ultrasonic thickness gauge 8-92427
- Lantukh, V.M.**, Sipakov, N.P. Ultrasonic defectoscopy for testing annular welds 8-53090
- Lantuu, L.** *see* Tsydykov, Ch.Ts. 8-81335
- Lantzman, E.P.** *see* Doroschuk, V.E. 8-90984
- Lanver, U.**, Lehmann, G. Luminescence spectra of Mn(II) in different symmetries 8-80400
- Lanyi, S.** Electrical conductivity of NaCl/graphite interface 8-52060
- Lanyi, S.** Coupling of interface charge transfer to bulk transport properties of ionic crystals 8-95183
- Lanz, L.** *see* Barchielli, A. 8-49718
- Lanza, C.** *see* Sahni, O. 8-67451
- Lanza, C.** *see* Woodall, J.M. 8-95368
- Lanza, F.** *see* Ricolfi, T. 8-57888
- Lanza, R.** *see* Osborne, L.S. 8-66267, 8-70381
- Lanzeroth, L.J.**, MacLennan, C.G. Oscillations of the Sun and the geomagnetic field 8-89013
- Lanzerotti, L.J.**, Hasegawa, A., MacLennan, C.G. Hydromagnetic waves as a cause of a SAR arc event 8-93026
- Lanzerotti, L.J.**, MacLennan, C.G., Evans, C. Association of ULF magnetic variations and changes in ionospheric conductivity during substorms 8-88994
- Lanzerotti, L.J.**, Webb, D.C., Arthur, C.W. Geomagnetic field fluctuations at synchronous orbit. II. Radial diffusion 8-96359
- Lanzerotti, L.J.** *see* Agrawal, S.P. 8-89019
- Lanzerotti, L.J.** *see* Anderson, C.W. 8-85477
- Lanzerotti, L.J.** *see* Arthur, C.W. 8-96358
- Lanzerotti, L.J.** *see* Cheng, A.F. 8-89116
- Lanzerotti, L.J.** *see* MacLennan, C.G. 8-81507
- Lanzetta, L.** *see* Nordmeyer, H. 8-96252
- Lanzi, G.** *see* Azzoni, C.B. 8-52350
- Lao, L.L.**, Conn, R.W., Kesner, J. Single-particle orbits in a tandem mirror 8-79456
- Laogun, A.A.**, Newman, D.L., Gosling, R.G. Comparison of pulse wave velocity measured by Doppler shifted ultrasound and electromagnetic flowmetry 8-69229
- Lapatovich, W.P.** *see* Pritchard, D.E. 8-86871
- Lapedes, A.S.** Euclidean quantum field theory and the Hawking effect 8-73732
- Laperashvili, L.V.** Dual amplitudes of interactions between baryonions 8-54620
- Lapeyre, G.J.** *see* Anderson, J. 8-56566
- Lapeyre, G.J.** *see* Smith, R.J. 8-95678
- Lapeyre, G.J.** *see* Williams, G.P. 8-91742
- Lapicciarella, A.** *see* Gastaldi, L. 8-75623
- Lapidus, I.I.** *see* Anikin, V.K. 8-51833
- Lapidus, L.I.** Polarization phenomena in hadronic collisions at small momentum transfer 8-58196
- Lapidus, L.I.** *see* Kopeliovich, B.Z. 8-74235
- Lapiedra, R.** *see* Fustero, F.X. 8-69982
- Lapierre, F.** *see* Haen, P. 8-80088
- Lapierre, H.** *see* Beblen, J. 8-77238
- Lapierre, H.** *see* Desmet, A. 8-61365
- Lapierre, J.**, Sills, M. Holographic visualisation of surface acoustic waves 8-75023
- Lapierre, M.F.** *see* Berrada, A. 8-52106
- Lapierre, P.** *see* Belanger, P.-A. 8-79049
- Lapierre, Y.** *see* Schmitt, J.P.M. 8-78871
- Lapikas, L.** *see* Bellicard, J.B. 8-54669
- Lapin, A.D.** Sound attenuation in a multimode waveguide by means of periodic wall irregularities and inhomogeneities 8-83147
- Lapin, A.D.** Sound field of volume-velocity sources in a multimode waveguide with periodic boundaries 8-94463
- Lapin, A.D.** Efficiency of a multichamber sound reflector 8-94500
- Lapin, A.N.** *see* Yaroshevich, V.D. 8-64607
- Lapin, E.G.** *see* Grushko, Yu.S. 8-71699
- Lapin, P.G.** *see* Il'ina, V.P. 8-84986
- Lapin, V.V.**, Popov, Yu.W., Shchurin, Yu.P. The ZID-1 acoustic flux detector 8-53140
- Lapina, L.P.** *see* Birbrair, B.L. 8-89783
- Lapkin, V.M.** *see* Gol'dberg, Yu.A. 8-74059
- Lapointe, P.L.**, Roy, J.L., Morris, W.A. What happened to the high-latitude palaeomagnetic poles? 8-65181
- Laporte, J.L.**, Rousset, Y. Triplet diffusion excitons in diphenyl crystals 8-63985
- Lapos, R.E.**, Suhl, H. Anomalies in adsorption equilibrium near critical points of the substrate 8-79895
- Laposa, J.D.** *see* Singh, H. 8-52550
- Lapouille, A.** *see* Dubois, J. 8-73349
- Lappo, A.P.** *see* Vol'kenshtein, I.A. 8-89569
- Lappo, D.D.**, Ivanova, S.V., Kaplun, V.V., Mishchenko, S.S., Shestakov, Yu.N. The kinematic characteristics of travelling waves 8-67205
- Lappo, D.D.** *see* Dement'yev, M.A. 8-65779
- Lapraz, D.** *see* Baumer, A. 8-95612
- Lapshin, R.M.** *see* Shemagin, I.M. 8-90832
- Lapshin, V.I.** Achromatic internal modulation in polarizing submillimeter Fourier-interferometer 8-65959
- Laptev, I.D.** *see* Bykovskii, Yu.A. 8-61097
- Laptev, V.A.** *see* Klimenkova, N.T. 8-52581
- Laptev, V.M.** *see* Izumov, Yu.A. 8-68276, 8-88127, 8-88128
- Laptev, V.V.** *see* Izvozchikov, V.A. 8-86396
- Laptev, V.V.** *see* Zhuvagin, I.G. 8-93002
- Laptii, S.V.** *see* Vatulev, V.N. 8-51453
- Lapuyade, C.** *see* Clark, A.G. 8-89751, 8-89759
- Lapwood, E.R.**, Sato, R. The asymptotic distribution of torsional eigenfrequencies of a spherical shell. III 8-92798
- Lapwood, E.R.** *see* Sato, R. 8-88800, 8-92797
- Lapworth, A.J.** *see* Jakubovics, J.P. 8-64214
- Lapworth, K.C.**, Harrison, D.J. Determination of temperature and differential scattering cross-sections from rotational Raman scattering of laser radiation at 488.0 nm 8-62200
- LaRana, G.** *see* Rothbard, G. 8-82279
- LaRabastier, D.C.**, Hong, S.O. Fatigue tests with small coils of filamentary Nb₃Sn 8-64652
- LaRabastier, D.C.**, Smathers, D., Remsbottom, R. Properties of some filamentary superconductors with the C15 crystal structure 8-64173
- Larcher, Th.** *see* Broser, E. 8-50352
- Larchev, V.I.**, Popova, S.V. High pressure polymorphs of niobium dichalcogenides 8-51459
- Larchez, M.** *see* Hilgendorf, A.D. 8-69950
- Lardat, C.** Surface acoustic wave components 8-51013
- Larher, Y.** 'Phase transitions' between dense monolayers of atoms and simple molecules on the cleavage face of graphite, with particular emphasis on the transition of nitrogen from a fluid to a registered monolayer 8-56034
- Larher, Y.** *see* Gilquin, B. 8-75941
- Larher, Y.** *see* Robert, P. 8-56040
- Lari, C.**, Vettolani, G., Zamorani, G. On the nature of low surface brightness galaxies 8-96532
- Lari, C.** *see* Ekers, R.D. 8-96530
- Lari, C.** *see* Fanti, C. 8-73766
- Larikov, L.N.**, Dneprenko, V.N. Nature of structure formation under hydrostatic extrusion 8-56696
- Larikov, L.N.**, Isaichev, V.I., Maksimenko, E.A., Belkov, B.M. On the mechanism of lithium diffusion in single-crystal molybdenum 8-84007
- Larikov, L.N.**, Usov, Yu.V. On temperature dependence of specific heats for iron-nickel invar alloys 8-56341
- Larikov, L.N.** *see* Baklanova, L.M. 8-83772
- Larikov, L.N.** *see* Dubovitskaya, N.V. 8-59810
- Larin, K.** *see* Tal'roze, V.L. 8-53699
- Larin, L.A.** *see* Burshtein, R.Kh. 8-60187
- Larin, N.V.** *see* Kovalev, I.D. 8-64902
- Larionov, M.M.** *see* Gusev, V.K. 8-59666
- Larionov, O.V.** Chronopotentiometry as a method for measuring electric double-layer capacity in the presence of a reversible electrochemical reaction 8-80753
- Larionov, V.P.**, Tarasova, T.N. The corona discharge ignition characteristics in air at high frequency voltage 8-67589
- Larionov, V.P.** *see* Mosch, W. 8-67575, 8-67576
- Larionova, N.P.** *see* Gladshtein, L.I. 8-85080
- Larionova, V.G.** *see* Boos, E.G. 8-62530
- Larionova, V.G.** *see* Shabratova, G.S. 8-82359
- Larisch, E.** Steady states of weakly dissipative systems 8-81918
- Larkin, A.I.**, Lee, P.A. Tunneling of solitons and charge-density waves through impurities 8-51913
- Larkin, A.I.**, Mel'nikov, V.I. Energy distribution of X-ray photoelectrons 8-88405
- Larkina, V.I.** *see* Kovner, M.S. 8-69564
- Larkins, F.P.** Semi-empirical models for Auger electron energy calculations 8-50519
- Larkins, F.P.** The role of L-LM Coster-Kronig processes in Auger spectroscopy 8-56548
- Larkins, F.P.** Semiempirical Auger-electron energies for elements $10 \leq Z \leq 100$ 8-62774
- Larminat, P.M.** *see* de Larminat, P.M.
- Larock, B.E.** *see* Owen, E.W. 8-51263
- LaRock, J.G.** *see* Swyt, D.A. 8-82021
- LaRouche, R.** *see* Vanier, J. 8-78984
- LaRouche, S.**, Mikkola, D.E. Shock hardening behavior of Cu-8.7 Ge at very short pulse durations 8-80560
- Laroye, G.J.**, Taylor, W.B., Miller, R.G., Phillips, R.A. Optical-electronic device for rapid counting and volume determination of suspended particles of 15-1000 μm in diameter 8-57894
- Larabee, D.A.** *see* Lovelace, R.V. 8-67395
- Larracy, N.** *see* Truong, V.V. 8-80428
- Larrieu, A.J.** *see* Syracuse, D.C. 8-69254
- Larsen, A.O.** *see* Segalstad, T.V. 8-85533
- Larsen, B.** Studies in statistical mechanics of Coulombic systems. III. Numerical solutions of the HNC and RHNC equations for the restricted primitive model 8-67630
- Larsen, D.M.** *see* Stoelinga, J.H.M. 8-87996
- Larsen, E.M.** *see* Abdel-Khalik, S.I. 8-58425
- Larsen, E.W.** Asymptotic theory of the linear transport equation for small mean free paths. II 8-70078
- Larsen, E.W.** *see* D'Arruda, J. 8-54117
- Larsen, E.W.** *see* Kriegsmann, G.A. 8-78908
- Larsen, H.** *see* Rush, S. 8-77038
- Larsen, H.** *see* Zaveri, K. 8-55543
- Larsen, H.C.** Offshore continuation of East Greenland dyke swarm and North Atlantic Ocean formation 8-73352
- Larsen, J.** A harbour theory for wind-generated waves based on ray methods 8-69354
- Larsen, J.E.** *see* Balslev, I. 8-86339
- Larsen, J.S.** *see* Fernandez, B. 8-94043
- Larsen, J.W.**, Livesay, B.R. Magnetic properties of SmCo₅ hydride films 8-68306
- Larsen, L.H.** Surface waves and low frequency noise in the deep ocean 8-81184
- Larsen, M.F.** *see* Bhatnagar, V.P. 8-88876
- Larsen, M.L.**, Repko, W.W. The use of the symmetric group in the construction of multipinor Lagrangians 8-58115
- Larsen, P.K.**, Smith, N.V., Schluter, M., Farrell, H.H., Ho, K.M., Cohen, M.L. Surface energy bands and atomic position of Cl chemisorbed on cleaved Si (111) 8-56041
- Larsen, P.K.** *see* Smith, N.V. 8-95674
- Larsen, P.S.**, Jensen, J.W. Evaporation rates of drops in forced convection with superposed transverse sound field 8-51224
- Larsen, R.C.** *see* Morse, W.M. 8-89858
- Larsen, R.D.**, Brown, L.H., Bjarnagard, B.E. Calculations for beam-flattening filters for high-energy X-ray machines 8-65126
- Larsen, R.R.** *see* Himel, T. 8-78157
- Larsen, R.R.** *see* Tanenbaum, W. 8-66113
- Larsen, S.** *see* Balslev, I. 8-86339
- Larsen, S.Y.** *see* Beronardo, M. 8-71828
- Larsen, T.B.** *see* Kanapilly, G.M. 8-76929
- Larsen, T.R.** *see* Imhof, W.L. 8-93040
- Larsen, U.** Spin glass to Kondo transition 8-68266
- Larser, J.T.** *see* Slivinsky, V.W. 8-59672

- Larson, B.C., White, C.W., Appleton, B.R. Unidirectional contraction in boron-implanted laser-annealed silicon 8-71747
- Larson, D. *see* Bebek, C.J. 8-66128
- Larson, D.A. *see* Fowler, A.C. 8-85617
- Larson, D.J. *see* Blumberg, W.A.M. 8-55148
- Larson, D.J. *see* Economou, N.P. 8-90129
- Larson, E.H. *see* Tseng, J.K.F. 8-95967
- Larson, H.P. Airborne infrared astronomical observations by Fourier transform spectroscopy 8-61747
- Larson, H.P. *see* Fink, U. 8-61791
- Larson, H.P. *see* Treffers, R.R. 8-61790
- Larson, K.B. *see* Raichle, M.E. 8-69183
- Larson, L.A. *see* Dickinson, J.T. 8-92179
- Larson, M.A. *see* Garside, J. 8-68613
- Larson, R.A. Electronics system for the 150 kV negative ion test stand at BNL 8-54934
- Larson, R.B. A finite-particle scheme for three-dimensional gas dynamics 8-67218
- Larson, R.B. Calculations of three-dimensional collapse and fragmentation 8-77552
- Larson, R.E., Bressan, D.J. Automatic radon counter for continual unattended operation 8-73539
- Larson, R.E. *see* Wilkniss, P.E. 8-85642
- Larson, R.S., McColgan, C.J., Packman, A.B. Jet noise source modification due to forward flight 8-63466
- Larson, S.J. *see* Hosek, R.S. 8-92611
- Larson, S.M. *see* Hegge, F.N. 8-65109
- Larson, T.V. *see* Charlson, R.J. 8-96254
- Larsson, I. *see* Strand, S.-E. 8-85364
- Larsson, K. Lyotropic and multilamellar systems 8-92592
- Larsson, M. *see* Bromander, J. 8-50506
- Larsson, M. *see* Carlson, T.A. 8-78699
- Larsson, M. *see* Duric, N. 8-78756
- Larsson, R., Dozsa, L. The effective charges of FeCl_4^- and PtCl_4^{2-} from infrared and Raman measurements 8-62809
- Larsson, R., Folkesson, B. The use of internal standards for measuring the ESCA chemical shift in coordination compounds of cobalt 8-50585
- Larsson, S. Intense shake-up satellites in ESCA spectra of transition metal, lanthanide and actinide compounds 8-50589
- Larsson, S., Odeblad, E. Satellites in ESCA spectra of Cu^{2+} compounds 8-50590
- Larsson, S.E. *see* Vieu, C. 8-70425
- Larsson, S.J. *see* Lodding, A. 8-68965
- Larsson-Leander, G. Neutron stars and black holes. I 8-69823
- LaRue, J.C., Libby, P.A. Detailed similarity in the turbulent wake of a heated cylinder 8-67200
- Larysz, J. *see* Mampe, W. 8-82566
- Larzilliere, M., Damany, N. Rydberg series of carbon disulfide converging to $\text{A } ^2\Pi_u$ states of CS_2^+ 8-90182
- Larzilliere, M. *see* Tapia, O. 8-62713
- Lasa, H.I. *see* De Lasa, H.I.
- Lasaga, C. *see* Dye, J.L. 8-57205
- Lasalle, J. *see* Adam, J. 8-71473
- Lasalmonie, A. *see* Lacomme, J. 8-84803
- Lascaray, J.P., Merle, P., Nadai, J.P., Segui, F. Magnetic field effect on the optical absorption edge in ferromagnetic EuO 8-95578
- Lascaud, M. *see* Lachter, A. 8-64470
- Lascombe, J. *see* Perrot, M. 8-92084
- Lasek, A. *see* Gokalp, I. 8-59373
- Lashinsky, H. *see* Gore, R. 8-51296
- Lashinsky, H. *see* Ottinger, P. 8-67340
- Lashkarev, G.V., Kikodze, R.O., Orletskii, V.B. Magnetic susceptibility of narrow-gap semiconductor $\text{Rb}_{0.82}\text{Sn}_{0.18}\text{Te}$ within (4.2-300)K 8-84397
- Lashkarev, G.V. *see* Fedorchenko, V.P. 8-84243
- Lashkari, A.K.G. *see* Shanker, J. 8-79559, 8-88275
- Lashko, N.F. *see* Gus'kova, E.I. 8-56672
- Lashko, N.F. *see* Kozlova, M.N. 8-60651
- Lashkov, V.I. *see* Saifiev, R.Z. 8-95701
- Lashmore, D. Stress distribution in tensile specimens for use in transmission electron microscopy 8-73973
- Lashmore, D., Melmed, A.J. Field ion microscopy of polycrystalline iron whiskers 8-84111
- Lashmore-Davies, C.N. *see* Kritz, A.H. 8-91100
- Lashtunov, Yu.P., Mitrofanov, V.N., Rodionov, A.V. The electromagnetic fields of marine tides in Mezen' Bay 8-73378
- Lasinski, B.F. *see* Barnes, C. 8-51312
- Lasinski, T. *see* Longacre, R.S. 8-66151
- Laska, L., Kodymova, J., Krejci, V. The role of N_2 dissociation in magnesium plasma nitridation 8-63628
- Laska, L., Masek, K. Glow discharge in oxygen 8-87560
- Laskar, A.L. The effect of impurity doping on the diffusion of Sr^{2+} in AgCl 8-84002
- Laskar, A.L. *see* Taylor, B.E. 8-52432
- Laskar, W. Practical form of Freudenthal formula for semi-simple Lie algebras of rank 1=2 8-86112
- Lasker, B.M. Studies of N132D, a supernova remnant similar to Cassiopeia A in the Large Magellanic Cloud 8-93345
- Laski, J.D. Transformation of time-distance curves of diving waves into a multilayered model 8-69472
- Laskos, S.J., Jr. *see* Neubert, M.E. 8-51409
- Laskowski, L. *see* Wronski, S. 8-55690
- Laskowski, N. *see* Tobschall, H.J. 8-69390
- Laskowski, R.J. *see* Wang, R.H. 8-68127
- Laskowski, Z. *see* Chojnacki, H. 8-62740
- Laslett, L.J. Some illustrations of stochasticity 8-93606
- Laslett, L.J. *see* Chattopadhyay, S. 8-50329
- Lasocka, M. Thermal evidence of overlapping effects of glass transition and crystallization, derived from two different glassy phases in the phase-separated system $\text{Te}_{80}\text{Ge}_{12.5}\text{Pb}_{7.5}$ 8-83739
- Lass, H.U. *see* Fennel, W. 8-67191
- Lass, J.S. Magnetoresistance of potassium 8-56131
- Lass, J.S. *see* Datars, W.R. 8-55953
- Lass, N.J., Brown, W.S. Correlational study of speaker's heights, weights, body surface areas, and speaking fundamental frequencies 8-65053
- Lassalle, M. *see* Bros, J. 8-54524
- Lassen, L. *see* Caplar, R. 8-78262
- Lassen, M., Bloch, P. Measurements of the effects of X-ray film-screen characteristics on threshold detectability of small low-contrast objects 8-53488
- Lassen, M., Block, P. Theoretical considerations of effects of X-ray film-screen characteristics on threshold detectability of small low-contrast objects 8-53487
- Lasser, R. Determinations of Compton profiles for the metal-hydrogen systems VH_x , VD_x , PdH_x 8-92140
- Lasser, R., Lengeler, B. Compton profiles of vanadium and palladium hydrides 8-84675
- Lasseter, K.C. *see* Zoble, R.G. 8-92761
- Lassetre, E.N. *see* Klump, K.N. 8-66668, 8-94327
- Lassey, K.R. *see* McKellar, B.H.J. 8-50045
- Lassila, K.E. *see* Van Chang 8-74260
- Lassmann, K. A criticism on fuel rod structural analysis 8-82441
- Last, J.R. *see* Bond, A. 8-50387
- Lastman, G.J., Wentzell, R.A., Hindmarsh, A.C. Numerical solution of a bubble cavitation problem 8-79347
- Lastman, G.J. *see* Wentzell, R.A. 8-59433
- Lastovka, R. *see* Oravec, J. 8-55094
- Lastovka, V.V. *see* Georgobiani, A.N. 8-87700
- Laszewski, R.M. *see* Bowles, T.J. 8-93988
- Laszio, C.A. *see* Robert, W. 8-65036
- Latanision, R.M., Oppenheimer, H., Jr., Westwood, A.R.C. The influence of surface charge density on the fracture of zinc single crystal electrodes 8-68787
- Latanowicz, L. *see* Pajak, Z. 8-56389
- Latas, K.J., Nishimura, A.M. Heavy atom effects on the phosphorescent triplet states of several aromatic molecules 8-70858
- Lategan, A.H., Harrison, E.R. Comment on the dark night sky paradox 8-86070
- Latham, D.W. An echellogram of Saturn 8-96426
- Latham, J. *see* Choularton, T.W. 8-85662
- Latham, J. *see* Gaskell, W. 8-73485
- Latham, V. *see* Hunt, J.L. 8-80904
- Lather, D. *see* Ries, K. 8-60927
- Lathouwers, L. On the treatment of symmetry properties in the generator coordinate method 8-49699
- Lathrop, J.D. The Doppler and gravitational components of the cosmological redshift 8-86041
- Lathrop, J.D. *see* Comer, R.P. 8-81729
- Lathrop, J.F. *see* Chen, H.H. 8-55100
- Lathrop, J.W. *see* Prince, J.L. 8-73553
- Latimer, C.J. Radiative and transition probabilities of xenon atoms in highly excited states 8-86817
- Latimer, J.S. *see* Colburn, H.S. 8-92637
- Latimer, P. Determination of diffractor size and shape from diffracted light 8-78901
- Latimer, T.W. Interaction between hyperstoichiometric (U,Pu)C and molten stainless-steel shroud material 8-86592
- Latishov, K.S. *see* Nangaladze, A.A. 8-53768
- Latouche, C. *see* Alauerie, J. 8-65343
- Latourrette, B., Devalette, M., Guillen, F., Fouassier, C. Double oxides of lead and manganese 8-80525
- Latsch, K., Morell, F., Rampf, H. Subcooled forced convection boiling heat transfer at subatmospheric pressure 8-94525
- Latta, E.E. *see* Bonzel, H.P. 8-87851
- Lattanzi, F. *see* Di Lauro, C. 8-74698, 8-94186, 8-94280
- Lattimer, J.M., Ravenhall, D.G. Neutron star matter at high temperatures and densities. I. Bulk properties of nuclear matter 8-89812
- Lattuada, M. *see* Arena, N. 8-74381
- Laty, P. *see* Ixanov, B. 8-84029
- Latyev, L.N. *see* Shestakov, E.N. 8-94566
- Latynin, Yu.M. *see* Zadorozhnyi, V.I. 8-68021
- Latypov, F.R. *see* Zysin, V.A. 8-59456
- Latyshev, V.K. *see* Valuev, N.P. 8-53099, 8-53148
- Latyshev, V.V. *see* Katal'nikova, I.N. 8-79819
- Latysheva, V.A. *see* Grigor'eva, E.G. 8-83965
- Latzel, G. *see* Bechtold, V. 8-55065
- Lau, A.M.F. Laser-induced molecular predissociation without absorption or emission of laser photons 8-82796
- Lau, A.S. The narcissus effect in infrared optical scanning systems 8-59151
- Lau, B., Pozzi, G. Off-axis electron micro-holography of magnetic domain walls 8-82080
- Lau, B. *see* Mollenstedt, G. 8-89591
- Lau, C.L. Oxidation of tin: An ESCA study 8-72920
- Lau, C.W., Argon, A.S. Stress concentrations caused by grain boundary sliding in metals undergoing power-law creep 8-60732
- Lau, K.F. *see* Yen, K.H. 8-59251
- Lau, K.H., Kohn, W. Indirect long-range oscillatory interaction between adsorbed atoms 8-71997
- Lau, K.H. *see* Cubicciotti, D. 8-91432
- Lau, K.J., Chow, C.L. A finite element analysis for determining Dugdale model solutions of cracked bodies 8-67116
- Lau, N.-C., Tennekens, H., Wallace, J.M. Maintenance of the momentum flux by transient eddies in the upper troposphere 8-73435
- Lau, P.C.M., Brebbia, C.A. The cell collocation method in continuum mechanics 8-77711
- Lau, S.S., Mayer, J.W., Tu, K.N. Interactions in the Co/Si thin-film system. I. Kinetics 8-79823
- Lau, S.S., Tseng, W.F., Nicolet, M.-A., Mayer, J.W., Eckardt, R.C., Wagner, R.J. Epitaxial growth of deposited amorphous layer by laser annealing 8-79899
- Lau, S.S., Tseng, W.F., Nicolet, M.-A., Mayer, J.W., Minnuci, J.A., Kirkpatrick, A.R. Heteroepitaxy of deposited amorphous layer by pulsed electron-beam irradiation 8-84079
- Lau, S.S. *see* Tseng, W.F. 8-95059
- Lau, Y.Y. *see* Bertin, G. 8-54053
- Laubereau, A., Fischer, S.F., Spanner, K., Kaiser, W. Vibrational population lifetimes of polyatomic molecules in liquids 8-74665
- Laubereau, A., Kaiser, W. Vibrational dynamics of liquids and solids investigated by picosecond light pulses 8-94414
- Laubereau, A. *see* Seilmeier, A. 8-94331
- Laubert, R., Sellin, I.A., Vane, C.R., Suter, M., Elston, S.B., Alton, G.D., Thoe, R.S. Z, velocity, and target-material dependence of convoy electrons from solids 8-84692
- Laubert, R. *see* Basbas, G. 8-62895
- Laubert, R. *see* Suter, M. 8-78796
- Lauberts, A. *see* Bergwall, N.A.S. 8-77497
- Laubitz, M.J., Leavens, C.R., Taylor, R. On the supposed failure of the Boltzmann equation to describe the high-temperature nonlinear electrical resistivity of Nb 8-91664
- Laubitz, M.J. *see* Gupta, K.G. 8-53064
- Laublin, G. *see* Guichard, M. 8-65079
- Laubscher, H.P. Foreland folding [Swiss Alps] 8-81141
- Lauck, H. *see* Kruger, F.J. 8-80751
- Lauckner, J. *see* Finke, J. 8-63957
- Laud, B.B., Kulkarni, V.W. Photoluminescence of $\text{SrS}:\text{Cu}$ phosphors 8-80393
- Laud, K.R., Logothetis, E.M., Otto, K. Electrical properties of PrFeO_3 and Pr_2NiO_4 8-91694
- Laudan, R. *see* Battalucci, S. 8-50037
- Laude, L.D. *see* Wautelet, M. 8-91614
- Laudet, A., Jardinier-Offergeld, M., Bouillon, F. A LEED-AES study of aluminium surface segregation in copper-aluminium alloys during adsorption and oxidation under low O_2 pressure 8-75932
- Laudise, R.A. *see* Barns, R.L. 8-72712
- Laudise, R.A. *see* Kolb, E.D. 8-60562
- Lauer, D.T. *see* Billingsley, F.C. 8-96330
- Lauer, E.J., Briggs, R.J., Fessenden, T.J., Hester, R.E., Lee, E.P. Measurements of hose instability of a relativistic electron beam 8-83544
- Lauer, G. *see* Hase, H.-L. 8-74800
- Lauer, H. *see* Hausler, E. 8-83502
- Lauer, J., Keune, W., Gonser, U., Williamson, D.L. Hyperfine interactions in metastable Fe-rich FeCu thin film alloys 8-52398
- Lauer, J.L., Peterkin, M.E. Infrared emission microinterferometry: evidence for alignment of fluid bearing lubricants 8-58013
- Lauffer, W. *see* Herberg, G. 8-53068
- Laug, M.T. *see* Lambert, J.D.B. 8-70588
- Laughlin, C. One- and two-photon ionisation of the 3s and 3p states of Na I 8-50512
- Laughlin, C. $2^3\text{P}_{0,1}^o 1\text{S}_0$ and $3^3\text{P}_{0,1}^o 1\text{S}_0$ intercombination-line transitions in helium-like ions 8-70771
- Laughlin, C., Constantinides, E.R., Victor, G.A. Two-valence-electron model-potential studies of the Be I isoelectronic sequence 8-70788
- Laughlin, D.E. *see* Nesbit, L.A. 8-52752

- Laughlin, R.B.**, Joannopoulos, J.D. Effect of second-nearest-neighbour forces on the vibrations of amorphous SiO_2 8-59915
- Laughlin, R.B.**, Joannopoulos, J.D. Theory of surface and interface phonons in bonded solids 8-71931
- Laughlin, R.B.**, Joannopoulos, J.D. Theory of surface phonons in amorphous silica 8-84044
- Laughon, D.H.** *see* Burnett, L.J. 8-70987
- Laugier, A.** *see* Marine, J. 8-68553
- Laukhe, Yu.** *see* Tairov, Yu.M. 8-59797, 8-92044
- Laukhin, V.N.**, Kotov, V.N., Khidkel', M.L., Shchegolev, I.F., Yagubovskii, E.B. The high pressure metallic phase in tetraselenotetracene chloride, $(\text{TSeT})_2\text{Cl}$ 8-95316
- Laukmanis, L.** *see* Bochkans, P. 8-91537
- Laulicht, I.** On the drastic temperature broadening of hard mode Raman lines of ferroelectric KDP type crystals near T_c 8-88296
- Laun, H.M.** Description of the nonlinear shear behaviour of a low density polyethylene melt by means of an experimentally determined strain dependent memory function 8-67161
- Laun, H.M.** *see* Wagner, M.H. 8-87318
- Launay, J.** *see* Marshall, J.F. 8-73347
- Launay, J.C.** *see* Choukroun, S. 8-64476
- Lauder, B.E.** *see* Gibson, M.M. 8-61498
- Launey, S.** *see* Thoret, J. 8-95024
- Launois, D.** *see* Adam, J. 8-71473
- Launspach, J.** *see* Billon, D. 8-58490
- Lauppe, W.D.** *see* Dehesa, J.S. 8-50087
- Lauppe, W.-D.**, Sistemich, K., Khan, T.A., Lawin, H., Sadler, G., Selic, H.A., Schult, O.W.B. The level scheme of the doubly magic nucleus ^{132}Sn 8-54668
- Laupretre, F.**, Noel, C., Monnerie, L. Dynamics of macromolecular chains. VI. Carbon 13 and proton nuclear magnetic relaxation of polystyrene in solution 8-55267
- Laupretre, F.**, Noel, C., Monnerie, L. Dynamics of macromolecular chains. VII. Nuclear magnetic relaxation of monosubstituted polystyrenes in solution 8-56393
- Laura, P.A.A.** Numerical experiments on the determination of unsteady state temperature distribution in domains of complicated boundary shape 8-51039
- Laura, P.A.A.**, Gutierrez, R.H., Sarmiento, G.S., Basombrio, F.G. Thermal stresses in rectangular plates: variational and finite element solutions 8-51082
- Laura, P.A.A.**, Luisoni, L.E., Ficcadenti, G. On the effect of different edge flexibility coefficients on transverse vibrations of thin, rectangular plates 8-83294
- Laura, P.A.A.**, Sarmiento, G.S. Heat flow shape factors for circular rods with regular polygonal concentric inner bore 8-51048
- Laura, P.A.A.** *see* Filipich, C. 8-90740
- Laura, P.A.A.** *see* Gutierrez, R.H. 8-90751
- Laura, R.** *see* Fernandez, L. 8-66027
- Laurent, A.**, Fonteix, C., Charpentier, J.-C., Besson, G. Pilot-scale study of absorption with chemical reaction in a venturi-jet scrubber 8-81393
- Laurent, C.** *see* Vidal-Madjar, A. 8-93352
- Laurent, D.** *see* Besse, P. 8-81030
- Laurent, D.** *see* Callaway, J. 8-91608
- Laurent, F.** *see* Brun, P. 8-80939
- Laurent, H.** *see* Schapira, J.P. 8-70505
- Laurent, J.** *see* Ajinenko, I.V. 8-58206
- Laurent, J.** *see* Granet, P. 8-93913
- Laurent, Ph.** *see* Burg, J.P. 8-77223
- Laurin, M.**, Cabana, A. High resolution infrared spectrum of the ν_1 band of $^{14}\text{N}^{16}\text{O}_2$ 8-55173
- Lauro, C.** *di see* di Lauro, C.
- Lauro, C.** *Di see* Di Lauro, C.
- Laursen, J.** *see* Hanke, C. 8-85558
- Laursen, M.E.**, Gellert, M. Improved equilibrium finite elements 8-75067
- Lausch, R.N.** *see* Christensen, R.C. 8-77089
- Laustsen, S.** *see* Bergwall, N.A.S. 8-77497
- Laustsen, S.** *see* Niss, B. 8-61895
- Lauterbach, C.** *see* Graw, G. 8-54788
- Lauterbach, M.J.** Upper limit on D production in proton-nucleon interactions 8-70413
- Lauterbach, M.J.** *see* Morse, W.M. 8-89858
- Lauterborn, D.** Evolutionary model computations for globular cluster X-ray sources 8-61932
- Lauterborn, D.**, Zeuge, W. Static stellar models with helium cores. II. Linear series of a $7 M_\odot$ star with varying helium core mass 8-65603
- Lauterborn, W.** *see* Ebeling, K.J. 8-74860
- Lautz, G.**, Sachse, K. Noise spectra of hot carriers in n-germanium 8-76083
- Lautz, G.** *see* Hoyer, W. 8-95388
- Laval, G.** *see* Ara, G. 8-71463
- Laval, G.** *see* Ramani, A. 8-67320
- Laval, J.-P.**, Papiernik, R., Frit, B. $\alpha\text{-BaZrF}_6$: A structure with the anion complex $[\text{Zr}_2\text{F}_{12}]^{4-}$ 8-51477
- Laval, J.Y.** Precipitation (exsolution) in garnet-type oxide 8-84815
- Lavan, M.J.** Simple technique for precise changes in laser beam frequency 8-74932
- Laven, H.**, Otter, G., Rudolph, G., Wiczorek, H., Hartmann, R., Emans, H., Hodous, M.F., Morrison, D.R.O., Porth, P., Triantis, F.A. Amplitude analysis of the reaction $\pi^+\text{p} \rightarrow (\pi^+\pi^-)\Delta^{++}$ in the rho-region at 16 GeV/c 8-66163
- Laven, H.** *see* Bockmann, K. 8-93912
- Laven, H.** *see* Grassler, H. 8-62466
- Lavenda, B.H.** Probability functionals and nonequilibrium critical phenomena 8-54327
- Lavenda, B.H.** Thermodynamics of irreversible processes 8-54330
- Laverdet, G.** *see* Poulet, G. 8-64817
- Lavergnat, J.** *see* Sylvain, M. 8-93036
- Lavergne, A.**, Whalley, E. Steel pressure vessels for hydrostatic pressures to 50 kilobars 8-70151
- Laverick, C.** *see* Hsieh, S.Y. 8-54925
- Laverne, A.** *see* Chauvin, J. 8-89803
- Laverne, A.** *see* Durand, J.L. 8-93997
- Laverova, V.L.** *see* Gorobets, B.S. 8-84654
- Lavers, J.D.**, Biringer, P.P., Hollitscher, H. A simple method of estimating the minor loop hysteresis loss in thin laminations 8-90342
- Laverty, W.H.** *see* Komanduri, R. 8-56784
- Lavigne, P.**, Lachambre, J.-L., Otis, G. TEA-laser emission on the sequence bands of CO_2 8-71075
- Lavigne, P.** *see* Lachambre, J.L. 8-63127
- Lavigne, P.** *see* Lachambre, J.-L. 8-55362
- LaVilla, R.E.** Unusually broad X-ray emission lines: $\text{L}_{\gamma_{2,3}}$ ($\text{L}_{\gamma_{2,3}}$) spectra of ^{50}Sn , ^{52}Te and ^{53}I 8-62760
- LaVilla, R.E.** Tellurium valence-band X-ray spectrum L_{γ_4} ($\text{L}_{\gamma_{2,3}}$) 8-84682
- Lavilla, R.E.** *see* Deslattes, R.D. 8-62280
- Laville, H.**, Bernier, J.C., Sanchez, J.P. Magnetic properties of a new $\text{BaO} \cdot \text{Fe}_2\text{O}_3 \cdot \text{Na}_2\text{O}$ glass 8-88123
- Laville, J.L.** *see* Bizard, G. 8-54643
- Laville, J.L.** *see* Plouin, F. 8-74364
- Lavin, M.F.** Postreplication repair in mammalian cells after ultraviolet irradiation. A model 8-80918
- Laviola, M.** *see* Minkoff, J. 8-73580
- Laviron, E.** Theory of regeneration mechanisms in thin layer potential sweep voltammetry 8-53291
- Lavlov, V.M.** Formation of laser beam by nonconfocal optical systems 8-71132
- Lavollee, M.** *see* Depautex, C. 8-62236
- Lavollee, M.** *see* Grimbert, D. 8-74689
- Lavopa, P.** *see* Cutts, D. 8-78380, 8-89746
- Lavoshnik, A.S.** *see* Podgornii, A.N. 8-67022
- Lavrenchik, V.N.** *see* Bigler, V.I. 8-94776
- Lavrenko, P.N.** Influence of the diffusion spreading of the sedimentation boundary on the accuracy and resolving power of the velocity sedimentation method 8-76934
- Lavrent'ev, A.A.** *see* Vygodskaya, N.N. 8-61617
- Lavrentev, F.F.**, Bosin, M.E. The peculiar effect of forest dislocations on single twin layer development in zinc and beryllium single crystals 8-63775
- Lavrentev, F.F.**, Salita, O.P., Sokolsky, S.V. Effect of 'deformational' and thermal annealing on the stability of dislocation structure in Zn crystals 8-64567
- Lavrent'ev, I.V.** *see* Anisimov, A.M. 8-94359
- Lavrent'ev, O.A.** *see* Karpukhin, V.I. 8-83603
- Lavrent'eva, L.G.**, Vilisova, M.D., Kataev, Yu.G., Porokhovichenko, L.P. Growth of gallium arsenide at different input supersaturations in the gas-transport system $\text{Ga-AsCl}_3\text{-H}_2$. III. Electrophysical properties of epitaxial layers 8-68098
- Lavrin, A.** *see* Molnar, F. 8-60656
- Lavrinenko, I.A.** *see* Naichik, Yu.V. 8-60910
- Lavrinovich, B.M.** *see* Veinberg, V.B. 8-83109
- Lavrinovich, N.N.**, Savel'ev, Yu.V. Delay of the secondary emission response using storage commutation by a slow electron beam 8-88386
- Lavrinovich, V.A.** *see* Kovaltchuck, B.M. 8-67444
- Lavrov, A.V.**, Pospelov, V.A. Displacement of plane laminar streams of relaxation gas allowing for relaxation 8-87048
- Lavrov, B.P.** *see* Gryaznevich, M.P. 8-67492
- Lavrov, V.I.** *see* Davydov, B.A. 8-50787
- Lavrov, V.N.** *see* Yuliseyev, P.G. 8-82971
- Lavrov, Ye.I.** *see* Bayevich, A.V. 8-55671
- Lavrukina, A.K.**, Gorin, V.D., Ustinova, G.K. The anomalous processes of 1971-1974 in the solar system according to data on the radioactivity of the recently fallen 'Gorlovka' chondrite 8-61695
- Lavrushko, A.G.** *see* Benderskii, V.A. 8-52562, 8-76512
- Lavryashina, T.V.** *see* Melik-Gaikazyan, I.Ya. 8-51536
- Law, C.K.** Deflagration and extinction of fuel droplet in a weakly-reactive atmosphere 8-64840
- Law, F.H.** *see* Wellek, R.M. 8-80727
- Law, M.E.** *see* Snyder, J.H. 8-89738
- Lawaczek, R.** Intervesicular lipid transfer and direct fusion of phospholipid vesicles: A comparison on a kinetic basis 8-96034
- Lawande, S.V.** *see* Khandekar, D.C. 8-77762
- Lawangar, R.D.** Thermally stimulated conductivity in CaS:Pd phosphors 8-76088
- Lawes, G.P.**, March, N.H. Bound on lowest-order gradient correction in kinetic energies of atoms 8-62709
- Lawes, G.P.**, March, N.H., Yusuf, M.S. Relation between non-relativistic neutral atom and ionic binding energies 8-90054
- Lawin, H.** *see* Lauppe, W.-D. 8-54668
- Lawin, H.** *see* Pfeiffer, B. 8-78323
- Lawler, J.E.** *see* Anderson, C.J. 8-77997
- Lawler, J.E.** *see* Anderson, L.W. 8-69373
- Lawless, P.J.** *see* Fraser, D.G. 8-57179
- Lawless, W.N.** Debye temperatures of ferroelectrics 8-51639
- Lawley, K.L.** *see* Reisinger, A.R. 8-66899
- Lawley, K.P.** Collisional energy transfer to methane by octupole coupling 8-62881
- Lawn, B.R.** *see* Marshall, D.B. 8-76731, 8-95865
- Lawrence, C.C.** High temperature post manufacture heat treatment of thermoplastics 8-52853
- Lawrence, D.M.** *see* Slavin, S. 8-53276, 8-95969
- Lawrence, F.V.** *see* Carlson, K.W. 8-53178
- Lawrence, L.A.**, Weber, J.W., Devary, J.L. Analysis of fuel-cladding chemical interaction at high burnup 8-86584
- Lawrence, L.A.** *see* Hata, D.C. 8-86583
- Lawrence, P.D.** *see* Boyd, D.C. 8-53386
- Lawrence, P.J.** The performance of a computer program in separating normal from non-normal electrocardiograms 8-81046
- Lawrence, R.J.** *see* Herrmann, W. 8-90769
- Lawrenko, W.A.**, Tikusch, W.L., Senkow, W.S., Kramez, W.A., Nasarenko, K.W., Werestchak, W.M. Adsorption of molecular and atomic hydrogen on the surfaces of MgO , $\alpha\text{-Al}_2\text{O}_3$ and $\alpha\text{-SiO}_2$ single crystals 8-51825
- Lawrie, I.D.** Dimensional crossover in quantum and finite-size Ising models 8-95444
- Lawrie, I.D.**, Fisher, M.E. Scaling functions for quantum crossover 8-68249
- Lawroski, H.** *see* Langer, S. 8-94101
- Laws, E.M.**, Livesey, J.L. Flow through screens 8-59483
- Laws, G.T.** *see* Walkden, F. 8-51190
- Laws, K.L.** Energy in the atmosphere 8-69951
- Laws, P.**, Platte, H.-J. A method of producing a dummy head for head-related stereophonic recording techniques 8-61286
- Laws, P.** *see* Blauert, J. 8-69105
- Lawson, A.C.** Low-temperature crystal structures and superconductivity of $(\text{Hf}_{1-x}\text{Zr}_x)\text{V}_2$ alloys 8-51474
- Lawson, C.G.**, Kois, J.P. The helium liquefier-refrigerator and distribution system for the Large Coil Program test facility 8-50398
- Lawson, C.G.**, May, J.R. The helium distribution system for the Large Coil Test Facility (LCTF) 8-55001
- Lawson, D.R.**, Winchester, J.W. Sulfur and trace element concentration relationships in aerosols from the South American continent 8-57245
- Lawson, J.D.** Reversed field pinch reactor study. I. Physical principles 8-58470
- Lawson, J.E.** An analog safety data link 8-54938
- Lawson, J.Q.**, Newman, W.G., Sivo, A.J. Megawatt power for ion cyclotron heating 8-70635
- Lawson, J.Q.** *see* Bowen, O.N. 8-66404
- Lawson, N.S.** *see* Guenault, A.M. 8-54119
- Lawson, R.**, Ramey, H.H., Jr. Comparison of cotton fibre fineness and maturity on air-flow instruments 8-88591
- Lawson, R.B.** *see* Levy, M.M. 8-56990
- Lawson, R.P.W.** *see* Amano, J. 8-52687
- Lawson, W.D.** (editor) Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.110. Industrial and Civil Applications of Infrared Technology 8-58042
- Lawther, K.R.** *see* Beattie, D.R.H. 8-90986
- Lawther, K.R.** *see* Green, W.J. 8-50246
- Lawton, R.A.**, Young, M. Photodetectors lose dynamic range with modulated signals 8-74057
- Lawton, R.A.** *see* Young, M. 8-54453
- Lawton, R.G.** *see* Murphy, H.D. 8-61618
- Lawton, S.A.**, Phelps, A.V. Excitation of the $b^1\Sigma^+_g$ state of O_2 by low energy electrons 8-86958
- Lawton, S.L.** *see* Kokotqilo, G.T. 8-87657
- Lax, B.** *see* Drozdowicz, Z. 8-79000
- Lax, B.** *see* Safran, S.A. 8-68490
- Lax, B.** *see* Weiler, M.H. 8-68383
- Lax, M.** Junction current and luminescence near a dislocation or a surface 8-68079
- Lay, G.** *Le see* Le Lay, G.
- Lay Nam Chang, Mansouri, F.** Nonlinear gauge fields and the structure of gravity and supergravity theories 8-77791

- Lay Nam Chang**, Mansouri, F. Locally super-symmetric theories with model-independent transformation laws 8-93819
- Lay Nam Chang** see Barnett, R.M. 8-66105
- Laycock, L.C.** see Black, J.J. 8-64906
- Layer, H.P.** The iodine stabilized laser as a realization of the length unit 8-87068
- Layly, V.,** Schaffer, R. High energy alpha scattering on nuclei 8-66293
- Layter, J.** see Baum, L. 8-89758
- Layton, M.R.,** Carome, E.F., Hardy, H.D., Bucaro, J.A. Effects of diffraction on stress pulse propagation 8-90568
- Layton, R.G.** Ellipsometric study of light-induced changes in silver iodide thin films 8-56537
- Lazar, K.,** Konczos, G. Decarburization rate of some iron-nickel alloys 8-60882
- Lazarenko, B.R.,** Lazarenko, N.I. Passage of electric current through electrolyte 8-64847
- Lazarenko, N.I.** see Lazarenko, B.R. 8-64847
- Lazarenko, P.V.** see Il'yushonok, A.S. 8-85420
- Lazareth, O.** see Yu, W.S. 8-62653
- Lazareth, O.W.** see Welch, D.O. 8-55269
- Lazarev, A.I.** Optical studies from space 8-85815
- Lazarev, A.N.,** Ignat'ev, I.S. Normal coordinates of molecules of hexafluorodisilicone $F_3SiOSiF_3$ and the structure of vibration bands of the silicone bridge 8-70814
- Lazarev, A.N.** see Pavinich, V.F. 8-72508
- Lazarev, E.M.** see Zaitsev, A.A. 8-52697
- Lazarev, G.G.** see Dobryakov, S.N. 8-90101
- Lazarev, V.A.** Form of the tropocollagen macromolecule 8-95999
- Lazarev, V.B.,** Shaplygin, I.S. Electrical conductivity of platinum metal-nonplatinum metal double oxides 8-51990
- Lazarev, V.B.** see Alikhanyan, A.S. 8-53238
- Lazarev, V.B.** see Bazakutsa, V.A. 8-51834
- Lazarev, V.B.** see Tishchenko, E.A. 8-67424
- Lazareva, L.E.** see Gurevich, G.M. 8-78348
- Lazareva, L.E.** see Zapevalov, V.A. 8-86561
- Lazarini, F.** Rubidium hexabromobismuthate(III) 8-75638
- Lazaro, C.** see Rieckel, C. 8-55786
- Lazarova, M.S.,** Marinov, V.M., Mikhailov, M.I., Apostolov, D., Ivanov, Ts. On some optimum conditions in the implementation of instrumental neutron-activation analysis of biological objects 8-85280
- Lazarovich, D.** see Dorchoman, D. 8-78570
- Lazaruk, A.M.** see Ivakin, E.V. 8-71794, 8-82934
- Lazarus, A.J.** see Coles, W.A. 8-89033
- Lazarus, D.** see Allen, P.C. 8-51733
- Lazarus, D.M.** see Carroll, A.S. 8-93917
- Lazarus, M.S.,** Doyle, R.F., Sham, T.K. A study of shake-up satellites in Co 2p photoelectron spectra of trans- $[Co(NH_3)_4Cl_2]Cl$ and cis- $[Co(NH_3)_4Cl_2]Cl$ isomers 8-82783
- Lazenas, G.-L.B.,** Mikuckis, J.-R., Minetas, A.A. Investigation precision characteristics of goniometric instruments 8-74119
- Lazier, R.J.D.** see Coatsworth, L.L. 8-74700
- Lazis, B.I.** Reuse of developers 8-54487
- Laz'ko, V.A.** see Pelekh, B.L. 8-63330
- Laznicka, M.** Investigation of GeS (001) 8-84034
- Laznow, J.,** Drawbridge, B.L., Hamawi, J.N. A modified variable trajectory puff advection model for airborne effluents 8-94149
- Lazo, B.** see Bely, V.V. 8-73569
- Lazo, G.** see Corcoran, M.D. 8-70417
- Lazorenko, V.M.** see Ivanov, L.I. 8-95775
- Lazrus, A.L.** see Huebert, B.J. 8-88904
- Lazukin, V.N.** see Bogomolova, L.D. 8-72399, 8-88180
- Lazukin, V.N.** see Er'makovich, K.K. 8-72409
- Lazukova, N.I.,** Gubanov, V.A. Quadrupole coupling in VO_2 8-87948
- Lazuta, A.V.,** Maleev, S.V., Toperverg, B.P. Tripled dynamic magnetization fluctuation correlations in ferromagnets and the feasibility of their investigation by means of polarized neutrons 8-88133
- Lazutin, E.V.** see Ishkhanov, B.S. 8-78573
- Lazzarella, L.** see Coiro, V.M. 8-66699
- Lazzari, M.** see McKechnie, J.S. 8-93498
- Lazzarini, A.J.,** Cosman, E.R., Sperduto, A., Steadman, S.G., Thoms, W., Young, G.R. Population of resonant $^{12}C+^{12}C$ states via the reaction $^{12}C(^{16}O, \alpha)^{24}Mg$ 8-62563
- Lazzarini, E.** see Para, A.F. 8-95988
- Lazzaro, E.** Stochastic heating of an ion beam by lower hybrid waves 8-83586
- Lazzeretti, P.,** Zanasi, R. Perturbed Hartree-Fock calculations: Electric and magnetic properties of water in static fields 8-50462
- Lazzeri, F.,** Legitimio, I., Minguzzi, P. New method to display diffraction patterns 8-86069
- Lbov, A.A.** see Druzhinin, A.A. 8-82351
- Le, B.** see Grunke, U. 8-54378
- Le, T.Q.** see Van Zyl, B. 8-94313
- Le Bach Yen** On the radio properties of the proton region (June-July, 1974) 8-89142
- Le Balleur, J.-C.** Viscous-inviscid flow matching: numerical method and applications to two-dimensional, transonic and supersonic flows 8-79334
- Le Berre, S.,** Hareng, M. Electric field effects in the smectic A phase 8-91237
- Le Beyec, Y.** see Cabot, C. 8-70563
- Le Blanc, L.R.** see Sternberger, W.I. 8-53742
- Le Bornec, Y.** see Couvert, P. 8-78383
- Le Bras, G.** see Jourdain, J.L. 8-74673
- Le Bras, G.** see Poulet, G. 8-64817, 8-85125
- Le Brun, C.** see Berger, J. 8-70525
- Le Brun, C.** see Bizard, G. 8-54643
- Le Brun, C.** see Plouin, F. 8-74364
- le Calve, J.** see Dutuit, O. 8-90113
- Le Contellec, M.,** Morin, F. An investigation of metal-insulator-semiconductor structures with Al_2O_3 insulating layers obtained by electron gun evaporation 8-84310
- Le Dang Khoi, Veillet, P.,** Campbell, I.A. Hyperfine fields at sp elements on Mn sites in Heusler alloys 8-84496
- Le Dang Khoi, Veillet, P.,** Campbell, I.A. Hyperfine fields and magnetic interactions in Heusler alloys 8-88222
- Le Dang Khoi** see Grover, A.K. 8-76320
- Le Dinh Dao** see Lewandowski, W. 8-60512
- Le Dorneuf, M.** Correlation effects in low energy electron scattering and in photoabsorption 8-58842
- Le Dorneuf, M.** see Berrington, K.A. 8-74558
- Le Duff, J.** Beam-beam interaction in e^+e^- storage rings 8-78894
- Le Duff, Y.,** Gharbi, A. Collision-induced scattering at a vibrational Raman frequency 8-62814
- Le Flem, G.** see Parent, C. 8-63724
- Le Flem, G.** see Reau, J.M. 8-51731
- Le Flem, G.** see Salmon, R. 8-79582
- Le Floch, A.** see Stephan, G. 8-55337
- Le Floch, J.** see Merle, J. 8-96227
- Le Floch, M.** see Loacé, J. 8-95420
- Le Gall, H.** see Desvignes, J.M. 8-52652
- Le Gall, H.** see Fadly, M. 8-95577
- Le Gall, H.** see Guillot, M. 8-95406
- Le Gall, H.** see Leycuras, C. 8-68482
- Le Gall', H.** see Merkulov, V.S. 8-88285
- Le Gall, H.** see Picard, J. 8-68222
- Le Gall, H.** see Torfeh, M. 8-66904
- Le Goff, D.,** Bettinger, A., Labadens, A. Study of a mode locked oscillator using a $LiYF_4$ crystal doped with neodymium 8-79048
- Le Goff, G.** see Besse, P. 8-81030
- Le Goff, P.** see Valentin, G. 8-83465
- Le Gorrec, B.** see Diard, J.-P. 8-88638
- Le Gouet, J.-L.** A suitable system for studying the effect of velocity-changing collisions in saturated absorption: Xe He 8-86819
- Le Guern, F.** see Allard, P. 8-69316
- Le Lay, G.,** Kern, R. Physical methods used for the characterization of modes of epitaxial growth from the vapor phase 8-87885
- Le Lay, G.** see Derrien, J. 8-84091
- Le Maitre, R.W.,** Ferguson, A.K. The CLAIR data system 8-57325
- Le Moal, M.F.** see Henry, A. 8-58652
- Le Moal, M.F.** see Valentin, A. 8-85651
- Le Montreir, J.P.,** Bescos, J., Santamaria, J. Colour measurements on the polychromatic line spread function. Colorimetric M.T.F. 8-50712
- Le Naavr, R.** see Stephan, G. 8-55337
- Le Noane, G.** see Boullie, R. 8-50908
- Le Page, Y.,** Gabe, E.J. Inhomogeneous mosaicity in extinction correction 8-75494
- Le Page, Y.** see Donnay, J.D.H. 8-79496
- Le Petit, J.P.,** Cabanas, R., Delbos, G., Botreau, A.M., Dutuit, Y., Marzat, C. Dielectric relaxations of emulsions of saline aqueous solutions 8-72459
- Le Pichon, X.,** Francheteau, J. A plate-tectonic analysis of the Red Sea-Gulf of Aden area 8-69320
- Le Pichon, X.** see Hoffer, M. 8-65259
- Le Postollec, M.** see Abasbegovic, N. 8-56484
- Le Provost, C.,** Poncet, A. Finite element method for spectral modelling of tides 8-61579
- Le Quang Rang, Voslamber, D.** Contribution of proton perturbors to the wings to Lyman- α 8-67325
- Le Ralle, J.-C.** see Ferrari, A. 8-58374
- le Roux, H.** Observation of spinel particles in sintered WC-Co hard metal by transmission electron microscopy 8-95714
- Le Rouzo, H.,** Raseev, G., Silvi, B. An efficient method for the transformation of two electron integrals 8-82603
- Le Roy, D.J.** see Mitchell, D.N. 8-86263
- Le Roy, R.J.** see Hepburn, J.W. 8-78767
- Le Roy, R.J.** see Kirschner, S.M. 8-58571
- Le Roy, R.J.** see Liu, W.-K. 8-70894
- le Sage, R.** Vie see Vie le Sage, R.
- Le Si Dang, d'Aubigne, Y.M.,** Romestain, R. Magnetic resonance in relaxed excited states A_X and A_i of Ga^+ in alkali halides 8-72437
- Le Si Dang, Merle D'Aubigne, Y.,** Rasoloarison, Y. Uniaxial stress effect and spin-lattice coupling in the $^3T_{1g}$ relaxed excited states of F centres in CaO 8-72405
- Le Squeren, A.M.** see Lucas, R. 8-61906
- Le Traon, A.** see Perrin, C. 8-67691
- Le Traon, F.** see Perrin, C. 8-67691
- Le Traon, J.Y.** see Beniere, F. 8-67852
- Le Vine, D.M.,** Meneghini, R. Electromagnetic fields radiated from a lightning return stroke: application of an exact solution to Maxwell's equations 8-73442
- Le Yaouanc, A.,** Oliver, L., Pene, O., Raynal, J.C., Sood, S. Can narrow DCI isocalsars by understood as qq excitations? 8-70342
- Le-Huu, T.** see Jordan, I.B. 8-67587
- Lea, K.R.** Highlights of synchrotron radiation 8-74825
- Lea, M.C.** Some results from an interferometric spatial filtering system 8-9051u
- Lea, S.M.** Teaching loads in a small department and self-paced mastery learning 8-49575
- Lea, S.M.,** Holman, G.D. X-ray and radio emission from clusters of galaxies: the heating of intracluster gas by relativistic electrons 8-57655
- Leach, B.** see Myrianthis, M.L. 8-61408
- Leach, C.S.** see Vernikos-Danellis, J. 8-53536
- Leach, M.F.,** Ridley, B.K. On the origin of slow domains in $GaAs:O$ 8-60132
- Leach, M.F.,** Ridley, B.K. Photoconductivity, electron traps and level-broadening in $GaAs:O$ 8-60158
- Leach, M.F.,** Rubin, G.A., Williams, J.C. Particle size distribution characterization from acoustic emissions 8-62179
- Leach, M.F.,** Rubin, G.A., Williams, J.C. Analysis of polydisperse systems of rigid particles from acoustic emissions 8-62180
- Leach, M.F.,** Rubin, G.A., Williams, J.C. Analysis of a Gaussian size distribution of rigid particles from their acoustic emission 8-62181
- Leach, M.O.** see Bell, C.M.J. 8-61247
- Leach, P.G.L.** On a generalization of the Lewis invariant for the time-dependent harmonic oscillator 8-93560
- Leach, R.** see Gursky, H. 8-93459
- Leach, S.,** Devoret, M., Eland, J.H.D. Fluorescence quantum yields of isotopic CO_2^+ ions 8-90200
- Leach, W.M., Jr.** Correction of near-field acoustic measurements made with arbitrary measuring transducers 8-66996
- Leach, W.M., Jr.** see Weaver, J.E. 8-51023
- Leadbetter, A.J.,** Richardson, R.M. Molecular motions in a smectic A phase by incoherent quasi-elastic neutron scattering 8-59740
- Leadbetter, A.J.** see Richardson, R.M. 8-75539, 8-94973
- Leader, E.** see Kroll, P. 8-66139, 8-70395
- Leader, J.C.** Bandpass filtering of moving-object laser heterodyne-signals by finite apertures 8-55306
- Leader, J.C.** The generalized partial coherence of a radiation source and its far-field 8-58903
- Leader, J.C.** Atmospheric propagation of partially coherent radiation 8-65386
- Leader, J.C.** Incoherent backscatter from rough surfaces: the two-scale model reexamined 8-71013
- Leader, J.C.,** Owsley, D.P., Fulkerson, C.R., Dalton, W.A.J., Wilhelm, G.J. Target classification using depolarized multispectral laser scattering 8-50846
- Leadstone, G.S.** High-sensitivity temperature measurement 8-86085
- Leaf, G.** see Lam, N.Q. 8-71757
- Leal, L.G.** see Brenner, H. 8-67828
- Leal, L.G.** see Cohen, C. 8-76481
- Leal, L.G.** see Cormack, D.E. 8-79309
- Leal, L.G.** see Zana, E. 8-90970
- Leamy, H.J.,** Dirks, A.G. Microstructure and magnetism in amorphous rare-earth-transition-metal thin films. I. Microstructure 8-72018
- Leamy, H.J.,** Rozgonyi, G.A., Sheng, T.T., Celler, G.K. Periodic regrowth phenomena produced by laser annealing of ion-implanted silicon 8-67724
- Leamy, H.J.** see Bean, J.C. 8-84078
- Leamy, H.J.** see Dirks, A.G. 8-64230, 8-95487
- Leamy, H.J.** see Schmidt, P.H. 8-93783
- Lean, M.H.,** Jeng, G., Wexler, A. Scattering calculations using the boundary element method 8-90347
- Leanca, M.** see Melinte, S. 8-91259
- Leander, G.** see Ploszajczak, M. 8-70426
- Leander, G.** see Vieu, C. 8-70425
- Leandre, J.** see Gazanhes, C. 8-63225
- Leap, J.W.,** Kim, K.J., Malk, G., Coleman, P.D. Two-photon pumping of a four-level system in ammonia to obtain 12.16 μm radiation for isotope separation 8-90414
- Learned, J.G.** see Smith, J.G. 8-82190

- Leary, K.M.**, Lyman, J.L., Asprey, L.B., Freund, S.M. CO₂ laser induced reactions of SF₅Cl 8-53225
- Leary, K.M.** see Lyman, J.L. 8-94241
- Leason, L.J.** see Alexander, J.A. 8-53400
- Leasure, S.**, Bowman, J.M. Laplace transformation of the Schrodinger equation: Application to scattering 8-57806
- Leasure, S.** see Bowman, J.M. 8-58787
- Leasure, S.C.** see Bowman, J.M. 8-66617
- Leaton, B.R.** see Barraclough, D.R. 8-96133
- Leavens, C.R.**, Taylor, R. First-principles calculation of the high-temperature thermoelectric power of potassium 8-91672
- Leavens, C.R.** see Laubitz, M.J. 8-91664
- Leavitt, C.** see Thomas, W. 8-70392
- Leavitt, G.A.** A 40-kV, 25-ms neutral-beam power supply for TMX 8-62610
- Leavitt, G.A.** Tradeoffs in capacitor bank design 8-74487
- Leavitt, J.A.** see Bashkin, S. 8-78655
- Leavitt, J.A.** see Dietrich, D.D. 8-82685
- Leavitt, M.K.**, Carpenter, D.L., Seely, N.T., Pad-den, R.R., Doolittle, J.H. Initial results from a tracking receiver direction finder for whistler mode signals 8-77429
- Leb, D.W.** see Czerwinski, M.G. 8-73186
- Lebanidze, A.V.** Investigation by the EPR method of two forms of the iron-sulphur centre N-2 in the mitochondria of the bovine heart 8-69014
- Lebedev, V.G.** see Matveev, V.V. 8-64803
- Lebech, B.** see Houmann, J.G. 8-84422
- Lebech, J.** see Braune, W. 8-56379, 8-68045
- Lebech, K.** see Saermark, K. 8-95251
- Lebed, I.V.**, Nikitin, E.E., Umanskii, S.Ya. Collision-induced transitions between the rotational levels of diatomic molecules in II states 8-82825
- Lebedev, A.A.**, Makovetskii, I.V. The anisotropy of yield strengths of carbon steel in relation to the temperature of preliminary and subsequent deformation 8-80612
- Lebedev, A.A.** see Antipov, Yu.M. 8-62581
- Lebedev, A.A.** see Bilan, V.N. 8-64802
- Lebedev, A.A.** see Ecke, W. 8-72292
- Lebedev, A.D.**, Lyagushkin, V.P. Effect of a strong localized disturbance on the properties of an arc in the axial flow of a gas 8-91178
- Lebedev, A.D.** see Gusev, V.K. 8-59666
- Lebedev, A.I.** Influence of temperature on the luminescence spectra of GaSb 8-72594
- Lebedev, A.I.**, Strel'nikova, I.A., Yunovich, A.E. Investigation of the photoluminescence of ternary Ga_{1-x}In_xSb solid solutions 8-72595
- Lebedev, A.K.** see Veklenko, B.A. 8-74870
- Lebedev, A.N.** see Agafonov, A.V. 8-66742
- Lebedev, A.N.** see Voronin, V.S. 8-71016
- Lebedev, D.V.** Assessing the influence of stress concentration under fatigue loading 8-56831
- Lebedev, F.V.** see Gavriluk, V.D. 8-50801
- Lebedev, G.P.** see Vikhrev, B.I. 8-95097
- Lebedev, M.A.** see Andriyakhin, A.M. 8-51386
- Lebedev, M.E.** see Borishchanskii, V.M. 8-55643
- Lebedev, N.F.** see Vereshchagin, A.N. 8-87314
- Lebedev, S.L.**, Ritus, V.I. Dispersional representation of the Lagrangian function for an intense field 8-94361
- Lebedev, S.V.** see Stepanenko, G.S. 8-92941
- Lebedev, T.S.**, Korchin, V.A. Complex experimental studies of elastic properties of rocks under the modelling of PT conditions for the Earth's crust 8-96207
- Lebedev, V.B.** see Nikonenkov, N.V. 8-78041
- Lebedev, V.I.** see Aleshin, V.I. 8-78567
- Lebedev, V.I.** see Gol'din, K.R. 8-89578
- Lebedev, V.M.**, Spassky, A.V., Teplov, I.B., Fateeva, L.N., Ismail, L.Z. A study of the (α , t) reaction on ¹⁹F, ²⁷Al, ⁵¹V and ⁵⁹Co 8-54776
- Lebedev, V.M.** see Zelenskaya, N.S. 8-78337
- Lebedev, V.N.** see Bashkurov, Sh.Sh. 8-72444
- Lebedev, V.P.** see Gorbacheva, I.V. 8-65509
- Lebedev, V.P.** see Gorskii, S.M. 8-65508
- Lebedev, V.P.** see Volchkov, E.P. 8-51215
- Lebedev, V.V.**, Khalatnikov, I.M. Canonical hydrodynamic equations for rotating superfluid ⁴He 8-79835
- Lebedev, V.V.** see Khalatnikov, I.M. 8-91497
- Lebedev, V.V.** see Kolchin, A.A. 8-50428
- Lebedev, V.V.** see Savel'ev, A.A. 8-95818
- Lebedev, Yu.A.** see Ivanov, Yu.A. 8-67539
- Lebedev, Yu.N.** see Kilin, V.S. 8-60857
- Lebedev, Y.S.** see Dobryakov, S.N. 8-90101
- Lebedev, Ya.S.** see Galkin, A.A. 8-86311
- Lebedeva, A.G.** see Alad'ev, I.T. 8-79186
- Lebedeva, E.G.** see Amitin, E.B. 8-51695, 8-51697
- Lebedeva, N.N.**, Agaronov, B.S., Berezhnoi, A.A., Mamedov, A.M., Orbukh, V.I. Photoluminescence, thermoluminescence, and thermally stimulated conductivity of SrTiO₃ single crystals 8-92121
- Lebedeva, N.N.** see Agasiev, A.A. 8-84665
- Lebedeva, T.P.** see Paramonov, A.N. 8-65332
- Lebedeva, V.N.**, Sorokina, E.A., Tagieva, M.M., Shaskol'skaya, M.P. State of anion impurities in alkali halide crystals 8-87736
- Lebedyev, A.A.** see Pisarenko, G.S. 8-71292
- Lebee, G.** see Bregman, M. 8-89768
- Lebel, J.** see Pelletier, E. 8-77274
- Leber, R.E.** see Baisden, P.A. 8-82282
- Leber, R.L.** see Cornish, D.N. 8-54922
- Leberl, F.** see Campbell, W.J. 8-81173
- Lebesgue, J.V.**, Colpa, J.H.P., Bevaart, L. Spin-wave description of the quadratic antiferromagnet with easy-plane anisotropy 8-91855
- Lebey, J.**, Roche, R. Crack propagation initiation in ductile structures 8-68805
- Lebl, M.** see Hartmanova, M. 8-83996
- Leblanc, B.** see Gagne, J.M. 8-86967
- LeBlanc, D.** see Teichholz, L.E. 8-80938
- Leblanc, G.**, Buchbinder, G. Second microearthquake survey of the St. Lawrence Valley near La Malbaie, Quebec 8-61337
- Leblanc, R.M.** see Hotchandani, S. 8-96014
- LeBlond, P.H.**, Mysak, L.A. Waves in the ocean 8-57219
- LeBlond-Routhier, F.** see Menard, H. 8-61090
- Lebo, I.G.** see Afonasyev, Yu.V. 8-83593
- Leboda, R.** Use of the thermal analysis to follow the modification of the skeleton structures of silica gels with alcohols and water vapour 8-88659
- Leboeuf, J.N.**, Tajima, T., Kennel, C.F., Dawson, J.M. Global simulation of the time-dependent magnetosphere 8-88991
- Leboeuf, J.N.** see Tajima, T. 8-58476
- Lebofsky, M.J.**, Rieke, G.H., Kemp, J.C. Infrared photometry and polarimetry of NGC 1068 8-54035
- Lebofsky, M.J.** see Kemp, J.C. 8-85899
- Lebofsky, M.J.** see Thompson, R.I. 8-57636
- Lebovitz, Z.**, Mansour, S., Weinreb, A. Exciton migration and energy transfer in crystalline pyrene 8-79932
- Lebowitz, J.** see Aizenman, M. 8-54287
- Lebowitz, J.L.** see Aizenman, M. 8-93596
- Lebowitz, J.L.** see Ceperley, D. 8-83718
- Lebowitz, J.L.** see Gruber, C. 8-49772
- Lebowitz, J.L.** see Kalos, M. 8-54326
- Lebreton, J.-P.** see Hamelin, M. 8-91086
- Lebrun, A.** see Carpentier, J.-L. 8-79990
- Lebrun, D.** see Buenerd, M. 8-62564
- Lebrun, F.**, Paul, J.A. Gamma rays from dense interstellar clouds 8-54011
- Lebrun, P.** see Brande, H. 8-82317
- Leburton, J.P.**, Evrard, R. Theory of transient high-field conductivity in polar semiconductors 8-79998
- LeBus, J.W.** see Vig, J.R. 8-60858
- Lecante, J.**, Ballu, Y., News, D.M. Electron-surface plasmon scattering using a parabolic non-touching trajectory 8-95328
- Lecante, J.** see Thiry, P. 8-84143
- Lecar, M.** see Cox, L.P. 8-61718
- Lecart, B.** see Darriet, B. 8-95029
- Lecas, M.**, Lahman Bannani, A., Duguet, A. An intensity regulator for electron guns 8-54499
- Lecaveux, A.** see Poqueruss, M. 8-89114
- Lechanoine, C.** see Besset, D. 8-62422
- Lechi, G.M.**, Rampoldi, R., Nanni, T. Ancona: classical and satellite tectonics compared. Correlation between seismic events 8-65246
- Lechner, R.E.** see Bickermann, A. 8-79693
- Lechner, R.E.** see Dickens, M.H. 8-79504
- Leciejewicz, J.** see Ptasiiewicz-Bak, H. 8-72329
- Leciejewicz, J.** see Siek, S. 8-52225
- Leckey, R.C.G.** see Szajman, J. 8-84696
- Leckie, F.A.** The constitutive equations of continuum creep damage mechanics 8-67054
- Leckner, B.** The spectral distribution of solar radiation at the Earth's surface-elements of a model 8-69456
- Leclair, J.**, Schram, D.C. Deviation from local thermal equilibrium in an atmospheric argon arc plasma 8-67604
- Leclair, J.** see Rosado, R. 8-71447
- Leclaire, R.V.** see Harwood, L.H. 8-86720
- Lecler, D.** see Lukaszewski, M. 8-55146, 8-74747
- Leclerc, A.**, Townsend, M.G. Ground state in FeS 8-76363
- Leclercq, G.** see Lafond, C. 8-60681
- Leclercq, J.**, Leclercq, J.M. The first excited singlet valence states of trans-polyenes and α,ω -diphenyl-trans-polyenes 8-74807
- Leclercq, J.F.** see Coumel, Ph. 8-85435
- Leclercq, J.M.** see Leclercq, J. 8-74807
- Leclercq, M.** see Beny, J.M. 8-62242
- Lecoin, D.**, Hochapfel, A., Perron, R., Petit, J. Study of the crystalline polymorphism of new liquid crystals by differential calorimetry 8-51650
- Lecollet, J.F.** see Bizard, G. 8-54643
- Lecomte, M.** see Plumier, R. 8-68168
- Lecomte, P.** Anomalous electron production using the lead glass wall at SPEAR 8-78200
- Lecomte, P.**, Perez-Mendez, V., Stoker, G. Electromagnetic delay lines in spark, proportional and drift chamber applications 8-74547
- Lecomte, P.** see Feller, J.M. 8-66136
- Lecomte, P.** see Jaros, J.A. 8-50042
- Lecomte, P.** see Schaller, D.L. 8-89723
- Lecomte, P.** see Viollier, M. 8-96238
- Lecomte, P.** see Vuillemin, V. 8-93876
- Lecomte, P.** see Bellicard, J.B. 8-54669
- LeCoultré, P.** see Beron, B.L. 8-66064
- Lecoustey, P.** see Adam, J. 8-71473
- LeCraw, R.C.**, Gyorgy, E.M., Wolfe, R., Bonner, W.A., Blank, S.L., Grodkiewicz, W.H. Magnetoresistance in yttrium iron garnet 8-91706
- LeCraw, R.C.** see Bonner, W.A. 8-68322
- LeCraw, R.C.** see Gyorgy, E.M. 8-67857
- Lecuiller, A.** see Plougonven, C. 8-67723
- Lecuiller, M.** see Figache, D. 8-71607
- L'Ecuier, J.** see Terreaux, B. 8-95089
- Ledbetter, H.M.** see Read, D.T. 8-68717
- Lede, J.**, Weber, C., Villermaux, J. Evaluation of the performance of a method producing thermal shocks to gases with concentrated solar energy 8-91056
- Ledebrur, Th.v.** see v. Ledebur, Th.
- Leder, G.** see Apel', V.D. 8-78223
- Leder, G.** see Fidecaro, G. 8-66157
- Leder, H.J.** Hybridization effect on phase transitions in the Falicov-Kimball model 8-91617
- Leder, H.J.** see Entel, P. 8-79964
- Leder, H.J.** see Grewe, N. 8-84153
- Lederer, P.S.** see Hiltner, J.S. 8-54358
- Lederer, F.** see Langbein, U. 8-82907
- Lederer, P.** Coupled fields in one dimension: cross-over from a continuous symmetry to a discrete one 8-87758
- Lederer, P.** see de Menezes, O.L.T. 8-91649
- Lederer, P.** see Troper, A. 8-68226
- Lederer, R.** see de Menezes, O.L.T. 8-51944
- Lederich, R.J.**, Sastry, S.M.L., O'Neal, J.E., Rath, B.B. The effect of grain size on yield stress and work hardening of polycrystalline titanium at 295K and 575K 8-64593
- Lederman, L.M.** New quarks and old ones, too 8-74202
- Lederman, L.M.** see Vidal, R. 8-89877
- Lederman, L.M.** see Yoh, J.K. 8-82344
- Ledford, A.E., Jr.** see Bass, A.M. 8-69505
- Ledinegg, M.** The relation between varying measuring results of two phase flow losses 8-59445
- Ledley, R.S.** see Huang, H.K. 8-73243
- Ledley, R.S.** see Scheer, A.C. 8-65104
- Lednev, A.A.** see Apel', V.D. 8-78223
- Lednev, A.A.** see Donskov, S.V. 8-78549
- Lednev, V.V.**, Frank, G.M. Structural non-equivalence of the subunits of F-actin and its possible importance in the regulation of ATPase activity and the development of tension in skeletal muscles 8-64959
- Lednický, R.** see Dzhambusina, M. 8-89762
- Lednický, R.** see Ermilova, D.I. 8-62468
- Lednyanskii, A.F.** see Krasnikova, S.I. 8-88526
- Ledoux, P.** Dynamical instabilities in stars 8-89181
- Ledovskoy, V.P.** Ion focusing of overneutralised electron beams in legal vapour 8-75366
- Ledsham, D.A.** see Parker, T.J. 8-78003
- Leduc, G.** see Vedel, J. 8-64471
- Leduc, M.**, Weisbuch, C. CW dye laser emission beyond 1000 nm 8-74901
- Ledwith, A.** see Houben, J.L. 8-84647
- Lee, A.** see Aravamudan, K.S. 8-83167
- Lee, A.** see Dugan, C.H. 8-55394
- Lee, A.E.** The role of elastic deformation in the adhesion of solids 8-60010
- Lee, A.R.** see Kalotas, T.M. 8-65768, 8-86151
- Lee, A.Y.** Thermal design and analysis of superconductors for the toroidal field coils of TNS 8-50368
- Lee, A.Y.** see Yang, T.F. 8-54894
- Lee, B.B.**, Willshaw, D.J. Responses of the various types of cat retinal ganglion cells to moving contours 8-69059
- Lee, B.S.**, Davis, R.F. Liquid immiscibility and crystallization in refractory phosphate glasses 8-55814
- Lee, B.W.**, Alsenz, R., Ignatiev, A., Van Hove, M.A. Surface structures of the two allotropic phases of cobalt 8-51807
- Lee, B.W.**, Mark, P., Jwu-Lin Yeh Surface composition and fabrication of an oxide-free Ga_{1-x}Al_xAs Schottky barrier 8-68084
- Lee, B.W.**, Shrook, R.E. SU(3)×U(1) gauge theory of weak and electromagnetic interactions 8-70317
- Lee, B.W.** see Gunn, J.E. 8-93091
- Lee, C.** see Brown, L.S. 8-54556
- Lee, C.** see Skaritz, R.D. 8-74159
- Lee, C.** see Skupsky, S. 8-59663
- Lee, C.E.**, Maracas, G.N. 8-91513
- Lee, C.A.**, Mohling, F. An exact analytical solution to the two-body problem with a separable central and tensor interaction 8-69997
- Lee, C.-H.** see Hsi, P.C. 8-77114
- Lee, C.K.** see Carlson, F.P. 8-77120
- Lee, C.M.** Radiative charge-exchange process in high-energy ion-atom collisions 8-55234
- Lee, C.M.**, Thorsos, E.I. Properties of matter at high pressures and temperatures 8-79738
- Lee, C.M.** see Pratt, R.H. 8-62920
- Lee, C.M.** see Steel, D. 8-59685
- Lee, C.P.**, Margalit, S., Ury, I., Yariv, A. GaAs-GaAlAs injection lasers on semi-insulating substrates using laterally diffused junctions 8-55364

- Lee, C.P., Margalit, S., Ury, I., Yariv, A. Integration of an injection laser with a Gunn oscillator on a semi-insulating GaAs substrate 8-71232
- Lee, C.P., Margalit, S., Yariv, A. Waveguiding in an exponentially decaying gain medium 8-50774
- Lee, C.P., Margalit, S., Yariv, A. Dependence of Zn diffusion on the Al content in $\text{Ga}_{1-x}\text{Al}_x\text{As}$ 8-59981
- Lee, C.P., Yang, W.-J. Augmentation of convective heat transfer from high-porosity perforated surfaces 8-94727
- Lee, C.P., Yang, W.-J. Heat transfer and friction loss in flows normal to stacks of perforated plates 8-94733
- Lee, C.S., Ajmera, R.C. Size distribution of liquid droplets using an active microwave system 8-54339
- Lee, C.W., Foiles, C.L., Bass, J., Cleveland, J.R. Magnetothermopower and magnetoresistivity of PtCo 8-68016
- Lee, D., Trantina, G.G., Rand, R.A. Crack nucleation in 316 stainless steel fuel cladding 8-72864
- Lee, D. *see* Boody, F.P. 8-58997
- Lee, D. *see* Otto, R.J. 8-74390
- Lee, D. *see* Zaverl, F., Jr. 8-80598
- Lee, D.M. *see* Burman, R.L. 8-70573
- Lee, D.M. *see* Gould, C.M. 8-95200
- Lee, D.T.L. *see* Morf, M. 8-53735
- Lee, E. *see* Dyke, J. 8-50577
- Lee, E.H. *see* Poppa, H. 8-75958
- Lee, E.J. *see* Mason, S.G. 8-54139
- Lee, E.K.C. *see* Fisher, A. 8-55379
- Lee, E.K.C. *see* Miller, R.G. 8-66583
- Lee, E.K.C. *see* Shibuya, K. 8-82769, 8-82820
- Lee, E.K.C. *see* Sodeau, J.R. 8-76877
- Lee, E.P. Resistive hose instability of a beam with the Bennett profile 8-83543
- Lee, E.P. *see* Lauer, E.J. 8-83544
- Lee, E.W. *see* Burd, J.F. 8-56364
- Lee, F., Matolich, J., Jr., Motef, J. Irradiation temperature determination by electrical resistivity measurements 8-58354
- Lee, F.W., Collins, C.B., Pitchford, L.C., Deloche, R. Pressure dependence of the reaction of $\text{He}_2^+(\Sigma)$ metastable molecules with Ar 8-64823
- Lee, F.W. *see* Collins, C.B. 8-53188, 8-74903
- Lee, G. *see* Perneg, J. 8-50047
- Lee, H.C. Weak interaction and parity nonconservation in the photodisintegration and electrodissintegration of the deuteron near threshold 8-89849
- Lee, H.C., Gurland, J. Hardness and deformation of cemented tungsten carbide 8-52974
- Lee, H.C. *see* Harvey, M. 8-54697
- Lee, H.C. *see* Khanna, F.C. 8-89824
- Lee, H.C. *see* Williamson, C.F. 8-66191
- Lee, H.E. Synthetic array processing for underwater mapping applications 8-69549
- Lee, H.H. Determination of birth and growth rate of secondary nuclei: SBSR crystallizer 8-83759
- Lee, H.H. *see* Landau, D.P. 8-68250
- Lee, H.L., Sata, T. Effects of oxygen partial pressures on vaporization rates in the system $\text{MgO-Cr}_2\text{O}_3$ 8-63848
- Lee, H.L., Sata, T. Vacuum vaporization of the system $\text{MgO-Al}_2\text{O}_3\text{-Cr}_2\text{O}_3$ 8-95149
- Lee, H.M. Solubility of hydrogen and bulk modulus in transition metals 8-55950
- Lee, H.R. *see* Jones, R.W. 8-86619
- Lee, H.S. *see* Yoon, K.H. 8-85234
- Lee, H.U. *see* Janoschek, R. 8-90068
- Lee, H.W., Stehle, P. Interaction of an atom with a laser pulse 8-86827
- Lee, H.W. *see* Sendorfi, A.M. 8-54744
- Lee, I.S. *see* Cohen, B.L. 8-85381
- Lee, J. *see* Gast, R. 8-92599
- Lee, J.C. Multilayer optical interference coatings via glow discharge polymerization techniques 8-87170
- Lee, J.C. Canonical-ensemble approach to condensed boson systems 8-89400
- Lee, J.D. *see* Briggs, A.G. 8-86390
- Lee, J.D. *see* Liebowitz, H. 8-55594
- Lee, J.D. *see* Vosen, S.R. 8-66380
- Lee, J.H., Michael, J.V., Payne, W.A., Jr., Stief, L.J. The temperature dependence of the rate constant for $\text{Cl} + \text{NO} + \text{N}_2 \rightarrow \text{NOCl} + \text{N}_2$ 8-76828
- Lee, J.H., Michael, J.V., Payne, W.A., Stief, L.J. Absolute rate of the reaction of hydrogen atoms with ozone from 219-360K 8-80734
- Lee, J.H. *see* Michael, J.V. 8-73024
- Lee, J.H. *see* Song, J.J. 8-68530, 8-89559
- Lee, J.K. Determination of solid/liquid interface energy with the Arbel-Cahn method 8-67909
- Lee, J.K., Johnson, W.C. Re-examination of the elastic strain energy of an incoherent ellipsoidal precipitate 8-51676
- Lee, J.K. *see* Babuska, I. 8-73835
- Lee, J.K. *see* Chan, K.S. 8-84765
- Lee, J.K.P. *see* Cheung, H.C. 8-86510
- Lee, J.K.P. *see* Huang, H. 8-74333
- Lee, J.N., Berg, N.J., Udelson, B.J. An acousto-optic multichannel signal processor 8-66990
- Lee, J.N. *see* Berg, N.J. 8-71248, 8-79124
- Lee, J.P. Determination of earthquake loads on structures—research and development required 8-94051
- Lee, J.S., Doering, J.P., Bostrom, C.O., Potemra, T.A. Measurement of the daytime photoelectron energy distribution from AE-E with improved energy resolution 8-88953
- Lee, J.S. *see* Edmonson, D.A. 8-90277
- Lee, J.S. *see* Fu, S.E. 8-53543
- Lee, J.T. *see* Anderson, G.K. 8-70953
- Lee, J.T. *see* Kessler, E. 8-69397
- Lee, J.T. *see* Pitts, D.E. 8-65389
- Lee, J.W., Butt, J.B., Downing, D.M. Kinetic, transport, and deactivation rate interactions in heterogeneous catalysis 8-68914
- Lee, J.Y., Caspi, S., Soloski, S.C., Frederking, T.H.K. Thermo-osmotic convection of cryo-fluid He II at incipient lambda transition above the critical pressure 8-95199
- Lee, J.Y. *see* Caspi, S. 8-91499
- Lee, J.Y. *see* Yoo, K.K. 8-60873
- Lee, K. *see* Moore, E.B. 8-68324
- Lee, K. *see* Stoscio, M.A. 8-91131
- Lee, K.B. *see* Madey, R. 8-75933
- Lee, K.H., Crawford, J.H., Jr. Additive coloration of sapphire 8-88332
- Lee, K.O. The Meyer-Neldel rule and the DC conductivity in amorphous Ge films 8-64152
- Lee, K.S. *see* Akaike, N. 8-77041
- Lee, K.W. *see* Rim, J.M. 8-60855
- Lee, L.C., Smith, G.P., Miller, T.M., Cosby, P.C. Photodissociation cross sections of Ar_2^+ , Kr_2^+ , and Xe_2^+ from 6200 to 8600 Å 8-78761
- Lee, L.C. *see* Freund, H.P. 8-75275, 8-91075
- Lee, L.C. *see* Smith, G.P. 8-66609
- Lee, L.C.Y. *see* Barber, D.P. 8-78189
- Lee, L.J., Henson, B.L. Ohio River power curve regression equations 8-61472
- Lee, L.Y. *see* Mutchler, G.S. 8-70387
- Lee, M. *see* Hibbs, L.E., Jr. 8-64724
- Lee, M. *see* Rayner, D.M. 8-92990
- Lee, M.H., Eldridge, J.M., Lee, W.-Y. Effects of applied stress on UHV-deposited $\text{Fe}_{1-x}\text{Pd}_x$ thin films 8-64239
- Lee, M.H. *see* Wen-Yang Lee 8-95245
- Lee, M.J.G. *see* Reifenberger, R. 8-95684
- Lee, M.J.G., Perz, J.M., Fawcett, E. (editor) Transition Metals 1977 8-91577
- Lee, M.-P. *see* Kratochvil, J.P. 8-76926
- Lee, M.Seo *see* Seo Lee, M.
- Lee, M.W., Bigeleisen, J. Generalized finite polynomial approximation (WINIMAX) to the reduced partition function of isotopic molecules 8-66529
- Lee, M.W. *see* Bigeleisen, J. 8-66530
- Lee, N., Fenn, J.B. Calibration of mass spectrometers for van der Waals dimers 8-89585
- Lee, P. *see* Mendez, R.H. 8-81629
- Lee, P. *see* Mitchell, K.B. 8-51364
- Lee, P.A. *see* Jackson, S.A. 8-67960
- Lee, P.A. *see* Larkin, A.I. 8-51913
- Lee, P.A. *see* Thomas, G.A. 8-79949
- Lee, P.C.Y., Kuang-Ming Wu, Wang, Y.S. Effects of acceleration on the resonance frequencies of crystal plates 8-59189
- Lee, P.H. *see* Benard, D.J. 8-66815
- Lee, P.H. *see* Slafer, W.D. 8-63109
- Lee, P.H.Y. *see* Attwood, D.T. 8-51325
- Lee, P.L., Boehm, F., Hahn, A.A. Variations of nuclear charge radii in mercury isotopes with $A=198, 199, 200, 201, 202$, and 204 from X-ray isotope shifts 8-70441
- Lee, P.P.K., Waag, R.C., Hunter, L.P. Swept-frequency diffraction of ultrasound by cylinders and arrays 8-53461
- Lee, R. *see* Cooperstein, G. 8-50322
- Lee, R. *see* Goldstein, S.A. 8-58898
- Lee, R.H. *see* Craig, R.J. 8-52871
- Lee, R.L., Gresho, P.M., Sani, R.L. Numerical smoothing techniques applied to some finite element solutions of the Navier-Stokes equations 8-90823
- Lee, R.L. *see* Gresho, P.M. 8-92956
- Lee, R.M. *see* Williams, T.H. 8-93005
- Lee, R.N. Instrumental sensitivity in soft X-ray appearance potential spectroscopy 8-49949
- Lee, R.P.K. *see* Waag, R.C. 8-73183
- Lee, S.A., Hall, J.L. A traveling Michelson interferometer with phase-locked fringe interpolation 8-89451
- Lee, S.A., Helmcke, J., Hall, J.L., Stoicheff, B.P. Doppler-free two-photon transitions to Rydberg levels: convenient, useful, and precise reference wavelengths for dye lasers 8-94221
- Lee, S.A. *see* Bergquist, J.C. 8-82868
- Lee, S.L., Srinivasan, J. Measurement of local size and velocity probability density distributions in two-phase suspension flows by laser-Doppler technique 8-59517
- Lee, S.M. *see* Badawy, I. 8-66291
- Lee, S.M. *see* Krishnan, S. 8-62602
- Lee, S.P. The critical exponent χ_s for the shear viscosity of simple, binary and ternary fluids 8-83988
- Lee, S.S. *see* Williams, J.H., Jr. 8-53176
- Lee, S.W. Path integrals for solving some electromagnetic edge diffraction problems 8-62975
- Lee, S.Y. *see* Takigawa, N. 8-62570
- Lee, T. A local proton irradiation model for isotopic anomalies in the solar system 8-93128
- Lee, T. *see* van Winsum, J.A. 8-87950, 8-87951
- Lee, T.A. *see* Bookmeyer, B.B. 8-81639
- Lee, T.C. Thermoplastic films for optical data processing 8-50875
- Lee, T.C., Lin, J.W., Tufte, O.N. Thermoplastic photoconductor for optical recording and storage—new developments 8-71175
- Lee, T.C., Marzwell, N.I., Schmit, F.M., Tufte, O.N. Development of thermoplastic-photoconductor tape for optical recording 8-90391
- Lee, T.D., Goldenberg, T., Hirth, J.P. Hydrogen and plastic instability in deformed, spheroidized 1090 steel 8-60725
- Lee, T.H., Chuang, A.S. Seismic response of gas-cooled fast breeder reactor core structural assembly via modal synthesis 8-89942
- Lee, T.-K., Birman, J.L. New three-dimensional k.p model for the electronic structure of A-15 compounds and application to anomalous properties of V_3Si and Nb_3Sn in the cubic phase 8-84139
- Lee, T.P. *see* Abbott, S.M. 8-55390
- Lee, W.A. *see* Barton, J.M. 8-68845
- Lee, W.B., Solomon, S.C. Simultaneous inversion of surface wave phase velocity and attenuation: Love waves in western North America 8-85491
- Lee, W.H. Two-dimensional laser beam deflections using computer-generated holograms 8-58956
- Lee, W.H., Wheaton, R.J. Conductance of symmetrical, unsymmetrical and mixed electrolytes. I. Relaxation terms 8-67840
- Lee, W.H., Wheaton, R.J. Analysis of conductance data for associated unsymmetrical electrolytes 8-71875
- Lee, W.P. *see* Wang, G.W. 8-90050
- Lee, W.W., Kuo, Y.Y., Okuda, H. Numerical simulations of collisionless drift instabilities for low-density plasmas 8-59665
- Lee, W.-Y. *see* Lee, M.H. 8-64239
- Lee, Y., Chen, W.J., Groenvelt, D.C. Rewetting of very hot vertical and horizontal channels by flooding 8-94095
- Lee, Y.C., Lin, D.L. Semi-classical treatment of surface states 8-52046
- Lee, Y.C. *see* Drake, J.F. 8-94909
- Lee, Y.H., Tsao, G.T., Wankat, P.C. Ultramicroprobe method for investigating mass transfer through gas-liquid interfaces 8-63901
- Lee, Y.H. *see* Graziulis, V.A. 8-72434
- Lee, Y.H. *see* Mooney, P.M. 8-76023
- Lee, Y.K. *see* Gizon, J. 8-50121
- Lee, Y.S. *see* Ermler, W.C. 8-86800
- Lee, Y.T. *see* Grant, E.R. 8-82800
- Lee, Y.Y. *see* Morse, W.M. 8-89858
- Lee Byungho *see* Byungho Lee
- Lee Chang Kun *see* Chang Kun Lee
- Lee Chien-er *see* Chien-er Lee
- Lee Chien-Ping *see* Chien-Ping Lee
- Lee Chow *see* Kobeissi, M.A. 8-52388
- Lee Chun-Luan *see* Chun-Luan Lee
- Lee Chungkun *see* Chungkun Lee
- Lee Dong In *see* Dong In Lee
- Lee Dong Nyung *see* Dong Nyung Lee
- Lee Dong-in *see* Dong-in Lee
- Lee El-Hang *see* El-Hang Lee
- Lee Eung Sang *see* Eung Sang Lee
- Lee Han-Sheng *see* Han-Sheng Lee
- Lee Hong Lim *see* Hong Lim Lee
- Lee Hua-chung, Kuo Shuo-hung, Hsien Ting-chang On the problem of the dual charge (magnetic monopole) of non-abelian groups. II 8-78096
- Lee Hwa-Chung *see* Wu Yong-Shi 8-86419
- Lee Ik Hwan *see* Ik Hwan Lee
- Lee Kai Fong *see* Kai Fong Lee
- Lee Ki Tung *see* Ki Tung Lee
- Lee Ki-Seon *see* Ki-Seon Lee
- Lee Meng-Lein *see* Meng-Lein Lee
- Lee Myung Hun *see* Myung Hun Lee
- Lee Pan-Lin *see* He Ze-Jun 8-86559
- Lee Sam Lai *see* Sam Lai Lee
- Lee Sang Hoon *see* Sang Hoon Lee
- Lee Sang Soo *see* Sang Soo Lee
- Lee Seng-Lip *see* Seng-Lip Lee
- Lee Seung-Joo *see* Seung-Joo Lee
- Lee Shen-Ling Basic theory of stability of differential-difference equation (including neutral type) 8-81803
- Lee Shu-Tso *see* Shu-Tso Lee
- Lee Smith, W., Degroot, A.J., Weber, M.J. Silicon vidicon optical detector: an advanced laser data acquisition/analysis system 8-58041
- Lee Sook *see* Sook Lee
- Lee Sum-muk *see* Sum-muk Lee

- Lee Tay-How *see* Tay-How Lee
 Lee Ting Ho *see* Ting Ho Lee
 Lee Tze-Ping On classical angular momentum of an electron-magnetic monopole 8-86460
 Lee Ven-Chung *see* Ven-Chung Lee
 Lee Wai-Hon *see* Wai-Hon Lee
 Lee Wen-Yaung *see* Wen-Yaung Lee
 Lee Xiao-Yuan *see* Wu Dan-Di 8-82191
 Lee Yee-Yen *see* Yee-Yen Lee
 Lee Yu-Der *see* Yu-Der Lee
 Lee Yung Jae *see* Yung Jae Lee
 Lee Yung-Chang *see* Yung-Chang Lee
 Lee-Franzini, J., McCarthy, R.L., Schamberger, R.D., Jr., Tuts, P.M., Childress, S., Franzini, P. Nuclear fragment production at high energy 8-70513
 Lee-Franzini, J. *see* Schamberger, R.D., Jr. 8-58215
 Lee-Hu, C.-N. *see* Kay, R.W. 8-57185
 Lee-Sea Chen *see* Chen-Tung Chen 8-79668
 Leeb, W.R. CO₂ laser line selection with metal film reflector 8-55368
 Leech, J.W., Grout, P.J. The tailoring of potentials in lattice dynamics 8-79679
 Leech, J.W. *see* Pasternak, A. 8-55919, 8-79692
 Leedecke, C.J., Bergeron, C.G. Crystallisation of Na₂B₈O₁₃ in selected Na₂O-B₂O₃ melts 8-59763
 Leeden, G.A. van der *see* van der Leeden, G.A.
 Leeden, G.A. Van Der *see* Van Der Leeden, G.A.
 Leen, W. *see* Thal, H.U. 8-88729
 Leenders, L. *see* Levine, B.F. 8-70962
 Leenen, M. *see* Bruker, H. 8-50038
 Leenhouts, F., Van Der Woude, F. Simple method of determining the birefringence of nematic liquid crystals 8-79526
 Leenhouts, F. *see* De Jeu, W.H. 8-79524
 Leenhouts, H.P., Chadwick, K.H. An analysis of radiation-induced malignancy based on somatic mutation 8-69147
 Leenhouts, H.P. *see* Chadwick, K.H. 8-85289
 Leep, D. *see* Rothwell, H.L. 8-82957
 Leeper, H.F., Normann, R.A., Copenhagen, D.R. Evidence for passive electrotonic interactions in red rods of toad retina 8-92627
 Leeper, R.J., Chang, J. Scintillator-photomultiplier response to a simulated REB generated thermonuclear neutron pulse 8-51357
 Leeper, R.J. *see* Farnsworth, A.V., Jr. 8-58480
 Leer, E., Johansen, K.M., Albrigtsen, R. Group velocity of whistlers in a two-ion plasma 8-87452
 Leer, E. *see* Bratteng, O. 8-57390
 Lees, D.J., Pinder, L.W., Robins, R.H. Use of a magnetic field intensity meter to detect accumulations of magnetic oxide in stainless steel boiler tubing 8-76794
 Lees, E.W. *see* Arthur, R.G. 8-62520
 Lees, L. *see* Tomlinson, P.N. 8-92416
 Lees, R.A. Hospital information systems 8-57105
 Leese, R.A., Wehry, E.L. Corrections for inner-filter effects in fluorescence quenching measurements via right-angle and front-surface illumination 8-92548
 Leet, D.G. Procedures used to generate three- and six-year-old-child data sets for the articulated total body model from anthropometric data 8-80912
 Leeuw, F.H. de *see* de Leeuw, F.H.
 Leeuw, S.W. de *see* de Leeuw, S.W.
 Leeuw, S.W. de *see* de Leeuw, S.W.
 Leeuwen, H.P. van *see* van Leeuwen, H.P.
 Leeuwen, J.M.J. van *see* van Leeuwen, J.M.J.
 Leeuwen, J.M.J. van *see* van Leeuwen, J.M.J.
 Leeuwen, J. van *see* van Leeuwen, J.
 Leeuwen, W. Storm van *see* Storm van Leeuwen, W.
 Leevers, P.S. *see* Radon, J.C. 8-76760
 Lefauchaux, F. *see* Gits-Leon, S. 8-91281
 Lefebvre, J. *see* Benoit, J.P. 8-91411
 Lefebvre, J.M. *see* Alamo, A. 8-78461
 Lefebvre, J.M. *see* Escaig, B. 8-64604
 Lefebvre, J.P. *see* Gazanhes, C. 8-63225
 Lefebvre, R. *see* Atabek, O. 8-94248
 Lefebvre, R. *see* Child, M.S. 8-50601
 Lefebvre, Y. *see* Appelblad, O. 8-82747
 Lefebvre-Brion, H. *see* Gottscho, R.A. 8-74567
 Lefebvre-Brion, H. *see* Raseev, G. 8-78805
 Lefebvres, F. *see* Bizard, G. 8-54643
 Lefebvres, F. *see* Plouin, F. 8-74364
 Lefeld-Sosnowska, M. X-ray diffraction contrast of a 60° dislocation investigated by means of section topography 8-83819
 Lefever, R.A. *see* Sen, S. 8-56669, 8-60565
 Lefevre, B.G., D'Annessa, A.T., Kalish, D. Age hardening in Cu-15Ni-8Sn alloy 8-64551
 Lefevre, G., Ulrich, M., Behar, F., Servant, C., Cizeron, G. Structure of the phases Fe_{1-x}Sb and FeSb₂ 8-91305
 Lefevre, H.W. *see* Booth, R. 8-55075
 Lefevre, J. *see* Boutier, A. 8-71405
 Left, H.S. Heat engines and the performance of external work 8-49586
 Lefferts, A.N., Bijvank, E.J., den Hartog, H.W. Electric field effect of Gd³⁺-metal-ion complexes in CaF₂ 8-80210
 Lefkowitz, E.H. PLT OH system operation 8-66401
 Lefol, A. *see* Anne, R. 8-70665
 Leforestier, C. Classical trajectories using the full ab initio potential energy surface H⁺+CH₄→CH₃+H⁺ 8-68886
 Leforestier, C. *see* Hiberty, P.C. 8-74580
 Lefort, J.P., Haworth, R.T. Geophysical study of basement fractures on the western European and eastern Canadian shelves: transatlantic correlations, and late Hercynian movements 8-73327
 Lefort, J.P., Segoufin, J. Relationships between the deep structures and magnetic anomalies spreading off the Audierne Bay and in mid-English Channel (France): evidence for a possible hidden suture northwest of Brittany 8-61397
 Lefort, M. *see* Bieth, C. 8-55058
 Lefort, P., Desmaison, J., Billy, M. Oxidation kinetics of titanium nitride: Behaviour of titanium nitride plates TiN_{0.91} in an oxygen atmosphere 8-85199
 LeFort, P., Mowbray, D.F. Calibration of the side-grooved modified wedge-opening-load specimen 8-51130
 Lefrant, S., Buisson, J.P., Ghomi, M., Taurel, L. First-order Raman scattering of CsF doped with F-centres 8-52492
 Lefrant, S. *see* Buisson, J.P. 8-64370, 8-92073
 Lefterov, D.P., Marinov, M.G. Measurement of the characteristics of p-type silicon surface barrier detectors 8-82592
 Legarcon, A., Chavel, P. The quality factor N/τ in laser beam deflectors: comparison of holographic and acousto-optical deflectors 8-55318
 Legardeur, R. *see* Bardet, R. 8-70634
 Legay-Desesquelles, F. *see* Bernard, J.J. 8-94561
 Legendre, R. Explicit approximation of accompanying waves of a ship 8-59408
 Legendre, R. Turbulence statistics in a gas with broadly varying entropy 8-94646
 Leger, J.M., Albert, L., Achard, J.C., Lories, C. Pressure formation of ytterbium oxides 8-85192
 Legerer, F.J. On the noise level of the mean energy density 8-51018
 Legg, G.J., Lanchester, P.C. The low temperature thermal expansion of Al₁₀V 8-95167
 Legg, K.O. *see* Jona, F. 8-63930
 Leggat, K. *see* Nkemdirim, L.C. 8-61534
 Legge, F.V. *see* Kuntzleman, H.C. 8-86264
 Leggett, A.J. Theory of superfluidity in liquid ³He 8-59996
 Leggett, A.J. Macroscopic effect of P- and T-nonconserving interactions in ferroelectrics: a possible experiment? 8-84532
 Leggett, D.J. Microcomputer controlled potentiometric titration system for equilibrium studies 8-92522
 Legindgaard, W. Solution of the Bethe-Goldstone equation in a rapidly convergent polynomial expansion 8-54689
 Legitimo, I. *see* Lazzari, F. 8-86069
 Legkikh, N.V. *see* Arkhipov, S.M. 8-60357
 Legkiy, V.M. Effect of thermal conductivity of the metal on heat transfer from single transversely-finned tubes, in an air flow 8-75043
 Legner, H.H. *see* Yoder, M.J. 8-71074
 Legnini, D.G. *see* Fluss, M.J. 8-67707
 Legon, A.C., Millen, D.J., Rogers, S.C. The electric dipole moment of the hydrogen-bonded heterodimer HCN...HF. An investigation of the conditions leading to inadequacy of the second- and fourth-order perturbation theories of the Stark effect for linear molecules 8-70818
 Legrand, D. *see* Berger, J. 8-70525
 LeGrand, D.G. Surface cluster functions 8-67631
 Legrand, D.G. *see* Niznik, G.E. 8-91266
 Legrand, E. *see* Wegener, W. 8-91274
 Legrand, J., Segard, B., Krosta, A., Macke, B. Microwave spectrometer for saturated absorption experiments 8-55256
 Legrand, J.F. *see* Lajzerowicz, J. 8-52459
 Legrand, P. *see* Huvonne, J.P. 8-84582
 Legras, B. *see* Bertrand, A. 8-96086
 Legros, C. *see* Demuth, C. 8-81385
 Legros, J.-P., Galy, J. Crystallochemistry of selenium (+IV). Crystal structure of the compound Se₂TiO₅ 8-95023
 Legros, P. *see* Doussineau, P. 8-79671
 Leguillon, D. Global solution of a problem with boundary conditions in discrete kinetic theory 8-63449
 Legvold, S. *see* Gschneidner, K.A., Jr. 8-83971
 Legvold, S. *see* Petersen, T.S. 8-68238
 Leheup, E.R. Some mechanical and electrical properties of consolidated iron powder 8-56599
 Leheup, E.R., Moon, J.R. Relationships between density, electrical conductivity, Young's modulus, and toughness of porous iron samples 8-64645
 Lehm, R. *see* Citron, A. 8-89589
 Lehman, D.R., Rai, M., Ghovalou, A. Separable-potential three-body model of the A=6 system. II. ⁶Li ground state 8-50090
 Lehman, W. Thick-filament-linked calcium regulation in vertebrate striated muscle 8-69020
 Lehmann, A. *see* Hubner, K. 8-51422
 Lehmann, A.-G. *see* Busnel, R.-G. 8-57037
 Lehmann, D. *see* Kavanagh, R.N. 8-92613
 Lehmann, E. *see* Alexander, G. 8-74251, 8-89766
 Lehmann, E. *see* Berger, Ch. 8-62414, 8-89725
 Lehmann, G. *see* Bansaragtschin, B. 8-68625
 Lehmann, G. *see* Lanver, U. 8-80400
 Lehmann, G. *see* Morency, D.G. 8-79871
 Lehmann, G. *see* Mrosan, E. 8-64005
 Lehmann, H. Electron backscattering rates of light elements in Moliere approximation 8-82841
 Lehmann, H.W., Frick, K., Widner, R., Vossen, J.L., James, E. Reactive sputtering of PTFE films in argon-CF₄ mixtures 8-92191
 Lehmann, J. *see* Brandel, H. 8-82317
 Lehmann, J.C. Iodine, a test molecule in modern spectroscopy 8-90317
 Lehmann, J.C. *see* Broyer, M. 8-58598
 Lehmann, K. *see* Bame, S.J. 8-85800
 Lehmann, K.K., Smolarek, J., Goodman, L. Multiphoton resonance ionization bands in I₂ 8-90233
 Lehmann, L. *see* Fischer, Th. 8-62669
 Lehmann, U. *see* Reichardt, W. 8-87202, 8-94484
 Lehmann, V. *see* Will, G. 8-84401
 Lehmann, W. *see* Macco, F. 8-72343
 Lehmberg, R.H. Theory of optical ray retracing in laser-plasma backscatter 8-91133
 Lehmberg, R.H., Stamper, J.A. Depolarization in laser probing of inhomogeneous magnetized plasmas 8-67411
 Lehmkuhl, G.D. *see* Vrentas, J.S. 8-63495
 Lehmkuhl, G. *see* Ichimiya, A. 8-83676
 Lehn, J.-M. *see* Dye, J.L. 8-52526
 Lehnart, N., Petersen, H. Damping antennas for spurious RF-modes in electron-positron storage rings 8-70659
 Lehner, J. *see* Hsieh, S.Y. 8-54925
 Lehner, N., Heger, G., Geick, R. On the mechanism of the order-disorder phase transition in the perovskite-type layer structures (C₄H_{2n+1}NH₃)₂MnCl₄ 8-79772
 Lehnert, B. Matter-antimatter boundary layers with a magnetic neutral sheet 8-53807
 Lehnert, B. Plasma-neutral gas interaction in cosmical physics 8-69669
 Lehnigk, S.H. Boundary condition solutions of the generalized Feller equation 8-62167
 Lehr, S., Pagnia, H. Work function of irradiated real and cleaned indium antimonide surfaces 8-95336
 Lehrach, F. *see* Grigoleit, H.-G. 8-57030
 Lehraus, I., Mathewson, R., Tejessy, W., Aderholz, M. Performance of a large scale multi-layer ionization detector and its use for measurements of the relativistic rise in the momentum range of 20-110 GeV/c 8-82577
 Lehtimäki, V. *see* Teuhjo, J. 8-57918
 Lehtinen, B. *see* Sandstrom, R. 8-56656
 Lehto, A., Proctor, W.G. Impurity excited state lifetimes 8-60083
 Lehwald, S. *see* Ibach, H. 8-71947, 8-87868
 Lei, T.F. *see* Chang, C.Y. 8-58037
 Leib, K.G., Bondurant, R.A., Hsiao, S., Wohlers, R., Herold, R. Aerial reconnaissance film screening using optical matched-filter image-correlator technology 8-94371
 Leibacher, J. *see* Artzner, G. 8-93186
 Leibacher, J.W. Velocity fields in the solar atmosphere: Theory 8-81600
 Leibbrandt, G. Solitonlike solutions of the elliptic sine-cosine equation by means of harmonic functions 8-57741
 Leibbrandt, G. New exact solutions of the classical sine-Gordon equation in 2+1 and 3+1 dimensions 8-78074
 Leiberman, M.A. *see* Wong, S.L. 8-75408
 Leibfried, G., Breuer, N. Point defects in metal. I. Introduction to the theory 8-71730
 Leibke, K., Wolf, B.H. Preparation of sputter electrodes for multiply charged heavy-ion sources 8-66009
 Leibler, K. *see* Grochulski, T. 8-76247
 Leibler, L. *see* Joanny, J.F. 8-87792
 Leibold, A., Rajasingh, C.K. Orbit determination error analysis through satellite-satellite systems 8-65486
 Leibovic, K.N. Simulations of a model for transmitter kinetics 8-92617
 Leibovich, S. The structure of vortex breakdown 8-59407
 Leibovich, S. *see* Faler, J.H. 8-55651
 Leibowitz, E., Meinhardt, J. Symmetry of charged rotating body metrics 8-77776

- Leibowitz, E.**, Meinhardt, J.R. The local symmetry of rotating-body metrics 8-54257
- Leibowitz, E.** *see* Meinhardt, J.R. 8-49735, 8-62131
- Leibowitz, E.M.** *see* Brosch, N. 8-57558
- Leicknam, J.C.**, Guissani, Y., Bratos, S. Infrared study of diluted solutions of polyatomic molecules. I. Band shape of fundamental associated with nondegenerate normal modes 8-66544
- Leicknam, J.C.** *see* Bratos, S. 8-58694
- Leicknam, J.-P.** *see* Anitoff, O.E. 8-61147
- Leiderer, P.**, Wanner, M. Positive-ion structure in a tritricritical ^3He - ^4He mixture 8-79850
- Leiderman, A.Yu.**, Karageorgy-Alkalaev, P.M. On the theory of sublinear current-voltage characteristics of semiconductor structures 8-91763
- Leidheiser, H., Jr.**, Kendig, M.W. Conjectures on delamination of organic coatings by corrosion 8-64765
- Leifeste, G.T.** *see* Richardson, R. 8-83530
- Leigh, J.R.** *see* Newton, J.O. 8-54794
- Leigh, J.R.** *see* Walker, P.M. 8-93922
- Leigh, J.S., Jr.** *see* Blum, H. 8-86894
- Leighly, H.P., Jr.** *see* Schade, G. 8-87709
- Leighton, H.G.** Collision efficiency and cloud drop spectrum evolution 8-69415
- Leighty, D.A.** *see* Emmel, R.H. 8-56926
- Leighty, R.D.** Concepts for automated pattern recognition research with hybrid optical/digital systems 8-63037
- Leighty, R.D. (editor)** Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.117. Data Extraction and Classification from Film 8-63023
- Leij, M.** Van der *see* Van der Leij, M.
- Leikin, E.M.** *see* Dombeck, T. 8-82255
- Leikin, E.M.** *see* Dzhabinusina, M. 8-89762
- Leikin, E.M.** *see* Ermlilova, D.I. 8-62468
- Leikin, G.A.** On some seismic effects on small bodies of the solar system 8-69754
- Leikin, I.A.** *see* Lyubitskii, A.A. 8-73379, 8-81231
- Leikin, M.V.** *see* Drichko, N.M. 8-82017
- Leikin, V.N.** *see* Bublik, V.T. 8-52786
- Leiko, G.A.** *see* Afrosimov, V.V. 8-58815
- Leikyuras, C.** *see* Merkulov, V.S. 8-88285
- Leilmets, J.** *see* Santrach, D. 8-83930
- Leiman, V.G.**, Teyryukov, A.A., Ovchinnikov, A.P., Freiberg, G.N. Ribbon electron beams for plasmochemical reactors 8-70220
- Leiman, V.G.** *see* Ivanov, A.A. 8-70969
- Leinaas, J.M.** A mechanical model of the charge-monopole system 8-62343
- Leinaas, J.M.** Statistics of charge-monopole composites 8-93796
- Leiner, D.C.** Measuring fiber index profile 8-79118
- Leiner, D.C.** *see* Johnson, G.W. 8-58022
- Leinert, C.** *see* Hanner, M. 8-57634
- Leinert, C.** *see* Pitz, E. 8-96427
- Leipelt, G.R.** *see* Slivinsky, V.W. 8-59672
- Leiper, W.**, MacKay, G.R., Blaauw, C. Iron hyperfine fields in the Co-based Heusler alloys Co_2TiSn , Co_2ZrSn and Co_2HfSn 8-68424
- Leiper, W.**, MacKay, G.R., Judah, J., Blaauw, C., Rush, J.D. ^{197}Au and ^{119}Sn hyperfine fields in PtMnSn 8-72439
- Leiper, W.** *see* Blaauw, C. 8-52406, 8-68432
- Leipholz, H.H.E.** On the application of the energy method to the stability problem of nonconservative autonomous and nonautonomous systems 8-51097
- Leipholz, H.H.E.**, Mandari, R. On the non-uniform convergence of Galerkin's method 8-83304
- Leipold, M.H.**, De Angelis, R.J. Structure development in silicon sheet by shaped recrystallization 8-64465
- Leipuner, L.B.** *see* Morse, W.M. 8-89858
- Leirl, H.** *see* Hansl, T. 8-89860
- Leis, B.N.** An energy-based fatigue and creep-fatigue damage parameter 8-59347
- Leis, B.N.** Fatigue life prediction of complex structures 8-59348
- Leisi, H.J.** *see* Eichler, R. 8-66695
- Leisnick, M.L.** *see* Hall, J.H., Jr. 8-56909
- Leisman, G.** Human factors and electrophysiological considerations in the design of visual prosthetics 8-53583
- Leisman, G.** *see* Chen Hwa 8-53558
- Leissa, A.W.** A direct method for analyzing the forced vibrations of continuous systems having damping 8-59332
- Leissa, A.W.**, Vagins, M. The design of orthotropic materials for stress optimization 8-63291
- Leissner, M.** *see* Bienlein, J.K. 8-93894
- Leistam, L.** *see* Appel, E. 8-58513
- Leisure, R.G.** *see* Ozimek, E.J. 8-72135
- Leitch, E.C.** Structural succession in a Late Palaeozoic slate belt and its tectonic significance [Nambucca slate belt, Australia] 8-81140
- Leitch, M.J.** *see* Findlay, D.J.S. 8-50151
- Leite, C.V.** Barros *see* Barros Leite, C.V.
- Leite, J.R.** *see* Ferreira, L.G. 8-94192
- Leite, J.R.R.** *see* Ducloy, M. 8-54472
- Leite de Andrade, S.** *see* Ferran, G. 8-64614
- Leiter, D.** A new approach to the physical optics of polarized light beams in gravitational fields 8-50696
- Leiter, D.** Mutually interacting charge fields: a new approach to gauge theoretical formulations of elementary-particle processes 8-58122
- Leitgeb, N.**, Schuy, S. Evaluation of ultrasonic echo distributions 8-80934
- Leith, C.E.** Objective methods for weather prediction 8-61535
- Leith, D.W.G.S.** *see* Longacre, R.S. 8-66151
- Leith, E.N.** Coherence relaxation methods for holography 8-78977
- Leith, E.N.**, Chen, H. Deep-image rainbow holograms 8-71061
- Leith, E.N.** *see* Upatnieks, J. 8-78962
- Leitman, M.B.**, Savchenkov, V.D. Transducer with unified output for measuring effective value of AC voltage 8-74028
- Leitnaker, J.M.**, Potter, G.A., Bradley, D.J., Franklin, J.C., Laing, W.R. The composition of eta carbide in Hastelloy N after aging 10000 h at 815°C 8-52816
- Leitner, E.** *see* Kirk, H.G. 8-82252
- Leitner, R.** On the Stark effect of the $\text{H}\alpha$ fine structure 8-82673
- Leitner, S.**, Kostler, H.J. Investigations into the application of etching reagents for austenite grain boundaries in tempered high-speed steels 8-80704
- Leitsina, V.G.**, Pavlyukevich, N.V., Rudin, G.I. Kinetics of mass transfer in a capillary with evaporation from the internal surface 8-51233
- Leitz, H.** *see* Nowak, H.-J. 8-95391
- Lejcek, P.**, Sima, V. The growth of nickel single crystals by recrystallization method 8-68626
- Lejcek, P.** *see* Sima, V. 8-68622
- Lejeune, A.** Elastic proton and neutron cross sections derived from a microscopic optical model potential 8-54729
- Lekkerkerker, C.G.** The linear transport equation. The degenerate case $c=1$. I. Full-range theory 8-57874
- Lekkerkerker, C.G.** The linear transport equation. The degenerate case $c=1$. II. Half-range theory 8-57875
- Lekkerkerker, H.N.W.** Thermodynamic analysis of the oscillatory convective instability in a binary liquid mixture 8-94753
- Lekkerkerker, H.N.W.** *see* Carle, D.L. 8-94988
- Lekkerkerker, J.G.** Impact phenomena with elastically deformable strikers 8-77703
- Lekner, J.**, Henderson, J.R. The surface of liquid ^4He , based on the idea that $\Pi_{\text{eff}}(r_{ij})$ describes a droplet 8-84015
- Lekner, J.**, Henderson, J.R. The giant dipole resonance and pair correlations in nuclei 8-93924
- Lekner, J.** *see* Henderson, J.R. 8-91511
- Leko, V.K.**, Gusakova, N.K. Some features of the viscous flow of vapor-synthesized vitreous silicas 8-64581
- Leko, V.K.**, Gusakova, N.K., Meshcheryakova, E.V., Prokhorova, T.I. The effect of impurity alkali oxides, hydroxyl groups, Al_2O_3 , and Ga_2O_3 on the viscosity of vitreous silica 8-64580
- Leksikov, A.A.** *see* Fedorov, Yu.M. 8-52469
- Leksins, G.A.**, Smirnitiskii, A.V. Production cross section of cumulative A^0 -hyperons 8-78419
- Leksins, G.A.**, Smirnitiskii, A.V. Production cross sections of K^0 -mesons emitted at large angles in a laboratory system by C and Xe nuclei 8-82394
- Leksovskii, A.M.** *see* Regel', V.R. 8-68753
- Lelak, J.** *see* Stofa, J. 8-52435
- Leland, T.W.** *see* Gonsalves, J.B. 8-67829
- Leland, W.T.**, Ganley, J.T., Kircher, M., York, G.W., Jr. Large-aperture discharges in E-beam-sustained CO_2 amplifiers 8-55382
- Leland, W.T.** *see* Stark, E.E., Jr. 8-50818
- LeLann, A.** *see* Auzende, J.-M. 8-53632
- Le'chuk, V.L.**, Shuyskaya, K.F., Sorokin, A.G., Bragina, O.N. Heat transfer in the inlet length of fuel-elements modeling rod bundle in longitudinal air flow 8-82415
- Lelegard, J.** *see* Adam, J. 8-71473
- Leleu, M.** *see* Bosch, B. 8-69314
- Leleux, P.**, Bosman, M., Lipnik, P., Macq, P., Meulders, J.P., Pirart, C., Valencuc, G. Neutron polarization in (p, n), (d, n), and (α , n) reactions on light nuclei 8-70726
- Leleux, P.** *see* Budzanowski, A. 8-66289
- Leleux, P.** *see* Pirart, C. 8-50187
- Leikov, Yu.S.** *see* Bragina, T.M. 8-72600
- Leliveldt, W.** *see* Eckert, P. 8-80931
- Lelj, F.** *see* Chidichimo, G. 8-58719
- Lelj, F.** *see* di Lauro, C. 8-94186, 8-94280
- Lelouchier, P.** Some connections between the ecology of vegetation and palaeoclimatology 8-88901
- Leloup, J.**, Djerassi, H., Albany, J.H., Mullin, J.B. Hall effect in n-type InP crystals: Thermal activation energy and influence of compensation 8-72171
- Lelyuk, V.A.** Structural changes in sheet steel under the influence of lubricants during rolling 8-95815
- Lema, S.A.** *see* Blake, R. 8-61185
- Lemaire, H.** *see* Marcon, G. 8-91905, 8-92237
- Lemaire, J.** Penetration of the solar wind in the magnetosphere 8-88989
- Lemaire, J.**, Roth, M. Penetration of solar wind plasma elements into the magnetosphere 8-61675
- Lemaire, J.**, Scherer, M. Field aligned distribution of plasma mantle and ionospheric plasmas 8-57406
- Lemaire, P.**, Charra, J., Jouchoux, A., Vidal-Madjar, A., Artzner, G.E., Vial, J.C., Bonnet, R.M., Skumanich, A. Calibrated full disk solar H I Lyman- α and Lyman- β profiles 8-93185
- Lemaire, P.** *see* Artzner, G. 8-93186
- Lemaire, P.** *see* Gignoux, D. 8-84427
- Lemaistre, J.P.**, Kottis, P. Calculations of ESR line shapes of triplet molecular aggregates in solid matrices. I. Fine and hyperfine structures of molecular pairs and molecular linear chains in ordered matrices 8-58878
- Lemanceau, B.** *see* Biais, J. 8-61055
- Lemasson, P.**, Peslerbe, G., Baticle, A.M., Vennereau, P. Electrochemical study of the tungsten trioxide single crystal electrode with various redox couples. Growth of ternary compounds on the surfaces of these electrodes 8-61016
- LeMaster, E.W.** *see* Chance, J.E. 8-88913
- Lemat, J.** *see* Ernst, C. 8-62807
- Lembege, B.**, Gonfalone, A. Cyclotron harmonic waves and resonance cone 8-91098
- Lembrikov, V.I.** Behaviour of a nematic crystal in a magnetic field 8-51417
- Lemercier, C.** *see* Caldemaison, D. 8-55908
- LeMere, M.** *see* Stubeda, D.J. 8-50168
- Lemeunier, P.** Fibre optics and telecommunications 8-55463
- Lemke, B.P.**, Haneman, D. Dangling bonds on silicon 8-52351
- Lemke, B.P.**, Haneman, D. EPR centres at a gas-solid interface induced by a microwave gas plasma 8-80215
- Lemke, D.** *see* Hofmann, W. 8-81715
- Lemke, D.** *see* Thum, C. 8-54012
- Lemke, E.** *see* Mosch, W. 8-67575, 8-67576
- Lemke, H.R.** Van Nauta *see* Van Nauta Lemke, H.R.
- Lemlich, R.** Prediction of changes in bubble size distribution due to interbubble gas diffusion in foam 8-85204
- Lemmens, M.**, Roger, M. Influence of ion exchange on dissolved load of Alpine meltwaters 8-81228
- Lemmens, M.** *see* Souchez, R. 8-61447
- Lemmer, A.H.** More information from the Frank ECG by turning the reference axes by 20° 8-92713
- Lemming, J.F.** *see* Sexton, E.H. 8-54759
- Lemmon, G.N.** *see* Carroll, R.F. 8-54963
- Lemmon, R.M.** *see* Petrouleas, V. 8-55861, 8-88647
- LeMone, M.A.** *see* Sommeria, G. 8-73428
- LeMone, M.A.** *see* Wyngaard, J.C. 8-73430
- Lemonne, J.** *see* Baland, J.F. 8-93911
- Lemonnier, J.-C.** *see* Depauteux, C. 8-62236
- Lemonnier, M.**, Collet, O., Depauteux, C., Esteve, J.-M., Raoux, D. High vacuum two crystal soft X-ray monochromator 8-62272
- Lemonnier, M.**, Fournie, R., Rousseaux, F., Kahn, R. X-ray curved-crystal monochromator system at the storage ring DCI 8-66017
- Lemonnier, M.** *see* Tchoubar, D. 8-66020
- Lemons, D.S.**, Gary, S.P. Current-driven instabilities in a laminar perpendicular shock 8-77430
- Lemos, C.E.** *see* Caprihan, A. 8-81012
- Lemos, V.**, Cerdeira, F., Cardona, M. Atomic motions corresponding to zone center phonons in paratellurite 8-76461
- Lemos, V.** *see* Scarparo, M.A.F. 8-79700
- Lena, P.** *see* Wegmann, H.M. 8-85813
- Lena, P.** *see* Wijnbergen, J.J. 8-81552
- Lenaers, A.** *see* Block, P. 8-81044
- Lenahan, J.P.** *see* Macdonald, B. 8-85445
- Lenain, J.C.** An analytical R-curve expression of a brittle matrix composite containing discontinuous fibres 8-76756
- Lenain, J.C.**, Bunsell, A.R. The behaviour of GRP tubes under cyclic pressurisation 8-68761
- Lender, R.**, Szepan, R. Standard-frequency-controlled digital clock for high precision time measurements 8-77871
- Lendi, K.** Criticism of the OPW method for band structure calculations 8-56064
- Lendvai, E.**, Pocsik, G. Inclusive e^+e^- annihilation into hadrons and neutral weak currents 8-50041
- Lendvay, E.** *see* Gorog, T. 8-92195

- Lene, F.** Macroscopic behaviour of elastic materials endowed with rigid inclusions or periodically spaced holes 8-87260
- Lenel, R.K., Crosley, D.R.** Energy transfer in $A^{2+}OH$. II. Vibrational R 8-74742
- Lengeler, B., Mantl, S., Triftshauser, W.** Interaction of hydrogen and vacancies in copper investigated by positron annihilation 8-80434
- Lengeler, B.** see Lasser, R. 8-84675
- Lengeler, H.** see Citron, A. 8-89589
- Lengemann, F.W., Wentworth, R.A.** The transfer coefficient of ^{137}Cs into cows milk as related to the level of milk production 8-80978
- Lenglet, M.** see Lerebours, B. 8-51461, 8-76447
- Lengsfeld, B.H., III, Schug, J.C.** Ab initio projected-unrestricted Hartree-Fock calculations. The methyl radical and the ozone molecule 8-58582
- Lengsfeld, B.H., III, Schug, J.C.** Approximate spin-extended Hartree-Fock calculations 8-78621
- Langweiler, K.** see Fairchild, R.G. 8-84667, 8-84668
- Lengyel, S.** Study of the stationary state of dissociating dimers in nonisothermal ideal gas phase 8-76848
- Lenhard, U.** see Georgii, H.-W. 8-73469
- Lenjuk, M.P., Seredjuk, Z.L.** Temperature fields in the compound unbounded cones 8-54317
- Lenk, H.** To the significance of the holography for the measuring technique 8-90395
- Lenk, R.** Multiple scattering in condensed materials. I. The embedding field and the effective medium 8-51867
- Lenk, R.** see Blaudeck, P. 8-91578
- Lenkkeri, J.T., Lahtenkorva, E.E.** An investigation of elastic moduli of vanadium-chromium alloys 8-84881
- Lenkkeri, J.T.** see Palmer, S.B. 8-76290
- Lenko, J.E.** see Schiffer, D. 8-54387
- Lennartsson, W., Reasoner, D.L.** Low-energy plasma observations at synchronous orbit 8-77435
- Lennartsson, W., Whipple, E.C.** Comment on 'The signature of parallel electric fields in a collisionless plasma' by E.C. Whipple, Jr. [and reply] 8-77439
- Lenney, W., Richardson, R.E.** The measurement of total respiratory resistance in pre-school children using a modification of the forced oscillation technique 8-77129
- Lennon, C.R.A., Williams, J.D., Bhalla, A.K.** Explosive compaction of metal powders 8-64501
- Lennon, G.P.** see Liu, P.L.-F. 8-77270
- Lennon, P.J.** see Nolen, R.L., Jr. 8-50306
- Lenoe, E.M., Neal, D.** Failure prediction of finite flawed ceramic plates under combined stresses 8-72884
- Lenschow, D.H.** see Wyngaard, J.C. 8-73430
- Lensen, M.** see Lerebours, B. 8-76447
- Lensing, J.** The stability of one-dimensional elastic beams 8-87270
- Lensing, J., Sasse, L.** Simultaneous measurement of partial oxygen pressure and bioelectric potentials in living tissue 8-85453
- Lenskii, E.V.** Movement of extensible string within a non-viscous fluid 8-77718
- Lent, A.** see Altschuler, M.D. 8-77111
- Lent, A.H.** see Greenleaf, J.F. 8-69161
- Lent, E.M.** see Cheng, J.C. 8-66450
- Lenth, W., Lutz, F., Barth, J., Kalkoffen, G., Kunz, C.** Giant resonance enhancement of the 4f, 5p and 5s states in the photoemission spectra of rare-earth compounds 8-95660
- Lenth, W.** see Huber, G. 8-52556
- Lenthe, J.H.** Van see Van Lenthe, J.H.
- Lentner, K.J.** see McAuliff, R.C. 8-93735
- Lenz, B., Walther, R.J.** Electron temperatures in low pressure RF-discharges 8-67542
- Lenz, B.** see Freisinger, J. 8-67543
- Lenz, H.** see Eichler, J. 8-69177
- Lenzi, G., Podini, P., Reverberi, R., Pernestal, K.** Low cost time to digital converter in real time with ± 1 ns resolution 8-55111
- Lenzi, M.** see Nguyen Xuan, C. 8-78750
- Leo, M., Leo, R.A., Soliani, G.** Soliton-like solutions for a dispersive nonlinear wave equation 8-93538
- Leo, R.A.** see Leo, M. 8-93538
- Leo, R.** De see De Leo, R.
- Leon, J., Quiros, M., Mittelbrunn, J.R.** Probabilistic interpretation, group contraction and the Galilean limit of relativistic quantum mechanics 8-77760
- Leon, M.** Energy spectrum of stopping negative mesons and the concentration dependence of capture fractions 8-78600
- Leon, M., Seki, R.** Dynamic electron screening in nuclear and mesonic atom E1 transitions 8-55260
- Leonachescu, N.P.** Heat transfer in soils in the case of partially embedded structures under asymmetrical thermal conditions 8-55554
- Leonard, B.P., Vachtsevanos, G.T.** Unsteady-state, two-dimensional salinity intrusion model for an estuary 8-77271
- Leonard, B.R., Jr.** see Conn, R.W. 8-58418
- Leonard, B.R., Jr.** see Teofilio, V.L. 8-62615
- Leonard, C.D.** see Fienup, J.R. 8-74869
- Leonard, P.F.** see Kircos, L.T. 8-77106
- Leonardi, R.** see Stringari, S. 8-78292
- Leonas, V.B.** see Zubkov, B.V. 8-86381
- Leonberger, F.J., Donnelly, J.P., Bozler, C.O.** Wavelength dependence of GaAs directional couplers and electrooptic switches 8-79143
- Leonberger, F.J., Ralston, R.W., Reible, S.A.** Gap-coupled InSb/LiNbO₃ acoustoelectric convolver operating at 77K 8-94492
- Leone, S.R.** Vibrational chemiluminescence detected from ion-molecule reactions 8-88625
- Leone, S.R., Kosnik, K.G.** An optically pumped S₂ laser 8-63095
- Leone, S.R.** see Braithwaite, M. 8-85144
- Leone, S.R.** see Hofmann, H. 8-80738
- Leone, S.R.** see Horwitz, A.B. 8-82790
- Leone, S.R.** see Koffend, J.B. 8-90413
- Leong, M.S., Choo, S.C., Tan, L.S.** The role of source boundary condition in spreading resistance calculations 8-89499
- Leong, W.H.** see James, D.W. 8-80332
- Leonhard, J.** see Ober, J.K. 8-53578
- Leonhardt, G., Neumann, H., Kosakov, A., Gotze, T., Petke, M.** Investigation of the electronic structure of V₂VI₃ compounds by means of X-ray emission and photoelectron spectroscopy 8-52638
- Leonhardt, H., Armtz, H.-R.** Correspondence between cardiovascular risk factors and blood viscosity variations associated with hyperlipoproteinaemia 8-57031
- Leonhardt, J.W., Popp, P.** Studies of energy transfer processes in weakly ionized neon and argon at high pressure 8-58845
- Leonidov, N.B., Rodin, V.I.** Program for calculating the correlation time from nuclear magnetic relaxation data 8-88210
- Leonov, A.A.** see Gurvich, A.S. 8-65383
- Leonov, A.I., Aksenova, L.A., Andrushchenko, N.S., Kostikov, Yu.P., Mudrolyubova, L.P., Rotenberg, B.A.** Phase redistribution in the solid solution CaTiO₃-LaAlO₃ during roasting in hydrogen 8-52735
- Leonov, A.I., Aksenova, L.A., Mudrolyubova, L.P., Rotenberg, B.A.** Effect exerted on the electrical properties when rare earth aluminates are roasted in reducing and oxidizing media 8-52736
- Leonov, B.I.** see Gromov, Yu.V. 8-70603
- Leonov, I.G., Nikiforov, Z.S., Bogoroditskii, S.K.** Metrological provisions for means of nondestructive testing 8-73001
- Leonov, M.Ya., Rychkov, B.A., Sulaimanov, Zh.** The theory of steady plastic deformation 8-63802
- Leonov, P.V.** see Abdullaev, G.B. 8-87946
- Leonov, S.V.** see Kuz'min, G.I. 8-89952
- Leonov, V.M.** see Dmitruk, N.L. 8-88366
- Leonov, V.V., Chunarev, E.N.** Influence of the size of phases on the microhardness of oriented eutectics Te-Bi₂Te₃ and Te-Sb₂Te₃ 8-92322
- Leonov, Yu.S.** see Zheleznykh, I.M. 8-55109
- Leonova, E.A.** see Panferov, V.M. 8-63306
- Leont'ev, A.I., Fomichev, V.M.** Skin friction and heat transfer across pulsating laminar boundary-layer 8-94711
- Leont'ev, A.I., Puzach, V.G., Komarov, V.P., Ermolacov, I.K., Dubina, N.V., Fadeev, V.A.** Friction at the surface of a plate with simultaneous injection and suction of gas 8-83469
- Leont'ev, P.A.** see Bykovskii, Yu.A. 8-68629
- Leontev, V.G., Ostapchenko, E.P.** Effect of excitation conditions on the radial distribution of population inversion in the active element of a He-Ne laser 8-71079
- Leontev, V.G., Pismennyi, S.V.** Output power of a gas laser taking into account the distribution of the unsaturated gain along the tube 8-50751
- Leont'ev, V.M.** see Golovkin, S.V. 8-78218, 8-89919
- Leontiev, A.I.** see Styrikovich, M.A. 8-94544
- Leont'yev, A.I., Shishov, Ye.V., Belov, V.M., Afans'yev, V.N.** Mean and fluctuating characteristics of thermal turbulent boundary layers and heat transfer in divergent flows 8-83370
- Leont'yev, A.I.** see Styrikovich, M.A. 8-55678
- Leont'yev, G.G.** see Rifert, V.G. 8-75039
- Leopold, H., Hinghofer-Szalkay, H., Kenner, Th., Holzer, H.** Rapid determination of the sedimentation rate of blood free from the influence of gravity 8-81085
- Leopold, J.G., Percival, I.C.** Microwave ionization and excitation of Rydberg atoms 8-94217
- Leopold, J.G.** see Banks, D. 8-82687
- Leopold, K.E.** see Taylor, R.S. 8-58992
- Leotin, J.** see Fert, A.R. 8-80339
- Leovy, C.B.** see Ryan, J.A. 8-89096
- Lepage, G.P.** A new algorithm for adaptive multidimensional integration 8-57762
- Lepage, G.P.** see Caswell, W.E. 8-74147, 8-94337
- Lepek, M.** see Horodecki, A.J. 8-64149
- Lepikhin, F.G.** see Boos, E.G. 8-62530
- Lepere, D.** see Depautex, C. 8-62271
- Lepetre, T.P.** see Dusseau, J.M. 8-64048
- LePichon, X.** see Auzende, J.-M. 8-53632
- Lepik, U., Mroz, Z.** Optimal design of impulsively loaded plastic beams for asymmetric mode motions 8-90723
- Lepine, J.R.D.** see Scalise, E., Jr. 8-53954
- Lepine, Y., Bader, G., Matz, D.** Ground state energy of bound polarons 8-87925
- Lepishev, A.A.** see Drokin, N.A. 8-56178
- Lepley, B.** see Hess, J.M. 8-52088
- Leplyanin, G.V.** see Rafikov, S.R. 8-73068
- Leporskii, A.N.** see Bekeshko, N.A. 8-49837, 8-53083, 8-56868
- Leporskii, A.N.** see Kryuchkov, Yu.N. 8-89500
- Lepowsky, J., Wilson, R.L.** Construction of the affine Lie algebra $A_1^{(1)}$ 8-89626
- Lepp, R.M.** see Moeck, E.O. 8-58389
- Lepper, R.-D., Reuter, R., Trier, H.G.** Digitization of high-frequency ultrasonic signals for tissue differentiation in ophthalmology 8-80935
- Lepper, R.-D., Trier, H.G., Reuter, R.** Methodical conditions for a computer-aided tissue characterization by ultrasonics 8-80932
- Leppihalme, M., Tuomi, T.** Photon energies and barrier height from photovoltage spectra of Au-intrinsic Ge diodes 8-64112
- Leppihalme, M., Viljanen, J.** Properties of optical waveguide in integrated optics 8-66947
- Lepping, R.P., Behannon, K.W.** Mariner 10 magnetic field observations of the Venus wake 8-96417
- Lepping, R.P., Ness, N.F.** An extension of the dual magnetometer method for use on a dual spinning spacecraft 8-77459
- Lepping, R.P.** see Coroniti, F.V. 8-77436
- Leppington, F.G.** Acoustic scattering by membranes and plates with line constraints 8-90554
- Leppington, F.G.** see Davis, A.M.J. 8-90925
- Leprince, P.** see Bloyet, E. 8-59674, 8-75385
- Lequeux, J.** see Cesarsky, C.J. 8-85988
- Lequeux, J.** see Guibert, J. 8-86008
- Lerach, L.** see Albrecht, H. 8-56211
- Lerberghe, A.** Van see Van Lerberghe, A.
- Lerch, F.J.** see Vonbun, F.O. 8-77250
- Lerch, G.** see Anderle, F. 8-50268
- Lerche, I.** On the passage of radiation through inhomogeneous, moving media. XIII. Causality, analyticity, group speed, transparency and allied phenomena with emphasis on some recent calculations by Ko and Chuang 8-65490
- Lerche, I.** On phase and ray directions of magnetosonic waves 8-94906
- Lerche, I.** see Gunn, J.E. 8-93091
- Lerche, R.** see Greenwood, J.R. 8-51366
- Lerche, R.A.** see Cheng, J.C. 8-66450
- Lerche, R.A.** see Coleman, L.W. 8-51362
- Lerche, R.A.** see Storm, E.K. 8-74471
- Lerche, W.** see Krenz, W. 8-54624
- Lerebours, B., Arsene, J., Erb, A., Lenglet, M.** Correlations between the phase diagrams, infrared spectra, and electronic spectra of the Cu²⁺ ion in the Li_{0.5}Ga_{2.5}O₄-CuCr₂O₄ system 8-51461
- Lerebours, B., Tellier, J.-C., Lensen, M., Lenglet, M.** Crystallographic and magnetic study of Li_{0.5}Fe_{2.5}O₄-CuFe₂O₄-ZnFe₂O₄ 8-76447
- L'Erede, A.** see Canella, G. 8-80702
- Lerf, A.** see Butz, T. 8-76366
- Lergyel, G.** A study of lateral modes in wide double-heterostructure GaAs-GaAlAs laser diodes 8-59009
- Lericque, J.F.** see Genand-Riondet, N. 8-66022
- Lerk, C.F.** see De Boer, A.H. 8-84731
- Lerner, A.M., Fridman, V.E.** Model equations for the nonlinear acoustics of media with a high thermal conductivity 8-90565
- Lerner, D.E.** see Curtis, W.D. 8-49732
- Lerner, E.** Itzhak see Itzhak Lerner, E.
- Lerner, I.V., Lozovik, Yu.E.** Phase diagram of quazero-dimensional electron-hole system 8-60060
- Lerner, R.M., Hollinger, J.P.** Analysis of 1.4 GHz radiometric measurements from SKY-LAB 8-65338
- Lerner, S.L.** see Murr, L.E. 8-95108
- Leroi, G.E.** see Fang, H.L.-B. 8-74715
- Leroi, G.E.** see Whitfield, R.G. 8-56470, 8-68496
- Lerou, J.J., Froment, G.F.** Estimation of heat transfer parameters in packed beds from radial temperature profiles 8-83467
- Leroux, B.** see Guet, C. 8-74411
- Leroux, R.** see Koniuk, R. 8-74239
- Leroy, B.** On the group of invariance of the (one-dimensional) sine-Gordon equation 8-54528
- Leroy, B.** A four-filter photometer for the measurement of total ozone in the atmosphere 8-61597
- Leroy, B.** see Jourdain, J.L. 8-74673
- Leroy, B.** see Plougonven, C. 8-67723

- Leroy, C. Pionic transitions of baryons in the MIT bag model 8-82155
- Leroy, D., Ravaine, D. Electrical properties of new glasses with a ZrF_4 base 8-75868
- Leroy, G. *see* Burke, L.A. 8-74557
- LeRoy, G.H. *see* Embury, J.D. 8-56718
- Leroy, O. *see* Mertens, R. 8-60421
- Leroy, O. *see* Poleunis, F. 8-90358
- LeRoy, R.L. Design of an electrocoating cell for constant current density operation. A Fourier-transform method of solution of the Laplace equation 8-76609
- Leroy, Y. *see* Vindevoghel, J. 8-52022
- Leroy, Y. *see* Zimmermann, J. 8-72184
- Lert, P.W., Weare, J.H. Static semiclassical response of a bounded electron gas. I 8-56089
- Lert, P.W., Weare, J.H. Linear response theory of surface electronic structure 8-56197
- Lert, P.W., Weare, J.H. Static semiclassical response of a bounded electron gas. II. The finite barrier model 8-72221
- Les, J. *see* Orszagh, A. 8-51404
- Lesage, B. *see* Moulin, G. 8-52798
- Lesene, D. Joining optical fibres 8-55464
- Lesche, B. *see* Alden Mead, C. 8-77687
- Lesche, B. *see* Ruch, E. 8-77824
- Leschke, H., Hirshfeld, A.C., Suzuki, T. Dyson-Wick expansions for nonlinear Bose systems 8-73921
- Leschonski, K. On-line measurement of particle size distribution in gases and liquids 8-60895
- Lescroel, M. *see* Delagebeaudeuf, D. 8-56215
- Leseur, C. *see* Guyader, J.L. 8-83143
- Lesh, J.R. Swarms of stars: cosmic calibrators 8-57599
- Lesh, J.R. *see* Sweeney, L.H. 8-81560
- Leshcheko, I.G. *see* Okrushko, E.I. 8-56864
- Leshchenko, I.G., Vinokurov, B.B., Zolotukhin, V.G. Two-frequency defectoscope for testing steel spring wire 8-72963
- Leshchenko, V.N. *see* Buyan, G.P. 8-70879
- Leshenyuk, N.S., Nevdkh, V.V., Orlov, L.N., Trushin, S.A., Churakov, V.V. An investigation of the energy relaxation rate of the anti-symmetric type of CO_2 molecule vibrations depending on temperature 8-82826
- Leshner, C.M. Mineralogy and petrology of the Sokoman Iron Formation near Ardua Lake, Quebec 8-77228
- Leshtan, I.N. *see* Gavrilov, M.N. 8-52908
- Lesikar, A.V. Comment on 'The composition dependence of glass transition properties' 8-59936
- Lesikar, J. *see* Biegert, E. 8-93901
- Lesikar, J. *see* Marshak, M.L. 8-82245
- Lesin, V.I. *see* Frankevich, E.L. 8-88230, 8-91619
- Lesk, I.A. *see* Gurtler, R.W. 8-76597
- Lesk, J.H. *see* Castellano, E.E. 8-91311
- Leskela, M. *see* Valkonen, J. 8-51485
- Leskiw, D.M. *see* Whitman, G.M. 8-62994
- Leslie, D.C. The form of the extended Reynolds analogy for rough surfaces 8-51159
- Leslie, E.V. *see* Panaro, V.A. 8-88739
- Leslie, F.M. *see* Clark, M.G. 8-75549
- Leslie, J.C. *see* Guinn, V.P. 8-85274
- Leslie, J.D. *see* Lim, C.S. 8-84358
- Leslie, K.E. *see* Young, J.C. 8-86659
- Leslie, W.C., Rauch, G.C. Precipitation of carbides in low-carbon Fe-Al-C alloys 8-52814
- Leslie, W.C. *see* Barker, L.M. 8-60815
- Lesnaya, M.I. *see* Grebenkina, V.G. 8-60176
- Lesne, J.L. *see* Dessus, B. 8-75233
- Lesnevsky, L.N. *see* Gomilka, L.A. 8-71558
- Lesniak, H., Lesniak, L. Analysis of backward proton- 3He and 4He elastic scattering at intermediate energies 8-58270
- Lesniak, L. *see* Lesniak, H. 8-58270
- Lesnik, N.A. *see* Pogorelyi, A.N. 8-60352
- Lesnik, N.D. *see* Eremenko, V.N. 8-60879
- Lesnikov, B.M. *see* Anisimova, E.P. 8-61429
- Lesny, J. *see* Chacharak, M.P. 8-95984
- Lesnykh, O.D. *see* Ulyanitskaya, A.D. 8-86746
- Lesquoy, E. *see* Bozzoli, W. 8-93995
- Lessard, L. *see* Cheung, H.C. 8-86510
- Lessen, M., Barclon, A., Butler, T.E. On the growth, limiting thickness, and dominant eddy scale of turbulent shearing layers in the atmosphere 8-92955
- Lessler, D. *see* Bolomey, J.Ch. 8-62985
- Lester, D.F. *see* Rank, D.M. 8-96522
- Lester, W.A., Jr. *see* Green, S. 8-89237
- Lestev, A.M. Motion of a gyroscopic in a cardan suspension with a gap in one pivot 8-73985
- Lestienne, R. Four ideas of David Bohm on the relationship between quantum mechanics and relativity 8-54242
- Lestrade, J.C. *see* Badiali, J.P. 8-75528
- Lestrade, J.P., Chamberlain, J.W. The clouds of Venus: an anisotropic scattering model 8-53852
- Lesueur, C. *see* Guyader, J.L. 8-83142
- Lesueur, D. *see* Bittar, A. 8-87973
- Leta, D.P. *see* Ganjei, J.D. 8-61070
- Letamendia, L. *see* Graciaa, A. 8-80793
- Leteinturier, D., Dufour, P., Eyriey, M. DIS-TAV calculation code for the determination of the temperature of sodium in bundles of piles deformed by helicoidal wires in the fast neutron reactor 8-94085
- Letellier, P.S. Unified theory of direct interaction between particles, strings and membranes 8-86433
- Letellier, M. *see* Cruz, M.I. 8-95226
- Letessier, J., Tounsi, A., Satz, H. Statistical bootstrap and pion condensation 8-70345
- Letfus, V., Apostolov, E.M., Nestorov, G.T. Experimental examination of the possible influence of the 1.87 Å line emission on the fine structure of the lower ionosphere ionization 8-65588
- Letheren, M. *see* Pernegr, J. 8-50047
- Letkii, V.M., Gerashchenko, O.A., Burlei, V.D. Use of heat flux transducers to investigate local heat exchange in tubes 8-83509
- Letkova, O.V. *see* Kinzhivalo, V.V. 8-80516
- Letokhov, V.S. Laser spectroscopy. V. Raman spectroscopy 8-65979
- Letokhov, V.S. Multiphoton and multistep vibrational laser spectroscopy of molecules 8-90151
- Letokhov, V.S., Chebotaev, V.P. Nonlinear narrow resonances in optics and their applications 8-70974
- Letokhov, V.S., Makarov, A.A. Excitation of multilevel molecular systems by laser IR field frequency-dynamic effects 8-55212
- Letokhov, V.S., Minogin, V.G. Quantum motion of atoms in the resonant field of a standing light wave 8-50508
- Letokhov, V.S., Minogin, V.G. Trapping and storage of atoms in a laser field 8-86826
- Letokhov, V.S., Minogin, V.G. Laser monochromator of a relativistic proton beam with resolution and accuracy up to 2×10^5 8-90010
- Letokhov, V.S. *see* Ambartsumian, R.V. 8-50606
- Letokhov, V.S. *see* Antonov, V.S. 8-78840
- Letokhov, V.S. *see* Bekov, G.I. 8-94216
- Letokhov, V.S. *see* Knyazev, I.N. 8-66614, 8-73041
- Letokhov, V.S. *see* Stenholm, S. 8-50529
- Letolle, R. *see* Vergnaud-Grazzini, C. 8-96239
- Letort, Y. Present knowledge on aluminium silicates 8-60659
- Letourneux, J. *see* Giraud, B.G. 8-62558
- Letowski, S. *see* Blukis, M. 8-60396
- Letsch, R. *see* Stockhausen, N. 8-60929
- Lettieri, T.R., Brody, E.M., Bassett, W.A. Soft mode dynamics at the pressure-induced ferroelectric transition in sodium nitrate 8-72475
- Lettieri, T.R., Brody, E.M., Bassett, W.A. Soft mode dynamics at the $NaNO_3$ ferroelectric transition 8-80308
- Letts, R.M. *see* Quanbury, A.O. 8-80994
- Letts, S.A. *see* Johnson, W.L. 8-60859
- Letur, J.P. *see* Sentz, A. 8-71188
- Letyagin, V.G. *see* Khalatov, A.A. 8-83489
- Letz, H. Nonstationary solutions for a special bilinear Bose Hamiltonian 8-73864
- Letz, H. *see* Morelli, C. 8-65209
- Leubner, C. The spectrum of nonlinear inverse Compton radiation by the method of steepest descents 8-85840
- Leubner, M.P. Influence of non-bi-Maxwellian distribution function of solar wind protons on the ion cyclotron instability 8-96375
- Leubner, M.P. *see* Cap, F.F. 8-75258
- Leuca, I. *see* Kanter, E.P. 8-62531
- Leuca, I. *see* Temmer, G.M. 8-50160
- Leuchs, G., Walther, H. Investigation of the fine structure splitting of Rydberg states 8-86979
- Leuchs, M., Zundel, G. Easily polarizable hydrogen bonds in aqueous solutions of acids. Nitric acid 8-94243
- Leuchs, M. *see* Janoschek, R. 8-94231
- Leucht, R. *see* Ziegler, G. 8-64561
- Leun, C.Van Der *see* Van Der Leun, C.
- Leunen, J.A.J.van *see* Van Leunen, J.A.J.
- Leung, C.H., Song, K.S. Model of excitonic mechanism for defect formation in alkali halides 8-91337
- Leung, C.H., Stott, M.J. Temperature dependence of monovacancy formation parameters for simple metals. II. Extension of the Kanzaki lattice statics method to finite temperatures 8-75658
- Leung, K.N., Collier, R.D., Marshall, L.B., Galaher, T.N., Ingham, W.H., Kribel, R.E., Taylor, G.R. Characteristics of a multidipole ion source 8-55080
- Leung, K.N., Kribel, R.E., Goede, A.P.H., Green, T.S. Primary electron confinement measurement in a multidipole device 8-55739
- Leung, M.K., Dietze, G., Brede, H.-J. Emittance measuring instrumentation for the PTB cyclotron 8-58512
- Leung, S.W.-L., Sherif, H.S. Optical model analysis of $p+^4He$ elastic scattering at intermediate energies 8-78369
- Leung, S.Y., Tolk, N.H., Heiland, W., Tully, J.C., Kraus, J.S., Hill, P. Optical radiation from low-energy hydrogen atomic and molecular ion-surface collisions 8-95644
- Leung, S.Y. *see* Weber, M.J. 8-72542
- Leung, W.H., Nancollas, G.H. Nitritoltri (methylenephosphonic acid) adsorption on barium sulfate crystals and its influence on crystal growth 8-88417
- Leung, Y.C. *see* Huang, W.F. 8-52592
- Leung, Y.-K. *see* Cooper, D.R. 8-51448
- Leung Chun Ming *see* Chun Ming Leung
- Leung Chung-Ngoc *see* Chung-Ngoc Leung
- Leung Kam-Ching *see* Kam-Ching Leung
- Leupold, H.A. *see* Winter, J.J. 8-74037
- Leupolt, A. Absorption of H_2O in the wavelength region 1-8 μm : laboratory measurements and comparisons with theoretical computations 8-81402
- Leupolt, A. Temperature dependence of absorption of methane 8-90159
- Leushkin, E.K. *see* Alexeev, V.L. 8-54721
- Leute, V., Botner, H. Phase boundary processes in the system (Cd, Pb)(S, Se) 8-71857
- Leutloff, D. *see* Kolb, D.M. 8-50498
- Leutwyler, H. Relativistic dynamics on a null plane 8-54584
- Leutwyler, H. *see* Jersak, J. 8-86440
- Leutz, H. *see* Borreani, G. 8-82232
- Leuven, P.Van *see* Van Leuven, P.
- Lev, A.A. *see* Schagina, L.V. 8-56957
- Lev, E.Ya. *see* Bushmarina, G.S. 8-56065
- Lev, M.L., Peregud, B.P. Growth time of the MHD sausage instability in a liquid conductor 8-67279
- Leva, A.Di *see* Di Leva, A.
- Levai, A. New aspects in assessing the expected role of nuclear energy 8-82465
- Levandowsky, M. *see* Hauser, D.C.R. 8-57026
- Levanon, H. *see* Eliav, U. 8-53224
- Levanov, V.I. *see* Bronnikov, V.K. 8-73005
- Levanuk, A.P., Osipov, V.V. Mechanisms for the photorefractive effect 8-92045
- Levanuk, A.P. *see* Aslanyan, T.A. 8-79768
- Levart, E. *see* Contamin, O. 8-53213, 8-73053
- Levart, E. *see* Schuhmann, D. 8-53214
- Levashkevich, L.V. *see* Kovalev, A.A. 8-74936
- Levasseur, A., Cales, B., Reau, J.-M., Hagenmuller, P. Ionic conductivity of Li in $B_2O_3-Li_2O-LiCl$ glass systems 8-51730
- Levato, H., Abt, H.A. Spectral types in the Ursa Major stream 8-85984
- Levato, H. *see* Abt, H.A. 8-57601
- Levatter, J.L., Morris, J.H., Shao-Chi Lin. Electron-beam-controlled discharge XeCl excimer laser 8-63125
- Levchenko, A.S. *see* Zabortseva, T.A. 8-74883
- Levchenko, G.V. An investigation of the softening process in steel 15GYuT 8-52840
- Levchenko, I.S. *see* Golovashkin, A.I. 8-88055
- Levchenko, N.M. *see* Verkin, B.I. 8-94538
- Levchenko, T.N. *see* Ishkhanov, B.S. 8-78573
- Levchenko, V.G. *see* Basargin, Yu.G. 8-66439
- Levchenko, V.G. *see* Portnoi, V.K. 8-60709
- Levchenko, V.Ya. *see* Kapinos, V.M. 8-63417
- Levchuk, E.A. *see* Zverev, G.M. 8-50843
- Levdansky, V.V. *see* Gorelik, G.E. 8-51198
- Levdiak, V.A. *see* Alekseeva, O.K. 8-76555
- Levdiak, V.A. *see* Golovkin, V.S. 8-72374
- Leveille, J.P. The second-order weak correction to (g-2) of the muon in arbitrary gauge models 8-62301
- Levelut, A. *see* Doussineau, P. 8-75789, 8-79671
- Levelut, A. *see* Hartemann, P. 8-84040
- Levelut, A.M. *see* Doucet, J. 8-51407
- Levelut, A.-M., Albou, N., Lambert, M., Craievich, A. Preliminary studies of phase transformations in single crystals of dipalmitoyl lecithin dihydrate 8-91436
- Levelut, A.-M. *see* Doucet, J. 8-94971
- Leven, R. *see* Becker, W. 8-75314
- Leven, R. *see* Konig, A. 8-75312
- Levenberg, L.I. Improving the roentgenographic method of checking the bushes of crankshafts 8-53149
- Levenson, G.I.P. *see* Fyson, J.R. 8-64825
- Levenson, L.L. *see* Sinharoy, S. 8-56056, 8-85013
- Levenson, L.L. *see* Yoon, K.H. 8-85234
- Levenson, M. Fundamentals of radiography 8-53065
- Levenson, M.D. *see* Agostini, P. 8-58632
- Levenson, M.D. *see* Song, J.J. 8-68530, 8-89559
- Levenson, M.D. *see* Tolles, W.M. 8-82055
- Levenson, M.D. *see* Wheatley, S.E. 8-90137
- Leventhal, J.J. *see* Bearman, G.H. 8-82833
- Leventhal, J.J. *see* Kelley, J.D. 8-66578
- Leventhal, J.J. *see* Myers, G.D. 8-82837, 8-94312
- Leventhal, L. *see* Claridge, D.E. 8-96105
- Leventhal, M., MacCallum, C.J., Stang, P.D. Search for the 1.2 MeV γ -ray line of Warraven and Haynes 8-93475
- Leventhal, S.H. *see* Ciment, C. 8-89348
- Leventhall, H.G. *see* Poole, J.H.B. 8-90592
- Leveque, J.J. *see* Jobert, N. 8-88799
- Leverett, S.D., Jr. *see* Besch, E.L. 8-92734

- Levesque, D.**, Weis, J.J., Patey, G.N. The potential of mean force for an infinitely dilute ionic solution 8-55798
- Levesque, D.** see Oxtoby, D.W. 8-75523
- Levi, C.G.**, Abbaschian, G.J., Mehrabian, R. Interface interactions during fabrication of aluminum alloy-alumina fiber composites 8-76616
- Levi, D.**, Ragnisco, O. Extension of the spectral-transform method for solving nonlinear differential difference equations 8-81804
- Levi, D.** see Bruschi, M. 8-70007
- Levi, D.M.**, Walters, J.W. Visual evoked responses in strabismic and anisometropic amblyopia: effects of check size and retinal locus 8-61171
- Levi, G.** see Alberti, G. 8-76915
- Levi, H.-W.** Difficulties in achieving the planned disposal of waste nuclear material 8-86630
- Levi, L.**, Lubart, L., de Achaval, E.M. Crystal structure of ice accretions 8-85668
- Levi, L.I.**, Kitaev, Ya.A., Grigor'yan, S.A. Apparatus for conductometric titration 8-56933
- Levi, R.** see Barbato, G. 8-88592
- Levi, S.**, Banerjee, S.K. The effects of alteration of the natural remanent magnetization of three ophiolite complexes: possible implications for the oceanic crust 8-65280
- Levi, S.**, Banerjee, S.K., Beske-Diehl, S., Moskowitz, B. Limitations of ophiolite complexes as models for the magnetic layer on the oceanic lithosphere 8-81145
- Levioldi, S.** Purposive image transformations 8-58939
- Levichev, A.S.** see Klimov, I.I. 8-71222
- Levichev, N.V.** see Krol', A.V. 8-88310
- Levikov, S.P.** see German, V.Kh. 8-65320
- Levin, A.A.** see Gutzev, G.L. 8-78837
- Levin, A.Ya.** see Rivkin, S.K. 8-67845
- Levin, B.A.**, Proshechkin, N.K., Rotenberg, M.I., Rybarkov, K.I. Digital instrument for measuring the index of refraction of the atmosphere 8-86321
- Levin, B.Ya.** see Savitskii, A.V. 8-79665
- Levin, B.Yu.** Some problems of accumulation of planets 8-69715
- Levin, D.N.** Semisimple unified gauge theories of strong, weak, and electromagnetic interactions 8-70282
- Levin, E.M.** see Bodak, O.I. 8-56290
- Levin, E.R.**, Ladany, I. Cathodoluminescence of $Al_3Ga_{1-x}As$ grown by liquid-phase epitaxy 8-68565
- Levin, E.S.** see Alekseev, Yu.S. 8-56050
- Levin, G.** see Wang, H.C. 8-92460
- Levin, I.W.**, Pearce, R.A.R. Absolute infrared intensities of cyclopropane- d_0 and cyclopropane- d_5 : Dipole moment derivatives and polar tensors 8-90165
- Levin, I.W.**, Pearce, R.A.R., Spiker, R.C., Jr. Vibrational Raman spectra and intramolecular potential function of solid solutions of dimethyl ether- d_0 and dimethyl ether- d_6 8-68494
- Levin, K.** see Soukoulis, C.M. 8-80162
- Levin, L.A.** see Smilansky, I. 8-50790
- Levin, L.A.** see Tenenbaum, J. 8-66806, 8-82955
- Levin, L.S.** see Gusev, V.K. 8-59666
- Levin, M.B.** see Aristov, A.V. 8-50772, 8-82964
- Levin, M.I.** see Kennedy, W.L. 8-65148
- Levin, V.Yu.** see Andrianov, K.A. 8-76891
- Levina, L.E.** see Evlampiev, A.I. 8-70110
- Levina, S.M.** The effect of elastic boundary compliance on the spectrum of pressure fluctuations in a turbulent flow 8-63422
- Levina, T.G.** see Kalmykov, N.N. 8-78231
- Levine, A.L.**, Stadlander, G. An automatic alignment system for a multibeam laser system 8-50847
- Levine, B.**, Greene, G.J., Gould, R.W. Focusing resonance cones 8-71431
- Levine, B.F.**, Bethea, C.G., Wasserman, E., Leenders, L. Solvent dependent hyperpolarizability of a merocyanine dye 8-70962
- Levine, D.** see Stewart, R.H. 8-77337
- Levine, D.M.** see Harger, R.O. 8-77244
- Levine, H.** Unidirectional wave motions 8-77730
- Levine, H.** Quantum effects in the quark-antiquark potential due to instantons 8-93847
- Levine, I.** see Gaillard, M.J. 8-74752
- Levine, J.** Strain-tide spectroscopy 8-73301
- Levine, J.** see Katzin, G.H. 8-57831, 8-86205
- Levine, J.D.** Magnetic modulation of thermionic emission between parallel cathodes 8-52615
- Levine, M.A.** see Brown, I.G. 8-58402
- Levine, M.A.** see Myers, B.R. 8-67415
- Levine, M.D.** Coriolis machine, or demonstration of inertial motion from a rotating reference frame 8-69934
- Levine, M.D.** see Irish, J.D. 8-61570
- Levine, M.W.**, Vessot, R., Mattison, E., Nystrom, G., Hoffman, T., Blomberg, E. A new generation of SAO hydrogen masers 8-58971
- Levine, R.D.**, Manz, J. Information theoretic investigation of vibrationally excited diatomic molecules in an inert matrix 8-91386
- Levine, R.D.** see Alhassid, Y. 8-81888
- Levine, R.D.** see Gardiner, W.C., Jr. 8-68911
- Levine, R.D.** see Jensen, C.C. 8-90264
- Levine, R.D.** see Korsch, H.J. 8-64807
- Levine, S.** see Brett, A.C. 8-61020
- Levine, Y.K.** see Boden, N. 8-76350, 8-88221, 8-88223
- Levinger, J.S.**, Fitzgibbon, R. Cross sections for trinucleon photoeffect 8-82334
- Levinson, D.A.** Effects of meteoroid impacts on spacecraft attitude motion 8-73608
- Levinson, I.B.** Relaxation of nonequilibrium electrons at very low temperatures 8-60121
- Levinson, I.B.** see Kulakovskii, V.D. 8-88361
- Levinson, L.M.** see Jacobs, I.S. 8-64903
- Levinson, L.M.** see Solomon, H.D. 8-52933
- Levinson, M.**, Menoufi, M.E. Free vibrations of skirt supported pressure vessels—an engineering application of Timoshenko beam theory 8-83299
- Levinson, M.**, Zahradnik, C., Bergh, R., MacVicar, M.L.A., Bostock, J. Electronic properties and the lattice instability of Laves-phase ZrV_2 8-92261
- Levinson, M.** see Bharatha, S. 8-83241
- Levinson, S.** see Adelman, S. 8-57428
- Levinson, Y.B.** Transfer of resonance radiation and nonequilibrium phonons in ruby 8-80418
- Levinson, Y.B.** Energy relaxation of photoexcited hot electrons at very low temperatures 8-91724
- Levinstein, H.** State of the art of infrared detectors 8-77986
- Levinstein, H.** see Lanir, M. 8-88308, 8-91348
- Levinstein, H.J.** see Sinha, A.K. 8-56584, 8-63958
- Levinstone, D.**, Eden, M. A signal-processing procedure for inter-image identification of particle tracks in bubble chambers 8-70727
- Levintov, C.D.** Analysis of operation of magnetoelastic force converters on basis of theory of electromagnetic field in anisotropic medium 8-70166
- Levit, V.I.**, Smirnov, M.A., Bakhteeva, N.D. Substructure of stainless steel after high-temperature thermomechanical treatment with high deformation rates 8-76657
- Levitan, L.L.** see Doroshuk, V.E. 8-90984
- Levitan, L.Ya.**, Safrin, L.M., Fedorchenko, A.N., Sharko, A.V. A method of determining the hardness of steel 8-53114
- Levitan, Yu.L.**, Moiseenko, B.D., Rozhdestvenskii, B.L., Sidorova, V.K. Spectra of the plane Poiseuille flow and the problem of solution of the Navier-Stokes equation for large Reynolds numbers 8-59364
- Levitan, Yu.S.** see Kuznetsova, T.D. 8-71565
- Levitas, I.S.**, Ragauskas, A.V., Manjusite, V.I. Contactless current and power measuring transducers 8-77892
- Levite, U.** see Zimmels, Y. 8-74812
- Levitov, V.I.** see Aksenov, Yu.P. 8-51368, 8-67448
- Levitski, B.M.** see Skvortsov, A.I. 8-51589
- Levitskii, L.S.** Some features of Jovian decametric emission and its temporary variations 8-65546
- Levitskii, R.R.**, Korynevskii, N.A., Stasyuk, I.V. Distribution functions and thermodynamical properties of KD_2PO_4 and $ND_4D_2PO_4$ type crystals 8-76409
- Levitskii, R.R.** see Kozitskii, Yu.V. 8-56434
- Levitskii, V.A.** Thermodynamics of double oxides. I. Some aspects of the use of CaF_2 -type electrolyte for thermodynamic study of compounds based on oxides of alkaline earth metals 8-53241
- Levitt, D.G.** Electrostatic calculations for an ion channel. I. Energy and potential profiles and interactions between ions 8-53367
- Levitt, D.G.** Electrostatic calculations for an ion channel. II. Kinetic behavior of the gramicidin A channel 8-53368
- Levitt, H.** see Waltzman, S.B. 8-57018
- Levitus, S.**, Oort, A.H. Global analysis of oceanographic data 8-65316
- Levitus, S.** see Ellis, J.S. 8-73300
- Levkov, L.**, Anyzh, F., Dobisik, V. Crystallization activity of CuS aerosol prepared by burning a pyrotechnic mixture [cloud modification] 8-96279
- Levkovskii, Yu.L.**, Chalov, A.V. Influence of flow turbulence on the inception and growth of cavitation 8-90948
- Levkovskii, Yu.L.** see Barabanova, G.Ya. 8-83440
- Levman, G.** see Lamsa, J.W. 8-54658
- Levman, G.M.** see Dombek, T. 8-82255
- Levonovich, B.N.** see Kornitskii, A.G. 8-52544
- Levron, D.**, Phelps, A.V. Quenching of $N_2(A^3\Sigma_u^+, \nu=0,1)$ by N_2 , Ar, and H_2 8-90206
- Levsen, K.** see Weber, R. 8-56946
- Levshakov, S.A.** see Varshalovich, D.A. 8-69905
- Levstik, A.** see Milia, F. 8-52375
- Levy, A.** see Gidal, G. 8-58201
- Levy, A.** see Lacome, N. 8-78697
- Levy, B.** see Chambaud, G. 8-78628
- Levy, D.H.** Comment on 'Vibrational predissociation of triatomic van der Waals molecules' 8-55208
- Levy, D.H.**, Donnelly, V.M., Kaufman, F. Comment on 'Mechanism of NO_2 fluorescence quenching' [and reply] 8-74696
- Levy, D.H.** see Kim, M.S. 8-82756
- Levy, D.H.** see Kubiak, G. 8-66584
- Levy, D.H.** see Smalley, R.E. 8-55194
- Levy, F.** see Baubillier, M. 8-93877
- Levy, F.** see Cerrina, F. 8-56569
- Levy, H.A.** see Lisensky, G.C. 8-63714
- Levy, H.A.** see Padmanabhan, V.M. 8-75639
- Levy, J.** see Millour, J.P. 8-52888
- Levy, J.H.**, Taylor, J.C., Wilson, P.W. The crystal structure of uranium pentabromide by powder neutron diffraction 8-91321
- Levy, M.** An energy-density equation for isoelectronic changes in atoms 8-70768
- Levy, M.** see Gedanken, A. 8-49913
- Levy, M.** see Parr, R.G. 8-66485
- Levy, M. (editor)** Cargèse lectures in physics, vol. 7 8-82130
- Levy, M.M.**, Lawson, R.B. Stereopsis and binocular rivalry from dichoptic stereograms 8-56990
- Levy, P.M.**, Fert, A. Magneto-transport properties of noble metals containing rare-earth impurities 8-68015
- Levy, P.M.** see Sablik, M. 8-64034
- Levy, P.M.** see Sudano, J.J. 8-68259
- Levy, P.W.** see Fairchild, R.G. 8-84667, 8-84668
- Levy, R.**, Katow, M.S. Implementation of wind performance studies for large antenna structures 8-57448
- Levy, R.** see Goldring, G. 8-66240
- Levy, R.A.** see O'Horo, M.P. 8-68299
- Levy, S.G.** see Abt, H.A. 8-53990, 8-57551
- Levy, T.** Wave propagation in a fluid saturated porous medium 8-86165
- Levy, U.** see Blit, S. 8-50737
- Levy, U.** see Friesen, A.A. 8-71216
- Levy, Y.**, Miller, D.S., Friedman, G.M., Noshkin, V.E. Analysis of alpha emitters in the coral, Favites virens, from Bikini lagoon by solid-state track detection 8-53661
- Levy, Y.**, Riviere, D., Imbert, C., Boix, M. Determination of oblique angles of a liquid crystal in the nematic phase in the vicinity of a surface 8-79528
- Levy, Y.** see Riviere, D. 8-60413
- Levy-Clement, C.**, Katty, A., Chang, A.T., O'Gorochov Transport properties of V substituted $TiSi_2$ 8-79991
- Levy-Leblond, J.-M.** Towards a proper quantum theory (hints for a recasting) 8-54240
- Lewa, C.** see Blukis, M. 8-60396
- Lewa, C.J.** Effect of ultrasonics on the shear viscosity of alcohols 8-59184
- Lewallen, M.A.** see Heeb, C.M. 8-94111
- Lewallen, M.A.** see Kabele, T.J. 8-94110
- Lewandowska-Marciniak, H.** see Guterch, B. 8-92779
- Lewandowski, B.** see Helbig, V. 8-67479
- Lewandowski, S.J.** see Kotowski, T. 8-89497
- Lewandowski, W.**, Le Dinh Dao Effect of heat treatment on photoluminescence of undoped liquid epitaxial layers $Ga_{1-x}In_xP$ 8-60512
- Lewandowski, Z.**, Loeffler, E., Wagner, R., Mueller, H.H., Reichart, W., Schober, P., Jasicek, H., Riehs, P. Preequilibrium-alpha-emission in the $^{27}Al(p,\alpha\gamma)$ -reaction at $E_p=50$ MeV 8-70518
- Lewandowski, Z.** see Kliczewski, S. 8-89867
- Lewanski, A.J.**, Tobocman, W. Test of the coupled-equations many-body scattering formalism on a soluble three-body model 8-50139
- Lewellen, T.K.**, Williams, D.L., Murano, R. A field procedure for quantitative assessment of gamma cameras 8-85444
- Lewellen, W.S.** see Oliver, D.A. 8-81313
- Lewicki, A.** see Korecki, J. 8-95482
- Lewin, J.**, Wolfenden, P.J. The assessment of sediment sources: A field experiment 8-81227
- Lewin, J.D.** Range-energy relations for hypothetical charged particles 8-58566
- Lewin, J.D.** see Smith, P.F. 8-54597
- Lewin, M.** On a stochastic Volterra equation 8-89405
- Lewin, W.H.G.** see Abramenko, A.N. 8-77622
- Lewin, W.H.G.** see Grindlay, J.E. 8-81708
- Lewin, W.H.G.** see Johnson, H.M. 8-57695
- Lewiner, J.** see Alquie, C. 8-59244
- Lewiner, J.** see Hennion, C. 8-59231
- Lewins, J.** Reactor noise theory as a Markov process 8-74420
- Lewins, J.** Linear stochastic neutron transport theory 8-78436
- Lewis, A.** see Shapiro, S.L. 8-96012
- Lewis, A.J.** see Thomas, I.L. 8-88941
- Lewis, B.** Nucleation theory: Present status and outstanding problems 8-75961
- Lewis, B.M.** Formation times for rich clusters of galaxies 8-69892

- Lewis, B.R.**, Carver, J.H., Hobbs, T.I., McCoy, D.G., Gies, H.P.F. Experimentally determined oscillator strengths and linewidths for the Schumann-Runge band system of molecular oxygen. I. The (6-0)-(14-0) bands 8-90186
- Lewis, C.** *see* Haig, N.D. 8-50899
- Lewis, C.A.** Ice-wedge casts in north east county Wicklow 8-69379
- Lewis, C.F.M.** Drift ice scratches the sea floor 8-92822
- Lewis, C.H.**, Griffin, M.J. A review of the effects of vibration on visual acuity and continuous manual control. II. Continuous manual control 8-61169
- Lewis, C.H.** *see* Griffin, M.J. 8-61168
- Lewis, C.H.** *see* Waskiewicz, J.D. 8-51189
- Lewis, C.L.S.** *see* Key, M.H. 8-94395
- Lewis, D.** *see* Wheeler, E.J. 8-75713
- Lewis, D., III** *see* Baer, J.R. 8-85011
- Lewis, D.G.**, Barrault, M.R., Smith, R. An economic and compact image-converter camera 8-54484
- Lewis, D.W.** *see* MacAlpine, G.M. 8-77494
- Lewis, E.A.S.**, Johnston, J.B. A pie plate radio [for teachers] 8-81771
- Lewis, E.E.** Reactor safety education at Northwestern University 8-58376
- Lewis, E.G.**, Dustman, R.E., Beck, E.C. Visual and somatosensory evoked potential characteristics of patients undergoing hemodialysis and kidney transplantation 8-61160
- Lewis, E.L.** *see* Bowman, N.J. 8-58624
- Lewis, G.** *see* Yoon, K.H. 8-85234
- Lewis, G.B.**, Novotny, J.L., Yang, K.T. An experimental study of natural convection mass transfer along a vertical plate with surface injection 8-90876
- Lewis, G.M.** *see* Armstrong, T.A. 8-89744
- Lewis, I.C.** *see* Chwastiak, S. 8-67831
- Lewis, J.** *see* Duke, J.M. 8-82503
- Lewis, J.** *see* Fernandez, L. 8-66027
- Lewis, J.** *see* Courtenay *see* Courtenay Lewis, J.
- Lewis, J.S.** *see* Consolmagno, G.J. 8-61771
- Lewis, J.S.** *see* Cox, L.P. 8-61718
- Lewis, J.T.** *see* Evans, D.E. 8-65794
- Lewis, J.W.**, Orttung, W.H. The Kerr effect of carbon disulfide and other organic liquids in the ultraviolet 8-72488
- Lewis, K.L.**, Lobo, L.Q., Staveley, L.A.K. The thermodynamics of liquid mixtures of argon+krypton 8-75836
- Lewis, K.L.** *see* Gibbs, R. 8-49838
- Lewis, M.F.** *see* Browning, T.I. 8-59250
- Lewis, M.H.**, Smith, G. Fracture mechanisms in Si-Al-O-N ceramics 8-72879
- Lewis, P.T.**, James, A. On the noise emitted by single vehicles at roundabouts 8-90594
- Lewis, R.A.** *see* Ballam, J. 8-82247
- Lewis, R.A.** *see* Whitmore, J. 8-74289
- Lewis, R.E.**, Riddle, A.M. The influence of wind and freshwater flow on the development of a reliable estuary pollution model 8-81207
- Lewis, R.N.** Phase measurement and control of pulsed charged beams 8-58523
- Lewis, R.R.** *see* Cohen, M. 8-96520
- Lewis, R.W.** *see* Morgan, K. 8-75030
- Lewis, S.M.** Emptying patterns of the lung studied by multiple-breath N₂ washout 8-92666
- Lewis, S.M.**, Evans, J.W., Jalowayski, A.A. Continuous distributions of specific ventilation recovered from inert gas washout 8-92665
- Lewis, V.E.**, Hunt, J.B. Fast neutron sensitivities of Geiger-Mueller counter gamma dosimeters 8-92705
- Lewis, W.F.** On the indexing of a selected area diffraction pattern 8-54132
- Lewis, W.F.** The nucleation of magnetic domains during the HCP to FCC phase transition in cobalt 8-64218
- Lewitt, R.M.** *see* Bates, R.H.T. 8-87022
- Lewittes, M.E.**, Davis, C.C., McFarlane, R.A. Vibrational deactivation of CO($\nu=1$) by oxygen atoms 8-94305
- Lex, P.** *see* Reidenbach, H.-D. 8-80945
- Lexa, D.**, Saveant, J.M. Electrochemistry of vitamin B₁₂. III. One-electron intermediates in the reduction of methylcobalamin and methylcobinamide 8-85286
- Ley, B.E.**, Peltier, W.R. Wave generation and frontal collapse 8-77300
- Leybo, A.B.** Electrokinetic phenomena associated with sea waves 8-69351
- Leycuras, C.**, Rudachevskii, E.G., Le Gall, H., Merkoulov, V.S. Rotation and deformation of the optical indicatrix of hematite during the magnetic field-induced phase transition 8-68482
- Leydecker, G.** *see* Schmedes, E. 8-65203
- Leyland, P.**, Roberts, J.E. The cohomology of net over Minkowski space 8-93561
- Leyris, J.P.** *see* Masse, G. 8-68567
- Lezhenin, F.F.**, Shurgay, P.I., Kostornov, A.G., Shevchuk, M.S. Effective thermal conductivity in the 373 to 1400K temperature range 8-75053
- Lezina, V.P.** *see* Shimanovskii, N.L. 8-76980
- Lezne, A.N.**, Savel'ev, M.V. Projection operators for semisimple Lie groups 8-69963
- Lezniak, J.A.**, Webber, W.R. The charge composition and energy spectra of cosmic-ray nuclei from 3000 MeV per nucleon to 50 GeV per nucleon 8-93059
- Leznov, A.N.**, Saveliev, M.V. Cylindrical configuration of classical Yang-Mills fields and its symmetrical properties 8-62309
- Lezoch, P.** *see* Bienlein, J.K. 8-93894
- L'Haridon, H.** *see* Favennec, P.N. 8-55884
- L'Haridon, H.** *see* Rao, E.V.K. 8-75680
- L'Haridon, P.** *see* Bois, C. 8-59788
- L'Helgoualch, H.** *see* Fonteneau, G. 8-83799
- Lhermitte, C.** *see* Carles, D. 8-87994
- Lhersonneau, G.** *see* Dumont, G. 8-70682
- Lhersonneau, G.** *see* Huyse, M. 8-93976
- Lhoste, J.M.** *see* Mispelter, J. 8-78719
- L'Huillier, M.**, Redish, E.F., Tandy, P.C. The structure of the many-body wavefunction for scattering 8-62119
- L'Huillier, M.** *see* Benoist-Gueault, P. 8-78330
- Li, C.C.**, Savol, A.M., Fong, C.P. An improved algorithm for the detection of small, rounded pneumoconiosis opacities in chest X-rays 8-73242
- Li, C.H.**, Lubinsky, A.R., Tong, S.Y. Multiple-scattering approach to angle-resolved photoemission 8-72693
- Li, C.H.**, Yong, S.Y. Chemisorption site determination by angle-resolved ultraviolet photoemission spectroscopy 8-71970
- Li, D.J.** *see* Nai Kuang Liang 8-81217
- Li, F.** *see* Cominsky, L. 8-61939
- Li, F.** *see* Rappaport, S. 8-93470
- Li, F.K.** *see* Abramenko, A.N. 8-77622
- Li, F.K.** *see* Grindlay, J.E. 8-81708
- Li, G.C.** *see* Pistenma, D.A. 8-73220
- Li, H.M.**, Magill, J.H. Mechanical properties of polysiloxanes. I. Poly(tetramethyl-p-silphenylene siloxane) homopolymer and tetramethyl-p-silphenylene siloxane/dimethyl siloxane block copolymers 8-84885
- Li, H.W.** *see* Abdel-Khalik, S.I. 8-90634
- Li, K.C.** *see* Stwalley, W.C. 8-90314
- Li, N.N.** Facilitated transport through liquid membranes—an extended abstract 8-76920
- Li, P.W.**, Plovnick, R.H. Epitaxial growth of CdS on CuInSe₂ 8-92193
- Li, V.V.**, Faiziev, Sh.A., Gaziev, U.Kh., Trukhov, V.S. Thin-film black-and-white coatings for solar energy collectors 8-94422
- Li, Y.**, Chung, D.Y. The anisotropic behaviour of Poisson's ratio, Young's modulus and shear modulus in crystals with different symmetries 8-51604
- Li, Y.S.**, Cox, A.W., Jr., Durig, J.R. Microwave spectrum of tertiary-butylphosphine 8-58675
- Li, Y.S.** *see* Durig, J.R. 8-58674
- Li, Y.S.** *see* Groner, P. 8-86848
- Li, Y.S.** *see* Odum, J.D. 8-90155
- Li Che-Yu** *see* Che-Yu Li
- Li Chiu-ping** *see* Ho Hsin-lai 8-84811
- Li Chun-Yu** Study of earthquake prediction on the basis of geotectonics 8-61335
- Li Fu-Li** Dynamics of the fast Q-switched four-level laser 8-66832
- Li Guang-Lie**, Shen Jian-Ping, Zhang Zong-Ye Some properties of the hypernuclear excited states in ¹p shell 8-82306
- Li Hua-mei**, Wang Jun-da A preliminary study of the natural remanent magnetisation of the Kirin meteorite and the magnetic field intensity in the early interplanetary space 8-89136
- Li Huang Heui** *see* Heui Li Huang
- Li Huang Huei** *see* Huei Li Huang
- Li Ji-liang**, Pei Jing-xian, Wang Zai-zhong, Lu Yan-chou The thermoluminescence of quartz silts from loess and dating of the loessial layers 8-57226
- Li Juen-ching** *see* Chang Jing-ye 8-78247
- Li Jun Wang** *see* Wang Li Jun
- Li Kuang-Pang** *see* Kuang-Pang Li
- Li Ling-Fong** *see* Ling-Fong Li
- Li Mai-Tsun** The nonlinear process of the formation of the squall line in the atmosphere 8-81323
- Li Pei-Zi** *see* Ma Da-You 8-67235
- Li Po-tsang** The general treatment of diffraction geometry of amplitude-modulated structure 8-87589
- Li Run-Jian** *see* Lu Zao-Xun 8-61332
- Li Ti-Pei** Confidence density method for parameter estimation 8-81811
- Li Tie-Cheng**, Xu Zheng-Yi Quasi-elastic scattering of light, neutrons and electrons for an ionic conductor governed by the Debye-Huckel equation 8-68521
- Li Tie-Cheng**, Yu Luh A statistical theory of relaxation current and low-frequency dielectric dispersion of crystals with ionic conduction and the interpretation of related phenomena of α -Li₂O₃ 8-60391
- Li Tie-Zhong** New particles Y near 9.5 GeV and SU(5) extension of the straton model 8-82168
- Li Vigni, M.** *see* Ciccarello, I. 8-80197
- Li Visser, S.** *see* Jansen, B.H. 8-80989
- Li Wai-kee** *see* Wai-kee Li
- Li Wei-Bao** *see* Ding You-Ji 8-69761
- Li Wen-Xiang** *see* Chen Pei-Shan 8-61358
- Li Xiao-Cong** *see* Fu Qi-Jun 8-69763
- Li Xiao-Yuan** *see* Wu Dan-Di 8-78132
- Li Xiao-Yuan** *see* Wu Jing-Yuan 8-82192
- Li-Chi Tai** *see* Tai Li-Chi
- Li-chung Ming**, Manghnani, M.R. High pressure phase transformation in FeF₂ (rutile) 8-79761
- Li-juen Tao** *see* Tao Li-juen
- Li-keng Luo** *see* Luo Li-keng
- Li-Ming Yang** *see* Yang Li-Ming
- Li-Ting Chen** Heat transfer to pool-boiling Freon from inclined heating plate 8-51046
- Li-Ting Chen** Investigation of velocity field in an axially symmetrical air jet at zero entrainment condition 8-51213
- Li-zhi Fang** *see* Fang Li-zhi
- Lian Chen** *see* Chen Lian
- Lian-Chih Wang** *see* Wang Lian-Chih
- Lian-fu Luo** *see* Luo Lian-fu
- Liang, A.C.** A technique for infrared background suppression 8-77985
- Liang, D.** *see* Becker, H.A. 8-85163
- Liang, N.T.** *see* Kung-Yng Liao 8-59229
- Liang, N.T.** *see* Nai Kuang Liang 8-81217
- Liang, W.W.**, Elliott, J.F. The standard free energy of formation of liquid Na₂SO₄ 1160°-1220°K 8-56911
- Liang Jing-Kui**, Yi Sun-Sheng An X-ray double-crystal spectrometric investigation of the behaviour of α -Li₂O₃ single crystals under the action of electrostatic field 8-67666
- Liang Jing-Kui** *see* Yi Sun-Sheng 8-83787
- Liang Nai Kuang** *see* Nai Kuang Liang
- Liang Zhen-Ya** *see* Fan Tian-You 8-83325
- Liao, K.H.**, Gupta, R. I₂ vapour cell as narrow band optical filter 8-74993
- Liao, P.F.**, Bjorkholm, J.E., Gordon, J.P. Two-photon optical free-induction decay in atomic sodium vapor 8-90138
- Liao, P.F.**, Bloom, D.M. Continuous-wave backward-wave generation by degenerate four-wave mixing in ruby 8-71147
- Liao, P.F.**, Bloom, D.M., Economou, N.P. CW optical wave-front conjugation by saturated absorption in atomic sodium vapor 8-71154
- Liao, P.F.** *see* Bjorklund, G.C. 8-87104
- Liao, P.F.** *see* Bloom, D.M. 8-55413
- Liao, S.**, Sachse, W. Experimental measurements of acoustic scattering by rows of cylindrical obstacles 8-87182
- Liao, T.T.**, Reese, P.F. Student investigations in solar heating systems 8-81763
- Liao, Y.** *see* Kwok, S.K. 8-75811
- Liao Kung-Yng** *see* Kung-Yng Liao
- Liao-fu Luo** *see* Luo Liao-fu
- Liard, M.** *see* Guntherodt, H.-J. 8-95280
- Liassides, C.** *see* Fincham, W. 8-65073
- Liau, Z.L.**, Sheng, T.T. Argon bubble formation in the sputtering of PtSi 8-64435
- Liau-fu Luo** *see* Luo Liao-fu
- Liaud, P.** *see* Cavaignac, J.F. 8-62527
- Liaw, J.H.W.** *see* Glass, H.L. 8-68640, 8-76613
- Libai, A.**, Durban, D. Buckling of cylindrical shells subjected to nonuniform axial loads 8-63345
- Libai, A.** *see* Ramaiah, G.K. 8-83302
- Libby, L.M.** Correlation of historic climate with historic prices and wages 8-81346
- Libby, P.A.** Interaction of a rough subliming surface and a laminar boundary layer 8-51148
- Libby, P.A.** *see* Kasoy, D.R. 8-94635
- Libby, P.A.** *see* LaRue, J.C. 8-67200
- Libchaber, A.** *see* Castaing, B. 8-75898
- Libchaber, A.** *see* Thome, H. 8-60253
- Libelo, L.F.**, Kligman, R.L., Tanaka, T. Cluster variation theory of the paramagnetic anisotropy in MnF₂ susceptibilities 8-52200
- Libenson, B.N.**, Rumyantsev, V.V. Excitation of bulk plasmons due to the scattering of electrons from single crystals 8-87933
- Libenson, M.N.**, Pudkov, S.D. Effect of surface roughness on the absorptivity of a metal 8-80314
- Libenson, M.N.** *see* Aleshin, I.V. 8-80438
- Libenson, M.N.** *see* Gagarin, A.P. 8-52596
- Libera, L.** *see* Baldauf, L. 8-64521
- Liberati, G.** *see* Mando, P.A. 8-74328, 8-82308
- Liberis, Yu.** *see* Prikhod'ko, A. 8-84288
- Liberman, A.B.** *see* Bashkurov, Sh.Sh. 8-60367
- Liberman, A.D.** *see* Beron, B.L. 8-74194
- Liberman, I.** *see* Bauman, M.D. 8-59075
- Liberman, I.** *see* Parker, J.V. 8-59071
- Liberman, M.A.**, Velikovich, A.L. On possible structures of transverse ionizing shock waves 8-75343
- Liberman, M.A.** *see* Velikovich, A.L. 8-55741, 8-59597
- Liberman, M.C.** Auditory-nerve response from cats raised in a low-noise chamber 8-53420

- Lieberman, S.**, Pinard, J., Hong Tuan Duong, Juncar, P., Vialle, J.-L., Jacquinet, P., Huber, G., Touchard, F., Buttgenbach, S., Pesnelle, A., Thibault, C., Klapisch, R. First evidence of an optical transition in francium atoms 8-86829
- Lieberman, S.** see Huber, G. 8-78826
- Lieberman, Ye.A.** Membrane potential difference of subcellular particles. III. Proton channels in oxidative photophosphorylation 8-64964
- Lieberman, Ye.A.** Bioenergetics and proton-electron systems of membranes 8-96030
- Lieberman, Ye.A.**, Vladimirova, M.A., Tsofina, L.M. Membrane potential difference of subcellular particles. IV. Study of the respiratory chain in a portion from FAD to cytochrome c by the method of penetrating ions 8-64951
- Lieberman, Ye.A.**, Vladimirova, M.A., Tsofina, L.M. Potential difference at the membrane of the subcellular particles. V. Generation of potential difference by mitochondria and sub-mitochondrial particles in anaerobic conditions 8-69015
- Lieberman, Z.A.** see Loskutov, V.V. 8-79548
- Libert, J.** Counting statistics with uniform dead time distribution 8-58560
- Liberti, A.**, Brocco, D., Possanzini, M. Adsorption and oxidation of sulfur dioxide on particles 8-96287
- Libinon, M.M.** see Gorchakova, L.A. 8-68828
- Liblik, P.Kh.** see Lushchik, Ch.B. 8-72574
- Liboff, A.R.** see Chopp, M. 8-54107
- Liboff, R.L.** Preliminary study of high neutron flux fusion heating 8-89975
- Libove, J.** see Singer, J.R. 8-85330
- Libovicky, S.**, Gemperle, A. Etching of slip produced antiphase domain boundaries in iron-silicon alloys 8-63769
- Librovich, V.B.** see Dudkin, V.A. 8-55348
- Liburdy, J.A.**, Faeth, G.M. Heat transfer and mean structure of a turbulent thermal plume along a vertical isothermal wall 8-90880
- Licci, F.** see Asti, G. 8-95472
- Licciardello, D.C.** Is 30000 ohms the maximum two-dimensional resistance? 8-95335
- Licciardello, D.C.** see Fisch, R. 8-91606
- Licciardello, D.C.** see Fleishman, L. 8-56086
- Lichanot, A.** see Bonnacaze, G. 8-84237
- Richard, P.** see Cerny, V. 8-74222
- Lichardus, S.** Modelling of visco-elastic properties of some composite materials 8-75082
- Licheri, G.** see Caminiti, R. 8-78772
- Lichnerowicz, A.** Construction of twisted products for contangent bundles of classical groups and Stiefel manifolds 8-49680
- Licht, T.R.** see Christoffersen, B.K. 8-59239
- Lichte, H.** see Mollenstedt, G. 8-89591, 8-90351
- Lichten, W.**, Wik, T. Fine structure of the metastable $2s^2_1$ state of the helium molecule. Further results 8-78720
- Lichten, W.** see Wik, T. 8-50487
- Lichtenberg, D.B.**, Wills, J.G. Maximizing the range of the shot put 8-61985
- Lichtenberg, W.** see Schmidt-Bocking, H. 8-90188
- Lichtenstadt, J.**, Heisenberg, J., Papanicolas, C.N., Sargent, C.P., Courtemanche, A.N., McCarthy, J.S. Observation of 12^- magnetic spin states in ^{208}Pb 8-50155
- Lichtenstadt, J.** see Papanicolas, C.N. 8-78366
- Lichtensteiger, M.** see Kim, K.M. 8-52659
- Lichtenstein, B.R.** see Weiss, H. 8-89030
- Lichtenthaler, R.N.** see Meixner, D. 8-51654
- Lichti, G.** see Haas, E.W. 8-83837
- Lichti, G.G.**, Bignami, G.F., Paul, J.A. The gamma-ray luminosity of spiral galaxies. Its evolution and its contribution to the diffuse background above 100 MeV 8-93481
- Lichti, G.G.** see Bignami, G.F. 8-86007
- Lichti, G.G.** see Bucheri, R. 8-85966
- Lichtlen, P.R.** see Hood, W.P., Jr. 8-80963
- Lichtman, D.** see Drinkwine, M.J. 8-51818
- Lichtman, D.** see Hock, J.L. 8-91549
- Licki, J.** see Kruszewska, B. 8-67332
- Lickteig, K.** Current and voltage amplifiers in correlation analysis of temperature signals with coinciding electro-magnetic disturbances 8-86267
- Liddell, N.A.**, Phakey, P.P. Transmission electron microscope study of petcolite 8-75677
- Lidekis, T.P.** see Imenkov, A.N. 8-52582
- Lider, K.F.** see Kreingold, F.I. 8-67955
- Lidiard, A.B.** The radiolysis of the alkali halides 8-92493
- Lidofsky, L.J.** see Hebel, L.C. 8-54863
- Lidorenko, N.S.**, Zhukov, K.V., Nabiullin, F.Kh., Tver'yanovich, E.V. Prospect for using Fresnel lenses for the concentrating systems of solar installations 8-83065
- Lidow, A.**, Gibbons, J.F., Deline, V.R., Evans, C.A., Jr. Solid solubility of selenium in GaAs as measured by secondary ion mass spectrometry 8-67830
- Lidsky, L.M.** see Cook, D.L. 8-74475
- Lidsky, L.M.** see Woot, J.T. 8-54994
- Lidwell, M.O.** Production tests for infrared lenses 8-50890
- Lie, G.C.** Comments on 'Translational symmetry of space and the second law of motion' 8-54129
- Lie, I.** Relation of visual acuity to illumination, contrast, and distance in the partially sighted 8-53398
- Lie, J.T.** see Tacker, W.A., Jr. 8-57052
- Lie, S.G.**, Carbotte, J.P. Dependence of T_c on electronic density of states 8-76186
- Lie, S.G.** see Vallieres, M. 8-90059
- Lie, S.K.**, Esquivel, D.M.S., Guenzburger, D. On the effect of the local exchange in calculations of the hyperfine interaction parameters $\rho(0)$ and $\langle r^{-3} \rangle$ 8-78622
- Lie, S.K.**, Guenzburger, D., Danon, J. Electron densities and isomer shifts of ^{99}Ru complexes 8-50470
- Lie, Y.T.** see Bogen, P. 8-54341
- Lieb, B.J.** see Funsten, H.O. 8-89912
- Lieb, B.J.** see Lind, V.G. 8-89913
- Lieb, E.H.** Existence and uniqueness of the minimising solution of Choquard's nonlinear equation 8-67315
- Lieb, E.H.** Proof of an entropy conjecture of Wehrl 8-89418
- Lieb, E.H.**, de Hano, M. Solitons and the delta function fermion gas in Hartree-Fock theory 8-49755
- Lieb, E.H.**, Simon, B. Monotonicity of the electronic contribution to the Born-Oppenheimer energy 8-90052
- Lieb, E.H.** see Aizenman, M. 8-70010
- Lieb, E.H.** see Dyson, F.J. 8-84434
- Lieb, E.H.** see Frohlich, J. 8-73930, 8-89398
- Lieb, J.P.** see Babb, T.L. 8-77163
- Lieb, K.P.**, Nathan, A.M., Olness, J.W. Deorientation of highly stripped Ca and K ions recoiling in vacuo 8-50119
- Lieb, K.P.** see Brandolini, F. 8-68420
- Lieb, K.P.** see Hellmeister, H.P. 8-74387, 8-78311
- Lieb, W.R.** see Franks, N.P. 8-77008
- Liebe, H.J.**, Gimmetad, G.G. Calculation of clear air EHF refractivity 8-57266
- Liebenberg, D.H.**, Mills, R.L., Bronson, J.C., Schmidt, L.C. High-pressure gases in diamond cells 8-74017
- Liebenberg, D.H.** see Mills, R.L. 8-63837
- Lieber, A.** Application of the planar X-ray and visible streak tube to laser fusion 8-59686
- Lieber, A.E.** see Brecher, K. 8-62028
- Lieber, A.J.**, Sutphin, H.D., Hyer, R.C., McGurn, J.S., Winn, K.R. Subpicosecond proximity-focused visible streak camera evaluation and application [laser diagnostic] 8-59155
- Lieber, E.** see Brecher, K. 8-62028
- Lieber, M.** see Chan, F.T. 8-74613
- Lieberman, B.** see Bunnell, K. 8-74258
- Lieberman, B.** see del Papa, C. 8-74264
- Lieberman, J.** see Adler, S.L. 8-86200
- Lieberman, M.A.** see Yang, S.T. 8-67393
- Liebermann, H.H.** see Luborsky, F.E. 8-83736
- Lieberstein, M.** A comparison of the particulate matter catch from EPA and modified ASME-ASTM sampling trains 8-73547
- Liebert, J.**, Stockman, H.S., Angel, J.R.P. Null circular polarization measurements for the controversial white dwarf LDS 678B (EG 131) 8-96478
- Liebert, J.** see Weistrop, D. 8-85942
- Lieberts, J.** see Huber, G. 8-52556
- Liebes, S.**, Jr., Schwartz, A.A. Mars Viking 1975 Lander interactive computerized video stereophotogrammetry 8-81557
- Liebhart, J.** Visodata 78 in Munich: communication systems in education 8-69954
- Lieblich, I.**, Amari, S. An extended first approximation model for the amygdaloid kindling phenomenon 8-53378
- Liebman, J.F.** see Gimarc, B. 8-82647
- Liebman, M.E.** Principle of complete inspection 8-88598
- Liebman, P.A.** see Kaplan, M.W. 8-77048
- Liebowitz, D.**, Shevchik, N.J. Free-electron final-state model and angle-resolved photoemission from a Ag(111) surface 8-72694
- Liebowitz, H.**, Eftis, J., Jones, D.L. Some recent theoretical and experimental developments in fracture mechanics 8-60776
- Liebowitz, H.**, Lee, J.D., Eftis, J. Biaxial load effects in fracture mechanics 8-55594
- Liebowitz, H.** see Jones, D.L. 8-92316
- Liebsch, A.** Electronic structure of $\text{C}(2 \times 2)$ oxygen chemisorbed on Ni (001) 8-56200
- Liebsch, A.** Angle-resolved photoemission from adsorbates 8-95669
- Lieder, R.M.**, Didelez, J.P., Beuscher, H., Haenni, D.R., Muller-Veggian, M., Neskakis, A., Mayer-Borricke, C. Observation of a new isomer in ^{212}Po 8-82283
- Lieder, R.M.**, Neskakis, A., Muller-Veggian, M., Gono, Y., Mayer-Borricke, C., Beshai, S., Fransson, K., Linden, C.G., Lindblad, Th. Rotational bands in $^{195,197}\text{Tl}$ 8-62476
- Lieder, R.M.** see Muller-Veggian, M. 8-82309
- Liege, C.R.M.** see Lambert, N. 8-84876
- Lieke, W.**, Moeser, J.H., Steglich, F. Reverse resistance anomaly in $(\text{La,Gd})\text{Al}_2$ 8-76054
- Lien, J.R.** see Bjerregaard, J.H. 8-74376
- Lien, J.R.** see Ellegaard, C. 8-94005
- Lien, N.** see Brown, F.C. 8-62269
- Lienard, A.**, Rebouillat, J.P. Magnetic properties of amorphous Y-Ni alloys 8-68189
- Lienard, A.** see Cochrane, R.W. 8-88018
- Lienert, W.** see Huttner, W. 8-90212
- Lienhard, J.H.**, Peck, R.E. Conceptual design for spacelab pool boiling experiment 8-63849
- Lienhard, J.H.** see Alamgir, M. 8-91512
- Lienhard, J.H.** see Chen, J.I. 8-59518
- Liepins, R.**, Stannett, V., Walsh, W.K. Radiation processing for flammability resistance 8-95942
- Liepinia, V.P.** see Antimirov, M.Ya. 8-90872
- Liere, J.** Van see Van Liere, J.
- Lieri, H.** see Brandelik, R. 8-62416
- Lierl, H.** see Hansl, T. 8-74244
- Lierly, H.** see Hansl, T. 8-89698
- Lies-Nielsen, I.**, Bjerre, A., Nyeland, C. Diffusion of atoms in diatomic gases in the dominant coupling limit 8-63524
- Liesegang, J.** see Szajman, J. 8-84696
- Liesen, D.**, Macdonald, J.R., Mokler, P., Warczak, A. Mechanisms of K-vacancy production determined from the impact parameter dependence of K X-ray production in 1.4 MeV/amu Kr+Ge collisions 8-58800
- Liesen, D.** see Behncke, H.-H. 8-94316
- Liesen, D.** see Macdonald, J.R. 8-55230
- Lieske, J.H.** Galilean satellites: analysis of photometric eclipses 8-53864
- Lieto, A.** Di see Di Lieto, A.
- Lietti, A.** The influence of additives and contaminants of TEA CO_2 laser discharges evaluated by electrical measurements 8-94388
- Lietzke, A.F.** see Burrell, K. 8-59668
- Lietzke, M.H.** see Eraslan, A.H. 8-96250
- Lieurade, H.P.** see Amzallag, C. 8-68776
- Liewer, P.C.** see Winske, D. 8-67404
- Liff, H.J.** see Balasubramanian, N. 8-63029
- Lifshits, M.G.** see Krasil'shchik, V.Z. 8-54463
- Lifshits, V.A.** see Sasovskaya, I.I. 8-60484
- Lifshits, Yu.B.**, Fonarev, A.S. Effect of stream boundaries on parameters of transonic flows around bodies of rotation 8-87357
- Lifshitz, A.**, Skinner, G.B., Wood, D.R. Improved high-intensity microwave discharge lamp for atomic resonance absorption and fluorescence spectrometry 8-89586
- Lifshitz, I.M.**, Grosberg, A.Yu., Khokhlov, A.R. Some problems of the statistical physics of polymer chains with volume interaction 8-94347
- Lifshitz, M.**, Singer, P. Charged-particle emission following muon capture in complex nuclei 8-70490
- Ligatto de Slobodrian, M.L.**, De Estable-Puig, R.F., Estable-Puig, J.F. Metallic deposition in specimens presenting cavities using the sputter coater 8-77171
- Ligenza, S.** Exchange splitting of ionic S-state in MnFe_2O_4 studied by neutron spectroscopy 8-52240
- Ligeon, E.** see Chami, A.C. 8-67733
- Liggatt, P.A.J.**, Macfarlane, A.J. Phase factors and point splitting for non-Abelian gauge theories 8-49959
- Liggett, J.A.** see Liu, P. L.-F. 8-77291
- Light, G.C.** The effect of vibrational excitation on the reaction of $\text{O}^+(^4\text{P})$ with H_2 and the distribution of vibrational energy in the product OH 8-60998
- Lightbody, J.W., Jr.** see Szalata, Z.M. 8-50144
- Lightfoot, N.**, Wooding, E.R. Computer model of an inductively coupled radio frequency plasma torch 8-71559
- Lightholder, P.A.** see Phillips, L.J. 8-81061
- Lightman, A.J.**, Fisher, E.R. CO vibrational distributions to high levels in low-pressure CO/He mixtures 8-58985
- Lightman, A.J.**, Mathur, B.P. Calculated transitions in Li isotopes at argon laser frequencies 8-90180
- Lightman, A.J.** see Fisher, E.R. 8-50757
- Lightman, A.J.** see Mathur, B.P. 8-70950
- Lightman, A.P.**, Giacconi, R., Tananbaum, H. X-ray flares in NGC 4151: a thermal model and constraints on a central black hole 8-93407
- Lightman, A.P.**, Shapiro, S.L. The dynamical evolution of globular clusters 8-77585
- Lightman, A.P.** see Eardley, D.M. 8-77618, 8-93296
- Lightowers, E.C.**, Penchina, C.M. Fine structure in the cathodoluminescence spectrum from chromium-doped gallium arsenide 8-56524
- Lightowers, E.C.** see Henry, M.O. 8-72609
- Ligier, G.** see Berger, X. 8-92773
- Lignou, F.**, Payen de la Garanderie, H., Nikolic, K., Buric, I. Verification of the laws of luminescence of solids for manganese complexes of benzyl-trimethylammonium and 2-chloropyridinium 8-60506
- Ligny, C.L.** De see De Ligny, C.L.
- Ligon, W.V., Jr.** Poly(perfluoropropylene oxide) as a reference standard for mass measurement to mass 2000 8-89582
- Lighthart, F.A.S.** see Vriens, L. 8-75445

- Ligtvoet, C.M.**, Ridder, J., Hagemeijer, F., Wladimiroff, J.W. A dynamically focused ultrasound system 8-61232
- Likar, A.** Sensitivity of angular distributions on γ -rays on parameters of the DSD capture model 8-89861
- Likar, A.**, Lindholm, A., Nilsson, L., Bergqvist, I., Palsson, B. Angular distributions of γ -rays from fast neutron capture in strontium and yttrium 8-54758
- Likar, A.**, Sever, F., Martincic, R. Fast proton capture in ^{208}Pb according to direct-semidirect model 8-94004
- Likar, A.** see Cvelbar, F. 8-74354
- Likeness, B.K.** Stray light simulation with advanced Monte Carlo techniques 8-58906
- Likeness, B.K.** see Steadman, S.S. 8-58907
- Likens, G.E.** see Galloway, J.N. 8-57368
- Likhachev, A.P.** Supersonic flow in a MHD generator with inclined input stream 8-94837
- Likhachev, V.A.** see Myshlyaev, M.M. 8-52934
- Likhachev, V.P.** see Nemashkalo, A.A. 8-58264, 8-78349
- Likhachov, M.F.** see Gentchev, V.I. 8-78174
- Likharev, K.K.**, Kuz'min, L.S. The properties of a quasi-autonomous Josephson contact 8-88084
- Likharev, K.K.** see Beloded, V.V. 8-95782
- Likharev, K.K.** see Zorin, A.B. 8-88080
- Likhatchev, V.A.** see Kuz'min, S.L. 8-75834
- Likherzak, E.E.** see Kopelev, S.Z. 8-71319
- Likholet, A.N.** see Synorov, V.F. 8-95381
- Likholet, A.N.** see Sysoev, B.I. 8-95384
- Likhtenshtein, G.I.** see Shimanovskii, N.L. 8-76980
- Likhter, V.A.**, Shul'gin, V.I. The effect of the position of the plasma boundary in the neutralization region of an ion beam on its deviation 8-59613
- Likhter, Ya.I.** see Kovner, M.S. 8-69564
- Likhtorovich, S.P.** see Dekhtyar, I.Ya. 8-76549
- Likhtitsinder, M.Ya.**, Garber, L.G., Arslanov, R.A. Design of instrument servomechanism taking into account five nonlinearities in exponential-frequency characteristics on basis of generalised linearisation 8-70156
- Lilaonitkul, A.**, West, J.C., Cooper, S.L. Properties of poly(tetramethylene oxide)-poly(tetramethylene terephthalate) block polymers 8-51438
- Lile, D.L.**, Collins, D.A. Carrier profiling of InP 8-76087
- Liljestrand, R.** see Hoffmann, G.W. 8-62674
- Lilja, H.** see Lindman, B. 8-64287
- Liljavirta, H.**, Tuurnala, T. Cross sections of Er isotopes for neutron induced reactions at 14.8 MeV 8-82350
- Liljequist, D.**, Ekdahl, T., Baverstam, U. Analysis of the electron transport in conversion electron Mossbauer spectroscopy (CEMS) 8-94159
- Liljequist, D.** see Baverstam, U. 8-88238
- Liljestrand, L.-G.**, Aucouturier, M., Ostberg, G., Lindhagen, P. Formation of microcracks during stress-relief annealing of a weldment in pressure vessel steel of type A508 C1 2 8-80629
- Liljestrand, R.L.** see Fong, J. 8-94008
- Liljestrand, R.P.** see Hoffmann, G.W. 8-70526
- Liljestrand, R.P.** see Ray, L. 8-74367
- Lilberg, J.W.** see Conrad, R. 8-62621
- Liller, M.H.**, Carney, B.W. A photometric study of the X-ray globular cluster NGC 6624 8-93337
- Liller, M.H.** see Wehlau, A. 8-73714
- Liller, W.** see Bond, H.E. 8-93304
- Liller, W.** see Canizares, C.R. 8-93335
- Liller, W.** see Cheng-Yuan Shao 8-93219
- Liller, W.** see Feigelson, E. 8-53952
- Liller, W.** see Gottlieb, E.W. 8-54072
- Lillethun, E.** see Alblow, M.G. 8-58214
- Lilley, F.E.M.**, Woods, D.V. Magnetic observations at the time of the 23 October 1976 solar eclipse in Australia 8-81498
- Lilley, J.S.** see Franey, M.A. 8-89900
- Lilley, T.H.** see Bahia, A.M. 8-92509
- Lilley, T.H.** see Wood, R.H. 8-76901
- Lillie, C.F.** see Witt, A.N. 8-65668
- Lilliequist, C.G.** see Hollweg, J.V. 8-77450
- Lillo, S.** De see De Lillo, S.
- Lilly, D.K.** A severe downslope windstorm and aircraft turbulence event induced by a mountain wave 8-73431
- Lilly, D.K.** see Klemp, J.B. 8-73432
- Lilov, P.** see Amov, B.G. 8-81115
- Lilwall, R.C.**, Francis, T.J.G. Hypocentral resolution of small ocean bottom seismic networks 8-85713
- Lilwall, R.C.**, Francis, T.J.G., Porter, I.T. Ocean-bottom seismograph observations on the Mid-Atlantic Ridge near 45°N—further results 8-96157
- Lilzestrand, R.P.** see Hoffman, G.W. 8-54760
- Lim, C.C.** see Chen, H.H. 8-91435
- Lim, C.S.**, Leslie, J.D. Observation of crystal field structure in the conductance of Al-Al oxide-Bi_{1-x}Pr_x tunnel junctions 8-84358
- Lim, E.C.** see Gillispie, G.D. 8-66586
- Lim, E.C.** see Okajima, S. 8-94272
- Lim, E.C.** see Subudhi, P.C. 8-62816, 8-86904
- Lim, E.C.** see Wassam, W.A., Jr. 8-58736, 8-74691, 8-94274
- Lim, K.K.** see Wong, C.M. 8-73440
- Lim, P.K.**, Brodie, D.E. Thermoelectric power measurements in a-ZnSe 8-52021
- Lim, S.C.** Euclidean massive spin-3 field which is Markovian 8-86414
- Lim, T.C.** see Neurgaonkar, R.R. 8-80298
- Lim, T.C.** see Staples, E.J. 8-59255
- Lim, T.K.**, Giannini, J. Separable-expansion method for potential scattering and the off-shell T matrix 8-93564
- Lim, T.K.**, Lit, J.W.Y. A general approach for the analysis of optical waveguides 8-74991
- Lim, T.K.** see Nakaichi, S. 8-94349
- Lim Chee-Seng** A radiation-conditioned Gaussian induced MGD cone field 8-67283
- Lim Chung** see Chung Lim
- Lim Joo Tick** see Hu Hing Chong 8-81300
- Lim Khooon-Cheng** see Khooon-Cheng Lim
- Lim Lee Hong** see Hong Lim Lee
- Lima, A.** de see de Lima, A.
- Lima, C.A.S.** de see Cancella, L.S.G. 8-59932
- Lima, C.J.** De see De Lima, C.J.
- Lima, E.** de see de Lima, E.
- Lima, F.W.** see Vasconcellos, M.B.A. 8-92573
- Lima, I.C.** Cunha see Cunha Lima, I.C.
- Lima, O.F.** de see de Lima, O.F.
- Limb, J.O.** see Roos, C.E. 8-82580
- Limbach, H.J.** see Grehn, M. 8-77173
- Limbeck, J.W.**, Lucas, J. Computation and measurement of the fluorescent infrared radiation from glow discharges in CO₂-N₂-He gas mixtures 8-94386
- Limbeck, J.W.**, Lucas, J. Time-of-flight measurements of electron transport parameters in CO₂-H₂-He gas mixtures [for H₂ read N₂] 8-94387
- Limberova, V.V.** see Kovalevskaya, T.I. 8-63918
- Limberg, F.G.** see Ferguson, J.L. 8-86095
- Liminga, R.**, Booles, S.R., Ghose, S., Che'ng Wan The crystal structure and magnetic behavior of γ -Cu(IO₃)₂ 8-79571
- Limmer, S.** see Braun, P. 8-59736
- Limon, P.** see Edwards, D., Jr. 8-77925
- Limousin, Y.** see Boyer, D. 8-75885
- Limouzi, J.** see Perchard, J.P. 8-64357
- Limpisvasti, S.** see Morino, S. 8-75083
- Limpouch, J.** see Dragila, R. 8-67381
- Lin, A.T.** Nonlinear evolution of drift Alfvén and double tearing instabilities 8-67348
- Lin, A.T.**, Dawson, J.M., Okuda, H. Thermal magnetic fluctuations and anomalous electron diffusion 8-83531
- Lin, C.A.** The effect of nonlinear diffusive heat transport in a simple climate model 8-81349
- Lin, C.C.**, Yuan, C., Roberts, W.W., Jr. On the stellar streaming motions and the observational determination of the structural constants of the Galaxy 8-96528
- Lin, C.C.** see Bertin, G. 8-54053
- Lin, C.C.** see Chung, S. 8-74778
- Lin, C.C.** see Mednick, K. 8-88010
- Lin, C.D.** Quasi-molecular binding corrections to the two-state atomic expansion method for electron capture at low energies 8-90287
- Lin, C.D.**, Soong, S.C. Differential cross sections for electron capture in fast proton-multielectron-atom collisions 8-94318
- Lin, C.D.**, Soong, S.C., Tunnell, L.N. Two-state atomic expansion methods for electron capture from multielectron atoms by fast protons 8-62912
- Lin, C.-H.**, Marshall, B.R., Nelson, M.A., Theobald, J.K. Backward stimulated Raman scattering in multimode fiber 8-87128
- Lin, C.J.** see Chu, T.L. 8-56220
- Lin, C.L.**, Gutman, W.M., Shaw, J.H., Uselman, W.M., Calvert, J.G. Analyzing spectral data: use of a graphics display terminal 8-54473
- Lin, C.S.** Molecular basis sets for atom-molecule collisions 8-78783
- Lin, C.S.**, Parks, G.K. The coupling of Alfvén and compressional waves 8-89001
- Lin, C.S.** see Anderson, K.A. 8-85799
- Lin, C.S.** see Kaye, S.M. 8-89003
- Lin, C.-S.** see Jackson, W.M. 8-50602
- Lin, C.T.**, Atvars, T.D.Z. The role of a catalyst in the isotopically excited laser photochemistry 8-64882
- Lin, C.T.**, Atvars, T.D.Z. A low cost and high efficiency helium recycling system for CO₂ laser 8-82974
- Lin, D.L.** Velocity and length forms of oscillator strengths and unitary transformations of quantum electrodynamics 8-74615
- Lin, D.L.** see Lee, Y.C. 8-52046
- Lin, D.N.C.** see Fabian, A.C. 8-93317
- Lin, E.K.** see Liu, Y.C. 8-93939
- Lin, F.** see Yang, W.J. 8-76677
- Lin, F.N.** Thermal response behavior of boundary-layer flows 8-75136
- Lin, F.N.**, Chao, B.T. Predictive capabilities of series solutions for laminar free convection boundary layer heat transfer 8-71335
- Lin, H.S.**, Liu, Y.K., Ray, G., Nikraves, P. Systems identification for material properties of the intervertebral joint 8-69125
- Lin, I.-H.** see Korrington, J. 8-61979
- Lin, I.J.** see Benguigui, L. 8-64892
- Lin, I.J.** see Zimmels, Y. 8-74812
- Lin, J.C.**, Yu, F.T.S., Tai, A.M. Ultrasonic blood flow spectral analysis using coherent optics 8-53459
- Lin, J.W.** see Lee, T.C. 8-71175
- Lin, K.Y.** Remarks on the 20-vertex model 8-70065
- Lin, L.** The high-spin anomaly in rotational nuclear states 8-93934
- Lin, L.**, Huang, J.C. Charge distribution in heavy ion-reactions 8-74304
- Lin, M.** Ergodic properties of an operator obtained from a continuous representation 8-89305
- Lin, M.C.** see Butler, J.E. 8-95912
- Lin, M.C.** see Hsu, D.S.Y. 8-64814, 8-68882
- Lin, M.I.** see Chung, C.I. 8-75113
- Lin, P.-S.**, Kwock, L., Hefter, K., Wallach, D.F.H. Modification of rat thymocyte membrane properties by hyperthermia and ionizing radiation 8-69017
- Lin, R.C.** see Tabarrok, B. 8-75144
- Lin, R.P.** see Anderson, K.A. 8-85786, 8-85799
- Lin, R.P.** see Hudson, H.S. 8-93114
- Lin, S.C.** see Atkins, R.P. 8-63132
- Lin, S.H.** More on rate distributions and extreme value statistics 8-77293
- Lin, S.H.** see Blumen, A. 8-82822
- Lin, S.H.** see Fletcher, D. 8-78740
- Lin, S.H.** see Hays, T.R. 8-95954
- Lin, S.H.** see Knittel, D. 8-91388
- Lin, S.H.** see Ma, S.M. 8-95908
- Lin, S.L.**, Bardsley, J.N. The null-event method in computer simulation 8-90262
- Lin, S.T.**, Ronn, A.M. Laser induced sulfur particulate formation 8-76836
- Lin, S.T.** see Fan, L.T. 8-75060
- Lin, W.C.** see Eagleman, J.R. 8-61504
- Lin, W.S.** see Clement, J.R. 8-53344
- Lin, Y.-H.**, Wang, C.H. Brillouin scattering and segmental motion of a polymeric liquid. I 8-91217
- Lin, Y.S.**, Dove, D.B., Schwarzl, S., Shir, C.C. Charged wall behavior in 1- μm bubble implanted structures 8-91892
- Lin Chnlon** see Chnlon Lin
- Lin Chuan** see Mao Ting-te 8-95703
- Lin Fu-Cheng**, Zhang Shan-Shan, Lin He Laser transition cross sections of YAG:Nd crystals and some new applications in lasers 8-90418
- Lin Fu-Shiong** see Fu-Shiong Lin
- Lin Guang-Hai** The saturation characteristics of electric discharge convection CO₂ laser 8-90408
- Lin Gwo-Chung** see Gwo-Chung Lin
- Lin He** see Lin Fu-Cheng 8-90418
- Lin Hsu Chi** see Hsu Chi Lin
- Lin Jer-San** see Jer-San Lin
- Lin Min-Shyong** see Min-Shyong Lin
- Lin Pai, H.**, Phillips, C.R. Use of thin polycarbonate film for determining fission barriers in the region of Z=82 and N=126 using electron linear accelerators 8-55104
- Lin Peck-Sun** see Peck-Sun Lin
- Lin Pei-Jan Paul** see Pei-Jan Paul Lin
- Lin Shao-Chi** see Shao-Chi Lin
- Lin Sheng-Chi** see Sheng-Chi Lin
- Lin Sheng-kun** see Luo Chi-hsun 8-84825
- Lin Tien-Hui**, Tian You-Cai, Cui Bao-Kun An investigation on the films used as the windows of ultra-soft X-ray counters 8-82083
- Lin Tsang-Lang** see Tsang-Lang Lin
- Lin Tz-Hong** see Tz-Hong Lin
- Lin Wei-Gan** A new method of calculating the free space capacitance of a square cylinder of finite length 8-66705
- Lin-Chung, P.J.** see Caruthers, E. 8-60198
- Lin-Chung, P.J.** see Caruthers, Ed. 8-95343
- Lin-Gun Liu** High-pressure phase transformations of albite, jadeite and nepheline 8-53644
- Lin-Gun Liu** A fluorite isotype of SnO₂ and a new modification of TiO₂: implications for the Earth's lower mantle 8-61371
- Lin-gun Liu**, Bassett, W.A., Sharry, J. New high-pressure modifications of GeO₂ and SiO₂ 8-75825
- Lin-Liu, Y.R.**, Sudip Chakravarty, Chia-Wei Woo Variational calculation for model nuclear matter using a new integral equation method 8-82301
- Lin-Liu, Y.R.** see Kumar, P. 8-59994
- Lin-Liu, Y.R.** see Maki, K. 8-67884
- Linan, A.** see Kassoy, D.R. 8-92483
- Linard, B.J.**, Kennedy, D.L., Morrison, I., Heggie, J.C.P., Bolotin, H.H. Level structure and lifetimes of excited states in ^{48}Ti 8-74326
- Linck, I.** see Degre, A. 8-94019
- Lind, D.A.** see Fielding, H.W. 8-89890
- Lind, D.A.** see Flynn, E.R. 8-62549
- Lind, J.E., Jr.** see Grindley, T. 8-71869
- Lind, J.M.** see Alburger, D.E. 8-66210
- Lind, J.M.** see Balamuth, D.P. 8-50132

- Lind, K.** *see* Pierce, C.W. 8-50364
- Lind, M.A.,** Zalewski, E.F., Fowler, J.B. The NBS detector response transfer and intercomparison package: The instrumentation 8-54461
- Lind, M.D.** Crystal growth from solutions in low gravity 8-84706
- Lind, R.C.** *see* Abrams, R.L. 8-71138
- Lind, R.C.** *see* Stephens, R.R. 8-87078
- Lind, V.G.,** McAdams, R.E., Otteson, O.H., Denig, W.F., Goulding, C.A., Greenfield, M., Plendl, H.S., Lieb, B.J., Stronach, C.E., Gram, P.A.M., Sharma, T. Gamma-ray spectrum in coincidence with scattered pions from 190-MeV π^- reaction on ^{27}Al 8-89913
- Lind, V.G.** *see* Funsten, H.O. 8-89912
- Lindau, I.,** Chye, P.W., Garner, C.M., Pianetta, P., Su, C.Y., Spicer, W.E. New phenomena in Schottky barrier formation on III-V compounds 8-95358
- Lindau, I.,** Winick, H. Synchrotron radiation research: Recent developments 8-78051
- Lindau, I.** *see* Chye, P.W. 8-60203
- Lindau, I.** *see* Garner, C.M. 8-92170
- Lindau, I.** *see* Ling, D.T. 8-71919, 8-71956
- Lindau, I.** *see* Miller, J.N. 8-95682
- Lindau, I.** *see* Pianetta, P. 8-62276
- Lindau, I.** *see* Skeath, P. 8-91514
- Lindau, I.** *see* Spicer, W.E. 8-53254, 8-61130
- Lindau, I.** *see* Stohr, J. 8-62673
- Lindau, L.** On the fracture toughness of WC-Co cemented carbides 8-60806
- Lindberg, G.D.** *see* Smith, T. 8-95207, 8-95243
- Lindberg, J.D.** *see* Gillespie, J.B. 8-57314
- Lindberg, J.J.** *see* Tormala, P. 8-87324
- Lindberg, L.** Plasma flow in a curved magnetic field 8-67329
- Lindberg, L.** A stigmatic spectrograph image intensifier system 8-93767
- Lindberg, R.E., Jr.** *see* Alfriend, K.T. 8-65484
- Lindblad, B.A.** Meteor radar rates, geomagnetic activity and solar wind sector structure 8-65553
- Lindblad, T.** Design and performance of a Ge(Li)-NaI(Tl) Compton-suppression spectrometer system for in-beam experiments 8-78553
- Lindblad, T.** Means and methods of investigating high-spin states in nuclei 8-86722
- Lindblad, T.** *see* Dubbers, F. 8-78312
- Lindblad, T.** *see* Kerek, A. 8-50440
- Lindblad, T.** *see* Roulet, C. 8-62506
- Lindblad, Th.** *see* Lieder, R.M. 8-62476
- Lindblad, Th.** *see* Piiparinen, M. 8-50075
- Lindblad, Th.** *see* Winter, G. 8-62552
- Lindblom, G.** *see* Tiddy, G.J.T. 8-76345
- Lindblom, G.** *see* Wennerstrom, H. 8-79525
- Lindblom, L.** *see* Budic, R. 8-70023
- Lindblom, P.,** Dahlbacka, J. Achromatic imaging of distant objects in selected wavelength bands with plane and concave holographic gratings 8-94372
- Linde, A.D.** Crystallisation of Yang-Mills fields in superdense material 8-54562
- Linde, D.** von der *see* von der Linde, D.
- Linde, J.** Van Der *see* Van Der Linde, J.
- Linde, R.H.** van der *see* van der Linde, R.H.
- Linde, Y.** *see* Collins, L.F. 8-79467
- Linfelfelt, U.** A study of the neutral undistorted vacancy in silicon 8-91638
- Lindegard-Andersen, A.,** Thuesen, G. Transaxial tomography camera with built-in photographic image reconstruction 8-82085
- Lindegard-Andersen, A.** *see* Cotterill, R.M.J. 8-63641
- Lindegren, L.,** Dravins, D. Holography at the telescope—an interferometric method for recording stellar spectra in thick photographic emulsions 8-73651
- Lindemann, B.** *see* Fuchs, W. 8-57142
- Lindemer, T.B.** *see* Besmann, T.M. 8-82440
- Lindemuth, I.R.** Initial numerical studies of the behaviour of Z-pinch plasma under liner implosion conditions 8-67392
- Linden, C.G.** *see* Dubbers, F. 8-78312
- Linden, C.G.** *see* Lieder, R.M. 8-62476
- Linden, L.** *see* Baldacci, A. 8-86862
- Linden, L.** *see* Devi, V.M. 8-58693
- Linden, M.** *see* Skog, G. 8-67762
- Linden, P.F.** The formation of banded salt finger structure 8-85570
- Linden, P.F.,** Shirtcliffe, T.G.L. The diffusive interface in double-diffusive convection 8-90963
- Linden, Th.** van der *see* van der Linden, Th.
- Linden, Th.J.** van der *see* van der Linden, Th.J.
- Linden, W.E.** Van Der *see* Van Der Linden, W.E.
- Linden, W.H.** Van der *see* Van der Linden, W.H.
- Lindenbaum, S.J.** *see* Etkin, A. 8-89743
- Lindenfeld, K.** *see* West, B.J. 8-54306
- Lindenfeld, P.** *see* McLean, W.L. 8-60243
- Lindenfeld, P.** *see* Worthington, T. 8-84348
- Lindenmeyer, P.H.,** Beumer, H., Hosemann, R. The origin in thermodynamic stability of paracrystals 8-75592
- Linder, F.** Electron scattering by polar molecules 8-58853
- Linder, J.S.** *see* Bhar, T.N. 8-52028
- Lindfors, J.** *see* Kajantie, K. 8-49976
- Lindgard, P.A.** Spin waves in the heavy-rare-earth metals Gd, Tb, Dy and Er 8-56306
- Lindgard, P.A.,** Szpunar, B. CPA calculation of moments and transition temperatures of rare-earth and rare-earth-transition-metal alloys 8-84423
- Lindgard, P.-A.** Excitations and spin waves 8-84407
- Lindgard, P.-A.,** Szpunar, B. CPA calculation of moments and transition temperatures of rare earth and rare earth-transition metal alloys 8-52252
- Lindgren, B.** Pressure dependence of the electric field gradient at cadmium impurities in indium metal 8-64302
- Lindgren, B.,** Bedi, S., Wappling, R. Hyperfine interactions of Cd impurities in Co-metal 8-84416
- Lindgren, B.** *see* Balfour, W.J. 8-62815
- Lindgren, B.** *see* Bollmark, P. 8-70847
- Lindgren, I.** *see* Borchert, G.L. 8-70777
- Lindgren, J.** *see* Eriksson, A. 8-75741
- Lindgren, L.J.,** Alm, A., Sandell, A. Photoinduced fission of the doubly even uranium isotopes ^{234}U , ^{236}U and ^{238}U 8-50219
- Lindgren, L.J.** *see* Sandell, A. 8-58549
- Lindhagen, P.** *see* Liljeström, L.-G. 8-80629
- Lindholm, A.** *see* Likar, A. 8-54758
- Lindholm, E.** *see* Asbrink, L. 8-92452
- Lindholm, L.-E.** *see* Petersson, G.P. 8-89538
- Lindinbaum, A.** *see* Bhattacharyya, M.H. 8-85390
- Lindinger, W.,** Alge, E., Stori, H., Varney, R.N. Investigation of ion-molecule-reactions in a drift tube with a hollow cathode ion source 8-64834
- Lindinger, W.,** Dotan, I., Albritton, D.L., Fehsenfeld, F.C. Reactions of N_4^+ with O_2 , CO_2 , H_2 and D_2 and mobilities of N_4^+ in nitrogen 8-60985
- Lindinger, W.** *see* Handle, F. 8-67528
- Lindinger, W.** *see* Holzmann, P. 8-67529
- Lindinger, W.** *see* Varney, R.N. 8-63533
- Lindl, J.D.** Low aspect ratio double shells for high density and high gain 8-58479
- Lindley, J.P.,** Nurse, H.L. Spectrum analysis using acousto-optic techniques 8-78942
- Lindman, B.,** Forsen, S., Lilja, H. Quadrupole relaxation of the aqueous alkaline earth ions 8-64287
- Lindman, B.** *see* Tiddy, G.J.T. 8-76345
- Lindman, B.** *see* Wennerstrom, H. 8-79525
- Lindman, E.L.** *see* Stoscio, M.A. 8-91131
- Lindman, H.** *see* Caelli, T. 8-69082
- Lindner, H.,** Scheibe, R. Calculating δ - and π -anomalies for regular homogeneous perturbing bodies 8-69478
- Lindner, H.-J.** *see* Kuchler, G. 8-80995
- Lindner, L.** *see* Louwrier, P.W.F. 8-64862
- Lindner, U.,** Fedyanin, V.K. Solitons in a one-dimensional modified Hubbard model 8-87895
- Lindner, U.** *see* Schumacher, W. 8-52195
- Lindqvist, O.** *see* Falk, L. 8-55845, 8-95022
- Lindqvist, O.** *see* Johansson, G.B. 8-95017
- Lindsay, P.A.** *see* Tapakoudes, H. 8-50914
- Lindsay, S.M.,** Shepherd, I.W. Hypersound propagation in oriented polymethylmethacrylate 8-75737
- Lindskog, J.** *see* Ishii, K. 8-78798
- Lindstrom, L.,** Kadefors, R., Petersen, I. An electromyographic index for localized muscle fatigue 8-57093
- Lindstrom, L.** *see* Ortgren, R. 8-57103
- Lindstrom, P.J.** *see* Heckman, H.H. 8-66315, 8-70561
- Lindzen, R.S.** Some aspects of convection in meteorology 8-88898
- Line, B.R.** *see* de Graaf, C.N. 8-80958
- Lineberger, W.C.** *see* Ellison, G.B. 8-82860
- Lineberger, W.C.** *see* Engelking, P.C. 8-94282
- Lines, M.E.** Theoretical derivation of possible dielectric anomalies in high-permittivity glasses 8-52433
- Linford, G.J.,** Yarema, S.M., Hurley, C.A., Crothers, W.T., Jones, W.A., Hagen, W.F., Trenholme, J.B. High-radiance Nd-doped disk laser amplifiers for the Shiva laser system 8-59036
- Ling, D.T.,** Miller, J.N., Lindau, I., Spicer, W.E., Stefan, P.M. Oscillations in the compositional depth profile of Cu/Ni alloys: a study by UPS 8-71919
- Ling, D.T.,** Miller, J.N., Pianetta, P.A., Weissman, D.L., Lindau, I., Spicer, W.E. Adsorption of oxygen on Cu(100)—A study by angularly resolved ultraviolet photoemission spectroscopy (ARUPS) 8-71956
- Ling, D.T.** *see* Spicer, W.E. 8-53254
- Ling, R.** Uniform approximations to integral and integrodifferential equations 8-57742
- Ling, T.Y.** New results on dimuon production by high energy neutrinos and antineutrinos 8-89697
- Ling, T.Y.** *see* Benvenuti, A. 8-82196
- Ling, T.Y.** *see* Wanderer, P. 8-66073
- Ling Chaur-Sun** *see* Chaur-Sun Ling
- Ling Chih-Bing** *see* Chih-Bing Ling
- Ling Zeng-Bo** *see* Gao Jie Zhang Yu-Zhen 8-68116
- Ling-Fong Li** *see* Bowman, J.D. 8-78156
- Ling-Fong Li** *see* Cheng, T.P. 8-70359
- Linga, H.,** Motzfeldt, K., Oye, H.A. Vapour pressures of molten alkali chloride-aluminium chloride mixtures 8-87779
- Lingard, P.-A.** *see* Cooke, J.F. 8-68197
- Lingerak, W.A.** *see* van Raaphorst, J.G. 8-69512
- Linglin, D.** *see* Chadwick, G.B. 8-66175
- Linh, N.T.** *see* Massies, J. 8-95361
- Linhardt, E.** *see* Henson, R.M. 8-52447
- Linhn, N.T.** *see* Felix, M.M.P. 8-52101
- Link, H.** *see* Pitz, E. 8-96427
- Link, R.** *see* Bansaragtschin, B. 8-68625
- Linkens, A.** *see* Niezette, J. 8-95989
- Linkens, A.** *see* Vanderschueren, J. 8-72453, 8-80278
- Linkens, D.A.** Simulation of digestive tract electrical rhythms 8-64970
- Linkens, D.A.** Simple large-output simulated floating inductors [for bioelectric signal application] 8-69227
- Linkens, D.A.,** Datardina, S.P. Estimation of frequencies of gastro-intestinal electrical rhythms using auto-regressive modelling on a mini-computer 8-56948
- Linkens, D.A.,** Datardina, S.P. Estimation of frequencies of gastrointestinal electrical rhythms using autoregressive modelling 8-80855
- Linkens, D.A.** *see* Patton, R.J. 8-61165
- Linker, G.** Influence of ion bombardment on the superconducting transition temperature of evaporated vanadium layers 8-52136
- Linkinhoker, C.L.** *see* Quay, R. 8-50390
- Linkletter, G.O.,** Warburton, J.A. An assessment of NHRE hail suppression seeding technology based on silver analysis 8-65367
- Lin'kova, N.V.** *see* Goryachev, B.I. 8-87592
- Linne, M.** *see* Kittelson, D.B. 8-95975
- Linnemann, R.E.,** Mettler, F.A., Jr. Emergency medical assistance programs for nuclear power reactors 8-53532
- Linnik, L.N.** Mass-spectrometric methods and devices using periodic motion of ions along closed trajectories (review) 8-78029
- Lins de Barros, H.G.P.** *see* Brandi, H.S. 8-74767, 8-86937
- Linscott, I.R.** *see* Jacobs, S.M. 8-58197
- Linsky, J.L.,** Ayres, T.R., Basri, G.S., Morrison, N.D., Boggess, A., Schiffer, F.H., III, Holm, A., Cassatella, A., Heck, A., Macchetto, F., Stickland, D., Wilson, R., Blanco, C., Dupree, A.K., Jordan, C., Wing, R.F. IUE observations of cool stars: α Aurigae, HR 1099, λ Andromedae, and ϵ Eridani 8-96475
- Linsky, J.L.** *see* Boggess, A. 8-96383
- Linsky, J.L.** *see* Glackin, D.L. 8-57516
- Linsky, J.L.** *see* Kelch, W.L. 8-89153
- Linsky, J.L.** *see* McClintock, W. 8-81620
- Linsky, J.L.** *see* Morrison, N.D. 8-57518
- Linsley, G.S.** EPA proposed Guidance on dose limits for persons exposed to transuranium elements in the general environment 8-69223
- Linstead, P.J.** *see* Burgess, J. 8-53597
- Lintern, A.L.** *see* Gay, M. 8-70405
- Lintig, R.** von *see* von Lintig, R.
- Linton, C.** Photoluminescence of the $\text{A}^2\Pi-X^2\Sigma^+$ system of the yttrium oxide molecule 8-55195
- Linton, J.W.** *see* Smith, J.G. 8-82190
- Linuma, K.** *see* Kono, M. 8-87520
- Linz, A.** *see* Griffin, J.A. 8-68484
- Linz, A.** *see* Weber, M.J. 8-72542
- Linz, P.,** Tien Chi Chen Exact eigenvalues for the Coulomb potential with cut-off 8-62692
- Linz, R.J.** *see* Fisher, E.S. 8-91655
- Linzner, M.** An ultrasensitive ultrasonic system with applications to nondestructive evaluation and medical diagnosis 8-59224
- Liotta, D.C.** *see* Baker, A.D. 8-85225
- Liou, H.I.,** Chrien, R.E., Block, R.C., Kobayashi, K. The total neutron cross section of scandium from 0.005 to 22 keV 8-78371
- Liou, K.-N.** *see* Roewe, D. 8-73455
- Liou, M.K.** A new program for bremsstrahlung studies 8-62401
- Liou, M.K.,** Nutt, W.T. Pion-proton bremsstrahlung 8-89730
- Liou Kuo-Nan** *see* Kuo-Nan Liou
- Lipa, B.** Pulsations in solar hard X-ray bursts 8-61846
- Lipa, B.** *see* Hasselmann, K. 8-81418
- Lipari, F.,** Planke, F.W. Wavelength-modulated continuum source atomic fluorescence spectrometer 8-70190
- Lipari, N.O.** Electronic states of impurities located at or near semiconductor-insulator interfaces 8-95320
- Lipari, N.O.** *see* Bernholc, J. 8-91641
- Lipartelliani, A.G.** *see* Volkov, G.G. 8-54601
- Lipatov, E.A.** *see* Kanovich, M.Z. 8-64578
- Lipatov, L.N.** *see* Bukhvostov, A.P. 8-62316

- Lipatov, Yu.S.**, Shifrin, V.V., Rosovitzkii, V.F. Study of viscoelastic characteristics of binary polymer blends 8-72808
- Lipatov, Yu.S.**, Soltis, M.N., Yaremko, Z.M. Energy of the interaction between two spherical particles coated with an adsorption layer of macromolecules 8-53271
- Lipatov, Yu.S.** see Shilov, V.V. 8-51452
- Lipoverkaya, E.V.** see Kuzlev, M.V. 8-59605
- Liphard, K.G.** see Schneider, G.M. 8-51648
- Liphardt, B.** see Schafer, F.P. 8-74899
- Lipin, A.L.** see Kudryavtseva, M.V. 8-72992
- Lipin, B.R.** The system $Mg_2SiO_4-Fe_2SiO_4-CaAl_2Si_2O_8-SiO_2$ and the origin of Fra Mauro basalts 8-65512
- Lipin, V.D.** see Azimov, S.A. 8-78421
- Lipinski, A.**, Mycielski, W., Derfel, G. The study of the charge carrier transport in nematic mixtures 8-51413
- Lipinski, J.** see Janecka-Styrcz, K. 8-66589
- Lipinski, K.** Oscilloscope measuring technique with the change of time 8-74020
- Lipinski, W.** see Sikora, R. 8-90341
- Lipka, J.** see Sitek, J. 8-59758
- Lipkin, H.J.** A unified description of mesons, baryons and baryonium 8-50014
- Lipkin, H.J.**, Rubinstein, H.R. Some implications of the observed decay $\psi \rightarrow f + \gamma$ 8-62397
- Lipkin, H.J.**, Rubinstein, H.R., Isgur, N. Where is the η_c ? 8-93863
- Lipkin, J.** see Asay, J.R. 8-80692
- Lipman, N.H.** see Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Lipmanov, E.M.**, Mikheev, N.V. On neutrino mixing and search for the τ lepton in neutrino experiments 8-54604
- Lipnik, A.A.** The chain fraction method in the kinetic theory of ultrasonic amplification in anisotropic semiconductors 8-68054
- Lipnik, P.** see Leleux, P. 8-70726
- Lipovetskaya, O.D.** see Shvets, Yu.I. 8-83398
- Lipovetskaya, Z.G.** Wear of heat-treated steel 40Kh during friction under extreme conditions 8-85007
- Lipovetskiy, V.A.** see Tulinov, V.F. 8-69575
- Lipovka, N.M.** Radio observations of the galactic halo 8-96544
- Lipovskii, A.A.**, Shcherbakov, A.S. Optical heterodyne detection using a collinear acoustooptic interaction in a trigonal crystal 8-66927
- Lippard, S.J.** see Boon-Keng Teo 8-85291
- Lipparini, E.** see Stringari, S. 8-78292
- Lippincott, S.L.**, Borgman, E.R. CC20986, a new unresolved astrometric binary 8-57594
- Lippincott, S.L.**, Worth, M.D. χ^1 Orionis, a new solar-type astrometric binary 8-73740
- Lippold, B.** see Andreeff, A. 8-67996
- Lips, A.** see Giles, D. 8-53273
- Lipscomb, W.N.** see Bicerano, J. 8-74581
- Lipsett, A.W.** see Gilpin, R.R. 8-95133
- Lipsey, C.** see Breslow, R. 8-85287
- Lipshitz, A.** see Goldman, Y. 8-94855
- Lipshitz, H.** see Grodzinsky, A.J. 8-92667
- Lipshitz, Y.** see Goldring, G. 8-66240
- Lipsky, L.**, Anania, R., Conneely, M.J. Energy levels and classifications of doubly-excited states in two-electron systems with nuclear charge, $Z=1,2,3,4,5$, below the $N=2$ and $N=3$ thresholds 8-62736
- Lipson, H.G.** see Bendow, B. 8-60461
- Lipson, S.G.** see Pipman, J. 8-51781
- Lipson, S.J.** see Economou, N.P. 8-90129
- Lipton, L.T.** see Bleha, W.P. 8-83102
- Lipunov, V.M.** The motion of superlight particles in the gravitational field of a black hole 8-93103
- Liquori, A.M.** Coupling between transport phenomena and conformational transitions: Isothermal water transport and 'asymmetric osmotic pressure' across a 'membrane phase' promoted by a helix-coil transition 8-77031
- Liquori, A.M.** see Coiro, V.M. 8-66699
- Liron, N.** Fluid transport by cilia between parallel plates 8-69123
- Liron, N.**, Shahar, R. Stokes flow due to a Stokeslet in a pipe 8-67268
- Lis, G.A.**, Brahmayar, S.M., Zu'bi, S.M. Cold-spot method of pancreas scanning 8-73214
- Lis, L.** About thermalisation of $Ss^{[1/2]}$, and $Ss^{[1/2]}_0$ neon level populations 8-66649
- Lisachenko, A.A.** see Sergeev, Yu.L. 8-79896
- Lisak, M.** Wave interaction in a beam-plasma system in presence of dispersion and higher order non-linear effects 8-71502
- Lisak, M.**, Peterson, B., Wilhelmsson, H. Coupled nonlinear Schrodinger equations including growth and damping 8-54220
- Lisak, M.** see Anderson, D. 8-63559, 8-89366
- Lisakov, Yu.V.** see Gal'perin, Yu.I. 8-69610
- Lischer, D.W.** see Shao-Chi Lin 8-78994
- Lischka, H.** see Kohler, A. 8-66475
- Lischka, H.** see Kohler, H.-J. 8-94197
- Lisensky, G.C.**, Levy, H.A. Sodium thiosulfate pentahydrate: A redetermination by neutron diffraction 8-63714
- Lisetskii, L.N.**, Timan, B.L., Tishchenko, V.G., Kolotii, O.D. Increase in the pitch of the cholesteric helix with temperature in uncompensated systems 8-71676
- Lisetskii, L.N.** see Tolmachev, A.V. 8-87616
- Lishanskaya, R.S.** see Andryushin, A.I. 8-63887
- Lishchina, T.G.** see Kartashov, O.G. 8-87027
- Lishenko, L.G.** see Shvchenko, N.G. 8-89785
- Lisin, V.A.**, Yalovets, A.P. Features of the deformation of electron spectra at double-layer barriers 8-84292
- Lisina, L.R.** Distribution of TiO_2 over the lunar surface (from the analysis of photometric catalogue by D.S. Mikhail) 8-73661
- Lisitchenko, V.V.** On the kinetic theory of the longitudinal oscillations in a nonuniform plasma 8-75319
- Lisitsa, M.P.** see Borsh, V.V. 8-64059
- Lisitsa, V.S.** see Abramov, V.A. 8-58814
- Lisitsin, V.I.** see Grishin, S.D. 8-76574
- Lisitskii, I.S.** see Mastikhin, V.M. 8-71165
- Lisitsyn, B.M.**, Verizhenko, V.E. A new direction in the development of the finite elements method 8-77695
- Lisitsyn, V.M.**, Lisitsyna, L.A., Kalinin, M.I., Reiterov, V.M., Fedorov, V.A. Thermal stability of color centers in MF_2 crystals 8-83811
- Lisitsyn, V.M.** see Arefev, K.P. 8-92143
- Lisitsyn, V.N.** see Kochubei, A. 8-50755
- Lisitsyn, Yu.V.** see Zolotarev, V.M. 8-88375
- Lisitsyna, K.N.** Zonality of water erosion characteristics in the territory of the USSR 8-61449
- Lisitsyna, L.A.** see Lisitsyn, V.M. 8-83811
- Lisitsyna, L.L.** see Muller, Ya.N. 8-50754
- Liska, M.** see Pavellek, M. 8-62220
- Liskevich, I.Yu.** see Tkachenko, N.N. 8-56808
- Liskien, H.**, Arnotte, F., Widera, R., Paulsen, A. Cross-section measurement for the reaction $^{115}In(n,n')^{115m}In$ 8-78372
- Lismode, B.**, Barbier-Neyret, J.-P., Auchere, D. Laser anemometer system: optics and signal processor for low speed flows 8-59521
- Lisnenko, T.A.** see Zarichnyak, Yu.P. 8-75842, 8-88448
- Lisnyanskii, Kh.A.** Radioisotope X-ray fluorescence analysis of paper using a substrate 8-56935
- Lisovenko, V.A.**, Faidish, A.N., Yankov'ska, L.B. Temperature dependence of photoluminescence from γ -irradiated anthracene single crystals 8-56511
- Lisovskii, A.F.** Mechanism of penetration of liquid metals into sintered WC-Co hard alloys 8-60619
- Lisovskii, A.F.** Mass transfer in the interaction of a sintered composite with a liquid metal 8-67262
- Lisovskii, F.V.** see Avaeva, I.G. 8-60321
- Lisovskii, F.V.** see Yurchenko, S.E. 8-91915
- Lisowski, B.** see Krzywinski, J. 8-91884
- Lisowski, P.W.** see Tornow, W. 8-70393, 8-70514
- Lissauer, D.** see Derrick, M. 8-82197
- Lissauer, D.** see Engler, A. 8-93875
- Lissauer, D.** see Gelfand, N. 8-74274
- Lissauer, D.** see Gidal, G. 8-58201
- Lissayou, J.** The production of a microwave polarimeter for the 35 GHz band 8-74040
- Lissberger, P.H.** The ultimate reflectance of multilayer dielectric mirrors [for laser systems] 8-59106
- Lissberger, P.H.** Basic developments in optical coatings 8-74964
- Lissens, T.** Corne see Corne Lissens, T.
- List, M.** Bibliographia Kepleriana. Supplements and continuation 1975-1978 8-77657
- List, R.D.** see Atkinson, C. 8-90783
- Listengarten, M.A.** see Demkov, Yu.N. 8-94040
- Lister, C.J.**, Al-Naser, A.M., Behbehani, A.H., Green, L.L., Nolan, P.J., Sharpey-Schafer, J.F. Properties of levels in ^{41}K below 3.3 MeV 8-62588
- Lister, C.J.** see Al-Naser, A.M. 8-93960
- Lister, C.R.B.** see Hartline, B.K. 8-59466
- Lister, G., Jr.**, Hoffman, J.I.E., Rudolph, A.M. Measurement of oxygen consumption: assessing the accuracy of a method 8-65067
- Lister, G.S.**, Price, G.P. Fabric development in a quartz-feldspar mylonite 8-96201
- Lister, J.B.** see Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Lister, J.R.** see Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Listovnichaya, S.P.** see Karpinos, D.M. 8-60623
- Listvin, V.N.** see Kolesov, Yu.I. 8-86362
- Liszi, J.** see Abraham, M.H. 8-95944
- Liszka, L.** Long-distance focusing of Concorde sonic boom 8-83160
- Liszka, T.**, Swisterski, W., Zyczkowski, M. Optimum design of statically indeterminate beams by analytical and photo-elastic methods 8-79203
- Liszt, H.S.** Time-dependent CO formation and fractionation 8-57602
- Liszt, H.S.**, Turner, B.E. Microwave detection of interstellar NO 8-93378
- Lit, J.W.Y.** see Fujii, H. 8-89428
- Lit, J.W.Y.** see Lim, T.K. 8-74991
- Litai, D.** see Tadmor, J. 8-53517
- Litchfield, P.J.** see Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Litchinsky, D.** see Egelstaff, P.A. 8-82810
- Liteanu, C.**, Hopirtean, E., Popescu, I.C., Rica, I., Stefaniga, E. Statistical approach for the selectivity of ion-selective membrane electrodes 8-92549
- Lites, B.W.**, Shine, R.A., Chipman, E.G. Line formation in the solar chromosphere. I. The C II resonance lines observed with OSO 8-53896
- Lites, B.W.** see Shine, R.A. 8-93178
- Litewka, A.** Non-associated flow law for plastically anisotropic aluminum alloys 8-80603
- Litfin, G.**, Beigang, R. Design of tunable CW colour centre lasers 8-94397
- Litfin, G.** see Welling, H. 8-90420
- Litherland, A.E.** see Sandorfi, A.M. 8-54744
- Litherland, P.S.** Large Coil Program support structure conceptual design 8-50395
- Litinskaya, L.L.** see Khurst, Yu.R. 8-77172
- Litinskii, A.O.**, Tamulis, A.V., Gubanov, V.N. Modified partial neglect of differential overlap in the determination of the electronic structures and the physicochemical properties of molecules 8-82645
- Litke, A.** see Jaros, J.A. 8-50042
- Litke, A.M.** see Feller, J.M. 8-66136
- Litke, A.M.** see Scharre, D.L. 8-89723
- Litke, A.M.** see Vuillemin, V. 8-93876
- Litoshenko, A.K.** see Tolubinskiy, V.I. 8-55639
- Litov, E.**, Anderson, O.L. Possibility of ferroelectric-like phenomena in the mantle of the Earth 8-61362
- Litovchenko, N.A.**, Belitskaya, S.G., Egorova, L.G., Popov, E.I., Sergeev, G.T., Finaev, Yu.A. Al powder with metallic encapsulation 8-60881
- Litovchenko, P.G.** see Borodovskii, Ya.A. 8-56156
- Litovchenko, V.G.** Characteristics of quasi-two-dimensional excitons and plasmons at various concentrations 8-60063
- Litovchenko, V.G.** see Dmitruk, N.L. 8-68070, 8-88366
- Litovskii, E.Ya.**, Kaplan, F.S., Klimovich, A.V. Effect of a decrease of thermal resistance of pores in solids 8-75892
- Litovskii, E.Ya.**, Kaplan, F.S., Klimovich, A.V. Effect of physicochemical processes in fireproof materials on their thermal conductivity 8-84012
- Litovskii, E.Ya.** see Korobeinikov, A.V. 8-81968
- Litovskii, M.A.** see Konorova, L.F. 8-56145
- Litster, J.D.** see Als-Nielsen, J. 8-94984
- Litster, J.D.** see Griffin, J.A. 8-68484
- Littenberger, L.S.** see Carroll, A.S. 8-89757
- Litster, F.J.** see Afanas'ev, A.M. 8-60362
- Little, C.A.**, Whicker, F.W. Plutonium distribution in Rocky Flats soil 8-73265
- Little, C.G.** see Beran, D.W. 8-53694
- Little, C.G.** see Brown, E.H. 8-57347
- Little, G.B.**, Gerry, M.C.L. The microwave spectrum, structure, and dipole moment of propiolamide, $HCCC(O)NH_2$ 8-78685
- Little, G.H.** Rapid analysis of plate collapse by live-energy minimisation 8-52910
- Little, J.B.** see Williams, J.R. 8-80929
- Little, L.M.** see Schomer, P.D. 8-63224
- Little, L.T.**, Macdonald, G.H., Riley, P.W., Matheson, D.N. Observations of interstellar HC_3N and HC_7N in dark dust clouds 8-54023
- Little, L.T.**, Riley, P.W., Macdonald, G.H., Matheson, D.N. Association of cyanodiacylene emission in Heiles 2 with a cloud collision? 8-65675
- Little, M.J.** see Grinberg, J. 8-79141
- Little, P.F.** Transmission line representation of a lightning return stroke 8-85644
- Little, P.F.** see Dobbins, J.A. 8-87575
- Little, R.L.** see Roeder, D. 8-65292
- Little, W.A.** Scaling of miniature cryocoolers to microminiature size 8-93701
- Little, W.L.** see Butterfield, K.B. 8-66653
- Littlefield, R.G.**, Harmon, G.S. Time-of-flight electron velocity spectrometer using transverse electric field deflectors 8-89584
- Littlefield, V.M.** see Parker, D.E. 8-85332
- Littlejohn, M.A.** see Bedair, S.M. 8-92206
- Littlejohn, M.A.** see Glisson, T.H. 8-67940
- Littlewood, S.**, Briggs, B.F.N. Investigation of current-interruption by metal-filled epoxy resin 8-76124
- Littman, M.G.** Single-mode operation of grazing-incidence pulsed dye laser 8-94398
- Littman, M.G.**, Kash, M.M., Kleppner, D. Field-ionization processes in excited atoms 8-70761
- Littman, M.G.**, Metcalf, H.J. Spectrally narrow pulsed dye laser without beam expander 8-79028
- Littman, M.S.** see Rowland, R.E. 8-96075
- Littmann, M.F.**, Dahlstrom, N.A. Effect of composition and original orientation on secondary recrystallisation of 3% silicon-iron single crystals 8-68707
- Littmark, U.**, Gras-Marti, A. Energy spectra of light ions backscattered from random solids 8-72655
- Littmark, U.** see Bottiger, J. 8-59830

- Littmark, U.** *see* Schou, J. 8-95639
- Litton, C.W.** *see* Almassy, R.J. 8-72248
- Litunovskii, V.N.** *see* Burtsev, V.A. 8-67388, 8-67389
- Litvak, A.** The processes of electromagnetic wave self-action in a dense plasma 8-75360
- Litvak, A.G., Feigin, A.M.** On plasma ionisation by high-speed electrons, formed as a result of parametric instabilities 8-75333
- Litvak, A.G., Mironov, V.A.** Thermal modulational instability and stratification of plasma 8-75332
- Litvak, A.G., Sergeev, A.M.** One-dimensional collapse of plasma waves 8-63561
- Litvak, A.G., Shakhova, N.A.** Electromagnetic wave beam self-focusing in magnetoactive plasma 8-75357
- Litvak, A.G.** *see* Brodsky, Yu.Ya. 8-75383
- Litvan, G.G.** Adsorption systems at temperatures below the freezing point of the adsorptive 8-75925
- Litvichenko, N.A.** *see* Kazakov, A.A. 8-68285
- Litvin, A.A.** *see* Dzharafarov, T.D. 8-91489, 8-95610
- Litvin, D.B.** *see* Crooks, M.J. 8-73813
- Litvin, D.F.** *see* Vintaikin, E.Z. 8-60705
- Litvin, F.F., Balashov, S.P.** New intermediates in the photochemical conversions of bacteriorhodopsin 8-96010
- Litvin, F.F., Boichenko, V.A., Balashov, S.P., Dubrovskii, V.T.** Photo-induced inhibition and stimulation of respiration in the cells of *Halo-bacterium halobium*: kinetics, action spectra, link with photo induction, ΔpH 8-96066
- Litvin, F.F., Stadnichuk, I.N.** Absorption, fluorescence and fluorescence excitation spectra of chlorophyll c in the cell at $-196^{\circ}C$ 8-53329
- Litvin, Yu.A., Ishbulatov, R.A.** Generation of a uniform pressure and temperature distribution in solid-pressure cells 8-49857
- Litvin, Yu.A.** *see* Kamenetskaya, D.S. 8-56613
- Litvinenko, A.A.** Temperature stability of layered acoustic waveguides 8-83152
- Litvinenko, L.N.** *see* Belobrov, A.V. 8-66709
- Litvinenko, V.V.** The effect of the Coriolis force on a plane wave form of tsunami type 8-77193
- Litvinov, E.A., Mesyats, G.A., Proskurivsky, D.I., Yankelevitch, E.B.** Processes at cathode operating in regime of electron explosive emission 8-75460
- Litvinov, E.A., Starobinets, A.A.** Maximum field-emission current 8-72704
- Litvinov, E.A.** *see* Bazhenov, G.P. 8-71569
- Litvinov, L.A.** *see* Dobrovinskaya, E.R. 8-68621
- Litvinov, L.A.** *see* Kirejeva, S.I. 8-90419
- Litvinov, V.D.** *see* Zeigarnik, Yu.A. 8-90968
- Litvinov, V.E.** *see* Vereshchagin, I.P. 8-67447
- Litvinov, V.G., Rubezhanskii, Yu.I.** Duality theory methods in problems on the optimal loading of thin plates 8-63409
- Litvinov, V.K.** *see* Lagunov, A.S. 8-49876
- Litvinov, V.S., Karakishev, S.D., Khadyev, M.S.** Mossbauer study of martensite in manganese and nickel steels 8-56621
- Litvintsev, A.I.** *see* Shinyayev, A.Ya. 8-60606
- Litvintsev, V.V.** *see* Chernykh, I.V. 8-64145
- Litwora, A.** *see* Krupkowski, A. 8-56652
- Lityuchii, A.P.** *see* Luk'yanchikova, N.B. 8-52450
- Litz, D.C., Eckels, P.W., Riemersma, H. S.C.** magnetic design for 10 MJ homopolar machine 8-54927
- Litz, D.C.** *see* Janocko, M.A. 8-62639
- Litz, D.C.** *see* Mullan, E. 8-54924
- Litzman, O.** The Ewald dynamical theory of reflection and transmission of light by a dielectric slab. The extinction theorem in spatially dispersive media 8-66749
- Liu, A.F., Kan, H.P.** Test and analysis of cracked lug 8-67153
- Liu, A.S.** On the determination and investigation of the terrestrial ionospheric refractive indices using GEOS-3/ATS-6 satellite-to-satellite tracking data 8-93039
- Liu, B., Sando, K.M., North, C.S., Friedrich, H.B., Chipman, D.M.** Theoretical dipole moment derivatives and force constants for HCN 8-90091
- Liu, B.** *see* Dupuis, M. 8-58590
- Liu, B.** *see* Kirby, K. 8-78636
- Liu, B.** *see* Kirby-Docken, K. 8-62846
- Liu, B.** *see* Kittelson, D.B. 8-95975
- Liu, B.** *see* Olson, R.E. 8-62745, 8-74727
- Liu, B.** *see* Siegbahn, P. 8-56882
- Liu, B.Y.H., Kapadia, A.** Combined field and diffusion charging of aerosol particles in the continuum regime 8-90349
- Liu, B.Y.H., Pui, D.Y.H., Whitby, K.T., Kittelson, D.B., Kousaka, Y., McKenzie, R.L.** The Aerosol Mobility Chromatograph: a new detector for sulfuric acid aerosols 8-96297
- Liu, C.** *see* Chen-Kun *see* Chen-Kun Liu, C.
- Liu, C.H., Hsiao, C.C.** Stresses around a polymer craze 8-75081
- Liu, C.H., Joseph, D.D.** Stokes flow in conical trenches 8-83413
- Liu, C.H.** *see* Klostermeyer, J. 8-81282
- Liu, C.H.** *see* Norum, T.D. 8-59179
- Liu, C.H.** *see* Padula, S.L. 8-94458
- Liu, C.H.** *see* Patakar, S.V. 8-59484
- Liu, C.H.** *see* Pedrazzini, G.J. 8-86944
- Liu, C.H.** *see* Rottger, J. 8-81278
- Liu, C.S., Nolte, L.W.** Performance sensitivity of array detectors to a priori spatial knowledge 8-55524
- Liu, C.S.** *see* Chen, H.H. 8-49676
- Liu, C.S.** *see* Drake, J.F. 8-94909
- Liu, C.S.** *see* Feldman, D.W. 8-50808, 8-79037
- Liu, C.T., Inouye, H., Carpenter, R.W.** Effect of oxygen absorption on lattice parameter and specimen dilation in a tantalum-base alloy containing 8 pct tungsten and 2 pct hafnium 8-83958
- Liu, C.T.** *see* White, C.L. 8-95754
- Liu, C.Y.** Nonlinear heat transfer by the iterative variational method 8-94511
- Liu, D.D., Winther, B.A.** Towards a mixed kernel function approach for unsteady transonic flow analysis 8-71360
- Liu, H.K.** Coherent optical analog-to-digital conversion using a single halftone photograph 8-78919
- Liu, H.K.** *see* Herman, G.T. 8-53479
- Liu, H.S.** Mantle convection pattern and subcrustal stress field under Asia 8-57190
- Liu, H.W., Kuo, A.S.** Fracture toughness of thin and tough plates 8-75109
- Liu, H.W.** *see* Kuo, A.S. 8-68811
- Liu, J.** *see* Moreno, P. 8-50244
- Liu, J.C.** *see* Smith, F.W. 8-56293
- Liu, J.K.** *see* Barish, B. 8-89750
- Liu, J.T.C., Alper, A., Mankbadi, R.** The large-scale organized structure in free turbulent shear flow and its radiation properties 8-94671
- Liu, K.C.** Thermal stresses and cyclic creep-fatigue in fusion reactor blanket 8-62655
- Liu, K.C.** *see* Bettis, E.S. 8-62649
- Liu, K.F., Wong, C.W.** Quark-potential-model mass formulas for hadrons 8-70349
- Liu, K.F.** *see* Wong, C.W. 8-70465
- Liu, K.L., Vosko, S.H.** Spin density functional theory for the spin wave stiffness coefficient in ferromagnets 8-76230
- Liu, K.L.** *see* Vosko, S.H. 8-91586
- Liu, L.C.** Role of p^2 term in pion-nucleus dynamics 8-70574
- Liu, L.K.** *see* Wu, R.W. 8-53623
- Liu, M., Cross, M.C.** Broken spin-orbit symmetry in superfluid 3He and B-phase dynamics 8-71898
- Liu, M.** *see* Cross, M.C. 8-56007
- Liu, M.-B.** *see* Wright, R.B. 8-95637
- Liu, N.L.** *see* Huang *see* Huang Liu, N.L.
- Liu, P., Smith, W.L., Lotem, H., Bechtel, J.H., Bloembergen, N., Adhav, R.S.** Absolute two-photon absorption coefficients at 355 and 266 nm 8-83037
- Liu, P., Yen, R., Bloembergen, N.** Dielectric breakdown threshold, two-photon absorption, and other optical damage mechanisms in diamond 8-84684
- Liu, P.L.-F.** Integral equation solutions to nonlinear free surface flows 8-92850
- Liu, P.L.-F., Lennon, G.P.** Finite element modelling of nearshore circulations 8-77270
- Liu, P. L.-F., Liggett, J.A.** Boundary integral solutions to groundwater problems 8-77291
- Liu, S.** *see* Kuhn, W.R. 8-81280
- Liu, S.C.** *see* Cicerone, R.J. 8-85631
- Liu, S.C.** *see* Frederick, J.E. 8-88960
- Liu, S.** *see* Chen Liu, S.
- Liu, S.H.** Energy band structure of itinerant ferromagnet in the disordered phase 8-68141
- Liu, S.H.** Quasipin model for itinerant magnetism—effects of short-range order 8-68144
- Liu, S.K., Chow, W.L.** Numerical solutions of the compressible hodograph equation 8-51179
- Liu, S.K.** *see* Bray, R.G. 8-62239
- Liu, S.T., Long, D.** Pyroelectric detectors and materials 8-49901
- Liu, S.T.** *see* Cline, T.W. 8-80309
- Liu, S.T.** *see* Zook, J.D. 8-88258
- Liu, T.L.** Nearest-neighbour distance and atomic properties in CsCl type intermetallic compounds 8-51465
- Liu, V.C.** A test of the comet hypothesis of the Tunguska Meteorite Fall: Nature of the meteor 'thermal' explosion paradox 8-61813
- Liu, W.-K., Grabenstetter, J.E., Le Roy, R.J., McCourt, F.R.** Effect of asymmetric isotopic substitution on atom-diatom potentials 8-70894
- Liu, Y.C., Lin, E.K., Kiang, G.C., Hsu, W.S.** Energy levels of ^{73}As from $^{72}Ge(p,\gamma)^{73}As$ reaction 8-93939
- Liu, Y.K.** *see* Lin, H.S. 8-69125
- Liu, Y.M.** *see* Koyama, R.Y. 8-91643
- Liu** *see* Chao-Han *see* Chao-Han Liu
- Liu Chen, Guzdar, P.N., White, R.B., Kaw, P.K., Oberman, C.** Theory of universal eigenmodes in a sheared magnetic field 8-83552
- Liu Chen** *see* Guzdar, P.N. 8-75297
- Liu Chiu-Lian** *see* Chiu-Lian Liu
- Liu Fu Sui, Wu Hang-Sheng** The influence of junction resistance on the coupling between the microwave and the Josephson tunnelling junction 8-80099
- Liu Gou-Xing, Wang Zhi-Gou, Yin Shu-Zhi, Hao Bin-Gan, Yuan Shuang-Gui, Xia Xing-Shuo** Angular distributions of fission fragments and the shapes of the saddle point of compound nuclei 8-78427
- Liu Hong-Ye** *see* Guo Jun-Sheng 8-82387
- Liu Hsi-Ping** *see* Hsi-Ping Liu
- Liu Hsien-Chih** A new method for calculating longitudinal and torsional natural vibration frequencies of wedge-shaped straight bars 8-59338
- Liu Huang-Feng, Wang Lian-Chih** A dye laser with double pumping source 8-82960
- Liu Lin-Gun** *see* Lin-Gun Liu
- Liu Mei-Kao** *see* Mei-Kao Liu
- Liu Ming-Bian** *see* Ming-Bian Liu
- Liu Ru-liang** The statistical research of the Seyfert galaxies 8-69878
- Liu Shi-Fan** Obliquity of the ecliptic in geological time 8-69270
- Liu Shu-I** Thermodynamical theory of irreversible processes for elasto-plastic metal-dislocation system and stress-activated motion of dislocations 8-83868
- Liu Tung-sheng, An Chih-sheng, Wen Chih-chung, Lu Yen-chou, Han Chia-mao, Wang Chun-ta, Tiao Kuei-yi** Geological environments of the loess in China 8-81156
- Liu Yu-Ming** *see* Shen Zhu-Tong 8-80484
- Liu Yu-Ying** *see* Fu Qi-Jun 8-69763
- Liu Yuan-Lung, Wang Qian-Shen, Zhao Jian-Hua** A preliminary study based on gravity data of the crustal structure of the Peking-Tientsin area and its neighboring regions 8-61357
- Liu Yuen-Chung** *see* Yuen-Chung Liu
- Liu Zi-Zhong** *see* Ding You-Ji 8-69761
- Liukkonen, E.** *see* Bergstrom, I. 8-78307
- Liukkonen, S.** *see* Ekman, A. 8-71872
- Liuzzi, A., Martin, J.G.** Experimental electron backscatter fractions for molybdenum and tungsten 8-87717
- Livan, M.** *see* Aschman, D.G. 8-78201
- Livan, M.** *see* Goggi, G. 8-89739, 8-89740
- Livanova, L.P.** *see* Bur'yanov, V.B. 8-85511
- Liventsova, L.B.** *see* Mel'kanovich, A.F. 8-49821
- Liverani, M.** *see* Bertinetto, F. 8-87072
- Liverty, V.P.** *see* Korneva, L.A. 8-77258
- Liversage, W.E.** The treatment of cancer of the cervix using the cathetron 8-49617
- Livesay, B.R.** *see* Larsen, J.W. 8-68306
- Livesey, D.W., Ridley, N.** Superplastic deformation, cavitation and fracture of microduplex Cu-Ni-Zn alloys 8-64640
- Livesey, D.W.** *see* Ridley, N. 8-60728
- Livesey, J.L.** *see* Laws, E.M. 8-59483
- Livi, R.P.** *see* Da Jornada, J.A.H. 8-68416
- Livieratos, E.** Connection in the actual gravity field of the Earth in terms of the disturbing potential 8-61297
- Livieratos, E., Zadro, M.** A study on the hydrodynamical behaviour of the Aegean basin 8-65317
- Livieratos, E.** *see* Chiaruttini, C. 8-85462
- Livingston, A.E., Berry, H.G.** Fine structure of the $1s2s2p^4P^o$ and $1s2p^2^4P$ doubly excited states in lithiumlike carbon, nitrogen, and oxygen 8-78827
- Livingston, A.E.** *see* Pinnington, E.H. 8-55224
- Livingston, J.D.** TEM studies of cobalt-rare earth permanent magnets 8-91901
- Livingston, J.D.** Effect of Ta additions to bronze-processed Nb_3Sn superconductors 8-95404
- Livingstone, F.M., De la Rue, R.M., Duncan, W.** $pSi-nCdS$ heterojunction photodetectors 8-52068
- Livio, M.** *see* Vidal, N.V. 8-73657
- Livnat, A.** *see* Erez, G. 8-66023
- Livolant, M., Jeanpierre, F.** Vibrational analysis of the Superphenix internal shells 8-50247
- Livshits, A.I.** Nonequilibrium system with asymmetric membranes 8-56918
- Livshits, A.I.** *see* Cutman, E.E. 8-67913
- Livshits, L.D., Prishchepov, V.F.** Anisotropy of linear compressibility and twinning under hydrostatic pressure 8-51553
- Livshits, M.A., Bulatov, N.N.** Exponential character of the dependence of the differential emission measure on the temperature and structure of a coronal active region 8-53917
- Livshits, M.A.** *see* Belintsev, B.N. 8-73136
- Livshits, M.A.** *see* Pikel'ner, S.B. 8-65598
- Livshits, M.S.** Calculation of the potential accuracy of measurement of the angular coordinates of targets by the bat echolocator using the method of the equi-signal zone 8-77071
- Livshits, M.S.** Model of the neurocorrelometer of echo-locating animals 8-96059
- Livshits, Yu.E.** *see* Tamarin, A.I. 8-59476, 8-67263
- Livshitz, M.A.** *see* Sharonov, Yu.A. 8-76997

- Lizak, W.** *see* Gzowski, O. 8-59980
- Lizarev, A.D., Rostanina, N.B.** Investigations of ultralow frequency vibrations of spherical shells 8-55580
- Lizengevich, A.I.** Theory of vibrational relaxation of diatomic molecules in quasi-equilibrium approximation 8-58790
- Lizurej, H.I.** *see* Cretu, Tr. 8-74532
- Ljagustschenko, R.I.** *see* Wagner, L.S. 8-67498
- Ljolle, K.** *see* Brana, J. 8-49989
- Ljubicic, A.** *see* Pisk, K. 8-50133
- Ljung, S.** *see* Dzhambusina, M. 8-89762
- Ljung, S.** *see* Ermilova, D.I. 8-62468
- Ljunggren, S.O.** *see* Mjoberg, P.J. 8-55168
- Ljungstrom, E.** *see* Brattas, C. 8-95021
- Llabres, J.** *see* Lora-Tamayo, A. 8-88551
- Llanwyn Jones, D.** The determination of the reflection and transmission coefficients of an inhomogeneous, anisotropic ionosphere at low frequencies using 4×4 matrices 8-53769
- Llaurado, J.G., Madden, J.A., Meade, R.C., Smith, G.A.** Distribution of thallium-201 injected into rats following stress: imaging, organ to plasma uptake ratios, and myocardial kinetics 8-65114
- Llewellyn, E.J., Long, B.H.** The OH Meinel bands in the airglow—the radiative lifetime 8-61643
- Llewellyn, E.J., Long, B.H., Solheim, B.H.** The quenching of OH* in the atmosphere 8-65447
- Llewellyn, E.J., Solheim, B.H.** The excitation of the infrared atmospheric oxygen bands in the nightglow 8-65448
- Llewellyn Smith, C.H.** Neutrino reactions 8-82202
- Llewellyn Smith, C.H., Wolfram, S.** Positivity constraints on quark and gluon distributions in QCD 8-74205
- Llinares, C.** *see* Charfi, F. 8-75785
- Llopis, J., Piqueras, J., Bru, L.** Cathodoluminescence from slip planes in deformed MgO 8-56525
- Llorens, R.E.** The compression of thick-walled tubes by external pressure 8-59316
- Lloret, A.** *see* Baland, J.F. 8-93911
- Lloyd, D.R.** *see* Gyorffy, B.L. 8-95683
- Lloyd, E.K.** *see* Murray, J. 8-95683
- Lloyd, G.J., Martin, J.W.** The initial yield stress of Cu-SiO₂ single crystals between 77K and 1200K 8-76720
- Lloyd, J.** *see* Copperthwaite, R.G. 8-56029
- Lloyd, J.** *see* Forino, A. 8-78220
- Lloyd, J.N.** *see* Bhagat, S.M. 8-68389
- Lloyd, P.** *see* Cragg, D.M. 8-79972
- Lloyd, R.D., McFarland, S.S., Atherton, D.R., Bruenger, F.W., Taylor, G.N., Mays, C.W.** Early retention of ²³⁷Pu + ²³⁹Pu in mature beagles 8-96095
- Lloyd Evans, T.** The open cluster NGC 6383 8-93342
- Lo, C.F.** Tunnel interference assessment by boundary measurements 8-71403
- Lo, C.Y.** *see* Cheng, H. 8-62341
- Lo, D.S., Johnson, L.H., Honebrink, R.W.** Infrared laser heating for thermoplastic recording 8-71065
- Lo, D.S.** *see* Johnson, L.H. 8-78961
- Lo, K.H., Christensen, R.M., Wu, E.M.** A high-order theory of plate deformation. I. Homogeneous plates 8-63308
- Lo, K.H., Christensen, R.M., Wu, E.M.** A high-order theory of plate deformation. II. Laminated plates 8-63309
- Lo, K.H., Christensen, R.M., Wu, E.M.** Stress solution determination for high order plate theory 8-83248
- Lo, K.Y.** *see* Morris, M. 8-89250
- Lo, M.V.C., Pak, W.L.** Desensitisation of peripheral photoreceptors shown by blue-induced decrease in transmittance of Drosophila rhabdomeres 8-64993
- Lo, S.** *see* Melia, F. 8-74151
- Lo, S.Y., Chang, C.Y.** Classification of weakly interacting particles 8-82138
- Lo, S.-Y.** *see* Malone, M.M. 8-89658
- Lo, T.S.** *see* Acirvos, A. 8-67250
- Lo, W.J., Somorjai, G.A.** Temperature-dependent surface structure, composition, and electronic properties of the clean SrTiO₃ (111) crystal face: Low-energy electron diffraction, Auger-electron spectroscopy, electron energy loss, and ultraviolet photoelectron spectroscopy studies 8-84035
- Lo Cascio, L.** *see* Ferrante, G. 8-50476
- Lo Forti, R.** *see* Cavallaro, A. 8-57109
- Lo I Yin, Seltzer, S.M.** The Lixscope: a pocket-size X-ray imaging system 8-92701
- Lo Nigro, S.** *see* Bellini, V. 8-82399
- Lo Russo, S.** *see* Carnera, A. 8-67760
- Lo Vecchio, G.** *see* Carotta, M.C. 8-54307
- Loac, J., Le Floch, M., Johannin, P.** Effect of the hydrostatic pressure on the susceptibility frequency spectrum of polycrystalline Mn-Zn and Ni-Zn ferrites 8-95420
- Lobachev, A.N.** *see* Mininon, Yu.M. 8-80466
- Lobachev, E.A.** *see* Kravtsov, A.V. 8-50046
- Lobachev, M.I., Rabinovich, E.M., Tuchin, V.V.** Simple method of measuring fluctuations in diameter of a laser beam 8-87086
- Lobachevskaya, L.I.** *see* Samokhvalov, A.A. 8-88109
- Lobachevskiy, N.A.** *see* Belyi, V.V. 8-73569
- Lobankov, V.M.** *see* Zhuvagin, I.G. 8-93002
- Lobanov, A.N.** *see* Basov, N.G. 8-50799
- Lobanov, B.D., Khulugurov, V.M., Parfanovich, I.A.** F-aggregate centres in LiF-Li₂O crystals 8-64394
- Lobanov, E.A., Lyamov, V.E., Solodov, I.Yu.** Variation of the phase velocity and structure of a finite-amplitude surface acoustic wave in solids 8-95219
- Lobanov, F.I., Opasova, R.G., Savostina, V.M.** Photometric determination of titanium (III) and (IV) when present together 8-61102
- Lobanov, N.N.** *see* Golovashkin, A.I. 8-88055
- Lobanov, V.P.** *see* Sagarad, V.V. 8-85048
- Lobarev, E.N.** *see* Buzaneva, E.V. 8-84301, 8-84307
- Lobb, R.C.** The effect of iodine vapour on creep rupture properties of nitrided 20% Cr/25% Ni/Nb/1.5 Ti stainless steel 8-72814
- Lobel, R.** Final year project. Identification of flow-type using heated thin films 8-90846
- Lobelle, M.** *see* Delogne, P. 8-53675
- Lobko, V.V.** *see* Knyazev, I.N. 8-66614
- Lobkov, V.S.** *see* Shtyrkov, E.I. 8-66861
- Lobkova, N.A.** *see* Il'in, L.A. 8-63304
- Lobkova, N.V.** *see* Pepinov, R.I. 8-95175
- Lobner, K.E.G.** Strange shapes of accidental coincidences 8-86755
- Lobner, K.E.G.** *see* Evers, D. 8-74385
- Lobo, L.Q.** *see* Lewis, K.L. 8-75836
- Lobo, R.** *see* Hipolito, O. 8-49761
- Loboda-Cackovic, J.** *see* Cackovic, H. 8-76658
- Loboda-Cackovic, J.** *see* Hosemann, R. 8-75712
- Lobova, T.A.** *see* Zelikman, A.N. 8-53018
- Lobova, V.M.** *see* Bumarskova, N.A. 8-95819
- Lobsiger, W., Weber, H.** Active and passive mode-locking of long Nd-YAG-laser resonators 8-50832
- Loburets, A.T.** *see* Vedulo, Yu.S. 8-91539
- Lobzanidze, V.N.** *see* Korchagin, V.S. 8-85031
- Locatelli, J.D.** *see* Baynton, H.W. 8-61594
- Locatelli, J.D.** *see* Hobbs, P.V. 8-81307
- Lochak, G.** Hidden parameters, hidden probabilities 8-54244
- Locher, M.P., Mizutani, T.** The use of analyticity in nuclear physics 8-89835
- Lochet, J.** An electronic setting comparator with direct viewing 8-86354
- Lochmann, W.J.** Materials problems in coal gasification and liquefaction 8-53012
- Lochner, K., Bassler, H., Tiek, B., Wegner, G.** Photoconduction in polydiacetylene multilayer structures in single crystals. Evidence for band-to-band excitation 8-80024
- Locis, A.L.** *see* Hansen, J.E. 8-69440
- Lock, B.F.** *see* Van Genderen, J.L. 8-77372
- Lock, G.S.H.** *see* Maczawa, S. 8-94728
- Lock, J.A.** Scattering from a bound target in the Faddeev approach. III. Neutron scattering from protons in heavy hydrocarbons in the eV region 8-54728
- Lock, J.A.** *see* Foldy, L.L. 8-78113
- Lock, J.L.** *see* Guest, A. 8-86881
- Locke, D.P.** Impurity vacancy 'molecules' in solid ⁴He 8-79853
- Locke, E.V.** High power CW CO₂ lasers and their applications 8-79026
- Locke, M.C.** *see* Polidan, R.S. 8-89226
- Locker, R.J.** *see* McCreight, L.R. 8-85398
- Lockhart, I.A., Goss, W.M.** High-resolution mapping of the H I absorption lines in the direction of NGC 2024, Orion A, M17 and W49 8-81667
- Lockhart, N.C., Snaith, J.W.** Apparatus for dielectric measurements on fluids and dispersions 8-93725
- Lockman, F.J., Brown, R.L.** The analysis of radio emission from H II regions: consequences of improper analytic methods 8-54000
- Lockman, W., Meyer, T., Rander, J., Poster, R., Schlein, P., Webb, R., Zsembury, J., Michau, J.C.** Production of multipion systems with large longitudinal momentum at the CERN intersecting storage rings 8-82254
- Lockner, T.R., Kusse, B.R.** Intense relativistic electron-beam trajectories and their effect on beam heating of toroidally confined plasma 8-63572
- Lockwood, A.H.** *see* Lanir, M. 8-88308
- Lockwood, D.J.** *see* Heilmann, I.U. 8-56472, 8-79691
- Lockwood, D.J.** *see* Johnstone, I.W. 8-56474
- Lockwood, D.J.** *see* Murray, A.F. 8-60434, 8-76479
- Lockwood, D.J.** *see* Taylor, W. 8-92079
- Lockwood, F.C., Shah, N.G.** Evaluation of an efficient radiation flux model for furnace prediction procedures 8-93689
- Lockwood, G.W.** Analysis of photometric variations of Uranus and Neptune since 1953 8-85901
- Lockwood, J.G., Saltzman, B.** Comments on 'Global mass and energy requirements for glacial oscillations and their implications for mean ocean temperature oscillations' [and Reply] 8-81351
- Loczy, L.** *see* de see de Loczy, L.
- Lodder, J.J.** Comment on 'Blackbody spectrum and the interpretation of quantum theory' 8-54130
- Lodding, A., Larsson, S.J., Odell, H.** Secondary ion mass spectra of apatites 8-68965
- Loder, J.W., Garrett, C.** The 18.6-year cycle of sea surface temperature in shallow seas due to variations in tidal mixing 8-73387
- Loder, T.C., Lyons, W.B., Murray, S., McGuinness, H.D.** Silicate in anoxic pore waters and oxidation effects during sampling 8-61394
- Lodge, E.D.** The manufacture of replicated Schmidt corrector plates 8-66966
- Lodha, N.** *see* Saxena, N.S. 8-87803
- Lodhi, A.S.** *see* Chau, E.K.L. 8-63537
- Lodhi, M.A.K., Waak, B.T.** Semiempirical formulas for single-particle energies of neutrons and protons 8-78235
- Loeb, H.W.** *see* Freisinger, J. 8-75381, 8-86388
- Loeb, H.W.** *see* Groh, K.H. 8-87533
- Loebinger, F.K.** *see* Singh, J. 8-93910
- Loef, J.J.** *see* van see van Loef, J.J.
- Loef, J.J.** *see* Van Loef, J.J.
- Loeffler, E.** *see* Lewandowski, Z. 8-70518
- Loeffler, K.** *see* Esposito, F.P. 8-91658
- Loegel, B.** *see* Berrada, A. 8-52106
- Loehrke, R.I., Day, W.J.** Performance characteristics of several EHD heat pipe designs 8-87241
- Loenicker, E.** *see* Kleckner, H. 8-88733
- Loeschke, H.H.** *see* Luttmann, A. 8-85409
- Loeschke, I.** *see* Richter, K. 8-84992
- Loew, E.R., Lythgoe, J.N.** The ecology of cone pigments in teleost fishes 8-69041
- Loew, G.H., Kirchner, R.F.** Semiempirical calculations of model deoxyheme. Variation of calculated electromagnetic properties with electronic configuration and distance of iron from the plane 8-53324
- Loewen, E.G., Nevire, M.** Simple selection rules for VUV and XUV diffraction gratings 8-55435
- Loewen, E.G., Nevire, M., Maystre, D.** On an asymptotic theory of diffraction gratings used in the scalar domain 8-66910
- Loewenhaupt, M., Hoenig, H.E.** Neutron spectroscopy of 0.6 meV crystal field transitions in doped superconductors 8-67991
- Loewenhaupt, M., Holland-Moritz, E.** Magnetic neutron scattering on TmSe 8-68164
- Loewenschuss, A.** *see* Barak, H. 8-86876
- Loewenschuss, A.** *see* Givan, A. 8-55171, 8-74798, 8-78706, 8-86869, 8-90170
- Loewenstein, M., Borucki, W.J., Savage, H.F., Borucki, J.G., Whitten, R.C.** Geographical variations of NO and O₃ in the lower stratosphere 8-73438
- Loewenstein, M., Starr, W.L., Murcray, D.G.** Stratospheric NO and HNO₃ observations in the northern hemisphere for three seasons 8-81288
- Loewenstein, R.F.** *see* Kleinmann, S.G. 8-54009
- Loewenstein, R.F.** *see* Thronson, H.A., Jr. 8-69853
- Loewenstein, W.B., Sehgal, B.R.** Realities of utilizing thorium-based fuels in LWRs and LMFBs 8-86624
- Loewenstein, W.R., Kanno, Y., Socolar, S.J.** Quantum jumps of conductance during formation of membrane channels at cell-cell junction 8-73145
- Loferski, J.J.** *see* Kozanecki, A. 8-92131
- Loffler, H., Kabisch, O., Kroggel, R.** About a relation between microhardness and the average radius of the Guinier-Preston zones in Al-Zn alloys 8-95811
- Loffler, H.** *see* Bossac, H. 8-84766
- Loffler, H.** *see* Jurgens, G. 8-64522
- Loffler, H.** *see* Simmich, O. 8-75832
- Loffler, H.** *see* Werner, C. 8-73489
- Loffler, M.** *see* von Egid, T. 8-66215
- Loffler, W.** Optoelectronic joining technique 8-63191
- Loifstedt, L.** An apparatus for generating controlled ramp movements during studies of muscle spindle afferent activity and muscle tone in man 8-77121
- Lofthouse, J.H., Bennett, G.T.** Extended arrays for marine seismic acquisition 8-77340
- Lofton, C.P., Swartz, W.E., Jr.** An Auger electron spectroscopic study of the diffusion of sulfur, carbon, and chlorine in powdered titanium 8-51735
- Lofton, C.P., Swartz, W.E., Jr.** Auger and X-ray photoelectron spectroscopic depth profiling techniques applied to ultra-thin titanium films 8-91573
- Log, M.M.T.** Two-photon adiabatic inversion 8-78763
- Logachev, Yu.A., Moizhes, B.Ya.** Phase transition in a solid solution with noncentral impurities (Pb_{1-x}Ge_xTe) 8-60408

- Logachev, Yu.A.** *see* Zhukova, T.B. 8-88264
Logachev, Y.I. *see* Kurt, V.G. 8-77446
Logachev, Yu.I. *see* Vakulov, P.V. 8-69624
Logachev, Yu.I. *see* Zel'dovich, M.A. 8-69769
Logan, B.A. A source of 4.43-MeV γ rays [for undergraduate laboratory] 8-77648
Logan, B.A. *see* Pisk, K. 8-50133
Logan, B.G., Mirin, A.A., Rensink, M.E., Fowler, T.K. Calculation of the Q-factor in a nuclear fusion reactor with tandem mirrors 8-74466
Logan, B.G. *see* Hammer, D.A. 8-51334
Logan, D. *see* Miller, J.M. 8-50220
Logan, J.A. *see* Prather, M.J. 8-93144
Logan, J.D. The determination of voltage in exploding-foil experiments 8-71515
Logan, J.S. *see* Maurer, J.L. 8-72907
Logan, R.A. *see* Henry, C.H. 8-72246, 8-95346
Logan, R.A. *see* Merz, J.L. 8-63128
Logan, R.A. *see* Miller, R.C. 8-50788
Logan, R.A. *see* Narayanamurti, V. 8-95273
Logan, R.A. *see* Shelton, J.C. 8-87168
Logan, R.A. *see* Tsang, W.T. 8-66823
Logan, R.A. *see* Tsui, D.C. 8-60230
Logan, R.K. *see* Kogitz, S. 8-70320
Logdstrom, G. *see* Wijik, G. 8-81153
Logginov, A.S. *see* Ivanov, L.P. 8-76283
Logina, L.A. *see* Mitsa, V.M. 8-63159
Loginov, A.A., Popov, V.A. Tensor structure of electrostatic interaction Hamiltonian in the Hubbard representation. Applications to magnetically ordered crystals 8-76216
Loginov, A.P. *see* Gnatovskii, A.V. 8-50940, 8-78909
Loginov, A.P. *see* Volyar, A.V. 8-59148
Loginov, A.V. *see* Kishinevskiy, M.Kh. 8-83368
Loginov, N.A. *see* Golubev, S.A. 8-71613
Loginov, O.P. *see* Gnatovskii, O.V. 8-90442
Loginov, O.P. *see* Volyar, A.A. 8-83081
Loginov, V.A. *see* Bakut, P.A. 8-78933
Loginov, V.M. *see* Shapiro, V.E. 8-49770
Loginov, Yu.E. *see* Alexeev, V.L. 8-54721
Loginova, R.G. *see* Alyabina, N.A. 8-95354
Logmans, H. *see* Breed, D.J. 8-52322
Logofetova, K.G. *see* Gradinarsky, E.T. 8-60896
Logothetis, E.M. *see* Laud, K.R. 8-91694
Logsdon, J.E. *see* Rowe, W.D. 8-53526
Logunov, A.V., Petrushin, N.V., Khatsinskaya, I.M. Solution temperature of hardening intermetallic phases in heat-resistant nickel alloys 8-52865
Logunov, A.V. *see* Kovalev, A.I. 8-68009
Logunova, V.A. *see* Sokolov, I.B. 8-76725
Loh, E. Modern production methods in manufacturing optical components 8-50960
Loh, K.W. *see* Kornreich, P.G. 8-64480
Lohiya, D. Trace anomalies in a two-dimensional de Sitter metric and black-body radiation 8-65841
Lohmann, A.W. Two pupil synthesis of optical transfer functions 8-58919
Lohmann, A.W. Three-dimensional properties of wave-fields 8-71009
Lohmann, W. Escape velocity and mean velocity in star clusters and galaxy clusters 8-53995
Lohmann, W. *see* Grassler, H. 8-62466
Lohne, O. *see* Boe, A. 8-78912
Lohnert, H. *see* Amenda, W. 8-54923
Lohneysen, H. *see* von Lohneysen, H.
Lohoue, N. *see* Baldi, P. 8-62047
Lohr, B. *see* Besch, H.J. 8-93893
Lohr, L.L., Jr. A possible transition state for the $H_2 + D_2$ exchange reaction 8-60995
Lohrmann, E. *see* Alexander, G. 8-74251, 8-89766
Lohse, E. *see* Alblow, M.G. 8-58214
Lohse, F. Chemical structure principles of Duroplast 8-75584
Lohse, F., Reuter, G., Spaeth, J.M. Optical investigation of atomic hydrogen centres in alkali chlorides doped with I^- or Br^- 8-88351
Lohneysen, H. *see* Riblet, G. 8-56253
Loi, F.T. *see* Grundy, P. 8-63313
Loiaconi, O. *see* Chiabrera, A. 8-56956
Loiacono, G.M., Delfino, M., Smith, W.A. Specific heats of NdP_2O_{14} and PrP_2O_{14} near their ferroelastic phase transitions 8-63863
Loiacono, G.M., Osborne, W.N. Crystal growth from solution using cylindrical seeds 8-60556
Loibl, B. A new method of determining pivot errors of meridian circles 8-53822
Loibl, B. The space distribution of late type giants in the nuclear bulge of the Galaxy as represented by an ellipsoidal density model 8-86009
Loibl, B., Schroder, R., Haug, U. UVV photometry in the nuclear bulge of the Galaxy 8-53926
Loidl, A., Daubert, J., Mullner, M. Elastic constants in RbI, determined in inelastic neutron scattering 8-79659
Loiko, A.E. *see* Ivakin, B.A. 8-66624
Loireau-Lozac'h, A.M. *see* Guittard, M. 8-80504
Lois, L. *see* Belyy, V.V. 8-73569
Loiseau, B. *see* Lacombe, M. 8-70455
Loiseaux, J.M. *see* Buenerd, M. 8-62564
Loiselle, J.T. Fiber-optic light source 8-63163
Lokaj, P., Pantoflick, J. Gas dye lasers 8-79016
Lokaj, P., Pantoplicek, J. Measuring subpicosecond relaxation times 8-78838
Lokanathan, S. *see* Chandra, R. 8-80263
Lokhande, N.R., Chetal, A.R. Extended fine structure of copper K-absorption discontinuity in the metal and in its alloy with antimony 8-76556
Lokhande, N.R., Sarode, P.R., Chetal, A.R. L_{III} absorption discontinuity of lutetium 8-76557
Lokke, W.A. *see* Post, D.E. 8-83534
Lokshin, M.M. *see* Lysenko, V.S. 8-72272, 8-88488
Loktev, V.M. *see* Gaididei, Yu.B. 8-84442
Loktev, V.M. *see* Gajdidei, Ju.B. 8-76317
Lolich, J., Abbate, M. Measurement and calculation of leakage neutron spectrum in light water 8-62592
Loll, P., Delhaes, P., Pacault, A., Pierre, A. Existence diagram and properties of carbon-carbon composites 8-64517
Lolley, R.N. *see* Farber, D.B. 8-64997
Lomaev, G.V. Magnetic noise method in non-destructive inspection of ferromagnetics 8-72997
Lomakin, A.V., Noskin, V.A. Possibility of studying periodic conversions in solutions of biological systems using the method of optical mixing 8-96029
Lomakin, B.N. *see* Bushmen, A.V. 8-71434
Lomakin, G.S. *see* Bikhbaev, N.Kh. 8-72599
Lomakin, L.A. *see* Osharov, V.I. 8-60993
Lomakin, S.S. *see* Garapov, E.F. 8-82410
Lomakin, V.A., Tunguskova, Z.G. Statistical methods in polymer mechanics (current status and future aspects) 8-67031
Lomakin, Yu.F. *see* Amaglobeli, N.S. 8-54652
Lomakin, Yu.F. *see* Bairamov, A.A. 8-78422
Lomakina, G.A., Vodakov, Yu.A., Mokhov, E.N. Piezoresistance of α -SiC doped with B, Be and Ga 8-60129
Lomakina, G.A. *see* Vodakov, Yu.A. 8-59983, 8-87942
Lomako, V.M. *see* Betokhin, S.S. 8-86333
Lomako, V.M. *see* Kolchenko, T.I. 8-67736, 8-76069
Loman, H. *see* Lafleur, M.V.M. 8-68994
Lomanov, Yu.P. *see* Ermakov, A.G. 8-65425
Lomas, P.J. *see* Axon, K.B. 8-67376
Lombard, A. Geological profile of the south flank of the Mole (Haute-Savoie, France) 8-69348
Lombard, R.J. *see* Auger, J.P. 8-78252
Lombard, R.J. *see* Auger, J.P. 8-93977
Lombard, R.M., Escudie, J.L., Soyev, M. Distorted-wave Born approximation and coupled channel analyses of low-energy polarized proton scattering on ^{24}Mg 8-82287
Lombardi, J.R. *see* Gottscho, R.A. 8-70857
Lombardi, M. *see* Bruno, M. 8-82554
Lombardi, M. *see* Freund, R.S. 8-50598
Lombardi, M. *see* Stoekel, F. 8-50643
Lombardi, R. *see* Schmid, R. 8-80990
Lombardi, R. *see* Zambarbieri, D. 8-80870
Lombardini, P.P. *see* Bonino, G. 8-53728
Lombardini, P.P. *see* Cini, R. 8-67206
Lombos, B.A. *see* Fau, C. 8-55862
Lomer, J.N., Welbourn, C.M. EPR studies of type IIa diamond electron irradiated at liquid nitrogen temperature 8-76310
Lomilina, L.E. The effect of relief on glaze-ice and rime deposition 8-61525
Lomnitz, C. *see* Garza, T. 8-65395
Lomnitz-Adler, J. *see* Di Toro, M. 8-78294
Lomon, E. Is the D state of the deuteron about 4%? 8-70461
Lomonosov, M.I., Oganyan, A.E., Cherkasova, K.P. Variational principles and the virial theorem in quantum scattering theory 8-54231
Lomonosov, V.V., Malov, Yu.A., Smilga, V.P. On the possibility of raising superconductor critical temperature 8-84337
Lomonosov, V.V. *see* Zaretskii, D.F. 8-55249, 8-92138
Lomonova, E.E. *see* Aleksandrov, V.I. 8-88312
Lomovitskii, A.V., Ryabtsev, A.P., Frumkis, L.S. A circuit for selecting signals in a specified phase range [in nondestructive test equipment] 8-56863
Lompre, L.A., Mainfray, G., Manus, C., Thebault, J. Resonant multiphoton ionization of caesium atoms by ultra-short laser pulses at $1.06\ \mu\text{m}$ 8-58630
Lompre, L.A., Mainfray, G., Manus, C., Thebault, J., Farkas, Gy., Horvath, Z. A new effect in multiphoton photoeffect of a gold surface induced by picosecond laser pulses 8-80452
Lomsadze, Yu.M. Generalization of von Neumann's theorem on irreducible measurements in the quantum theory of fields. I 8-62115
Lomsadze, Yu.M. Generalization of von Neumann's theorem on irreducible measurements in quantum field theory. II 8-73888
Lomsadze, Yu.M., Keleman, V.I. Strengthening of the axiomatic lower bound for πN forward scattering amplitudes 8-78211
Lomsadze, Yu.M., Sabad, E.P. Nonlocal quantum field theory in the Bogoljubov axiomatic approach. I. Necessary classes of generalized functions 8-54571
Lomsadze, Yu.M., Sabad, E.P. Nonlocal quantum field theory in the Bogoljubov axiomatic approach. II. Global axioms and δ -functional 8-54572
Lomsadze, Yu.M. *see* Kelemen, V.I. 8-58190
Londer, Y.I. *see* Kostylev, A.A. 8-71606
Londer, Ya.I. *see* Kostylev, A.A. 8-79490
Lone, A.G. *see* Jain, M.K. 8-90627
Long, B.H. *see* Llewellyn, E.J. 8-61643, 8-65447
Long, C.J. Interactions between conductor strain and other magnet system design parameters 8-50377
Long, C.J. *see* Schwall, R.E. 8-62641
Long, D. *see* Liu, S.T. 8-49901
Long, D.A. *see* Brassington, N.J. 8-94254
Long, D.A. *see* Caville, C. 8-56487
Long, D.A. *see* Chadwick, B.M. 8-61033
Long, D.A. *see* Edwards, H.G.M. 8-94252, 8-94253
Long, E.L. *see* Krautwasser, P. 8-86594
Long, F.M. Animal biotelemetry studies, historical perspectives and recent applications 8-69266
Long, G.J. *see* Foner, S. 8-72345
Long, G.M. The unspecified role of cones and rods in grating detection: a theoretical note 8-92626
Long, J.W. *see* Christiansen, J.P. 8-75401
Long, K.S. *see* Kestenbaum, H.L. 8-57607
Long, L.T. *see* Jones, F.B. 8-65185
Long, N.J.T. *see* Huie, R.E. 8-62848, 8-94277
Long, P.E. *see* Dungan, M.A. 8-77209
Long, P.E. *see* Pepper, D.W. 8-85655
Long, R. *see* Hasselmann, K. 8-81418
Long, R.K. *see* Nordstrom, R.J. 8-92975
Long-yi Tsai *see* Schmitt, K. 8-57820
Longacre, R.S., Lasinski, T., Rosenfeld, A.H., Smadja, G., Cashmore, R.J., Leith, D.W.G.S. K-matrix fits to $\pi N \rightarrow N\pi$ and $\pi N \rightarrow N\pi\pi$ in the resonance region $\sqrt{s}=1.3$ to $2.0\ \text{GeV}$ 8-66151
Longair, M.S. The nature of the unidentified high latitude radio sources 8-57672
Longair, M.S. *see* Laing, R.A. 8-54067, 8-77613
Longanecker, G.R. *see* Boggess, A. 8-96383
Longanecker, G.W. *see* Boggess, A. 8-96382
Longenbaugh, R.A. *see* Krishnamurthi, N. 8-81243
Longeon, R. *see* Jablon, C. 8-59609
Longequene, J.P. *see* Koang, D.H. 8-74388
Longhi, A. *see* Moir, J. 8-51005
Longhi, G. *see* Dominici, D. 8-86426
Longhouse, R.E. Control of tip-vortex noise of axial flow fans by rotating shrouds 8-90593
Longinotti, L.D. *see* Schmidt, P.H. 8-93783
Longland, P., Moulson, A.J. The growth of α - and β - Si_3N_4 accompanying the nitriding of silicon powder compacts 8-95717
Longman, G.W. *see* Ballard, D.G.H. 8-63680
Longmore, A.J., Hawarden, T.G., Webster, B.L., Goss, W.M., Mebold, U. Two new dwarf galaxies in the Local Group: UKS 1927-177 and UKS 2323-326 8-65697
Longmore, A.J. *see* Allen, D.A. 8-81687
Longo, E. *see* Amaldi, E. 8-78222
Longo, F.R. *see* Rudolph, M.J. 8-91459
Longo, G., Saporetto, F., Guidotti, R. Interference between dipole and quadrupole radiative capture of fast nucleons 8-93994
Longo, G. *see* Saporetto, F. 8-62536
Longo, J.T., Olsen, D.E., Andrews, A.M., Tracy, J.M., Wang, C.C. Recent developments in intrinsic semiconductor detectors [automated data acquisition] 8-77991
Longo, M. *see* Oliver, W.P. 8-89857
Longo, M.J. *see* DeHaven, C.E., Jr. 8-82244
Longo, R. *see* Fisher, H.D. 8-78468
Longo, V., Podda, L. Phase equilibrium diagram of the ternary system CaO-MgO-CeO_2 between 1700° and 1200°C 8-92248
Longo, V. *see* Minichelli, D. 8-83796
Longoni, A. *see* Bosi, L. 8-92115
Longoni, S., Paladin, G., Sacchi, L. Digital communication systems over optical cables for medium and long distances 8-50941
Longworth, R.C. Concepts for cooling small superconducting devices using closed-cycle regenerative refrigerators 8-93698
Longuemard, J.P. In situ measurements of the amplitude of reflected and scattered waves from marine sediments. Application to the in situ determination of granulometric modes 8-92815
Longuemare, C. *see* Krenz, W. 8-54624
Longworth, G., Jain, R. Mossbauer effect study of iron implanted silver alloys as a function of dose and annealing temperature 8-52397
Longworth, G. *see* Dunlop, J.B. 8-95534
Lonke, A. Coherent states and stochastic formulation of quantum mechanics 8-57810

- Lonnée, J.E.** *see* Frey, M.L. 8-84879
- Lonngrén, K.E.,** Reddy, S.M. The transient penetration of an electric field into a weakly conducting layer with an induced conductivity gradient 8-84525
- Lonnroth, T.,** Fant, B. Spin and parity assignments of states in ^{207}Bi with $J \leq 21/2$ 8-89788
- Lonnroth, T.,** Vegh, L., Wikström, K., Fant, B. High-spin states in ^{206}Bi populated in the $^{205}\text{Tl}(\alpha, n)$ reaction 8-82368
- Lonsdale, D.,** Flewitt, P.E.J. Relationship between minimum creep rate and time to fracture for $2\frac{1}{4}\%$ Cr-1% Mo steel 8-56759
- Lonsdale, D.,** Flewitt, P.E.J. The effect of hydrostatic pressure on the minimum creep rate and time to failure of α -iron 8-92306
- Lonsdale, T.D.,** Whitaker, A. Phase equilibria in the system $\text{CdO-B}_2\text{O}_3\text{-SiO}_2$ at 800°C 8-68675
- Lonshakov, N.P.** *see* Kalinin, N.S. 8-93648
- Lonskii, E.S.** Transmission of a light through a transparent biaxial crystal plate 8-95573
- Lont, M.A.** *see* Van Elst, H.C. 8-68807
- Loon, F.J.J.** *see* Van Loo, F.J.J.
- Loof, H.** The new Zeiss DMC 26 universal colorimeter 8-54432
- Looi, E.C.,** Stryland, J.C., Welsh, H.L. Pressure shifts in the vibrational Raman spectra of hydrogen and deuterium, 315-85K 8-78703
- Look, D.C.** On the characterization of semi-insulating GaAs by Hall, photo-Hall, photoconductivity and photomagnetolectric measurements 8-68051
- Look, D.C.** Infrared spectral detectivity of Cr-doped GaAs 8-70184
- Look, D.C.** Exhibit of the effects of substrate reflectance and medium depth in a two-dimensional, multiple scattering experiment 8-87011
- Look, D.C.** *see* Almasy, R.J. 8-72248
- Loomer, E.I.** Annual report for magnetic observatories-1975. [Canada] 8-61323
- Loomis, B.A.,** Gerber, S.B., Busch, D.E. Reduction of void number density and size in ion-irradiated Ti-coated Nb 8-51600
- Loomis, J.** *see* Bernal, G., E. 8-58021
- Loomis, J.M.** Lateral masking in foveal and eccentric vision 8-56993
- Loomis, J.M.** Complementary afterimages and the unequal adapting effects of steady and flickering light 8-69083
- Loomis, W.A.** *see* Gordon, B.A. 8-82216
- Loon, P.** *see* Van Loo, P.
- Looney, W.B.** *see* Kovacs, C.J. 8-53454
- Loong, C.-K.** *see* Stassis, C. 8-68151
- Loop, M.S.,** Bruce, L.L. Cat color vision: the effect of stimulus size 8-69076
- Loop, M.S.** *see* Harthine, P.H. 8-69054
- Loopstra, B.O.,** Brandenburg, N.P. Uranyl selenite and uranyl tellurite 8-51490
- Loor, G.P.** *see* De Loo, G.P.
- Loore, C.** *see* de Loore, C.
- Loos, J.S.,** Dawson, S.L. Electromagnetic show-ers at high energy 8-65737
- Loos, J.S.** *see* Lamsa, J.W. 8-54658
- Loose, P.,** Betzler, K., Bauerle, D., Kapphan, S. Rayleigh scattering near the paraelectric-ferroelectric phase transition in BaTiO_3 8-76486
- Loose, P.** *see* Betzler, K. 8-63152
- Lopac, V.,** Paar, V. Even Zn isotopes in the cluster-vibration model 8-54708
- Lopantseva, G.B.,** Pal, A.F., Persiantsev, I.G., Starostin, A.N. Instability of the non-self-sustained discharge in mixtures of molecular gases with argon 8-71612
- Lopasov, V.P.,** Toropov, A.K. Metrological support problems for measurements of spectral characteristics of lasers in laser spectroscopy 8-89555
- Lopasov, V.P.** *see* Godlevskii, A.P. 8-49911
- Lopata, V.J.** *see* Dixon, R.S. 8-74672
- Lopatin, V.N.,** Sidko, F.Ya. Effect of the shell on the attenuation and scattering of light by spherical three-layer particles as models of cells 8-82913
- Lopatin, V.N.** *see* Sid'ko, F.Ya. 8-68932
- Lopatin, Yu.V.** *see* Efimov, I.A. 8-66338
- Lopatina, G.B.** *see* Kuznetsov, S.N. 8-69614
- Lopatnikov, S.L.,** Namiot, V.A. On the interaction of macromolecules injected in a liquid crystal 8-78848
- Lopatnikov, V.I.** Problems on magnetostatics in electrodynamics of the sea 8-77259
- Lopatnikov, V.I.** Electromagnetic phenomena accompanying movement of the current fairing in sea water 8-77361
- Lopatowa, H.** *see* Engel, Z. 8-55556
- Loper, D.E.** The gravitationally powered dynamo 8-77199
- Lopes, J.L.,** Party, M. (editor) Quantum Mechanics, a Half Century Later 8-54233
- Lopes, J.S.,** Jesus, A.P., Ferreira, G.P., Gil, F.B. X-ray production in Ca, Sc, Ti, V, Cr, Mn and Fe by protons of 0.5-2 MeV energy 8-66646
- Lopes Da Silva, J.** Radioluminescence of organic media: study of the specific luminescence of condensed aromatic scintillators 8-52574
- Lopez, A.** *see* Wio, H.S. 8-52193
- Lopez, A.M.** *see* Mohindra, V.K. 8-82492
- Lopez, C.** Two-pion contribution to the muon anomaly 8-66181
- Lopez, C.,** Yndurain, F.J., Garcia, N. Iterative series for calculating the scattering of waves from a hard corrugated surface 8-89355
- Lopez, C.A.** Splitting in energy and splitting in angular momentum of the classical field of a radiating point charge 8-69996
- Lopez, F.J.** *see* Cusso, F. 8-59833
- Lopez, H.** *see* Smith, S.W. 8-69169
- Lopez, M.C.** *see* Gutierrez, C. 8-56170
- Lopez, M.P.,** Sancho, J.M.L. Interaction of methane with polycrystalline tungsten 8-92511
- Lopez, V.,** Macias, A., Riera, A., Yanez, M., Piacentini, R.D. Molecular treatment of elastic and double charge-exchange He^{2+} -He collisions 8-82813
- Lopez-Delgado, R.** Comments on the application of synchrotron radiation to time-resolved spectrofluorometry 8-65978
- Lopez-Delgado, R.** *see* Ghelfenstein, M. 8-78766
- Lopez-Escobar, A.H.M.** *see* Brown, J.S. 8-84189
- Lopez-Otero, A.** Hot wall epitaxy 8-52678
- Lopez-Otero, A.** *see* Bauer, G. 8-79720
- Lopez-Otero, A.** *see* Schaber, H. 8-52475, 8-64349
- Lopez-Rios, T.,** Abeles, F., Vuye, G. Splitting of the Al surface plasmon dispersion curves by Ag surface layers 8-60178
- Lopoukhine, M.** *see* Bosch, B. 8-69314
- Lopukhin, V.A.,** Shelest, D.K. Optimal precision synthesis of instrument blocks 8-70092
- Lopukhin, V.V.** *see* Bykhovskaya, L.N. 8-51391
- Lopuszanski, J.T.** The spontaneously broken supersymmetry in quantum field theory 8-54582
- Lopuszanski, J.T.** The representations of the Poincaré group in the framework of free quantum fields 8-77772
- Lora-Tamayo, A.,** Dominguez, E., Lora-Tamayo, E., Llabres, J. A new model of the thermal growth of a silicon dioxide layer 8-88551
- Lora-Tamayo, A.** *see* Lora-Tamayo, A. 8-88551
- Loran, D.F.C.** Red (rust) spots in hydrogel contact lenses 8-77151
- Lorant, M.** Gigabit laser communication 8-66860
- Lorant, S.J.** *see* St. Lorant, S.J.
- Lorber, K.** *see* Pella, P.A. 8-69513
- Lord, A.E., Jr.** *see* Wouch, G. 8-61967, 8-72753
- Lord, D.J.** *see* Gregory, C.V. 8-82473
- Lord, G.E.,** Plemons, T.D. Characterization and simulation of underwater acoustic signals reflected from the sea surface 8-50983
- Lord, W.,** Bridges, J.M., Yen, W., Palanisamy, R. Residual and active leakage fields around defects in ferromagnetic materials 8-88595
- Lords, J.L.** *see* Olsen, R.G. 8-69137
- Loree, T.R.,** Clark, J.H., Butterfield, K.B., Lyman, J.L., Engleman, R. Isotope separation in CS_2 : an ArF laser application 8-55211
- Loree, T.R.,** Scott, P.B., Sze, R.C. Spectroscopy and characteristics of a 50 mJ ArF double discharge laser 8-63082
- Lorei, A.A.** *see* Esaev, D.G. 8-66788
- Lorenc, J.,** Ogielski, A., Przystawa, J. Magnetic phase transitions with violation of the Lifshitz criterion 8-80167
- Lorenc, J.** *see* Konwent, H. 8-80299
- Lorenc, M.** *see* Kucera, J. 8-64905
- Lorensen, L.E.** *see* Johnson, W.L. 8-60859
- Lorents, D.C.** Kinetic processes in rare gas halide lasers 8-63098
- Lorents, D.C.,** Hill, R.M., Huestis, D.L., McCusker, M.V., Nakano, H.H. Spectroscopy and kinetics of the 248 and 414 nm bands from electron beam pumped argon-krypton-fluorine mixtures 8-63081
- Lorents, D.C.,** Huestis, D.L., McCusker, M.V., Nakano, H.H., Hill, R.M. Optical emissions of triatomic rare gas halides 8-66558
- Lorents, D.C.** *see* Billen, K.T. 8-78787
- Lorents, D.C.** *see* Edelstein, S.A. 8-63097
- Lorents, D.C.** *see* Zamir, E. 8-63057
- Lorentzen, J.** Nuclear fusion—the future energy source. Construction criteria for fusion reactors 8-74474
- Lorenz, B.** On the magnetic susceptibility of $(\text{Ti}_{1-x}\text{V}_x)_2\text{O}_7$ 8-91850
- Lorenz, D.** *see* van Kaick, G. 8-96072
- Lorenz, E.,** Brookeman, V.A., Mauderli, W. Plastic scintillation filament detector system for $^{14}\text{CO}_2$ breath-analysis tests 8-65122
- Lorenz, E.** *see* Bienlein, J.K. 8-93894
- Lorenz, E.N.** Available energy and the maintenance of a moist circulation 8-57281
- Lorenz, J.** *see* Griffiths, D.F. 8-69989
- Lorenz, L.,** Abel, A. Rare earth metal addition to structural steels 8-52829
- Lorenz, W.J.** *see* Schlegel, W. 8-61275
- Lorenz, W.J.** *see* Staikov, G. 8-68635
- Lorenz, W.J.** *see* Vakinne, R. 8-61252
- Lorenz, W.P.,** O'Keefe, T.J., Sonnino, C.B. Effect of collagen and chloride additions on electrolytic copper deposits 8-51852
- Lorenzelli, V.,** Chauvet, G., Taravel, B. Spectroscopic investigations of metal ions in complexes and biological systems using a preliminary method of vibrational assignment 8-62953
- Lorenzo, J.P.** *see* Davies, D.E. 8-91351
- Lorenzsonn, J.** An optical method for the determination of reorientation times of nematic liquid crystals in magnetic fields 8-91240
- Lorenzutta, S.** *see* Bendinelli, O. 8-93124, 8-93343
- Loret, M.** *see* Ajinenko, I.V. 8-58206
- Loret, M.** *see* Faissner, H. 8-70355
- Loretto, M.H.** *see* Karim, A.S.A. 8-59837
- Loretto, M.H.** *see* Whitehead, M.E. 8-59838
- Loria, A.** *see* Andreotti, G. 8-76857
- Loriers, C.** *see* Bastide, J.P. 8-83973
- Loriers, C.** *see* Bocquillon, G. 8-83940
- Loriers, C.** *see* Epain, R. 8-49849
- Loriers, C.** *see* Leger, J.M. 8-85192
- Loriers, J.** *see* Bocquillon, G. 8-95150
- Loriers, J.** *see* Heindl, R. 8-52306
- Lorimer, G.W.** *see* Sanderson, R.I. 8-84762
- Lorimer, G.W.** *see* Tunney, R.J. 8-64571
- Loring, C.M.** *see* Barber, G.C. 8-62613
- Loring, D.H.** Geochemistry of zinc, copper and lead in the sediments of the estuary and Gulf of St. Lawrence 8-92855
- Loring, D.H.** *see* Sundby, B. 8-92852
- Lorino, H.** *see* Besse, P. 8-81030
- Lorkowski, H.-J.,** Pfeiffer, K., Olschewski, B. On the relation between volume contraction and chemical changes in radical polymerisation 8-61009
- Lormand, G.** *see* Robin, M. 8-68691
- Lornie, P.R.G.,** Kogan, A., Jones, G.D., Nixon, M.R., Price, H.G., Wadsworth, R., Twin, P.J. Gamma-ray studies of the odd-parity states in Zn isotopes. II. Levels below 2.0 MeV in excitation energy in ^{67}Zn 8-62483
- Lornie, P.R.G.** *see* Kogan, A. 8-50120
- Lornie, P.R.G.** *see* Price, H.G. 8-50186
- Lornie, P.R.G.** *see* Simister, D.N. 8-70424
- Lornstad, B.** *see* Albrow, M.G. 8-58214
- Lorquet, J.C.** *see* Galloy, C. 8-58602
- Lorrain, R.** *see* Souchez, R. 8-61447
- Lorre, J.J.** Enhancement of the jets in NGC 1097 8-61922
- Lortz, D.,** Nührenberg, J. Field line integration for MHD equilibria near a closed magnetic field line 8-59651
- Lory, E.R.** *see* Manuccia, T.J. 8-56905
- Los, J.** The dynamics of ion-pair forming collisions 8-66661
- Losabridze, S.I.** *see* Angelov, A.I. 8-71020
- Losch, W.,** Andreoni, I. Grain boundary surface phases observed in temper embrittled high-alloy steels 8-76741
- Losch, W.,** Kirschner, J. Surface composition of polycrystalline Au-Cu alloys as a function of temperature 8-95212
- Losche, A.,** Grande, S. The study of phase transitions in liquid crystals by NMR 8-75820
- Losche, A.** *see* Grande, S. 8-60344
- Losche, A.** *see* Heinze, E. 8-87610
- Losco, L.** New study of the aligned triple collision 8-85832
- Losev, A.P.** *see* Zenkevitch, E.I. 8-64924
- Losev, N.F.** *see* Pan'kova, L.M. 8-61109
- Losev, S.A.,** Makarov, N. Influence of supersonic flow heating on the gain of a carbon dioxide gasdynamic laser 8-82947
- Loseva, G.V.,** Ovchinnikov, S.G., Sokolovich, V.V., Petukhov, E.P. Metal-dielectric phase transition in $\text{Cr}_{1-x}\text{Fe}_x\text{S}$ 8-67942
- Loshagin, A.V.** *see* Smirnov, M.V. 8-86353
- Loshchilov, V.I.** *see* Zasyplin, V.V. 8-69132
- Loshkareva, N.N.** *see* Samokhvalov, A.A. 8-88109
- Loshkareva, N.N.** *see* Tatsenko, O.M. 8-92054
- Loshkareva, N.S.** *see* Kiparisov, S.S. 8-60617
- Loshmanov, A.A.** *see* Achmedzhanov, Z.I. 8-55915
- Loshnikov, G.A.** *see* Shchukin, P.S. 8-72975
- Loskutov, V.V.,** Vorobzhanskaya, E.V., Liberman, Z.A. Structural diagram of compounds ABO_4 8-79548
- Loskutov, Yu.M.,** Skobelev, V.V. Green's functions for spinor and scalar particles in a magnetic field 8-49997
- Lossing, F.** *see* Dick, R. 8-65502
- Losty, M.** *see* Ferrando, A. 8-54650
- Losty, M.J.** *see* Bricean, C. 8-66179
- Losty, M.J.** *see* Gavillet, P. 8-70409
- Losty, M.J.** *see* Gavillet, Ph. 8-89736
- Losty, M.J.** *see* Jongejans, B. 8-78177
- Losty, M.J.** *see* Kluyver, J.C. 8-82233
- Losty, M.J.** *see* Teodoro, D. 8-89767
- Lotem, H.** *see* de Araujo, C.B. 8-87098
- Lotem, H.** *see* Liu, P. 8-83037

- Lotgering, F.K.** *see* van Diepen, A.M. 8-88242
- Loth, C.** *see* Meyer, Y.H. 8-50795
- Lothe, J.**, Al'shits, V.I. Existence criterion for quasibulk surface waves 8-67898
- Lotko, W.**, Murphy, R.D. Theoretical calculation of electrical resistivity in liquid sodium and potassium 8-79974
- Lotkova, E.N.**, Ostrovskaya, L. Ya., Sobolev, N.N. Experimental determination of the saturation parameter of a CW electric-discharge CW laser 8-50762
- Lotmar, W.**, Ulrich, J.G. Balance beams made of glass-ceramics 8-89472
- Lotnik, S.V.** *see* Rafikov, S.R. 8-73068
- Lototskii, A.G.** *see* Grinshtein, P.M. 8-51681
- Lototskii, V.B.** *see* Drapak, Z.T. 8-83984
- Lotrian, J.**, Cariou, J., Guern, Y., Johannin-Gilles, A. Determination of the transition probabilities for $4p^2-4p5s$ and $4p^2-4p4d$ transitions of Ge I in the region 1900-4700 Å 8-74600
- Lotter, G.M.** *see* Qureshi, S. 8-65110
- Lotti, F.** *see* Bruscaioni, R. 8-71181
- Lottici, P.P.** Momentum autocorrelation functions from classical Green's functions. [Teaching] 8-61976
- Lottici, P.P.** *see* Razzetti, C. 8-68505
- Lothner, V.**, Kollmar, A., Springer, T., Kress, W., Bilz, H., Teuchert, W.D. Phonons in β -NbD_{0.75} 8-67792
- Lotto, I.** *De* see De Lotto, I.
- Lotz, R.E.** *see* McDermott, W.E. 8-63116
- Lotz, W.G.**, Michaelson, S.M. Temperature and corticosterone relationships in microwave-exposed rats 8-92676
- Lotze, K.-H.** On quantum electrodynamics in an external gravitational field. I. construction of the S-matrix 8-78116
- Lotze, K.-H.** On quantum electrodynamics in an external gravitational field. II. Discussion of the effects 8-82131
- Lotze, W.** Influence of the shape deviation of taut measuring wires on the uncertainty of the effective diameter measurement of threads 8-77845
- Lotze, W.** Functional gauging for plane and prismatic work pieces by means of multi-coordinate measuring instruments and computer 8-77846
- Lotze, W.**, Hartmann, M.W. To the concept of programmes for the computerised coordinate measurement 8-89432
- Lotzer, W.** Problems in contactless temperature measurement 8-49841
- Lotzer, W.** Electrical temperature measurement: possibilities and trends 8-93681
- Lou, D.** *see* McFarlane, R. 8-71136
- Lou, Y.K.**, Su, T.C. Free oscillations of submergered spherical shells 8-63358
- Lou, Y.S.** On nonlinear droplet condensation and evaporation problem 8-63902
- Louat, R.** *see* Dubois, J. 8-73349
- Loubser, J.H.N.**, van Wyk, J.A. Electron spin resonance in the study of diamond 8-95521
- Loucatos, S.** *see* Hansl, T. 8-74244, 8-89698, 8-89860
- Loucheux-Lefebvre, M.-H.**, Aubert, J.-P., Jolles, P. Prediction of the conformation of the cow and sheep κ -caseins 8-96001
- Loucks, D.P.** *see* Ball, M.O. 8-81245
- Loucks, D.P.** *see* Bialas, W.F. 8-81246
- Loude, J.F.** *see* Alder, J.C. 8-62576
- Loudon, R.** Time-reversal symmetry in light-scattering theory 8-56479
- Loudon, R.** Theory of lineshapes for oblique-incidence Brillouin scattering by acoustic phonons 8-72534
- Louer, D.** *see* Roux, P. 8-83789
- Loughhead, R.W.** *see* Illige, J.D. 8-94027
- Loughhead, R.W.** *see* Wild, J.F. 8-75645
- Loughhead, R.E.**, Bray, R.J. Fourier transforms applied to the contrast profile method of measuring vector magnetic fields 8-53839
- Loughhead, R.E.** *see* Bray, R.J. 8-93181
- Louie, S.G.** Electronic states and adsorbate-induced photoemission structure on the Pd (111) surface 8-60179
- Louie, S.G.**, Cohen, M.L. Dielectric screening and zone-center phonons in Si 8-67785
- Louie, S.G.** *see* Ihm, J. 8-52086, 8-95364
- Louie, S.G.** *see* Kerker, G.P. 8-52050
- Louie, S.G.** *see* Pickett, W.E. 8-52066
- Louis, E.** *see* Verges, J.A. 8-95327
- Louis, J.F.** *see* Shamma, S.E. 8-67316
- Louis, W.C.** *see* Bell, J. 8-54625, 8-93872, 8-93873
- Loumos, G.L.**, Deeming, T.J. Spurious results from Fourier analysis of data with closely spaced frequencies 8-89298
- Loumasma, O.V.** *see* Jacquinot, J.F. 8-91990
- Lounesto, P.** Lie groups of motor integrals of generalized Kepler motion 8-85831
- Lousteau, D.C.**, Hussung, R.O. Design and fabrication of the impurity study experiment (ISX) coils 8-50353
- Louthan, M.R., Jr.** Fault tree technique and failure analysis 8-53071
- Louwrier, P.W.F.**, Buitenhuis, R., Bracke, E., Oostveen, K., Kruijer, A.H., Wisse, J., Lindner, L. A computerized pulse-radiolysis system 8-64862
- Lozas, A.**, Kreis, J. Continuous internal oxidation of Cu-Al alloy wires structural, electrical and mechanical characteristics 8-60761
- Lozas, A.**, Toth, J. Thermodynamic and residual resistance studies of dilute Cu-Au-O solutions 8-59952
- Lozas, A.** *see* Hargitai, C. 8-60314
- Lozas, F.J.** *see* Lafferty, W.J. 8-74647
- Lozas, F.J.** *see* Suenram, R.D. 8-58673
- Lozas, I.** *see* Matveenko, A.V. 8-62557
- Lozas, R.G.** Charge-exchange transitions on neighbouring nuclei in a semi-microscopic model 8-89868
- Lovchikov, V.A.** *see* Evarestov, R.A. 8-72109, 8-86789
- Lovchikova, G.N.**, Kotelnikova, G.V., Salmikov, O.A., Sokolov, Yu.V., Stavinskii, V.S., Trufanov, A.M., Fetisov, N.I. Neutron spectra from the reaction $^{109}\text{Ag}(p,n)^{109}\text{Cd}$ at the proton energies $E_p=6$ and 7 MeV 8-54764
- Lovchikova, G.N.**, Salmikov, O.A., Simakov, S.P., Trufanov, A.M., Zelicher, D., Keizer, E., Pilz, V., Schmidt, D., Streil, T. Neutron spectra from decay of isobar-analogue resonances in reactions $^{109}\text{Ag}(p,n)^{109}\text{Cd}$ and $^{115}\text{In}(p,n)^{115}\text{Sn}$ 8-89841
- Love, A.** *see* Bailin, D. 8-51772, 8-84021
- Love, G.**, Scott, V.D. Evaluation of a new correction procedure for quantitative electron probe microanalysis 8-76950
- Love, G.B.** *see* Essex, E.A. 8-73439
- Love, J.D.**, Winkler, C. Goos-Hanchen shift for leaky rays on step-index waveguides 8-63176
- Love, J.D.**, Winkler, C. A universal tunnelling coefficient for step- and graded-index multimode fibres 8-66922
- Love, J.D.**, Winkler, C. Refracting leaky rays in graded-index fibers 8-79103
- Love, J.D.**, Winkler, C. The effects of material absorption on ray power attenuation in multi-layered optical waveguides 8-83103
- Love, J.D.**, Winkler, C., Sammut, R., Barrell, K. Leaky modes and rays on multimode step-index waveguides—a comparison 8-74979
- Love, J.D.** *see* Winkler, C. 8-87134
- Love, R.E.**, Keck, D.B. Characteristics of optical fiber waveguides 8-59156
- Love, R.E.**, Keck, D.B. Characteristics of optical fiber waveguides 8-79121
- Love, R.H.** Resonant acoustic scattering by swimbladder-bearing fish 8-87183
- Love, S.** A study of gauge properties of the Bethe-Salpeter equation for two-fermion electromagnetic bound state systems 8-78058
- Love, S.T.** *see* Basham, C.L. 8-66045
- Love, W.A.** *see* Etkin, A. 8-89743
- Love, W.F.** *see* Hochheimer, H.D. 8-79769
- Love, W.G.** Double-folding model potential for anomalous large-angle $^4\text{He}+^{40}\text{Ca}$ scattering 8-70551
- Love, W.G.** *see* Satchler, G.R. 8-62566
- Lovelace, C.R.** *see* Stone, F.T. 8-87127
- Lovelace, R.V.** Astron stability against poloidal perturbations 8-83599
- Lovelace, R.V.**, Larrabee, D.A., Fleischman, H.H. A re-analysis of exponential rigid-rotor astron equilibria 8-67395
- Lovelace, R.V.** *see* Chen, J. 8-89593
- Lovelady, D.L.** Iterative maximization subject to stochastic constraints 8-57757
- Loveland, R.B.** *see* Randhawa, J.S. 8-69459
- Loveland, W.** *see* Chick, S.W.K. 8-85266
- Loveland, W.D.** *see* Otto, R.J. 8-70565
- Loveless, B.W.** *see* Stradling, G.N. 8-96096
- Loveless, R.J.** *see* Corcoran, M.D. 8-70417
- Lovell, B.** *see* Davis, R.J. 8-65633
- Lovell, E.G.** *see* Abdel-Khalik, S.I. 8-58425
- Lovelock, J.E.** *see* Margulis, L. 8-73517
- Loveluck, J.E.** *see* Buxton, B.F. 8-83662
- Loveluck, J.E.** *see* Rackham, G.M. 8-83687
- Loveluck, J.M.**, Windsor, C.G. Spin dynamics of Heisenberg chains: a comparison between theoretical and computer simulation studies 8-80155
- Lovering, J.F.** *see* Gleadow, A.J.W. 8-53628
- Lovesey, S.W.** Effective potentials and the study of phase transitions 8-52287
- Lovett, D.R.**, King, G.D. Constructing a stereographic projection model 8-86086
- Lovett, J.R.** Merged seawater sound-speed equations 8-81193
- Lovett, R.**, Ortoleva, P., Ross, J. Kinetic instabilities in first order phase transitions 8-87765
- Lovhoiden, G.**, Burke, D.G., Hirning, C.R., Flynn, E.R., Sunier, J.W. Levels in ^{165}Ho populated in the $^{166}\text{Er}(t,\alpha)$ reaction 8-78390
- Lovhoiden, G.**, Straume, O., Burke, D.G. Levels in ^{189}Ir and ^{191}Ir studied with the (p,t) reaction 8-74360
- Lovhoiden, G.** *see* Bjerregaard, J.H. 8-74376
- Lovhoiden, G.** *see* Guttormsen, M. 8-50080
- Lovinskii, L.S.**, Samoilov, L.N., Sapritskii, V.I., Stepanov, B.M. Special state standard for power illuminance unit of continuous spectral radiations in the range of 0.2-4.5 μ 8-89524
- Lovinskii, L.S.** *see* Sapritskii, V.I. 8-93752
- Lovodyuk, V.A.**, Tkachuk, V.K. Structure of the alloy Cu-25 wt.% Sn after ultrahigh-speed quenching from the liquid state 8-80563
- Lovtsov, S.V.** *see* Goncharova, N.G. 8-54747
- Lovyagin, R.N.** *see* Aleksandrov, L.N. 8-95355
- Low, A.** *see* Allan, P. 8-83758
- Low, B.C.** Evolving force-free magnetic fields. IV. A variational formulation of the problem 8-93182
- Low, F.E.**, Gottfried, K. Classical space-time concepts in high-energy collisions 8-70420
- Low, F.E.** *see* So-Young Pi 8-70382
- Low, F.J.** *see* McCarthy, D.W. 8-93267
- Low, J.R., Jr.** *see* Van Stone, R.H. 8-64642
- Low, K.S.** Stripping, pick-up mechanism in the inelastic scattering of heavy ions 8-54784
- Low, W.** *see* Franck, J.V. 8-66395
- Lowde, R.D.** *see* Harley, R.T. 8-84807
- Lowdermilk, W.H.** *see* Downs, D.C. 8-50837, 8-83003
- Lowdermilk, W.H.** *see* Murray, J.E. 8-51365
- Lowe, A.T.**, Fries, R.J. Plasma polymerized films as laser fusion targets 8-60860
- Lowe, A.T.**, Fries, R.J. Plasma polymerized p-xylene as a laser fusion target 8-88431
- Lowe, A.T.** *see* Cranfill, B. 8-58485
- Lowe, B.G.** Levels of ^{137}Cs in soils and vegetation of West Malaysia 8-73263
- Lowe, D.A.**, Bush, B.M.H., Ripley, S.H. Pharmacological evidence for 'fast' sodium channels in nonspiking neurones 8-73151
- Lowe, D.M.** *see* Harms, A.A. 8-60926
- Lowe, I.J.** Motionally narrowed NMR line shapes in solids 8-76325
- Lowe, I.J.** *see* Hwang, T.Y. 8-68406
- Lowe, I.J.** *see* Vollmers, K.W. 8-80227
- Lowe, J.** *see* Chew, S.H. 8-50164, 8-93942
- Lowe, L.** An investigation into the applications of real-time computing techniques in industrial audiometry 8-81009
- Lowe, L.** *see* Erriquez, O. 8-78170
- Lowe, M.**, Stone, M. A two-loop calculation about a quantum mechanical instanton 8-58126
- Lowe, R.M.** *see* Farrar, E. 8-57175
- Lowe, R.P.** *see* Scrimger, J.N. 8-73748
- Lowe, R.S.** *see* Hills, G.W. 8-66571
- Lowe, S.E.**, Sheridan, J. Nuclear quadrupole coupling tensor of ^{14}N in isoxazole from the microwave spectrum of isoxazole-4D 8-90154
- Lowell, C.E.** *see* Barrett, C.A. 8-88572
- Lowell, F.C., Jr.** The design of open channel acoustic flowmeters. I 8-55701
- Lowell, F.C., Jr.** The design of open channel acoustic flowmeters. II 8-63516
- Lowell, J.**, Odisho, I.H. A one-dimensional analogue model for the study of pinning in type-II superconductors 8-88086
- Lowell Maughan, W.** *see* Garrison, J.B. 8-80937
- Lowengrub, M.** *see* Calhoun, R. 8-79258
- Lowenstein, D.** *see* Herbert, M.L. 8-54631
- Lowenstein, D.I.** *see* Morse, W.M. 8-89858
- Lowenstein, J.H.**, Speer, E.R. Light-cone finite normal products 8-86408
- Lowenthal, D.D.** *see* DeHart, T.E. 8-66405
- Lowenthal, D.D.** *see* Hoffman, A.L. 8-87467
- Lowenthal, S.** *see* Brunol, J. 8-57067
- Lowenthal, S.** *see* Chavel, P. 8-63017, 8-66771
- Lowenthal, S.** *see* Polack, F. 8-68957
- Loves, F.J.** Comment on application of statistical parameter estimation methods to physical measurements [and reply] 8-49786
- Lowey, S.** *see* Gauthier, G.F. 8-64961
- Lowke, J.J.** A simple theory of free burning arcs 8-71587
- Lowke, J.J.**, Davies, D.K. Properties of electrical discharges sustained by a uniform source of ionization 8-71605
- Lowke, J.J.** *see* Kovitya, P. 8-71585
- Lowke, J.J.** *see* Ramakrishnan, S. 8-71588
- Lowman, P.D., Jr.** Crustal evolution in the silicate planets 8-61774
- Lowndes, D.H.** *see* Arko, A.J. 8-75985
- Lowndes, D.H.** *see* Yun Chung 8-84127
- Lowndes, R.P.** *see* Pai, K.F. 8-80322, 8-92042
- Lowndes, R.P.** *see* Rastogi, A. 8-59908
- Lowndes, R.P.** *see* Widom, A. 8-56436
- Lowrey, D.O.** *see* Adelman, S. 8-57428
- Lowrey, W.H.** *see* Dillon, R.O. 8-87986
- Lowrey, W.H.** *see* Singer, I.L. 8-72297
- Lowrie, W.**, Kent, D.V. Characteristics of VRM in oceanic basalts 8-85540
- Lowrie, W.** *see* Alvarez, W. 8-96132
- Lowrie, W.** *see* Channell, J.E.T. 8-96129
- Lowry, J.H.**, Mancy, K.H. A rapid automated system for the analysis of dissolved total organic nitrogen in aqueous solutions 8-93014
- Lowry, R.K.** *see* Hogrefe, A.W. 8-68940
- Lowschenko, F.**, Kutner, F., Jangg, G. Dispersion hardened Cu-MgO materials 8-64509

- Lowsky, J.** *see* Bartke, J. 8-66169
- Lowther, D.A.,** Rajanathan, C.B., Silvester, P.P. A finite element technique for solving 2-D open boundary problems 8-94354
- Lowther, G.E.** *see* Barr, J.T. 8-77149
- Lowther, J.E.** Jahn-Teller coupling at ND1 and GR1 centres in diamond 8-56103
- Lowther, J.E.,** Stoneham, A.M. Theoretical implications of the stress and magnetic field splitting of the GR1 line in diamond 8-60095
- Lowy, D.N.,** Madhukar, A. Study of the interface electronic structure of a model metal-semiconductor interface 8-72261
- Lowy, D.N.** *see* Ray, P.S. 8-59664
- Loy, M.M.T.** Doppler-free coherent two-photon transients by Stark switching 8-90249
- Loy, M.M.T.** *see* Bethune, D.S. 8-80725
- Loy, M.M.T.** *see* Grischkowsky, D.R. 8-63151
- Loyalka, S.K.,** Siewert, C.E., Thomas, J.R., Jr. Temperature-jump problem with arbitrary accommodation 8-67221
- Loyzance, P.L.,** Rey-Lafon, M., Bonjour, E. Vibrational and calorimetric study of polymorphism in 2-fluoro and 2-chloronaphthalene-nature of disorder 8-87641
- Lozano, C.,** Olver, F.W.J. Asymptotic approximations for parabolic cylinder functions 8-89301
- Lozano, L.** *see* Lachter, A. 8-64470
- Lozano, O.** *see* Carrillo C., R. 8-85733
- Lozano, R.D.,** Nejamis, O.J. Measurement of errors of an automatic spectrophotometer 8-54430
- Lozansky, E.D.,** Robouch, B.V. High pressure gas discharge in argon 8-87567
- Loze, C.de** *see* de Loze, C.
- Lozes, R.L.** *see* Asplund, L. 8-50654
- Lozingot, J.** *see* Sayer, B. 8-66486
- Lozinskii, B.S.** *see* Goganov, D.A. 8-78561
- Lozinskii, Z.N.,** Meshbe, V.I. Allowance for the angles of inclination of reflecting interfaces in the determination of velocity characteristics from CDP data 8-53753
- Lozovaya, L.A.,** Lakhnyuk, V.M. On checking the main hypothesis of statistical standardizing of radiometry diagrams 8-69483
- Lozovik, Yu.E.,** Klyuchnik, A.V. Change of binding type and dissociation of molecules and bixcitons in a strong magnetic field 8-62744
- Lozovik, Yu.E.,** Nishanov, V.N., Kaminskaya, E.P. Boundary effects on the transition into excitonic phase 8-76003
- Lozovik, Yu.E.,** Yudson, V.I. On the ground state of the two-dimensional non-ideal Bose gas 8-93601
- Lozovik, Yu.E.** *see* Ivanov, L.N. 8-72076
- Lozovik, Yu.E.** *see* Klyuchnik, A.V. 8-72302, 8-87917
- Lozovik, Yu.E.** *see* Lerner, I.V. 8-60060
- Lozovoi, B.S.** *see* Nikitinskii, V.A. 8-79405
- Lozovoi, V.I.,** Khar'kova, L.E. On the interrelation of viscosity mechanisms in simple liquids and gases 8-67846
- Lozovskaya, A.V.,** Ischenko, A.Ya., Rabkin, D.M., Saenko, M.I., Chayun, A.G. The effects of the metallurgical heredity of grade AMG6 alloy semi-finished products on the soundness and mechanical properties of welded joints 8-95789
- Lozovskii, P.M.** *see* Devyatkovka, L.I. 8-64414
- Lozovsky, P.M.** *see* Khokhlov, R.V. 8-66835
- Lozowski, E.P.,** Strong, G.S. On the calibration of hairpads 8-93001
- Lu, A.** *see* Albrow, M.G. 8-58214
- Lu, A.** *see* Caldwell, D.O. 8-54635
- Lu, B.C.-Y.** *see* Hamam, S.E.M. 8-83909
- Lu, B.C.-Y.** *see* Ochi, K. 8-87781
- Lu, K.T.,** Tomkins, F.S., Crosswhite, H.M., Crosswhite, H. Absorption spectrum of atomic lithium in high magnetic fields 8-90109
- Lu, K.U.** Dynamics of cyclones 8-77299
- Lu, P.,** Chan, C.K. Tunneling conductance of asymmetrical barrier 8-72279
- Lu, S.S.M.,** Pollak, F.H., Raccach, P.M. Polarization dependent reflectivity and optical constants of Ti₂O₃ in the range 0.7-10 eV 8-52531
- Lu, S.S.-M.** *see* Sher, A. 8-62223
- Lu, T.-M.** *see* Wang, G.-C. 8-79879
- Lu, Y.P.** *see* Neilson, H.C. 8-79151
- Lu Bo Ching** *see* Bo Ching Lu
- Lu Quan-kaing** On plasma non-classical diffusion across a magnetic field 8-67390
- Lu Swei-Ling** *see* Ren Jing-Ru 8-89028
- Lu Tan, Luo Liao-fu, Qu Qin-yue, Wang Zhen-ru** The anti-matter model for galactic nuclei and quasars 8-73771
- Lu Tan** *see* Fang Li-Zhi 8-85967
- Lu Tan** *see* Luo Liao-fu 8-82127
- Lu Tan** *see* Sun Xin 8-90322
- Lu Ting** Periodic solutions of nonlinear wave equations in n-dimensional space 8-93540
- Lu Tzow-Chi** *see* Chen Yung-Sow 8-78290
- Lu Yan-chou** *see* Li Ji-liang 8-57226
- Lu Yen-chou** *see* Liu Tung-sheng 8-81156
- Lu Yuan-Wei** *see* Zhao Song-Ling 8-90546
- Lu Zao-Xun, Fang Chang-Liu, Shi Zuo-Ting, Zhang Mao-Shu, Li Run-Jian, Yang Jun-Zhen** Variation of the gravity field and the Haicheng earthquake 8-61332
- Lu-San Chen, Cheh-Chih Yeh, Jer-San Lin** On nonlinear oscillations for nth order delay inequalities 8-89300
- Lu-San Pan, Evans, B.J.** The influence of magnetic order on charge delocalization in pure and Zn doped Fe₂O₃ 8-68423
- Luban, M.** *see* Hornreich, R.M. 8-52265
- Lubart, L.** *see* Levi, L. 8-85668
- Lubatti, H.J.** *see* Burnett, T.H. 8-89853, 8-89854
- Lubatti, H.J.** *see* Moriyasu, K. 8-66165
- Lubatti, H.J.** *see* Yuldashev, B.S. 8-62575
- Lubell, M.S.** *see* Alguard, M.J. 8-70376
- Lubell, M.S.** *see* Wainwright, P.F. 8-66689
- Lubelsmeyer, K.** *see* Prescott, C.Y. 8-89719
- Lubenets, E.R.** *see* Grigor'ev, V.I. 8-77769
- Lubenets, S.V.** *see* Boiko, Yu.F. 8-85069
- Lubenskii, M.Z.** *see* Parkhutik, P.A. 8-84792
- Lubensky, T.C.** Critical exponents for the zero state Potts model in 2+ε dimensions 8-77809
- Lubensky, T.C.,** Isaacson, J. Field theory for the statistics of branched polymers, gelation, and vulcanization 8-91220
- Lubensky, T.C.** *see* Dasgupta, C. 8-51956
- Lubensky, T.C.** *see* Jing-Huei Chen 8-80098
- Lubezky, I.,** Ceren, E. Multilayer edge filter for the 3.2-4.9-μm range 8-87131
- Lubimov, E.I.** *see* Antipenko, B.M. 8-90116
- Lubin, E.** *see* Tadmor, J. 8-53517
- Lubin, M.** Laser fusion studies and the National Users' Facility at the University of Rochester 8-59041
- Lubinsky, A.R.** *see* Li, C.H. 8-72693
- Lubinsky, A.R.** *see* Tong, S.Y. 8-71918
- Lubitz, K.** Magnetic studies of the dislocation structure of iron single crystals deformed at 195K and 77K 8-55874
- Lubitz, P.** *see* Forester, D.W. 8-68305
- Lubitz, W.,** Broser, W., Kirste, B., Kurreck, H., Schubert, K. ¹³C- and ¹H-ENDOR studies of a phenoxyl type radical 8-94266
- Lubitz, W.** *see* Fey, H.-J. 8-55190
- Lubke, F.** *see* David, P. 8-78426
- Lubke, G.** *see* Hartwig, J. 8-63760
- Lubke, M.** *see* Spilner, M. 8-76869
- Lubkin, E.** Entropy of an n-system from its correlation with a K-reservoir 8-62148
- Lubkowitz, J.A.** *see* Semonian, B.P. 8-73092
- Luborsky, F.E.** Magnetic properties of amorphous alloys 8-52300
- Luborsky, F.E.** Applications of amorphous alloys 8-95475
- Luborsky, F.E.,** Liebermann, H.H. Crystallization kinetics of Fe-B amorphous alloys 8-83736
- Luborsky, F.E.** *see* Walter, J.L. 8-52972
- Lubowiecka, T.,** Dohnalik, T., Frasiniski, L. Measurement of the 6S_{1/2} state lifetime of In I by the Hanle effect 8-90097
- Lubusky, P.** *see* Bily, M. 8-68799
- Luby, S.** *see* Buch, J. 8-76973
- Lubyanyi, V.V.** *see* Gol'dshtein, V.A. 8-54748
- Luc, P.,** Gerstenkorn, S. Fourier transform spectroscopy in the visible and ultraviolet range 8-58060
- Luca, E.,** Badescu, V., Cotae, C., Rabinovici, R. Autoconcentration effects in ferrofluids 8-92514
- Luca, F.De** *see* De Luca, F.
- Luca, J.C.De** *see* De Luca, J.C.
- Lucarini, G.** *see* Cesini, G. 8-63020
- Lucaroni, L.** *see* Cazzola, P. 8-49668
- Lucas, A.A.** *see* Delanaye, F. 8-84068
- Lucas, A.A.** *see* Mohan, G.D. 8-50533
- Lucas, A.A.** *see* Schmeits, M. 8-71991
- Lucas, C.B.,** McCarthy, I.E. Electron spin polarisation in the optical model 8-50646
- Lucas, D.** *see* Allamandola, L.J. 8-73120
- Lucas, D.H.,** Blank, R.E. Spectrophotometric standards in the clinical laboratory 8-54331
- Lucas, J.,** Prevot, L., Lamboy, M. Phosphorites from the continental margin off northern Spain. Chemistry, mineralogy, genesis 8-65258
- Lucas, J.** *see* Ansel, D. 8-75867
- Lucas, J.** *see* Ashley, S.R. 8-57931
- Lucas, J.** *see* Calage, Y. 8-87659
- Lucas, J.** *see* Fonteneau, G. 8-83799
- Lucas, J.** *see* Limbeck, J.W. 8-94386, 8-94387
- Lucas, K.** Rejoinder to the comment on the paper 'Combined body force and forced convection in laminar film condensation of mixed vapours-integral and finite difference treatment' 8-51162
- Lucas, K.** Laminar film condensation with non-condensing gases in tubes 8-94554
- Lucas, L.L.** *see* Coursey, B.M. 8-80816
- Lucas, M.W.** *see* Jarvis, O.N. 8-62680, 8-79654
- Lucas, M.W.** *see* Nyaiesh, A.R. 8-79653
- Lucas, M.W.** *see* Steckelmacher, W. 8-70971, 8-78794
- Lucas, R.,** Dembno-Tchaikowsky, M. On the masses of two bodies in dynamic interaction constituting an isolated system 8-89326
- Lucas, R.,** Le Squeren, A.M., Kazes, I., Encrenaz, P.J. Molecular observations of Sharpless 106 8-61906
- Lucas, R.** *see* Brotz, W. 8-51255
- Lucas, R.** *see* Combes, F. 8-65689
- Lucas, R.** *see* Falgarone, E. 8-57617
- Lucas, R.** *see* Pigache, D. 8-71607
- Lucas, R.** *see* Poitou, J. 8-70721
- Lucas, R.N.** *see* Quick, R.F., Jr. 8-65020
- Lucasson, A.** *see* Vajda, P. 8-95078
- Lucasson, P.** *see* Prakash, S. 8-55829
- Lucasson, P.** *see* Vajda, P. 8-95078
- Lucat, C.** *see* Reau, J.M. 8-79806, 8-91481
- Lucchese, R.R.,** Conrad, M.P., Schaefer, H.F., III. Correlated wavefunctions for the water molecule 8-70755
- Lucchese, R.R.,** Schaefer, H.F., III, Rodwell, W.R., Radom, L. Fluorine peroxide (FOOF): a problem molecule for theoretical structural predictions 8-55126
- Lucchese, R.R.,** Yarkony, D.R. Symmetry restricted multiconfiguration annihilation of single excitations. II. Applications. Electronic states of methylnitrene 8-62695
- Lucchin, F.** *see* Bonometto, S.A. 8-65688, 8-69891
- Lucchini, E.** *see* Asti, G. 8-52232, 8-52256
- Lucchini, E.** *see* Slokar, G. 8-68676, 8-72767
- Lucchi, A.,** Riontino, G., Tabasso, M.C., Tamani, M., Venturolo, G. Recrystallization and stored energy of dilute copper solid solutions with substitutional transition elements of the 4th period 8-52836
- Lucey, R.F.** *see* Hu, E.L. 8-68114
- Luches, A.,** Nassisi, V. Transport experiments of relativistic electron beams in low pressure gases 8-75373
- Luchkina, S.A.** *see* Burget, J. 8-52378
- Luchnik, I.N.** *see* Khokhlov, R.V. 8-66835
- Lucia, F.C.De** *see* De Lucia, F.C.
- Luciani, J.F.** Space-time geometry and symmetry breaking 8-54533
- Luciano, M.J.,** Kingston, D.L. Automated luminescent topographic system 8-74081
- Lucius, H.** *see* Pleissner, K.-P. 8-53190
- Lucius, J.L.** *see* Weisbin, C.R. 8-50239
- Luck, H.** *see* Schatt, W. 8-63881
- Luck, H.B.** The effect of pre-irradiation thermal treatment on the track revealing properties of a CN track detector 8-94168
- Luck, K.C.,** Thiel, W. Measurements of temperatures and OH-concentrations in a lean methane-air flame using high-resolution laser-absorption spectroscopy 8-76862
- Luck, R.E.** *see* Lambert, D.L. 8-81630
- Lucke, M.** Velocity correlations in a randomly stirred fluid: a variational principle for path-integral functionals 8-81846
- Luckey, D.** *see* Elias, J.E. 8-82241
- Luckey, D.** *see* Osborne, L.S. 8-66267, 8-70381
- Luckhurst, G.R.** *see* Carr, S.G. 8-75540
- Luckhurst, G.R.** *see* Emsley, J.W. 8-63671
- Luckhurst, G.R.** *see* Humphries, R.L. 8-59741
- Luckman, B.H.,** Crockett, K.J. Distribution and characteristics of rock glaciers in the southern part of Jasper National Park, Alberta 8-77276
- Lucovsky, G.,** Sladek, R.J., Allen, J.W. Electronic contributions to the lattice polarisability in (Ti₂O₃)_{1-x}(V₂O₃)_x crystals 8-59904
- Lucovsky, G.** *see* Knights, J.C. 8-72515
- Lucovsky, G.** *see* Nemanich, R.J. 8-60498, 8-75746
- Luczak, M.** *see* Trojnar, K. 8-93741
- Ludden, J.N.,** Thompson, G. Behaviour of rare earth elements during submarine weathering of tholeiitic basalt 8-73369
- Ludema, K.C.** *see* Rhee, S.H. 8-64729
- Ludemann, C.A.** *see* Malbrough, D.J. 8-70570
- Ludemann, C.A.** *see* Freedom, B.M. 8-70571
- Ludemann, C.A.** *see* Satchler, G.R. 8-58295
- Ludena, E.V.** SCF Hartree-Fock calculations of ground state wavefunctions of compressed atoms 8-90070
- Luders, K.** *see* Karcher, R. 8-52360
- Ludgate, G.A.** *see* Amsler, C. 8-70397
- Ludgate, G.A.** *see* Bugg, D.V. 8-70396
- Ludgate, G.A.** *see* Waters, G. 8-82599
- Ludington, S.** The biotite-apatite geothermometer revisited 8-85704
- Ludlam, F.H.** The forms and patterns of cumulus 8-57289
- Ludlow, J.C.** *see* Gainer, J.L. 8-77030
- Ludman, A.** *see* Ruitenberg, A.A. 8-57199
- Ludman, J.,** Roosild, S., Vickers, V. TSC measurements of coupled levels in ion implanted Si 8-84165
- Ludmer, Z.** Exciplex emission from perylene-doped 9-cyanoanthracene crystals 8-60513
- Ludmer, Z.** Quenching of a solid state photodimerization reaction by crystal doping 8-68547
- Ludtke, P.R.** *see* Daney, D.E. 8-83367
- Ludvigsen, M.** The motion of a charged particle as viewed from heaven 8-62124

- Ludwick, J.C.** Coastal currents and an associated sand stream off Virginia Beach, Virginia 8-73392
- Ludwig, E.J.** *see* Henneck, R. 8-54735
- Ludwig, J.** *see* Brandelik, R. 8-62416
- Ludwig, W.** *see* Varotsos, P. 8-55971, 8-55975
- Ludwig, W.** *see* Viefhues, H. 8-71797, 8-71933
- Ludziejewski, J.** *see* Nerlo-Pomorska, B. 8-82277
- Lue, J.W.** *see* Dresner, L. 8-54999
- Lue, J.W.** *see* Miller, J.R. 8-62633
- Lueders, D.H., Daley, J.M., Durham, F.E., Bucino, S.G., Hollandsworth, C.E.** Low-lying levels in ^{76}Br 8-50091
- Luken, H.** Magnetic susceptibility of distilled lithium between 294 and 3.7K 8-68156
- Luers, D.** *see* Bockmann, K. 8-93912
- Luey, K.** *see* Bozler, H.M. 8-79843
- Lugakov, P.F., Tkachev, V.D., Shusha, V.V.** Recombination in n-type silicon irradiated with high-energy gamma rays 8-56158
- Lugara, M.** *see* Catalano, I.M. 8-84608
- Luger, P.** *see* Bradaczek, H. 8-91189
- Lugger, P.M.** *see* Smith, H.A. 8-85954
- Lugiato, L.A., Mandel, P., Dembinski, S.T., Kossakowski, A.** Semiclassical and quantum theories of bistability in lasers containing saturable absorbers 8-82943
- Lugiato, L.A.** *see* Bonifacio, R. 8-50821, 8-50822, 8-50823
- Lugiato, L.A.** *see* Dembinski, S.T. 8-94385
- Lugina, A.S., Belyi, V.N., Insarova, N.I., Uvarova, N.N., Khatkevich, A.G.** The effective shift of differently polarised radiation 8-71153
- Lugina, K.M.** *see* Kagan, R.L. 8-61523
- Luginina, A.A.** *see* Ikrami, D.D. 8-52729
- Lugnair, G.W.** *see* Carlson, R.W. 8-61391
- Lugovo, P.Z.** Stress concentration near the hole in the anisotropic conical shell 8-83247
- Lugovoi, A.A.** The dynamical behaviour of a uniaxial ferromagnet near the magnetic phase transition point 8-84431
- Lugovoi, V.N.** Possibility of locking of stimulated Raman emission components in an optical resonator with a dispersive medium 8-50858
- Lugovoi, V.N.** Inverse Cerenkov effect and new phenomena in nonlinear optics 8-59082
- Lugovskaya, E.S.** *see* Tresvyatskii, S.G. 8-51495
- Lugovskoi, P.P.** *see* Mironov, B.P. 8-94545
- Lugscheider, E.** *see* Knotek, O. 8-92368
- Luh Yu** *see* Yu Luh
- Luhman, T., Dew-Hughes, D.** Superconducting wires of $\text{PbMo}_{0.5}\text{S}_6$ by powder technique 8-52705
- Luhman, T.S.** *see* Dew-Hughes, D. 8-84740
- Luhmann, J.G., Blake, J.B.** Rocket altitude atmospheric X-rays from magnetospheric electrons at low and middle latitudes 8-61640
- Luhmann, J.G., Blake, J.B.** K-shell X-ray fluxes at satellite altitude from proton precipitation 8-61641
- Luhrmann, K.H.** *see* Bishop, R.F. 8-72097
- Luhren, W.** *see* Alexander, G. 8-74251, 8-89766
- Luhren, W.** *see* Berger, Ch. 8-62414, 8-89725
- Lui, A.T.Y., Burrows, J.R.** On the location of auroral arcs near substorm onsets 8-88968
- Lui, A.T.Y., Frank, L.A., Ackerson, K.L., Meng, C.-I., Akasofu, S.-I.** Plasma flows and magnetic field vectors in the plasma sheet during substorms 8-96357
- Lui, A.T.Y., Meng, C.-I., Akasofu, S.-I.** Wavy nature of the magnetotail neutral sheet 8-61665
- Lui, A.T.Y.** *see* Akasofu, S.-I. 8-61666
- Lui, A.T.Y.** *see* Caan, M.N. 8-89007
- Lui, H.C.** Magnetohydrodynamic stability of high-beta Tokamak equilibria with force-free currents 8-87481
- Lui, Y.-W.** *see* Vlastov, R. 8-78400
- Luijckx, J.M., Platten, J.K., Vanderborck, G.** Critical Reynolds number in pipe Poiseuille flow 8-94644
- Luijt, E.C.M.** *see* Kielman-van *see* Kielman-van Luijt, E.C.M.
- Luisoni, L.E.** *see* Filipich, C. 8-90740
- Luisoni, L.E.** *see* Laura, P.A. 8-83294
- Luitjens, S.B., Verbeek, T.R., Algra, A.J., Boers, A.L.** A new method of studying surface structures 8-87854
- Luiz, A.M.** Pyroelectricity and the Costa Ribeiro effect 8-56431
- Luizo, Yu.V.** *see* Zhorin, V.A. 8-51678
- Luizov, A.V., Travnikova, N.P.** Instrument for testing the contrast sensitivity of eyes 8-73275
- Luizov, A.V., Travnikova, N.P., Zavodchikov, G.I., Firsov, N.T.** Instrument for comprehensive vision testing 8-81007
- Luizova, L.A.** *see* Kozlov, V.P. 8-51346
- Lujan, R.** *see* Knights, J.C. 8-60585
- Lukac, I.** Symmetric elimination of the center of mass motion in the nonrelativistic three-body problem 8-69974
- Lukac, I.** Complete sets of observables on the sphere in four-dimensional Euclidean space 8-70015
- Lukac, P., Mikus, O., Zabudla, Z.** Electron-ion recombination in heated argon 8-59714
- Lukac, P., Trnovec, J., Mikus, O.** Microwave measurements of an electron-ion recombination coefficient in neon-helium mixtures 8-91167
- Lukac, P.** *see* Trnovec, J. 8-67506
- Lukachev, S.V.** *see* Knysh, Yu.A. 8-50975
- Lukachina, E.N., Stetsenko, V.I., Kostenko, A.S., Gunchenko, A.I., Antinenko, M.V.** Formation of yttrium-bismuth ferrite-garnets from metal oxides 8-52737
- Lukacs, B.** On the Bonnor counterparts of the Tomimatsu-Sato solutions 8-57835
- Lukacs, Gy.** Repeatability of colorimetry 8-93748
- Lukas, P., Klesnil, M.** Fatigue limit of notched bodies 8-71291
- Lukas-Koch, I.R.** *see* Alevra, A. 8-62542
- Lukasevich, L.P.** *see* Volkov, V.V. 8-60422
- Lukash, V.P.** *see* Zhestkov, B.A. 8-90671
- Lukashenko, S.N.** *see* Korchevov, Yu.P. 8-79413
- Lukashenko, S.N.** *see* Korchevov, Yu.P. 8-67475
- Lukashenko, V.I.** *see* Antonov, E.E. 8-71460
- Lukashenko, V.I.** *see* Korchevov, Yu.P. 8-67475
- Lukashev, V.K.** *see* Kiselevskii, V.N. 8-85098
- Lukashevich, L.A.** *see* Gerashchenko, O.A. 8-85385
- Lukashevskiy, V.A.** *see* Bannikov, Yu.M. 8-63523
- Lukashova, V.I.** *see* Sirota, N.N. 8-72416
- Lukasiewicz, S., Tumilowicz, J.** Stability of a cylindrical shell with a circumferential notch under axial compression 8-79239
- Lukasik, J.** *see* Zych, L.J. 8-58102
- Lukaszewski, M., Lecler, D.** Laser excitation of $6s6d^3\text{D}$, level of mercury: transition probabilities and collisional excitation transfer 8-55146
- Lukaszewski, M., Lecler, D.** Collisionally induced transfer of orientation and alignment between $6s6d$ levels of mercury 8-74747
- Luke, D.** e^+e^- production of charmed particles at the SPEAR magnetic detector 8-78199
- Luke, D.** *see* Feller, J.M. 8-66136
- Luke, D.** *see* Heile, F.B. 8-74238
- Luke, D.** *see* Himel, T. 8-78157
- Luke, D.** *see* Jaros, J.A. 8-50042
- Luke, D.** *see* Peruzzi, I. 8-74252
- Luke, D.** *see* Scharre, D.L. 8-89723
- Luke, D.** *see* Tanenbaum, W. 8-66113
- Luke, D.** *see* Vuillemin, V. 8-93876
- Luke, T.M.** Low-energy singly and doubly excited resonances in neon: behaviour of the complex photoionisation amplitudes at the resonances 8-78673
- Lukens, J.E.** *see* Varmazis, C. 8-88078
- Lukes, G.E.** Rapid screening of aerial photography by OPS analysis 8-63033
- Lukes, T., Tripathi, R.S.** A new approach to the density of eigenvalues and localization in a general disordered system 8-56109
- Lukes, T.** *see* Moseley, L.L. 8-62017
- Lukhovich, A.A., Karolik, A.S.** Calculation of the electrical resistance of dislocations in noble metals 8-60117
- Lukhovich, A.A.** *see* Vengrinovich, V.L. 8-86309
- Lukierska-Walasek, K.** *see* Walasek, K. 8-79677, 8-79726
- Lukierski, J.** Renormalization group transformations as symmetry mappings 8-49953
- Lukin, A.L.** *see* Gorbunov, V.I. 8-92424
- Lukin, E.S.** *see* Boos, E.G. 8-74285
- Lukin, I.P., Mironov, V.L.** Fluctuations of an interference pattern during propagation in the atmosphere 8-53727
- Lukin, I.P.** *see* Lukin, V.P. 8-87017
- Lukin, K.D.** *see* Romanovskii, S.G. 8-55688
- Lukin, N.I.** *see* Bessalova, E.S. 8-77963
- Lukin, R.R.** *see* Thomas, S.R. 8-53484
- Lukin, V.P.** Change in the phonon spectrum due to a structural transition in quasi-one-dimensional crystal 8-67789
- Lukin, V.P., Lukin, I.P.** The propagation of modulated waves in a turbulent atmosphere: the variance of the phase fluctuations of the modulating oscillation 8-87017
- Lukin, V.V.** *see* Troyanovskii, B.N. 8-87360
- Lukina, M.M.** *see* Svirina, E.P. 8-88100
- Luknar, N.** *see* Kettle, S.F.A. 8-55176
- Lukner, C.** Relativistic heavy ion research at Berkeley 8-78522
- Lukomskii, V.P.** *see* Borshch, A.A. 8-79066
- Lukosz, W., Wahlen, H.** Total absorption of p-polarized light by surface plasma waves 8-88373
- Lukovenko, V.I.** *see* Volkov, A.D. 8-71552, 8-79479
- Luk'yanchikova, N.B., Sheinkman, M.K., Lituchii, A.P.** Photoferroelectric effect. Discovery and investigation 8-52450
- Luk'yanenko, A.I.** *see* Kudzina, L.Yu. 8-64966
- Luk'yanenko, S.F.** *see* Godlevskii, A.P. 8-49911
- Luk'yanenko, V.M.** *see* Ivanov, V.P. 8-92580
- Lukyanov, A.E.** *see* Karimov, K.A. 8-96333
- Luk'yanov, A.E.** *see* Spivak, G.V. 8-74110
- Luk'yanov, A.S.** *see* Sidorov, A.A. 8-88110
- Luk'yanov, V.K.** *see* Burov, V.V. 8-86529
- Luk'yanov, V.N.** *see* Baranova, L.I. 8-50949
- Lukyanov, V.N.** *see* Brejzman, B.N. 8-75371
- Luk'yanov, V.S., Komarovskii, O.K.** Effect of probing-system dynamics on feeler instrument measurement error 8-73965
- Lukyauev, E.A.** *see* Preobrazhensky, V.B. 8-84342
- Lulikowski, J.J.** Limit of single vision in stereopsis depends on contour sharpness 8-88711
- Lum, R.M.** Microanalysis of trace contaminants by laser-probe pyrolysis 8-92553
- Lum, W.Y., Clawson, A.R., Elder, D.I., Wieder, H.H.** Epilayer-substrate interfaces of Ge-doped GaAs grown by liquid-phase epitaxy 8-72017
- Lum, W.Y., Messick, L., Zeisse, C.R.** Evidence of damage at gallium arsenide-insulator interfaces 8-75953
- Lum, W.Y., Van Duzer, T.** Resonances in semiconductor-barrier Josephson junctions 8-84352
- Lum, W.Y.** *see* Clawson, A.R. 8-65966
- Lumb, R.F., Bosselaar, H., Baborovsky, V.M.** Ultrasonic inspection of seamless drill casing and linepipe 8-95879
- Lumia, R., Parrish, E.A., Jr.** Charge-coupled device technology in pattern recognition 8-71052
- Lumig, A.** *see* Van Lumig, A.
- Lumin, S.N.** *see* Galkin, A.A. 8-52339
- Luminari, L.** *see* Amaldi, E. 8-78222
- Lunkemann, B.** To the working life of He-Ne laser units 8-90424
- Lumley, D.J.W., Barrow, R.F.** Absorption spectrum of gaseous terbium monofluoride 8-55181
- Lumley, D.J.W.** *see* Pouilly, B. 8-74674
- Lumley, J.L.** *see* Gatski, T.B. 8-51205, 8-63453
- Lumley, J.L.** *see* Raj, R. 8-79322
- Lumley, J.L.** *see* Warhaft, Z. 8-94651
- Lumley, J.L.** *see* van Dyke, M. (editor) 8-59357
- Lumpkin, M.E., Saslow, W.M., Visscher, W.M.** One-dimensional Kapitza conductance: Comparison of the phonon mismatch theory with computer experiments 8-79834
- Lumpkin, O., Dixon, W.T.** Low temperature proton NMR in deoxymyoglobin and a new model for the low-lying Fe^{2+} states 8-68997
- Lumsden, J.B.** *see* Galvele, J.R. 8-95852
- Lun Gao** *see* Gao Lun
- Lun Kao** *see* Kao Lun
- Lun-Shin Yao** Free-forced convection in the entry region of a heated straight pipe 8-90883
- Lun-Shin Yao, Catton, I.** Free-forced convection from a heated cone 8-90892
- Luna, R.J.** *see* Kanapilly, G.M. 8-76929
- Lunardi, S.** *see* Daly, P.J. 8-93964
- Lunardi, S.** *see* Fortuna, G. 8-62560
- Lunardini, A.** *see* Baracca, A. 8-62105
- Lunardini, A.** *see* Cornia, A. 8-57853
- Lunarska, E., Zielinski, A.** An application of the Schoeck's model to the cold work internal friction peak in the hydrogen-iron system 8-95771
- Lunazzi, L.** Molecular structures and conformations by NMR spectroscopy in liquid crystals 8-62829
- Lund, A.** *see* Samskog, P.-O. 8-70854
- Lund, E.** *see* Aleklett, K. 8-86512
- Lund, G.I.** *see* Bates, R.H.T. 8-77492
- Lund, M.** *see* Laegsgaard, E. 8-62898
- Lund, R.E.** *see* Fleming, D.L. 8-79139
- Lund, T.** Rectangular monolithic infinite-cascade thermojunctions 8-57944
- Lundberg, E.** Application of a versatile drift-compensating digital peak reader to the direct atomization of solids in graphite furnace atomic absorption spectroscopy 8-68939
- Lundberg, E.** A simple modification of the Varian AA-6 spectrophotometer—faster response time to flameless atomizer absorption signals 8-82044
- Lundberg, H., Rosen, A.** Estimate of the wavelengths for the first and second resonance lines in the francium I spectra 8-58617
- Lundberg, L.-E.** The Klein-Gordon equation with light-cone data 8-93789
- Lundberg, O.R.** The tidal component in the eastern branch of the Canaries Current 8-77263
- Lundberg, O.R.** Periodic components of currents as observed in the synoptic eddy 8-85593
- Lundborg, P.** *see* Alibran, P. 8-50026
- Lundby, A.** *see* Berglund, J. 8-66160
- Lunderfeld, M.** *see* Wong, C.K. 8-49778
- Lundgren, D.L., Hahn, F.F., Crain, C.R., Sanchez, A.** Effect on influenza virus infection on the pulmonary retention of inhaled ^{144}Ce and subsequent survival of mice 8-85340

- Lundgren, J.O.** *see* Taesler, I. 8-83783
Lundgren, R.A. *see* Ipavich, F.M. 8-86733
Lundin, A.G., Moskvich, Yu.N., Sukhovskii, A.A. Determining tensor of chemical shift of ^{77}Se in selenic acid 8-64285
Lundblad, J.A. *see* Pytte, T. 8-88990
Lundquist, T.R. Energy distributions of sputtered copper neutrals and ions 8-72659
Lundqvist, S. *see* Eklund, H. 8-92977
Lundqvist, S. *see* Mukhopadhyay, G. 8-52054
Lundsgaard, J.S., Einer-Jensen, N., Juhl, B. A pressure regulator for proportional regulation of two gas pressures [for anaesthetic apparatus] 8-53560
Lundstrom, I., Corker, G.A., Stenberg, M. Charge injection and storage in thin films of chlorophyll a 8-53317
Lundstrom, I. *see* Corker, G.A. 8-53334
Lundy, R. *see* Benvenuti, A. 8-82196
Lunelli, B. New cold trap 8-81990
Lunev, V.M., Ovcharenko, V.D., Khoroshikh, V.M. Plasma properties of a metal vacuum arc. I 8-51384
Lunev, V.M., Padalka, V.G., Khoroshikh, V.M. Plasma properties of a metal vacuum arc. II 8-51385
Lunev, V.V. *see* Voronkin, V.G. 8-75162
Lung-An Ying *see* Ying Lung-An
Lungu, N. *see* Ureche, V. 8-89172
Lunichev, V.N., Rambidi, N.G. Solution of a model problem on the motion of the metal atom in molecules of the LiNC type by the Wentzel-Kramers-Brillouin (WKB) method 8-82623
Lunichev, V.N., Rambidi, N.G. Structural parameters of the LiNC molecule in different vibrational states 8-86776
Lunichev, V.N. *see* Rambidi, N.G. 8-66533
Lunin, Yu.L. *see* Bekmukbambetov, E.S. 8-91485
Lunk, A. Impedance characteristic of hollow cathode arc discharge 8-67536
Lunk, A. *see* Resenov, S.P. 8-91170
Lunke, C., Corfu, R., Egger, J.-P., Grettillat, P., Piffaretti, J., Schwarz, E., Jansen, J., Perrin, C., Freedom, B.M. Comparative study of π^+ and π^- elastic and inelastic scattering off ^{18}O and ^{28}Si at 180 MeV 8-94035
Lunke, C. *see* Perrin, C. 8-89792
Lun'kin, S.P. *see* Kasymova, S.S. 8-88453
Lunt, R.M. Handbook of ultrasonic B-scanning in medicine 8-73180
Lunter, S.G. *see* Ageeva, L.E. 8-71107
Lunter, S.G. *see* Brachkovskaya, N.B. 8-84602
Luo Chi-hsun, Yin Yao-teh, Lin Sheng-kun, Chao Chi, Wang Chien Effect of rare earth additives on the quality of Fe-Cr-Al electric heating alloy 8-84825
Luo Chien-Shu *see* Chien-Shu Luo
Luo Huey-Lin *see* Huey-Lin Luo
Luo Kan Metallurgical and technological features of rare earth-magnesium nodular cast iron and its applications in China 8-84851
Luo Li-keng *see* Tsai Chi-kung 8-84812
Luo Lian-fu *see* Fang Li-Zhi 8-85967
Luo Liao-fu *see* Lu Tan 8-73771
Luo Liao-Fu *see* Sun Xin 8-90322
Luo Liau-fu, Lu Tan Mass spectra of charm particles 8-82127
Luo Zheng-Ming The external solutions of the equilibrium of plasma with quasi-elliptical cross section in a toroidal axial-symmetric system 8-91136
Luomajarvi, M. Stopping powers of Ti, Mn, Ni and Zn for 0.5-2.0 MeV ^4He ions relative to those of Al and Cu 8-87730
Luongo, J.P. *see* Wood, D.L. 8-80472
Luontama, M. *see* Ellegaard, C. 8-74331
Luontama, M. *see* Julin, R. 8-70715
Lupanov, V.N. *see* Kapustina, O.A. 8-94992
Luparev, V.S. *see* Baldin, A.V. 8-88475
Lupascu, A., Popescu, I.M., Tudorache, St. The calculation of Hanle effect intensities in the $5^2\text{P}_{3/2}$ state of ^{85}Rb atoms 8-66521
Lupascu, A.I. *see* Cristescu, C.P. 8-79002
Lupashku, R.G. *see* Vainberg, V.E. 8-85110
Lupei, A., Lupei, V. Low-symmetry U^{3+} centres in CaF_2 8-76307
Lupei, A. *see* Lupei, V. 8-72407
Lupei, V., Lupei, A. EPR of a rhombic U^{3+} center in air heated CaF_2 8-72407
Lupei, V., Stoicescu, C. Electron paramagnetic resonance of U^{3+} in cubic sites of calcium fluoride 8-72392
Lupei, V. *see* Lupei, A. 8-76307
Lupie, O.L. *see* Sion, E.M. 8-53947
Lupin, V.M. *see* Azikov, B.S. 8-84287
Lupis, C.H.P. Effect of small additions of a third component on the eutectic and peritectic temperatures of binary systems 8-84801
Lupishko, D.F. *see* Aleksandrov, Yu.V. 8-61780
Lupishko, T.A. *see* Aleksandrov, Yu.V. 8-61780
Lupp, U., Hauske, G., Wolf, W. Different systems for the visual detection of high and low spatial frequencies 8-65022
Lupp, U. *see* Hauske, G. 8-65001
Lupton, W.H., Conte, D., Ford, R.D., Turchi, P.J., Vitkovitsky, I.M. Application of homopolar generators for high voltage plasma experiments 8-54948
Lupton, W.H. *see* Conte, D. 8-55034
Lupu, M. *see* Garlea, I. 8-70537
Lurie, A.G. Enhancement of DMBA tumorigenesis in hamster cheek pouch epithelium by repeated exposures to low-level X-radiation 8-53456
Lurie, D. *see* Garrido, L. 8-86228
Lurio, A. *see* Nagourney, W. 8-66678
Lusanna, L. *see* Barducci, A. 8-93531
Luscher, E. *see* Crone, J. 8-79978
Luscher, E. *see* Willer, J. 8-52278
Luscher, M. Quantum non-local charges and absence of particle production in the two-dimensional non-linear σ -model 8-54532
Luscher, M. Asymptotic behaviour of classical Yang-Mills fields in Minkowski space 8-93800
Luscher, M., Pohlmeier, K. Scattering of massless lumps and non-local charges in the two-dimensional classical non-linear σ -model 8-62300
Luscher, P.E. *see* Withrow, S.P. 8-72643
Lushbaugh, C.C. *see* Hubner, H.F. 8-53522
Lushchik, A.Ch. *see* Lushchik, Ch.B. 8-91359
Lushchik, Ch. *see* Aboltin, D.E. 8-72606
Lushchik, Ch.B., Gindina, R.I., Maaros, A.A., Ploom, L.A., Lushchik, A.Ch., Pung, L.A., Pyllusaar, Yu.V., Soovi, J., Kh.A. Formation of cation defects in KCl crystals by irradiation 8-91359
Lushchik, Ch.B., Plekhanov, V.G., Zavt, G.S., Kuusmann, I.L., Cholakh, S.O., Gavrilov, F.F., Betenekova, T.A., Liblik, P.Kh., O'Connell-Bronin, A.A., Pustovarov, V.A., Ratas, A.A., Khaldre, Yu.Yu., Shul'gin, B.V. Electronic excitations in LiH and LiD single crystals 8-72574
Lushchik, Ch.V., Kuusmann, I.L., Karner, T.N., Lushchik, N.E., Malysheva, A.F., Milenina, R.V., Ratas, A.A., Savikhina, T.I., Soovik, Kh.H. Electronic excitations and luminescence of magnesium oxide 8-72575
Lushchik, N.E. *see* Lushchik, Ch.V. 8-72575
Lushchikov, I.I. *see* Gurari, M.L. 8-64913
Lushnikov, A.A. Coagulation in finite systems 8-68933
Lushnikov, A.A., Maksimenko, V.V., Simonov, A.Ya. Absorption of low-frequency electromagnetic radiation by small metallic particles 8-88311
Lusignoli, M., Srivastava, Y. Pion electromagnetic structure functions from pion exchange in leptonproduction 8-70375
Lusignoli, M. *see* Buccella, F. 8-58152
Lusk, J., Ford, C.E. Experimental extension of the sphalerite geobarometer to 10 kbar 8-85703
Lusk, J. *see* Ostwald, J. 8-77229
Luskin, B.M. *see* Gaponov, S.V. 8-67926
Luspin, Y. *see* Benoit, J.P. 8-91411
Lussier, F.M. Positioning-hardware tradeoffs 8-62187
Lussier, F.M., Steinfeld, J.I., Deutsch, T.F. Pressure and intensity dependence of multiphoton energy deposition and reaction yield in vinyl chloride 8-95936
Lust, R. Terrestrial and extraterrestrial plasmas 8-69672
Luste, G.J. *see* Caldwell, D.O. 8-54635
Luste, G.J. *see* Kennedy, C.N. 8-74276
Lustiger, A., Corneliussen, R.D., Kantz, M.R. Environmental stress crack growth in low-density polyethylene 8-53011
Luten, J.B., Das, H.A., Woittiez, J.R.W., De Ligny, C.L. Determination of iodate in rain-water 8-76953
Lutgemeier, H. *see* Arons, R.R. 8-76347
Luth, H., Rubloff, G.W., Grobman, W.D. Chemisorption of organic molecules on $\text{ZnO}(1100)$ surfaces: $\text{C}_2\text{H}_5\text{N}$, $(\text{CH}_3)_2\text{CO}$, and $(\text{CH}_3)_2\text{SO}$ 8-72699
Luth, H. *see* Roll, U. 8-90252
Luth, V. *see* Himel, T. 8-78157
Luth, V. *see* Jaros, J.A. 8-50042
Luth, V. *see* Peruzzi, I. 8-74252
Luth, V. *see* Tanenbaum, W. 8-66113
Luther, F.M., Duewer, W.H. Effect of changes in stratospheric water vapor on ozone reduction estimates 8-73444
Luther, F.M., Wuebbles, D.J., Duewer, W.H., Chang, J.S. Effect of multiple scattering on species concentrations and model sensitivity 8-85692
Luther-Davies, B. Evidence of resonance absorption in laser-produced plasmas from the polarization and angular dependence of high energy X-ray bremsstrahlung emission 8-59559
Luthey, J.L. *see* Parker, R.H. 8-85895
Luthi, B. *see* Assmus, W. 8-79562
Luthi, B. *see* Mansfield, D.K. 8-88303
Luthy, W. *see* Affolter, K. 8-79621
Lutjering, G., Hamajima, T., Gysler, A. Influence of grain size on the fracture of aluminum alloys 8-60781
Lutjering, G. *see* Gysler, A. 8-60822
Lutkov, A.I., Mikhailov, V.N., Zarichnyak, Yu.P., Volkov, D.V. Effect of temperature, pressure, and composition of atmosphere on thermal conductivity of heaps of powdered titanium, zirconium, and silicon [for sintering process optimization] 8-80487
Lutkov, A.I. *see* Khizhnyak, P.E. 8-79829
Lutman, M.E., Martin, A.M. The influence of the acoustic reflex on the loudness of pulsed pure tones 8-92647
Luton, J.N. *see* Haubenreich, P.N. 8-50388
Lutpullaev, S.L. *see* Azimov, S.A. 8-78421
Lutset, M.O. *see* Kutateladze, S.S. 8-84346
Lutsiv, R.V. *see* Bodak, O.I. 8-56290
Luts'ko, A.S. *see* Vinogradova, O.A. 8-87461
Luttger, K.E., Bonart, R. Investigation into the cross-linking kinetics and structure of a thermosetting epoxy resin system 8-76624
Luttke, W. *see* Schafer, F.P. 8-74899
Luttmann, A., Muckenhoff, K., Plass-Link, A., Loeschke, H.H. A rapid response electrode system for measuring the CO_2 partial pressure in blood 8-85409
Luttmer, J.D., Bard, A.J. On the reported emission from the T_2 state during ECL of 9,10-diphenylanthracene 8-60524
Luty, F. *see* Holland, U. 8-92117
Luty, T. A semimicroscopic approach to the lattice dynamics of molecular crystals 8-75765
Lutz, A.M. *see* Alibrant, P. 8-50026
Lutz, B.L., Danehy, R.G., Ramsay, D.A. Rotational analysis of the 9613 Å band of CH_3D 8-86861
Lutz, B.L. *see* Danehy, R.G. 8-85898
Lutz, F. *see* Huber, G. 8-52556
Lutz, F. *see* Lenth, W. 8-95660
Lutz, G.J., Sato, N. The determination of bismuth by photon activation analysis 8-85273
Lutz, G.R. *see* Callis, R.W. 8-74490
Lutz, H. Multisource deposition rate control using a mass spectrometer as a sensing element 8-72730
Lutz, H. *see* Ghosh, A.K. 8-52122
Lutz, H.O., McMurray, W.R., Pretorius, R., van Heerden, I.J., Morovic, T., Fricke, B., Sepps, W.D. Threshold behaviour of L X-ray excitation in Xe-Ag collisions 8-78793
Lutz, H.O., McMurray, W.R., Pretorius, R., van Reenan, R.J., van Heerden, I.J. Impact-parameter dependence of Ar K X-ray excitation in slow Ar-Ar collisions 8-50628
Lutz, I.C. *see* Hopkins, D.B. 8-66394
Lutz, O., Oehler, H. ^{135}Ba and ^{137}Ba Fourier transform NMR and NQR studies 8-94261
Lutz, O., Oehler, H., Kroneck, P. Chemical shifts and coupling constants in copper (I)-compounds by ^{63}Cu and ^{65}Cu FT-NMR studies 8-94260
Lutz, O., Oehler, H., Kroneck, P. ^{63}Cu and ^{65}Cu Fourier transform nuclear magnetic resonance studies 8-94262
Lutz, O. *see* Gauss, W. 8-84487
Lutz, O. *see* Gunther, S. 8-95529
Lutz, O. *see* Koch, W. 8-95528
Lutz, S. *see* Franks, L.A. 8-58539
Lutzy, M. Noether's theorem and the time-dependent harmonic oscillator 8-93554
Luu, T. *see* Casaset, D. 8-71037
Luu Thanh *see* Thanh Luu
Laud, L., Vennik, Ya., Pekhk, M. A new active period and possible model of CH Cygni 8-69813
Luud, L.S., Ruusalepp, E.A., Kaasik, A.A. Anomalous spectral line contours of Fe II (42) multiplet in the spectrum of Deneb 8-93243
Lux, B. *see* Haour, G. 8-52767, 8-52768, 8-52771
Lux, C.R., Porile, N.T. Compound and precompound emission of α -particles in reactions of even Zn isotopes with low-energy protons and ^4He ions 8-82367
Lux, I. Unified definition of a class of Monte Carlo estimators 8-58334
Lux, I. Remark on the theory of nonanalogue Monte-Carlo games 8-62594
Lux, I. Systematic study of some standard variance reduction techniques 8-78443
Lux, I. *see* Koblinger, L. 8-82413
Lux, R.L., Smith, C.R., Wyatt, R.F., Abildskov, J.A. Limited lead selection for estimation of body surface potential maps in electrocardiography 8-57111
Luyanas, V.Yu. *see* Styro, B.I. 8-61634
Luychx, S. Bartolucci *see* Bartolucci Luychx, S.
Luz, A. *see* Muller, W.A. 8-96069
Luz, Z. *see* Poupko, R. 8-91937
Luza, K.V. Regional geological and seismological studies in the midcontinent 8-85501
Luzanov, A.V. Many-particle correlations of fermion clusters in the method of transition density operators 8-49763
Luzanov, A.V., Pedash, V.F. Localization on $n\pi^*$ excitation in the configuration interaction 8-50482
Luzanov, A.V., Umanskii, V.E. Calculation of the effects of perturbation in the excited states of open shells in the restricted Hartree-Fock method 8-86770

- Luzanov, A.V.**, Vysotskii, Yu.B. Diamagnetic susceptibility of conjugated molecules and their ions, and the principle of quinonoid character 8-62945
- Luzanova, L.M.** *see* Turkin, A.D. 8-50286
- Luzhinskaya, M.G.**, Shilova, N.F., Shur, Ya.S. Interaction domains in high-coercivity alloys subjected to a heat treatment in magnetic fields of various orientations 8-68286
- Luzio, D.** *see* Cosentino, P. 8-65191
- Luznik, J.**, Trontelj, Z. The radiofrequency coil design and the signal intensity for continuous-wave NQR and NMR spectrometers 8-89515
- Luzurei, G.I.** *see* Alikov, B.A. 8-82562
- Luzzatti, E.** *see* Brunetti, B. 8-58768
- Luzzi, G.** *see* La Rotonda, L. 8-64433
- Luzzi, R.**, Miranda, L.C.M. Optical properties of semiconductors under intense laser fields 8-72513
- L'vov, B.V.** Electrothermal atomization—the way toward absolute methods of atomic absorption analysis 8-85260
- L'vov, B.V.**, Pelieva, L.A. The efficiency of lining a graphite furnace with tantalum foil in atomic absorption spectrometry 8-74078
- L'vov, L.N.** *see* Gorshkov, V.K. 8-83853
- L'vov, V.**, Chruslow, E. Disturbance of viscous incompressible liquids by a stream of small particles 8-94804
- L'vov, V.N.** *see* Savenko, V.T. 8-53000
- L'vov, V.S.** Excitation of spin waves by a uniform precession of magnetization due to the two-magnon scattering 8-68207
- L'vov, V.S.**, Mikhailov, A.V. Sound and hydrodynamic turbulence in a compressible liquid 8-55633
- L'vov, Yu.M.** *see* Gonchar, N.A. 8-76987
- L'vova, T.V.** *see* Gol'dberg, Yu.A. 8-74059
- L'vovskii, V.E.**, Erusalimskii, G.B. Program for calculating the electronic structure of molecules by the semiempirical CNDO method 8-86782
- L'vovsky, Yu.M.** *see* Kutateladze, S.S. 8-84346
- Ly Di Hong** *see* Beer, H. 8-74357
- Lyabis, I.A.** *see* Zaparovannyi, Yu.I. 8-49695
- Lyafier, E.I.** *see* Galkin, A.A. 8-55869
- Lyagushchenko, R.I.** *see* Golubovskii, Yu.B. 8-67466
- Lyagushchenko, R.I.** *see* Kolokolov, N.B. 8-71571
- Lyagushcheno, R.I.** *see* Blagoev, A.B. 8-71570
- Lyagushkin, V.P.** *see* Lebedev, A.D. 8-91178
- Lyakhov, G.A.** *see* Abaliev, M.A. 8-83026
- Lyakhov, G.M.**, Okhitin, V.N. Plane waves in nonlinear viscous multicomponent media 8-51228
- Lyakhov, G.M.**, Okhitin, V.N. Nonstationary plane waves in media with bulk viscosity 8-94611
- Lyakhovich, L.S.**, Kraevoi, V.I. Diffusion saturation and formation of boride coatings on high-strength cast iron 8-53032
- Lyakhovitskaya, V.A.** *see* Belyaev, L.M. 8-52445
- Lyakhovitskii, M.M.** *see* Novikov, I.I. 8-71420, 8-94886
- Lyakhovitskii, V.N.**, Meierovich, B.E., Sukhorukov, S.T. Analysis of an ultrarelativistic beam assuming classical ideal-gas statistics 8-63003
- Lyakhovskaya, L.I.**, Ipatov, V.M., Zimkina, T.M. The long-wave 5d X-ray spectra of thorium and uranium in compounds with oxygen and fluorine 8-88382
- Lyalikov, A.S.**, Solov'ev, S.V. Free convective heat transfer of cylinders of limited dimensions in cylindrical housings 8-67008
- Lyalin, A.V.** *see* Kesler, N.A. 8-72990
- Lyalina, N.M.** *see* Bartenev, G.M. 8-76698
- Lyall, H.G.**, Donne, M.D., Meyer, L. Comments on 'Turbulent convective heat transfer from rough surfaces' [and rejoinder] 8-51241
- Lyalyuk, D.F.** *see* Nemish, Yu.N. 8-77696
- Lyamin, V.N.** *see* Alferov, V.N. 8-66440
- Lyamov, V.E.** *see* Korshak, B.A. 8-90615
- Lyamov, V.E.** *see* Lobanov, E.A. 8-95219
- Lyamshv, L.M.**, Sedov, L.V. Optical generation of sound in a liquid half-space with a layer of a different liquid on its boundary 8-51615
- Lyamshv, L.M.** *see* Kasoev, S.G. 8-83882
- Lyamitev, O.V.** *see* Tsarev, V.S. 8-64184
- Lyannoi, N.N.** *see* Belogolovtsev, G.I. 8-87114
- Lyapidevskii, V.K.** *see* Aleksandrov, A.A. 8-83620
- Lyapilin, I.I.** Spin relaxation of conduction electrons in semiconductors without an inversion centre 8-52355
- Lyapin, A.A.** *see* Aver'yanov, V.V. 8-75433
- Lyapin, A.G.** *see* Aksenov, Yu.P. 8-51368, 8-67448
- Lyapunov, V.T.** *see* Barabanov, V.V. 8-83319
- Lyashchenko, A.K.**, Goncharov, V.S., Yastremskii, P.S. Structure and dielectric properties of aqueous solutions of hydrogen peroxide 8-63659
- Lyashenko, A.F.** Determination of spatial characteristics of internal tidal oscillations from temperature measurements in the ocean 8-61434
- Lyashko, I.I.**, Didenko, V.P., Garkusha, V.I. On the first kind equations and Riccati differential equations depending on a parameter 8-54153
- Lyashko, I.I.**, Prikazchikov, V.G., Zhuk, P.F. On simultaneous calculation of the first two eigenvalues of self-conjugate and positive-definite operator 8-54154
- Lyasotskii, I.V.**, D'yakonova, N.B., Tyapkin, Yu.D. Crystal structures of BCC solid solutions formed by transition-group metals 8-83778
- Lyasotskii, I.V.**, Kadykova, G.N., Tyapkin, Yu.D. Structure of solid solutions in BCC titanium-base alloys and the formation of a tetragonal phase during cold deformation 8-88462
- Lycka, M.** *see* Hlawka, J. 8-76111
- Lyckowski, R.W.** Theoretical bases of the drift-flux field equations and vapor drift velocity 8-94807
- Lyckowski, R.W.**, Gidaspo, D., Solbrig, C.W., Hughes, E.D. Characteristics and stability analyses of transient one-dimensional two-phase flow equations and their finite difference approximations 8-51229
- Lyckowski, R.W.**, Mecham, D.C., Solbrig, C.W. RELAP/SLIP—a general purpose one-dimensional two-fluid thermohydraulics computer program 8-94092
- Lygin, V.I.** *see* Grigorovich, S.L. 8-75967
- Lyklema, J.** *see* Bijsterbosch, B.H. 8-80748
- Lykov, A.V.**, Pecherskiy, D.M. Experimental study of the relation between the magnetic properties of basalts and the conditions of their formation 8-73360
- Lyles, R.L., Jr.**, Rothman, S.J., Jager, W. A cyanide-free solution for electropolishing silver 8-88603
- Lyman, F.A.**, Chen, D.-M. Acoustic attenuation in a nonuniform gas containing droplets 8-83154
- Lyman, J.**, Madden, C. The effect of plastic strain followed by aging on the torsion fatigue resistance of quenched and tempered 4340 steel 8-92360
- Lyman, J.** *see* Freedy, A. 8-53576
- Lyman, J.** *see* Szeto, A.Y.J. 8-69255
- Lyman, J.** *see* Vernikos-Danelis, J. 8-53536
- Lyman, J.L.**, Feldman, B.J., Fischer, R.A. Effect of CO₂ laser-pulse mode quality on multiple photon absorption in SF₆ 8-66615
- Lyman, J.L.**, Leary, K.M. Absorption of infrared radiation by a large polyatomic molecule: CO₂ laser irradiation of disulfur decafluoride 8-94241
- Lyman, J.L.** *see* Freund, S.M. 8-58858
- Lyman, J.L.** *see* Karl, R.R., Jr. 8-86923
- Lyman, J.L.** *see* Leary, K.M. 8-53225
- Lyman, J.L.** *see* Loree, T.R. 8-55211
- Lyman, J.T.** *see* Raju, M.R. 8-85379
- Lynall, I.H.** *see* Miller, R.J. 8-51766
- Lynch, B.R.**, Davidson, R.C., Farish, O. Corona and breakdown in a supersonic air stream 8-67573
- Lynch, D.R.**, Gray, W.G. Finite element simulation of shallow water problems with moving boundaries 8-92847
- Lynch, F.J.** *see* Holland, R.E. 8-78310
- Lynch, G.** *see* Burnett, T.H. 8-89853, 8-89854
- Lynch, G.F.** Neutron sensitivity of platinum self-powered detectors 8-78557
- Lynch, G.F.** On-line infrared heavy-water instruments: status, economics and prospects 8-82038
- Lynch, G.R.** Some properties of the hadronic system in neutrino interactions 8-78165
- Lynch, G.R.** *see* Bell, J. 8-54625, 8-93872, 8-93873
- Lynch, H.L.** *see* Berdelik, R. 8-62416
- Lynch, H.L.** *see* Pranzelli, I. 8-74252
- Lynch, H.L.** *see* Tanenbaum, W. 8-66113
- Lynch, J.D.** *see* Zencka, A.E. 8-81028
- Lynch, J.F.**, Reilly, J.J., Millot, F. The absorption of hydrogen by binary vanadium-chromium alloys 8-87862
- Lynch, M.F.**, Willett, P. The automatic detection of chemical reaction sites 8-92476
- Lynch, M.F.** *see* Evans, L.A. 8-90319
- Lynch, R.E.** *see* Houstis, E.N. 8-65756
- Lynch, S.P.** Effect of environment on fracture-mechanisms of liquid-metal embrittlement, stress-corrosion cracking and corrosion-fatigue 8-64676
- Lynch, T.J.** *see* Brown, R.K. 8-63711
- Lyndel-Bell, D.** Gravity power 8-57667
- Lynden-Bell, D.** Arbitrarily slow irreversibility 8-70083
- Lynden-Bell, D.** *see* Katz, J. 8-89395
- Lyndin, N.M.** *see* Prokhorov, A.M. 8-79106
- Lyndin, V.V.** *see* Valuev, N.P. 8-53099, 8-53148
- Lynds, C.R.** *see* Rubin, V.C. 8-81680
- Lynds, C.R.** *see* Young, P. 8-57631
- Lynds, R.** *see* Wills, D. 8-65714
- Lyne, A.G.** A new pulsar survey 8-69821
- Lyne, A.G.** *see* Manchester, R.N. 8-77569
- Lyne, A.G.** *see* Smith, F.G. 8-93292
- Lynen, U.** *see* Barrette, J. 8-58296
- Lynen, U.** *see* Eyal, Y. 8-82373
- Lynen, U.** *see* Graw, G. 8-54788
- Lynen, U.** *see* Olmi, A. 8-82375
- Lynga, G.** A galaxy in a Milky Way window 8-69877
- Lynn, E.K.**, Serpan, C.Z., Jr. Advances in fracture mechanics analyses of primary system performance under operating and accident conditions 8-66342
- Lynn, J.W.**, Moncton, D.E., Shirane, G., Thomlinson, W., Eckert, J., Shelton, R.N. Neutron diffraction study of magnetic order in the ternary superconductor ErMo₂Se₈ 8-68125
- Lynn, J.W.**, Moncton, D.E., Thomlinson, W., Shirane, G., Shelton, R.N. Direct observation of long range ferromagnetic order in the reentrant superconductor HoMo₂Se₈ 8-76190
- Lynn, K.G.** *see* Bieman, L.H. 8-68272
- Lynn, K.G.** *see* MacDonald, J.R. 8-70722
- Lynn, P.A.** *see* Parker, W.R. 8-61271
- Lynn, P.P.**, Ingrassia, A.R. Transition elements to be used with quarter-point crack-tip elements 8-63376
- Lynn, R.E.** *see* Anastas, M.Y. 8-94625
- Lynnworth, L.C.** Selected alternatives to conventional ultrasonic flowmeter cell designs 8-59528
- Lynnworth, L.C.**, Papadakis, E.P., Fowler, K.A. Ultrasound propagation measurements and applications 8-53167
- Lyo, S.K.** Electron-phonon enhancement of thermoelectricity in metals 8-56135
- Lyo, S.K.** *see* Holstein, T. 8-92105
- Lyon, J.F.** *see* Goldston, R.J. 8-62643
- Lyon, S.A.**, Smith, D.L., McGill, T.C. Edge luminescence spectra of acceptors in Si: Implications for multiexciton complexes 8-56517
- Lyon, S.A.**, Smith, D.L., McGill, T.C. Thermodynamic determination of work functions of bound multiexciton complexes 8-72078
- Lyon, S.A.** *see* Chen, M. 8-88353
- Lyon, W.G.**, Osborne, D.W., Flotow, H.E., Grandjean, F., Hubbard, W.N., Johnson, G.K. Thermodynamics of the lanthanide trifluorides. I. The heat capacity of lanthanum trifluoride, LaF₃ from 5 to 350K and enthalpies from 298 to 1477K 8-79781
- Lyon, W.S.**, Ross, H.H. Nucleonics 8-82262
- Lyon, W.S.** *see* Eldridge, J.S. 8-89994
- Lyons, A.**, Gruska, R.P., Case, C., Subbarao, S.N., Wold, A. The preparation and characterization of some skutterudite related compounds 8-52700
- Lyons, K.B.**, Fleury, P.A. Light-scattering investigation of the ferroelectric transition in lead germanate 8-56439
- Lyons, K.B.** *see* Fleury, P.A. 8-83903
- Lyons, L.** *see* Eisenberg, Y. 8-54657
- Lyons, L.R.**, Richmond, A.D. Low-latitude E region ionization by energetic ring current particles 8-77415
- Lyons, P.B.** *see* Franks, L.A. 8-58539
- Lyons, R.G.** Providing software flexibility for optical processor noise analysis 8-81955
- Lyons, R.W.** *see* Turner, D.G. 8-73721
- Lyons, T.** *see* Cutts, D. 8-78380, 8-89746
- Lyons, W.B.** *see* Loder, T.C. 8-61394
- Lypka, R.B.** *see* Chen, J.D. 8-94076
- Lysak, L.I.** Crystal geometry of the formation of the ϵ' -, ϵ -, N' -, and α -martensitic phases in steel 8-76648
- Lysak, V.A.** *see* Il'yushonok, A.S. 8-85420
- Lysakov, V.N.** *see* Aver'yanov, V.V. 8-75433
- Lysakov, V.S.** An evaluation of electron capture cross-sections by means of impurity microdefects in quartz 8-76025
- Lysakov, V.S.** Investigation of the luminescence of quartz activated by manganese ions 8-84626
- Lysakov, V.S.**, Solntsev, V.P. Investigation of luminescence and capture centres in zinc and magnesium tungstates 8-52543
- Lysanov, Yu.P.** *see* Volovov, V.I. 8-50991
- Lysenko, L.A.** *see* Yarmolyuk, Ya.P. 8-83774
- Lysenko, M.V.** *see* Zaleskii, V.V. 8-76815, 8-95894
- Lysenko, V.N.**, Khokholev, V.K. Distribution of seismoacoustic activity near the face of a coal bed 8-73320
- Lysenko, V.S.**, Nazarov, A.N., Kaschieva, S.B., Lokshin, M.M., Polishchuk, Yu.Ya., Ustliko, V.V. Energy spectrum of radiation defects in MOS structures implanted with B ions of different energies 8-88488
- Lysenko, V.S.**, Nazarov, A.N., Lokshin, M.M., Kaschieva, S.B. Influence of laser radiation on electrical properties of insulator-semiconductor interfaces in metal-insulator-semiconductor structures doped by B⁺ ion implantation 8-72272
- Lysenko, V.S.**, Sachenko, A.V., Nazarov, A.N., Kaschieva, S.B. Effect of implanted B⁺ ions on the voltage-capacitance characteristics of MOS-structures 8-80056
- Lysik, B.** *see* Kasprzak, W. 8-49636, 8-54171
- Lysikov, Yu.I.** Dynamics of a vapor-gas bubble formed by laser breakdown in a liquid 8-51226

- Lysikov, Yu.I.** Role of thermal stresses in optical breakdown of transparent dielectrics 8-95547
- Lyskov, V.A.** *see* Zaikin, Yu.V. 8-76180
- Lysovich, A.B.** *see* Bolesta, I.M. 8-59911
- Lysne, P.C.** Electrical response of relaxing dielectrics compressed by shock waves: The axial-mode problem 8-80280
- Lysne, P.C.** Dielectric properties of shock-wave-compressed PMMA and an alumina-loaded epoxy 8-80281
- Lysne, P.C.** Electrical response of a slim-loop-ferroelectric ceramic compressed by shock waves 8-80293
- Lysov, V.I.** *see* Isai, V.N. 8-59847
- Lysov, Yu.P.** *see* Sharonov, Yu.A. 8-76997
- Lysynchuk, V.M.** Sedimentary cover structure of the Dnieper-Donets depression along the line of the Jagotin-Baturin profile (by the data of the method of common deep point) 8-92806
- Lythgoe, J.N.** *see* Loew, E.R. 8-69041
- Lytle, J.D., Morrow, H. (editor)** Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.107. Stray-light Problems in Optical Systems 8-59112
- Lyubalin, M.D.** Effect of the kinetic factor on impurity distribution during growth of crystals from melts 8-52656
- Lyubchanskii, I.L., Ovander, L.N., Sukstanskii, A.L.** Rayleigh and hyper-Rayleigh light scattering in crystals with defects 8-60478
- Lyubchenko, A.P., Sevenko, G.P., Uritskii, Yu.S.** Phase composition of cast irons inoculated with cerium 8-56620
- Lyubchenko, A.P., Sevenko, G.P., Uritskii, Yu.S.** Sequence of formation of new phases during crystallisation of cerium hypoeutectic cast irons 8-95731
- Lyubchenko, A.P.** *see* Kosevich, V.M. 8-68695
- Lyubchenko, A.V.** *see* Grishchenko, G.A. 8-68053
- Lyubchenko, G.G.** Functional changes and superpositions of numerical graphs 8-89293
- Lyubchenko, L.S.** *see* Grigorovskaya, V.A. 8-55816
- Lyubeshkina, E.G., Belova, L.T., Fridman, M.L., Berezkin, V.I., Gul', V.E.** Investigation of the effect of ingredients of polymer composition on polypropylene base using the method of electron paramagnetic resonance during reworking 8-68668
- Lyubimkov, L.S.** Depths of formation of spectral lines and the curve-of-growth method 8-65604
- Lyubimov, E.M.** *see* Kirillov, N.I. 8-55325
- Lyubimov, G.P.** *see* Volodin, E.Ya. 8-53779
- Lyubimov, V.A.** Backward scattering of pions by nucleons 8-62461
- Lyubimov, V.B.** *see* Angelov, N. 8-89920
- Lyubimov, V.B.** *see* Anoshin, A.I. 8-54805
- Lyubimov, V.D.** *see* Fedorenko, V.V. 8-52746
- Lyubimov, V.M.** *see* Akopyan, S.Ts. 8-61349
- Lyubimov, V.N.** Strain-wave velocities, Poisson ratios and the possible domain of values of the elastic moduli of crystals 8-51609
- Lyubimova, E.A., Maslennikov, A.I., Ganiev, Yu.A.** Thermal properties of water-saturated and petroleum-saturated sedimentary and igneous minerals 8-92817
- Lyubimtsev, V.I.** *see* Gorbacheva, I.V. 8-65509
- Lyubin, L.Ya.** *see* Novikov, P.A. 8-67003
- Lyubinskii, I.A., Pozin, N.V., Shmelev, L.A.** Model of the system of binaural hearing. II. Monaural processing of information on short sounds 8-65031
- Lyubinskii, I.A., Pozin, N.V., Shmelev, L.A.** Model of the system of binaural hearing. III. Binaural processing of information on short sounds 8-80885
- Lyubitskii, A.A., Leikin, I.A., Rosenberg, A.D.** Measurement of the temperature fine structure from a solid base in the Caspian Sea 8-73379
- Lyubitskii, A.A., Leikin, I.A., Rosenberg, A.D.** Measurements of short internal waves in the near-surface thermocline [Caspian Sea] 8-81231
- Lyubomudrov, O.V.** *see* Vesnina, V.A. 8-89438
- Lyuboshits, V.L.** The unitary sum rules and collision time in large resonance level overlaps 8-70309
- Lyuboshits, V.L., Smorodinskii, Ya.A.** Aharonov-Bohm effect in a toroidal solenoid 8-77770
- Lyubov, S.K.** *see* Bobykin, B.V. 8-71022
- Lyudagovskii, A.V.** *see* Antsiferov, V.N. 8-56844
- Lyudvinskii, A.I., Dryshlyuk, T.V., Karyakina, T.I.** The relation between the rheological properties of magnesite-chromite compositions and the physicochemical properties of the specimens 8-60628
- Lyukov, V.V.** *see* Bynatov, S.A. 8-89816
- Lyuksyutov, I.F.** Smectic-A-smectic-C phase transition of the first kind 8-71844
- Lyuksyutov, I.F.** Topological instability of singularities at small distances in nematics 8-79531
- Lyuksyutov, I.F.** On the scattering of light in smectic A 8-87618
- Lyul', A.Yu.** *see* Kolesnikov, E.M. 8-96430
- Lyulichev, A.N.** *see* Agashkova, N.N. 8-95850
- Lyunovskii-Gurov, Yu.A., Yudin, R.N.** Automatic temperature indicator 8-86257
- Lyus, M.L.** *see* Potts, A.W. 8-62843, 8-62845
- Lyutii, E.M.** *see* Maximovich, G.G. 8-92266
- Lyutsko, A.M.** *see* Vygodskaya, N.N. 8-61617
- Lyutyi, E.M.** *see* Kissil', A.E. 8-56692
- Lyutyi, E.M.** *see* Maksimovich, G.G. 8-56710
- Lyutyi, V.M.** Optical variability of the nuclei of Seyfert galaxies. II. U, B, V, and H α photometry 8-96543
- Lyrra, M.** *see* Appelblad, O. 8-82748
- Lyrra, M.** *see* Brzozowski, J. 8-62864
- Lyzhin, A.V., Gasilov, G.L.** Biomechanical operating principles of a novel prosthesis for restoring the function of joints 8-69257
- M. Kwak Byung** *see* Byung M. Kwak
- M-Tehrani, M., Mandel, L.** Coherence theory of the ring laser 8-55387
- M-Tehrani, M., Mandel, L.** Intensity fluctuations in a two-mode ring laser 8-55388
- Ma, C.** *see* Wittels, J.J. 8-69896
- Ma, C.H., Hutchinson, D.P., Vander Sluis, K.L.** A submillimeter-wave polarimeter for plasma diagnostics 8-91158
- Ma, E., Okada, J.** How many neutrinos? 8-82258
- Ma, E., Pakvasa, S.** Gauge models of the VV+AA type and their effective neutrino interactions 8-66038
- Ma, K.B., Inkson, J.C.** Possible re-evaporation of two-dimensional Wigner crystals at extremely low densities 8-56085
- Ma, K.M.** *see* Birkemeier, W.P. 8-53542
- Ma, L., Middlemiss, K.M., Torrie, G.M., Whittington, S.G.** Location of the adsorption transition for polymers with excluded volume—Monte Carlo and enumeration results 8-67906
- Ma, S.M., Eyring, H., Lin, S.H., Wutz, D., Fujimura, Y.** Temperature dependence of rate constants of thermal activated processes and vibrational relaxation in starvation kinetics 8-95908
- Ma, T.-P., Ma, W.H.-L.** Low pressure r.f. annealing: A new technique to remove charge centres in MIS dielectrics 8-56230
- Ma, W.H.-L.** *see* Ma, T.-P. 8-56230
- Ma, W.H.-L.** *see* Tso-Ping Ma 8-88035
- Ma Da-You, Li Pei-Zi, Dai Gen-Hua, Wang Hong-Yu** Pressure dependence of turbulent jet noise 8-67235
- Ma Dai** *see* Chen Yi-zhi 8-95751
- Ma Shang-Keng** *see* Shang-Keng Ma
- Ma Sung, L.S., Earl, J.A.** Interplanetary propagation of flare-associated energetic particles 8-65468
- Ma Tso-Ping** *see* Tso-Ping Ma
- Ma Wai-Tak** *see* Wai-Tak Ma
- Ma, J.S., Huang, T.L., Sung, M.F., Chang, Y., Chiue, S.C.** Use of centrifugal disk atomizer to produce CdS films 8-92189
- Maa Jer-Shen** *see* Jer-Shen Maa
- Maagt, B.J.de** *see* de Maagt, B.J.
- Maanen, G.A.van** *see* van Maanen, G.A.
- Maaref, H., Barrau, J., Brousseau, M., Collet, J., Mazzaschi, J., Pugnet, M.** First-order Mott transition of the exciton gas in GaP 8-76535
- Maaroes, A.A.** *see* Lushchik, Ch.B. 8-91359
- Maarse, J.** Crack closure related to fatigue crack propagation 8-67099
- Maartens, R., Nel, S.D.** Decomposable differential operators in a cosmological context 8-57825
- Maartens, R.** *see* Ellis, G.F.R. 8-93491
- Maartense, I., Searle, C.W., Mier, M.G.** Bubble film characterization by AC susceptibility measurements 8-68325
- Maas, J.P.M.** Infrared absorption spectrum of potassium formate, dependent on the sampling technique 8-52508
- Maas, J.W., Holvast, A.J.C.D., Baghus, A., Aarts, H.J.M., Endt, P.M.** Bound states of ^{27}Al studied at selected $^{26}\text{Mg}(p, \gamma)^{27}\text{Al}$ resonances 8-66206
- Maas, J.W., Somorjai, E., Graber, H.D., Van Den Wijngaert, C.A., Van Der Leun, C., Endt, P.M.** Investigation of ^{28}Si levels with the (α, γ) and (p, γ) reactions 8-66205
- Maas, P.** Discussion of the use of fast Fourier transform for spectra analysis [for teachers] 8-81750
- Maaskant, W.J.A.** *see* Crama, W.J. 8-63713
- Maass, M.** *see* Schmidt, M. 8-68631
- Maass, W., Petzold, J.** On the stability of motion of a radiating electron 8-65789
- Maathuis, W.S.T.** *see* Sleeswyk, A.W. 8-84892
- Mabbott, G.A.** *see* Bladel, W.J. 8-92487
- Mabey, W., Mill, T.** Critical review of hydrolysis of organic compounds in water under environmental conditions 8-76856
- Mabuchi, T.** Magneto-optical effects on exciton bands in evaporated cuprous halide films 8-72624
- Mabud, S.A.** *see* Glazer, A.M. 8-51475, 8-51476
- Mc Dermott, C., Ashton, N.** Note on the definition of local composition 8-83702
- MacAdam, D.L.** Colorimetric data for samples of OSA uniform color scales 8-65952
- McAdams, R.E.** *see* Lind, V.G. 8-89913
- McAdoo, D.C., Caldwell, J.G., Turcotte, D.L.** On the elastic-perfectly plastic bending of the lithosphere under generalized loading with application to the Kuril Trench 8-73341
- McAdoo, D.C.** *see* Turcotte, D.L. 8-81135
- McAfee, J.R.** *see* Reid, G.C. 8-96273
- McAfee, R., Jr.** *see* Gary, M. (editor) 8-88833
- Mcagno, E.R.** Mechanism for the formation of synaptic projections in the arthropod visual system 8-88707
- McAlister, H.A.** Binary stars unresolved by speckle interferometry 8-73735
- McAlister, H.A.** Masses and luminosities for the spectroscopic/speckle interferometric binary 12 Persei 8-93305
- McAlister, S.P.** The Hall effect in spin glasses 8-68267
- McAlister, S.P.** *see* Hurd, C.M. 8-64029
- McAllister, G.T.** *see* Rohde, S.M. 8-77674, 8-79288
- McAllister, H.C.** *see* Doherty, L.R. 8-57517
- McAllister, I.W.** A multiple protrusion model for surface roughness effects in compressed SF_6 8-63609
- McAllister, I.W.** Electron avalanche current pulse measurements in non-uniform fields 8-67556
- Macallister, J.B.** *see* Armstrong, T.A. 8-89744
- McAllister, J.E.** *see* Ezekwe, C.I. 8-94656
- McAllister, P.B., Carter, T.J., Hinde, R.M.** Structure of the quenched form of polypropylene 8-67661
- McAllum, W.E.** *see* Pitts, D.E. 8-65389
- MacAlpine, G.M., Lewis, D.W.** Curtis Schmidt-thin prism survey for extragalactic emission-line objects. University of Michigan List IV 8-77494
- Macander, A.B., Mulville, D.R.** Failure analysis of an adhesively bonded graphite composite/steel scarf joint 8-92350
- MacAndrew, J.A.** Sensitivity and non-linearity of Shipley AZ-1375 photoresist and 441.6 and 457.9 nm 8-90475
- Macarie, G.** *see* Bogdan, D. 8-82316
- Macarie, G.** *see* Cretu, T. 8-74532
- MacArthur, J.D.** *see* Mak, H.-B. 8-82341
- Macau-Hercot, D.** *see* Cucchiaro, A. 8-69794
- Macaulay, P.B.** *see* Horacek, B.M. 8-81033
- Macauley, M.W.S.** *see* Arthur, R.G. 8-62520
- Macauley, M.W.S.** *see* Knight, E.A. 8-58525
- Macauley, M.W.S.** *see* Singhal, R.P. 8-62523
- Macauley, R.** *see* Crooks, M.J. 8-73813
- McAuliff, R.C., Lentner, K.J., Moore, W.J.M., Schuster, G.** An international comparison of power measurements at 120 volts, 5 amperes, 60 hertz 8-93735
- McBeth, G.W.** *see* Jordan, D.R. 8-94173, 8-94178
- McBreen, B.** Possible new methods of detecting cosmic-ray electrons by their synchrotron radiation in the geomagnetic field and interstellar magnetic field 8-57412
- McBreen, P.** *see* Moskovits, M. 8-72619
- McBride, D.W.** *see* Gesser, H.D. 8-92216
- McBride, S.L., Hutchison, T.S.** Absolute calibration of the helium gas jet noise source 8-59228
- McBryan, O.A.** The ϕ^4 quantum field as a limit of sine-Gordon fields 8-82094
- McBurney, R.N., Barker, J.L.** GABA-induced conductance fluctuations in cultured spinal neurones 8-80867
- Maccabee, B.S., Grover, C.G.** Veiling glare in camera lens systems 8-58085
- Maccacaro, T.** *see* Ward, M.J. 8-89273
- McCaffery, A.J.** *see* Jayes, S.R. 8-90271
- McCaffery, B.J., Rockett, J.A.** Static pressure measurements of enclosure fires 8-90871
- McCaldin, J.O.** *see* Scranton, R.A. 8-95188
- McCall, A.** *see* Hough, J.H. 8-96534
- McCall, G.N.** *see* Conture, E.G. 8-65057
- McCall, J.M., Fluendy, M.A.D.** Signal enhancement by velocity modulation in time-of-flight analysis of atomic and molecular beam scattering 8-86969
- McCall, M.H., Squires, E.J.** An evaluation of the bubble contribution to the sea 8-93851
- McCall, M.L.** *see* Smith, M.A. 8-89201
- McCalla, B.A.** *see* Yates, B. 8-95164, 8-95165
- MacCallum, C.** *see* Pratt, R.H. 8-62920
- MacCallum, C.J.** *see* Leventhal, M. 8-93475
- MacCallum, R.W.** *see* Oseroff, S. 8-88184

- McCamis, R.H.**, Cameron, J.M., Greeniaus, L.G., Hutcheon, D.A., Miller, C.A., Moss, G.A., Roy, G., De Jong, M.S., Murdoch, B.T., Van Oers, W.T.H., Rogers, J.G., Stetz, A.W. Large angle cross section and analyzing power for proton-⁴He elastic scattering between 185 and 500 MeV 8-74363
- McCammon, J.A.** see Ermak, D.L. 8-91209
- McCammond, D.**, Noga, M. The effect of surface finish on the strength and craze resistance of polymethylmethacrylate in some fluids 8-76724
- McCann, G.D.** see Fargason, R.D. 8-69078
- McCann, H.** see Baubillier, M. 8-93877
- McCann, J.J.** Visibility of gradients and low spatial frequency sinusoids: evidence for a distance constancy mechanism 8-65018
- McCann, J.J.**, Savoy, R.L., Hall, J.A., Jr. Visibility of low-frequency sine-wave targets: dependence on number of cycles and surround parameters 8-69075
- McCann, R.A.** see Aase, D.T. 8-62614
- McCann, R.A.** see Bampton, M.C.C. 8-66409
- McCann, R.P.** see Bartel, L.C. 8-69543
- McCarthy, A.L.** see Jessup, B.L. 8-59567
- McCarthy, C.J.**, Stevens, R.E. Dimensions in image analysis 8-89597
- McCarthy, D.W.**, Howell, R., Low, F.J. Apparent variation in the diameter of a Ceti at 10.2 microns 8-93267
- McCarthy, G.J.**, White, W.B., Roy, R., Scheetz, B.E., Komarneni, S., Smith, D.K., Roy, D.M. Interactions between nuclear waste and surrounding rock 8-54853
- McCarthy, G.J.** see Dunlap, B.D. 8-67990
- McCarthy, I.E.**, Uylings, P., Poppe, R. Comparison of (e,2e), photoelectron and conventional spectroscopies for the Ar II ion 8-90298
- McCarthy, I.E.** see Bransden, B.H. 8-90300
- McCarthy, I.E.** see Camilloni, R. 8-62926
- McCarthy, I.E.** see Dixon, A.J. 8-55245
- McCarthy, I.E.** see Fuss, I. 8-55246
- McCarthy, I.E.** see Lucas, C.B. 8-50646
- McCarthy, I.E.** see Wright, P.C. 8-50169
- McCarthy, J.F.**, Forrest, W.J., Houck, J.R. 16-38 micron spectroscopy of NGC 7027 8-93354
- McCarthy, J.S.** see Arnold, R.G. 8-62521
- McCarthy, J.S.** see Cole, R.H. 8-50215
- McCarthy, J.S.** see Lichtenstaid, J. 8-50155
- McCarthy, J.S.** see Papanicolaou, C.N. 8-78366
- McCarthy, P.J.** Backlund transformations as nonlinear Dirac equations 8-49965
- McCarthy, R.** see Schamberger, R.D., Jr. 8-58215
- McCarthy, R.J.** see Sandel, M.S. 8-50102
- McCarthy, R.L.** see Lee-Franzini, J. 8-70513
- McCartney, D.J.** see Bates, B. 8-77490
- McCartney, L.N.** A theoretical explanation of the delaying effects of overloads on fatigue crack propagation 8-67093
- McCartney, L.N.** Theory of stable crack growth in an elastic-perfectly plastic material 8-79272
- McCartor, G.** Error bounds for the complex-coordinate method 8-49705
- McCartor, G.**, Jackson, H.W. Vortex states in nonrotating liquid ⁴He 8-55996
- McCarty, R.E.** see Hinkle, P.C. 8-61151
- McCaslin, J.B.** see Hewitt, J.E. 8-53538
- McCathern, D.A.** see Adler, L. 8-67896
- McCauley, J.W.** A simple model for aluminum oxynitride spinels 8-91333
- McCawley, F.X.** see Carter, J.P. 8-85032
- McCeney, P.J.** Applications Technology Satellite program 8-81515
- MacChesney, J.B.** see Jaeger, R.E. 8-55479
- MacChesney, J.B.** see Wood, D.L. 8-80472
- Macchetto, F.** Ultraviolet and visible astronomy from space 8-61704
- Macchetto, F.**, Penston, M.V. The International Ultraviolet Explorer 8-89060
- Macchetto, F.** see Boggess, A. 8-96382, 8-96383
- Macchetto, F.** see Boksenberg, A. 8-96540
- Macchetto, F.** see Dupree, A.K. 8-96569
- Macchetto, F.** see Grewing, M. 8-96524
- Macchetto, F.** see Heap, S.R. 8-96474
- Macchetto, F.** see Lane, A.L. 8-93133
- Macchetto, F.** see Linsky, J.L. 8-96475
- Macchi, E.** see Dotti, D. 8-57116
- McClain, F.W.** see Hensen, T.H. 8-79421
- McClaskey, R.**, Jacob, R.J., Hite, G.E. Applications of interior dispersion relations to pion photoproduction near threshold 8-93889
- McClay, K.R.**, Carlile, D.G. Mid-proterozoic sulphate evaporites at Mount Isa mine, Queensland, Australia 8-73371
- McClean, M.** Effects of auditory masking on lip movements during speech 8-65061
- McClean, V.E.R.** see Peyrelasse, J. 8-56426
- McClean, W.A.**, Swain, S. Effect of linewidth on the phaseshifts in the scattering of weakly amplitude modulated light 8-50505
- McClean, W.A.**, Swain, S. Theory of resonant two-photon ionisation 8-58631
- McClean, W.A.**, Swain, S. Theory of N-photon ionisation with short laser pulses 8-86835
- McClellan, A.D.**, Cohan, C.S. Dual-channel audio monitor for distinguishing action potentials from two different sources 8-61293
- McClellan, G.**, Didwall, E.M., Rigby, C.J. Experiments on the photoelectric effect and on the diffusion of electrons in gases 8-81745
- McClellan, S.** see Clarkson, R.B. 8-61046
- McClelland, J.**, Silk, J. The correlation function for density perturbations in an expanding universe. III. The three-point and predictions of the four-point and higher order correlation functions 8-65730
- McClelland, J.** see Biegert, E. 8-93901
- McClelland, J.G.** see Nasser, M.A. 8-70532
- McClenahan, C.R.** see Baker, W.L. 8-94927
- MacClennan, C.G.** see Lanzerotti, L.J. 8-93026
- McClenny, W.A.**, Russwurm, G.M. Laser monitoring techniques for trace gases 8-69521
- McClintock, F.A.** Plastic flow around a crack under friction and combined stress 8-79280
- McClintock, J.E.**, Canizares, C.R., Backman, D.E. Optical identification of 4U 1735-44 (=MXB 1735-44) and its similarity to Scorpius X-1 8-93468
- McClintock, J.E.** see Canizares, C.R. 8-93335
- McClintock, J.E.** see Grindlay, J.E. 8-81708
- McClintock, J.E.** see Jernigan, J.G. 8-54094
- McClintock, P.V.E.** Liquid level detector for a pumped bath of He II 8-49843
- McClintock, P.V.E.** An apparatus for preparing isotopically pure He⁴ 8-57959
- McClintock, P.V.E.** see Allum, D.R. 8-55997
- McClintock, W.**, Moos, H.W., Henry, R.C., Linsky, J.L., Barker, E.S. Ultraviolet observations of cool stars. VI. Λ and Mg II emission line profiles (and a search for flux variability) in Arcturus 8-81620
- McClung, R.E.D.**, Krishna, N.R. Fourier transform double-resonance NMR on two- and three-spin systems 8-80249
- McClure, B.T.**, Krafthefer, B.C. Ion chamber response to particulate matter 8-88933
- McClure, J.J.**, Nathrath, N. The plasma centrifuge. I. Uranium partial pressure distributions 8-74501
- McClure, J.L.** see Cezairliyan, A. 8-95161
- McClure, J.P.** see Aarons, J. 8-77404
- McClure, J.W.** see Dillon, R.O. 8-95304
- McClure, R.D.**, Newell, B., Barnes, J.V. PDS photometry of the open cluster NGC 2420 8-57600
- McClure, R.E.**, Vaher, E. An improved ring laser bias element 8-79061
- McCluskey, G.E.** see Kondo, Y. 8-57577
- McClusky, G.A.** see Kondrat, R.W. 8-92550
- Macco, F.**, Lehmann, W., Breitling, W., Slawska-Waniewska, A.E., Weber, R., Durr, U. Magnetic excitations in the two dimensional planar antiferromagnets K₂FeF₄ and Rb₂FeF₄ 8-72343
- McColgan, C.J.** see Larson, R.S. 8-63466
- McComb, W.D.**, Rabie, L.H. Drag-reducing polymers and turbulent bursts 8-63454
- McCombe, B.D.** see Kennedy, T.A. 8-64363
- McCombe, B.D.** see Quinn, J.J. 8-64104
- McCombie, C.**, Schmoecker, U., Seifritz, W. Thorium in fast breeder reactors—investigations at EIR on [the physics of] new fuel cycles 8-94109
- McConkey, J.W.** see King, G.C. 8-58846
- MacConnell, D.J.** Micrometer observations of double stars. I 8-57582
- MacConnell, D.J.** Discoveries on southern, red-sensitive objective-prism plates. I. A new list of suspected planetary nebulae 8-77496
- McConnell, G.** see Christie, J.S. 8-54428
- McConnell, J.C.**, Schiff, H.I. Methyl chloroform: impact on stratospheric ozone 8-53722
- McConnell, M.L.** Polymer molecular weights and molecular weight distributions by low-angle laser light scattering 8-92230
- McCord, T.B.** see Adams, J.B. 8-61765
- McCord, T.B.** see Gaffey, M.J. 8-61786, 8-69736
- McCorkle, D.L.**, Christophorou, L.G., Maxey, D.V., Carter, J.G. Ramsauer-Townsend minima in the electron-scattering cross sections of polyatomic gases: methane, ethane, propane, butane, and neopentane 8-87427
- McCorkle, R.A.** Soft X-ray emission by an electron-beam-sliding-spark device 8-79444
- McCorkle, R.A.** see Dreyfus, R.W. 8-94396
- McCormick, A.R.** see Chu, T.C. 8-71202
- McCormick, A.R.** see Ogawa, K. 8-74970
- McCormick, B.J.** see Stiller, A.H. 8-83733
- McCormick, G.C.** see Allan, L.E. 8-66716
- McCormick, J.W.P.** see Armstrong, T.A. 8-89744
- McCormick, M.E.** Wind-wave power available to a wave energy converter array 8-81216
- McCormick, M.G.** see Wartzok, D. 8-69077
- McCormick, M.V.**, Wahnner, H.W. Effect of background radiation change on measurements of iodine by X-ray fluorescence technique 8-73216
- McCormick, N.J.**, Veeder, J.A.R. On the inverse problem of transport theory with azimuthal dependence 8-57872
- McCormick, P.G.** see Yeomans, S.R. 8-72782
- McCorquodale, J.A.** see Hannoura, A.A. 8-91012
- McCourt, F.R.**, Tenti, G. Low density spectrum of transverse NMR in molecular gases. Application to lithium 8-74681
- McCourt, F.R.** see Liu, W.-K. 8-70894
- McCowan, D.W.** High-resolution group velocity analysis 8-81111
- McCown, S.M.**, Earnest, C.M. Gas chromatographic detectors. A syllabus of errors 8-92554
- McCoy, D.G.**, Morton, J.M., Marr, G.V. The angular distribution of photoelectrons as a function of photon energy for the ground state photoionisation of molecular oxygen 8-90235
- McCoy, D.G.** see Lewis, B.R. 8-90186
- McCoy, M.G.** see Cordey, J.G. 8-78491
- McCracken, C.W.** see Brown, L.W. 8-54003
- McCracken, G.M.** see Braganza, C.M. 8-79645, 8-95095, 8-95939
- McCracken, G.M.** see Fielding, S.J. 8-94132
- McCracken, G.M.** see Goodall, D.H.J. 8-59611
- McCracken, G.M.** see Sofield, C.J. 8-94136
- McCracken, M.C.**, Wuebbles, D.J., Walton, J.J., Duewer, W.H., Grant, K.E. The Livermore Regional Air Quality model. I. Concept and development 8-92965
- McCracken, M.C.** see Duewer, W.H. 8-92966
- MacCracken, M.C.** see Potter, G.L. 8-81357
- McCraw, R.J.**, Schulman, L.S. Metastability in the two-dimensional Ising model 8-72354
- McCray, R.** see Langer, S.H. 8-65488
- McCray, R.** see Shull, J.M. 8-93408
- McCrea, W.H.** Variable G 8-69675
- McCready, V.R.** see Chu, J.M.G. 8-80930
- McCready, W.A.** see Robinson, J.E. 8-64942
- McCreary, J.** see Moore, D. 8-88836
- McCreary, W.J.**, Catlett, D.S. The application of chemical vapour deposition to the fabrication of laser fusion targets 8-60861
- McCreary, W.J.** see Grimmer, D.P. 8-52683
- McCreery, C.S.** see Walker, D.A. 8-77195
- McCreery, R.L.** see Hung-Yuan Cheng 8-61086
- McCreight, C.R.** see Vorreiter, J.W. 8-96400
- McCreight, L.R.**, Griffin, R.N., Locker, R.J., Giannovario, J.A. Continuous flow electrophoretic separator for biologicals 8-85398
- MacCrone, R.K.** see Rawal, B.S. 8-72148, 8-72564
- MacCrone, R.K. (editor)** Treatise on materials science and technology, vol.11. Properties and microstructure 8-88470
- McCroory, G.A.** see Reynolds, J.H. 8-54496
- McCroory, R.** see Steel, D. 8-59685
- McCroory, R.L.** see Skupsky, S. 8-59663
- McCroory, R.L., Jr.**, Morse, R.L., Verdon, C.P. Non-linear development of the Rayleigh Taylor instability in laser driven implosions 8-58475
- McCrum, N.G.** The prediction of creep at long times in polymeric solids 8-68732
- McCubbin, N.A.** see Albrow, M.G. 8-58214
- McCubbin, N.A.** see Singh, J. 8-93910
- McCubbin, T.K., Jr.** see Rubin, B. 8-86873
- McCullen, J.D.** see Scully, M.O. 8-77765
- McCulloch, D.** see Combs, J.L. 8-63796
- McCulloch, M.T.**, Wasserburg, G.J. More anomalies from the Allende meteorite: samarium 8-89134
- McCulloch, P.M.**, Hamilton, P.A., Manchester, R.N., Ables, J.G. Polarization characteristics of southern pulsars. II. 640-MHz observations 8-65642
- McCullough, B.R.** see Pitts, D.R. 8-90979
- McCullough, E.A., Jr.** see Christiansen, P.A. 8-58865, 8-74560
- McCullough, R.W.**, Goffe, T.V., Gilbody, H.B. Formation of fast metastable helium atoms in electron capture by He⁺ ions in alkali-metal vapours 8-74760
- McCullough, R.W.** see Nutt, W.L. 8-50633
- McCune, R.C.** Characterization of anodic barrier films on tantalum and 1100 aluminium by ISS/SIMS 8-53021
- McCune, R.C.**, Hoffman, D.W., Baird, R.J. Automatic digital data collection for ion scattering depth profiles 8-56942
- McCurdy, C.W., Jr.** see Rescigno, T.N. 8-74591
- McCurrie, R.A.**, Rickman, J., Dunk, P., Hawkrige, D.G. Dependence of the permanent magnet properties of Mn₅Al₈ on particle size 8-91899
- McCusker, M.V.** see Hunter, R.O. 8-50758
- McCusker, M.V.** see Lorents, D.C. 8-63081, 8-66558
- McCutchen, W.C.** see Taylor, A. 8-85388
- McCutcheon, W.H.**, Gregory, P.C. High frequency radio observations of Seyfert galaxies 8-69866
- McDaniel, C.L.** see Minor, D.B. 8-79585
- McDaniel, D.H.** see Martin, T.H. 8-50321
- McDaniel, D.H.** see Shope, S. 8-78520
- McDaniel, E.W.** see Gatland, I.R. 8-59537
- McDaniel, E.W.** see Pope, W.M. 8-67308
- McDaniel, E.W.** see Thackston, M.G. 8-67298
- McDaniel, F.D.** see Monigold, G. 8-95619

- McDaniel, S.T.** Calculation of mode conversion rates 8-63228
- McDaniels, D.** see Hoffmann, G.W. 8-62674
- McDaniels, D.K.** see Hoffman, G.W. 8-54760
- McDaniels, D.K.** see Hoffmann, G.W. 8-70526
- McDavid, L.** see Rushneck, D.R. 8-77460
- McDermid, I.S.** see Clyne, M.A.A. 8-66591, 8-66592, 8-66593, 8-66594, 8-94278
- McDermott, D.B.,** Marshall, T.C., Schlesinger, S.P. A relativistic electron beam Raman laser 8-74877
- McDermott, D.B.** see Gilgenbach, R.M. 8-83619
- McDermott, M.** see Baubillier, M. 8-93877
- McDermott, W.E.,** Lotz, R.E., DeLong, M.L. Chemical generation of $O_2(^1\Delta_g)$ 8-63116
- McDermott, W.E.,** Pchelkin, N.R., Benard, D.J., Bonsek, R.R. An electronic transition chemical laser 8-55347
- McDermott, W.E.** see Benard, D.J. 8-58741
- McDiarmid, A.G.** see Chiang, C.K. 8-76070
- McDiarmid, A.G.** see Ehrenfreund, E. 8-80233
- McDiarmid, A.G.** see Fincher, C.R., Jr. 8-92137
- McDiarmid, D.R.,** McNamara, A.G. Radio aurora in the dayside auroral oval spatial relationship with field-aligned currents and energetic particles 8-88966
- McDiarmid, R.** Transitions in the electronic absorption spectra of cis- and trans-difluoroe-thylene 8-94256
- McDicken, W.N.** see Copland, W.A. 8-96081
- McDicken, W.N.** see McHugh, R. 8-69164
- McDonald, A.B.,** Adelberger, E.G. Schematic model for isospin mixing in light nuclei 8-66198
- McDonald, A.B.,** Earle, E.D., McLatchie, W., Mak, H.B., Martin, D.J., Ikossi, P.G. Isospin-forbidden particle decay in light nuclei. IV. Total width of the lowest $T=2$ level of ^{24}Mg 8-89871
- McDonald, A.B.** see Beene, J.R. 8-70485
- McDonald, A.B.** see Freedman, S.J. 8-78304
- McDonald, A.B.** see Horn, D. 8-54792
- McDonald, A.B.** see Robertson, R.G.H. 8-66211
- McDonald, A.B.** see Snover, K.A. 8-70443
- McDonald, A.H.** see Vosko, S.H. 8-91586
- McDonald, A.M.** see Baxter, A.M. 8-89886
- McDonald, A.T.** see Fox, R.W. 8-59358
- McDonald, B.,** Lenahan, J.P., Perez-Mendez, V. Noise in 3-D imaging with large-area positron cameras 8-85445
- McDonald, B.** see Carroll, J. 8-89874
- McDonald, B.E.** see Ossakow, S.L. 8-88972
- McDonald, B.H.** see Banerjee, S. 8-94528
- McDonald, D.,** Steingrover, E. Magnetic potentiometer as an aid in testing and analyzing magnetic devices 8-62210
- McDonald, D.** see Dietrich, D.D. 8-82685
- McDonald, D.D.,** Roberts, B., Hyne, J.B. The corrosion of carbon steel by wet elemental sulphur 8-92388
- McDonald, D.D.,** Roberts, B., Hyne, J.B. Corrosion of carbon steel during cyclical exposure to wet elemental sulphur and the atmosphere 8-92391
- McDonald, D.E.** Investigation of the state of fatigue in metals using ultrasonics 8-60970
- McDonald, F.A.,** Wetsel, G.C., Jr. Generalized theory of the photoacoustic effect 8-63232
- McDonald, F.B.** see McGuire, R.E. 8-93065
- McDonald, F.B.** see Palmer, I.D. 8-89017
- McDonald, F.B.** see Schardt, A.W. 8-57489
- McDonald, F.B.** see von Rosenvinge, T.T. 8-85798
- McDonald, G.H.** see Little, L.T. 8-54023, 8-65675
- McDonald, G.L.** X-ray spectrometry 8-85219
- McDonald, H.F.,** Ballard, P.J., Thompson, I.M.G. Recent developments in emergency monitoring procedures at CEGB nuclear power stations 8-55053
- McDonald, I.R.,** Klein, M.L. Intermolecular potentials and the simulation of liquid water 8-71657
- McDonald, I.R.,** O'Gorman, S.P. Graph theoretic techniques in the theory of classical fluids 8-71662
- McDonald, I.R.** see Jacucci, G. 8-63664
- McDonald, I.R.** see Klein, M.L. 8-78773
- McDonald, J.** see Johnson, R. 8-61000
- McDonald, J.C.** Pattern recognition in microbiology 8-81084
- McDonald, J.F.** see Tuteur, F.B. 8-83162
- McDonald, J.J.** Introducing mathematical modelling to undergraduates 8-57717
- McDonald, J.M.** see Zeitz, L. 8-77084
- Macdonald, J.N.,** Norbury, D., Sheridan, J. The microwave spectrum and conformation of cyclobutanol 8-86852
- McDonald, J.R.,** Baronavski, A.P., Donnelly, V.M. Multiphoton-vacuum-ultraviolet laser photodissociation of acetylene: emission from electronically excited fragments 8-90238
- Macdonald, J.R.,** Franceschetti, D.R. Theory of small-signal AC response of solids and liquids with recombining mobile charge 8-52005
- MacDonald, J.R.,** Lynn, K.G., Boie, R.A., Robins, M.F. A two-dimensional Doppler broadened technique in positron annihilation 8-70722
- MacDonald, J.R.,** Miller, R.G., Baronavski, A.P. Laser induced photodissociation of HN_3 at 266 nm. II. Reactions of $\text{NH}(\Delta)$ with HN_3 , HCl and hydrocarbon species 8-60982
- Macdonald, J.R.,** Schule, R., Schuch, R., Schmidt-Bocking, H., Liesen, D. Production and sharing of double K vacancies observed by X-ray-X-ray coincidences 8-55230
- MacDonald, J.R.** see Baronavski, A.P. 8-61037, 8-70884
- MacDonald, J.R.** see Doyle, B.L. 8-55231, 8-74117
- Macdonald, J.R.** see Liesen, D. 8-58800
- MacDonald, J.R.** see Schultz, P.J. 8-80433
- MacDonald, K.R.** see Cicotti, G. 8-71660
- MacDonald, K.T.** see Carroll, J. 8-89874
- MacDonald, P.** see Krausz, E. 8-82057
- MacDonald, R.A.,** Tsai, D.H. Energy transport in a crystalline solid subjected to intense excitation 8-59922
- Macdonald, R.A.,** Tsai, D.H. Molecular dynamical calculations of energy transport in crystalline solids 8-95117
- MacDonald, R.A.** see Chase, M.W., Jr. 8-93637
- MacDonald, R.A.** see Tsai, D.H. 8-55911
- MacDonald, R.E.** see McNab, T.K. 8-87693
- Macdonald, R.G.,** Sloan, J.J. The microscopic reaction dynamics and branching ratio in the $\text{F}+\text{HCOOH}$ and $\text{F}+\text{H}_2\text{CO}$ reactions 8-73021
- MacDonald, R.J.,** Draper, J.E. Levels of ^{200}Pb and isomers 8-66192
- Macdonald, R.J.,** Garrett, R.F., Martin, P.J. Photon emission from sputtered atoms—The observation of apparent local thermodynamic equilibrium in the excitation 8-72672
- MacDonald, R.J.** see Draper, J.E. 8-55086
- Macdonald, R.S.** Infrared spectrometry 8-85223
- MacDonald, W.M.** Strength functions for isobaric analog resonances 8-50143
- McDonell, W.R.** Fission-fragment-induced helium blistering of ^{252}Cf -exposed surfaces 8-86601
- McDonnell, F.N.,** Baudouin, A.P., Walker, D.H. Transient experiments in simulated CANDU reactor cores 8-54825
- McDonnell, F.N.,** Green, R.E. Spatial power control in large CANDU reactors: the whys and wherefores 8-89962
- McDonnell, F.N.** see Baudouin, A.P. 8-58386
- McDonnell, J.A.M.** Microparticle studies by space instrumentation 8-57460
- McDonnell, J.A.M. (editor)** Cosmic dust 8-57498
- McDonnell, M.** A clarification of the use of the Mellin transform in optical pattern recognition 8-63021
- McDonnell, M.E.,** Jamieson, A.M. Quasielastic light-scattering measurements of diffusion coefficients in polystyrene solutions 8-52519
- McDonnell, M.J.** see Bates, R.H.T. 8-87022
- McDonnell, M.M.** Holographic terrain displays 8-78979
- McDonnell, P.M.,** Perusse, S. A method for the preparation of audio tapes for dichotic listening research 8-57010
- McDonnell, W.R.** Whisker growth—a new mechanism for helium blistering of surfaces in complex radiation environments 8-95093
- McDonough, R.N.** see Shankar, R. 8-73010
- Macdougall, J.D.** see Carlson, R.W. 8-61391
- MacDougall, J.W.** Seasonal variation of semi-diurnal winds in the dynamo region 8-93033
- McDowell, C.A.** see Banna, M.S. 8-74699
- McDowell, C.A.** see Colbourne, D. 8-66600, 8-86911
- McDowell, C.A.** see Hitchcock, A.P. 8-62934
- McDowell, C.A.** see Martin, R.L. 8-70800
- McDowell, K.** The incomplete basis set problem. I. Perturbative corrections to Hartree-Fock energies 8-70744
- McDowell, L.** see Jongejans, B. 8-78177
- McDowell, L.M.,** Whicker, F.W. Size characteristics of plutonium particles in Rocky Flats soil 8-96102
- McDowell, M.R.C.** see Branden, B.H. 8-90300
- McDowell, M.W.** An investigation into the reduction of secondary colour in optical relay systems 8-83067
- McDowell, R.S.** Tunable diode laser spectroscopy near 10 microns 8-82061
- McDowell, R.S.** Laser diode spectra of spherical-top molecules 8-82734
- McDowell, R.S.,** Galbraith, H.W., Cantrell, C.D., Nereson, N.G., Moulton, P.F., Hinkley, E.D. High-J assignments in the $10.5\text{-}\mu\text{m}$ SF_6 spectrum: identification of the levels pumped by CO_2 P(12) and P(22) 8-70837
- McDowell, R.S.,** Radziemski, L.J., Flicker, H., Galbraith, H.W., Kennedy, R.C., Nereson, N.G., Krohn, B.J., Aldridge, J.P., King, J.D. High resolution spectroscopy of the OsO_4 stretching fundamental at 961 cm^{-1} 8-90162
- McDowell, W.J.** see Bouwer, E.J. 8-53280, 8-82589
- McDowell, W.L.** see Dionisi, C. 8-89735
- McDowell, W.L.** see Gavillet, P. 8-70409
- McDowell, W.L.** see Teodoro, D. 8-89767
- McEachran, R.P.** see Cohen, M. 8-86823
- Maceda, E.L.,** Miley, G.H. Optical properties of uranium plasmas 8-83535
- Macek, J.,** Strehovec, F. Radon-222 releases from crushing, grinding and leaching of uranium ore 8-89970
- Macek, J.** see Sung Dahm Oh 8-58840
- Macek, K.** see Benes, V. 8-64628
- Macek, R.J.** see Auerbach, L.B. 8-82203, 8-93882
- McElhaney, R.N.** see Silvius, J.R. 8-64949
- McElhannon, W.A.,** McLaughlin, E. The viscosity of dilute solutions of hard-sphere macromolecules 8-91467
- McElhiney, G.** see Wedler, G. 8-91530
- McEligot, D.M.** see Serksnis, A.W. 8-94690
- McElroy, F.C.** see Macero, D.J. 8-73128
- McElroy, M.B.** see Prather, M.J. 8-93144
- Macelroy, R.D.** see Rein, R. 8-88693
- McElwain, D.L.S.,** Morris, L.E. Apoptosis as a volume loss mechanism in mathematical models of solid tumor growth 8-96027
- McEnaney, B.** see McGill, I.R. 8-64845
- McEnnan, J.** see Botto, D.J. 8-94219
- Macero, D.J.,** Burgess, L.W., Jr., Banks, T.M., McElroy, F.C. A microcomputer-controlled instrument for electrochemical studies 8-73128
- McEvilly, T.V.** see McNally, K.C. 8-65188
- McEvily, A.J.** On crack closure in fatigue crack growth 8-80650
- McEvily, A.J.,** Groeger, J. On the threshold for fatigue crack growth 8-63392
- McEvily, A.J.** see Bhowal, P.R. 8-80605
- McEwan, K.A.,** Stirling, W.G., Vettier, C. Magnetic ordering in single-crystal praseodymium induced by uniaxial stress 8-84467
- McEwan, M.J.** see Freeman, C.G. 8-56885, 8-85189
- McEwen, D.J.,** Bryant, D.A. Optical-particle characteristics of pulsating aurora 8-88969
- McEwen, S.R.** see Schulson, E.M. 8-75659
- McFadden, D.,** Pasanen, E.G. Binaural detection at high frequencies with time-delayed waveforms 8-61196
- McFadden, D.H.** see Finnie, I. 8-87311
- McFadden, J.** see Pifer, B. 8-96299
- McFadden, R.G.** see King, G.W. 8-90246
- MacFall, J.F.** see Siohan, F. 8-90019
- MacFall, J.R.** see Siohan, F. 8-73593
- McFann, C.B., Jr.** see Hurley, C.A. 8-63135
- McFarland, S.S.** see Lloyd, R.D. 8-96095
- McFarland, W.H.,** Vivion, M.C., Goldstein, R. Middle components of the AER to tone-pips in normal-hearing and hearing-impaired subjects 8-65049
- Macfarlane, A.J.** see Coote, N.C.T. 8-93569
- Macfarlane, A.J.** see Liggatt, P.A.J. 8-49959
- Macfarlane, J.** see Lachambre, J.L. 8-63127
- Macfarlane, J.B.** see Maxwell, M.H. 8-62265
- Macfarlane, M.H.** see Olmer, C. 8-82379
- Macfarlane, M.H.** see Pieper, S.C. 8-82378
- McFarlane, R.,** Kenney, G., Lou, D., Wagner, J., Zernike, F., Chan, A. A optical disc data recorder 8-71136
- McFarlane, R.A.** see Burde, D.H. 8-66819
- McFarlane, R.A.** see Lewittes, M.E. 8-94305
- McFarlane, R.A.** see Maracas, G.N. 8-91513
- Macfarlane, R.M.,** Genack, A.Z., Brewer, R.G. Optical free-induction decay of the F_3^+ center in NaF 8-68555
- McFarlane, W.K.** see Auerbach, L.B. 8-82203, 8-93882
- Macfee, F.D.** see Crowe, R.D. 8-94058
- McFee, J.H.** see Miller, B.I. 8-74906
- McFeeley, J.R.** see Sayers, M.J. 8-72696
- McGarrity, F.M.** see Boesch, H.E., Jr. 8-60206
- McGarry, F.J.** see Wang, S.S. 8-55602
- McGarvey, B.R.** see Booth, R.J. 8-80229
- McGarvey, J.A., Jr.** see Cool, T.A. 8-90114
- McGaughy, J.W.** see Dennison, E.E. 8-87194
- McGaughy, T.W.,** Wu, S.Y.C., Fung, B.M. Molecular motions in liquid. II. Deuteron relaxation study of the rotation of highly symmetrical molecules in solutions 8-84491
- McGee, J.D.** see Chang, T.Y. 8-63126
- McGee, P.E.** see Simonds, C.H. 8-81166
- McGee, R.X.,** Newton, L.M., Butler, P.W. Large Magellanic Cloud sources at 3.4-cm wavelength 8-65695
- McGee, W.M.** see Anderson, J.M. 8-92348
- McGee, W.M.** see Hsu, T.M. 8-79267
- MacGeehan, P.J.** The geochemistry of altered volcanic rocks at Matagami, Quebec: a geothermal model for massive sulphide genesis 8-77231
- McGeehin, P.** see Hooper, A. 8-51725

- McGehan, F.P.** The fly's eye telescope [lunar laser ranging] 8-93106
- McGeoch, M.W.** An electrostatic analyser for laser-produced plasmas: Ion spectra for polythene at 10.6 μm 8-91157
- McGeoch, M.W., Fournier, G.R.** Positive gain measurements on the 470-nm continuum band of CdHg 8-66805
- McGeoch, M.W.** see Fournier, G.R. 8-66804
- McGeorge, J.C., Flowers, A.G., Shott, A.C., Zimmerman, C.H.** The $^{238}\text{U}(\alpha, \text{e})^{234}\text{Th}$ cross section 8-58262
- McGetchin, T.R., Smyth, J.R.** The mantle of Mars: some possible geological implications of its high density 8-65532
- McGill, I.R., McEnaney, B.** A novel reference electrode arrangement for high temperature polarisation studies 8-64845
- McGill, J.** see Wilson, J.I.B. 8-80016
- McGill, T.C.** see Chen, M. 8-88353
- McGill, T.C.** see Elliott, K.R. 8-56507, 8-88359, 8-92075
- McGill, T.C.** see Goddard, W.A., III 8-91534
- McGill, T.C.** see Lyon, S.A. 8-56517, 8-72078
- McGill, T.C.** see Pan, D.S. 8-67950, 8-67951
- McGill, T.C.** see Schulman, J.N. 8-95342
- MacGillivray, H.T.** see Coulson, I.M. 8-77590
- MacGillivray, W.R., Pegg, D.T., Standage, M.C.** Observation of optical nutational effects in atoms 8-66507
- McGilvery, D.C., Morrison, J.D.** A mass spectrometer for the study of laser-induced photodissociation of ions 8-82071
- McGilvery, D.C., Morrison, J.D., Smith, D.L.** Photodissociation of CH_4^+ 8-66611
- McGilvery, D.C., Morrison, J.D., Smith, D.L.** The photodissociation of O_2^+ 8-66612
- McGimsey, C.R., III** see Garrison, E.G. 8-70237
- McGinley, J.R., Stock, G.J., Schweikert, E.A., Cross, J.B., Zeisler, R., Zikovsky, L.** Nuclear and atomic activation with heavy ion beams 8-85240
- McGinnis, D.F., Jr.** Monitoring river ice break-up from space 8-65350
- McGinnis, P.F.** see Conner, G.R. 8-73107
- McGinnis, P.F.** see Holkeboer, D.H. 8-73109
- McGinnis, R.O.** see Brinkbeck, D.E. 8-92760
- McGlynn, J.C., Irving, E.** Multicomponent magnetization of the Pearson Formation (Great Slave Supergroup, NWT) and the Coronation loop 8-77179
- McGlynn, S.P., Aldrich, H., Dougherty, D.** The impact of photoelectron spectroscopy on biology 8-65156
- McGlynn, S.P., Chattopadhyay, S., Hochmann, P., Wang, H.-t.** Molecular Rydberg transitions. IX. Term value/ionization energy correlations 8-70738
- McGlynn, S.P.** see Dougherty, D. 8-77005
- McGlynn, S.P.** see Felps, W.S. 8-78718
- McGlynn, S.P.** see Khalil, O.S. 8-58604
- McGlynn, S.P.** see Scott, J.D. 8-66561, 8-66573
- McGonagle, L.C., Holcombe, J.A.** Microphotometric errors for photographically recorded spectral lines of nonuniform half-width 8-86337
- McGonegal, C.A.** see Sambur, M.R. 8-57024
- McGonnaghe, W.J. (editor)** International advances in nondestructive testing, vol.5 8-53162
- McGovern, I.T., Parke, A.W., Williams, R.H.** The energy dependence of the photoelectron attenuation length via the oxidation of silicon 8-52643
- McGow, R.** see Bosetti, P.C. 8-70357
- McGowan, J.W.** see Mitchell, J.B.A. 8-56884
- McGrath, J.J.** see Moussa, N.A. 8-56955
- McGrath, J.T.** see Eaton, N.F. 8-60777
- McGrath, P.E., Ericson, D.M., Jr., Wall, I.B.** The Reactor Safety Study (Wash-1400) and its implications for radiological emergency response planning 8-50284
- McGrath, R.D., Mirzababayev, R.M., Walker, J.C.** Differences in critical behaviour observed near T_c with Mossbauer scattering and transmission geometries 8-76367
- McGrath, T., Kroeger, M., Dunn, H.** Computerized visual aids in introductory MO theory [education] 8-77649
- McGreevy, E., Stewart, A.L.** A program for calculating elastic scattering phase shifts for an electron colliding with a one-electron target using perturbation theory 8-50637
- MacGregor, A.D.** Current instrumental developments in infrared astronomy 8-61737
- Macgregor, A.E.** see Owens, A. 8-81752
- MacGregor, J., Chapman, W.A.** Observations of the annual and semi-annual wave in the stratosphere using Nimbus 5 SCR data 8-81315
- MacGregor, R.J., McMullen, T.** Computer simulation of diffusely-connected neuronal populations 8-53384
- McGregor, W.K.** On the radiation from small particles 8-87246
- McGroddy, J.C.** see Evangelisti, F. 8-52571
- McGrory, J.B.** Shell-model tests of the interacting-boson-model description of nuclear collective motion 8-78280
- McGrory, J.B.** see Nathan, A.M. 8-66308
- McGrory, J.B.** see Rowe, D.J. 8-50112
- McGruer, J.N., Choyke, W.J., Townsend, J.R., Chang, J.H., Yesso, J.D., Spitznagel, J.A., Doyle, N.J., Venskytis, F.J.** The effects of sequential and simultaneous helium implantation on void formation in a 304 stainless steel 8-71719
- McGruer, J.N.** see Choyke, W.J. 8-71773
- McGrunder, C.H., II** Field energies and principles of equivalence 8-49740
- McGuigan, D.F., Douglass, D.H.** Clocks based upon high mechanical Q single crystals 8-57915
- McGuinness, H.D.** see Loder, T.C. 8-61394
- McGuire, E.J.** see Feibelman, P.J. 8-52602, 8-56202
- McGuire, G.** Computer programs for physics teachers 8-86094
- McGuire, G.E.** Effects of ion sputtering on semiconductor surfaces 8-88395
- McGuire, M.D.** The trapped mercury ion frequency standard 8-57914
- McGuire, M.D., Petsch, R., Werth, G.** Precision determination of the ground-state hyperfine separation in $^{199}\text{Hg}^+$ using the ion-storage technique 8-78828
- McGuire, P.** Quenching of the diffraction oscillations in the Ar-N₂ total differential cross section 8-66625
- McGuire, P.** see Schinke, R. 8-74739
- McGuire, R.E., Von Rosenberg, T.T., McDonald, F.B.** The composition of corotating energetic particle streams 8-93065
- McGuire, T.R., Gambino, R.J.** Magnetic and transport properties of Gd-Ni amorphous alloys 8-95488
- McGuire, T.R., Mizoguchi, T., Gambino, R.J., Kirkpatrick, S.** Magnetic phase diagram of the Gd-Al and Gd-Cu amorphous alloy systems 8-68234
- McGuire, T.R.** see Taylor, R.C. 8-68312
- McGuirk, J.J., Rodi, W.** A depth-averaged mathematical model for the near field of side discharges into open-channel flow 8-63499
- McGuirk, J.P.** Planetary-scale forcing of the January 1977 weather [United States] 8-57279
- McGurk, F.P., Asmussen, R.A.** Novel production engineering techniques used on the AN/GVS-5 hand-held laser rangefinder 8-59018
- McGurn, A.R., Tahir-Kheli, R.A.** Small-dilution perturbation theory for quasi-low-dimensional Heisenberg spin systems at $T=0$ 8-56281
- McGurn, A.R., Tahir-Kheli, R.A.** CPA estimate for Neel temperature of $(\text{Mn})_x(\text{Zn})_{1-x}\text{F}_2$ 8-76245
- McGurn, A.R., Thorpe, M.F.** A bond-diluted Ising ferromagnet with first- and second-neighbour interactions 8-91870
- McGurn, A.R.** see Tahir-Kheli, R.A. 8-52187, 8-68233, 8-68263, 8-88122
- McGurn, J.S.** see Lieber, A.J. 8-59155
- McGuyer, C.A.** see Eastman, M.P. 8-73020
- Mach, K.D.** see Wang, S.Y. 8-79333
- Mach, R., Sapozhnikov, M.G., Gualardo, C., Scrimaglio, R., Balestra, F., Garfagnini, R., Piragino, G.** Pion-induced knock-out reactions on ^4He 8-74403
- Machabeli, G.Z.** Parametric excitation of HF potential waves by a cold homogeneous plasma 8-91088
- Machabeli, G.Z., Tsikarishvili, E.G.** The role of relativistic effects in parametric excitation of low frequency potential waves 8-91089
- Machacek, M.** see Ellis, R.K. 8-93848
- Machado, D., O'Donnell, T.** A sensitivity analysis of conceptual catchment model parameters 8-77288
- McHale, J., Banerjee, A., Simons, J.** Spectroscopy of binary solutions. The benzene-iodine charge-transfer spectrum 8-90183
- McHale, J., Simons, J.** Diffusion of excess electrons in one- and two-component molecular solutions. A theoretical model 8-52043
- Machalek, M.D.** Recent work on normal and superconducting inductive energy storage and switching at the Efremov Institute, Leningrad, USSR 8-55018
- Machalski, J.** The differential radio source count at 1400 MHz from the GB2 sky survey 8-54063
- McHardy, I.** X-ray sources in clusters of galaxies 8-96565
- McHargue, C.J., Cost, J.R., Wert, C.A.** Engineering materials science 8-88413
- McHargue, C.J., Scott, J.L.** Materials requirements for fusion reactors 8-50257
- McHarris, W.C.** see Firestone, R.B. 8-50130
- MacHattie, L.B.** see Isaac, G.A. 8-57352
- Machavariani, A.I.** see Kopaleishvili, T.I. 8-74405
- Machej, T.** see Haber, J. 8-80813
- Machell, C.** see Swanson, B.I. 8-76455
- McHenry, J.R., Ritchie, J.C.** Physical and chemical parameters affecting transport of ^{137}Cs in arid watersheds 8-61461
- Macher, K.** Photographic zoom lenses for 8 mm cameras 8-93771
- Macherauch, E.** see Pilo, D. 8-56721
- Macherauch, E.** see Schreiber, R. 8-56777, 8-84957
- Machi, S.** see Suwa, T. 8-80747
- Machi, S.** see Tokunaga, O. 8-80765
- Machi, Y.** see Mutsukura, N. 8-64482
- Machida, H., Fredericks, W.J.** Simultaneous diffusion of calcium and strontium in KCl single crystals 8-79813
- Machida, K., Dumoulin, L.** Proximity effect for superconductors containing transition metal impurities. II 8-52160
- Machida, S., Nishida, A.** Thermal structure of the Jovian plasmasphere 8-93148
- Machida, S.** see Kanazawa, T. 8-68758
- Machida, S.** see Terasawa, T. 8-57491
- Machikina, I.Yu.** see Gol'tsov, V.A. 8-52833
- Machin, J.W.** Thoracic impedance of human subjects 8-61239
- Machizauf, F.** see Flechon, J. 8-84325, 8-91253
- Machleidt, R.** see Holinde, K. 8-66140
- Machlin, E.S., Chow, T.P.** Correlation between T_c and a calculated force constant in homologous crystal structures 8-76182
- Machlin, E.S., Gee, P.T.** An ionicity-modified pair potential model analysis of the sigma phase structure 8-51466
- Machlin, E.S., Shao, J.** SIGMA-SAFE: A phase diagram approach to the sigma phase problem in Ni base superalloys 8-64547
- Machlin, E.S., Whang, S.H.** A15-a structure stabilized by crystal field distortion of 'exotic' elements at chain sites 8-79555
- Machlin, N.A.** see Ivanov, L.I. 8-95085
- Machner, H.** A simple formula for (particle, xn) excitation functions 8-93978
- McHone, J.G.** TRIPLLOT: an APL program for plotting triangular diagrams 8-57335
- McHugh, R., McDicken, W.N., Bow, C.R., Anderson, T., Boddy, K.** An ultrasonic pulsed Doppler instrument for monitoring human fetal breathing in utero 8-69164
- McHugh, S., Johnston, M.J.S.** Dislocation modeling of creep-related tilt changes 8-92801
- Machulin, V.F.** see Belyaev, A.D. 8-72465, 8-91729
- Macias, A., Riera, A.** Calculation of diabatic states from molecular properties 8-82664
- Macias, A.** see Lopez, V. 8-82813
- Macias, E.S.** Instrumental analysis of light element composition of atmospheric aerosols 8-69516
- Maciejewski, W.** see Duda, A. 8-80223
- McIlrath, T.J.** see Koopman, D.W. 8-83612
- McIlrath, T.J.** see Mahon, R. 8-87038
- McIlroy, D.K.** see Mason, D.P. 8-64851
- McIlwain, A., Oh, S., Abegg, R., Batten, R.H., Birchall, J., Gusdal, I., Knotte, G., Mulholland, W., McKee, J.S.C., Pogson, R., Videla, N.** Polarised beam from the University of Manitoba spiral ridge cyclotron 8-70660
- McIlwain, M.E.** see Shake, T.H. 8-86343
- McInally, C.J., Austin, R.R.D.** A survey for southern S Scuti variable stars 8-96489
- MacInnes, D.A.** Exact solution of the mean spherical approximation for a model of a molten salt 8-63662
- McInnes, J.A.** see Butcher, P.N. 8-51958
- McIntire, D.C.** see Barlow, R.T. 8-54866, 8-70592
- McIntosh, A.I.** see Haydon, S.C. 8-83636
- McIntosh, C.B.G.** Einstein-Maxwell space-times with symmetries and with non-null electromagnetic fields 8-65823
- McIntosh, D.F., Michaelian, K.H., Peterson, M.R.** A consistent derivation of the Wilson-Decius s vectors, including new out-of-plane wag formulae 8-74628
- McIntosh, D.H., Hallissey, M.** Noctilucent clouds over western Europe and the Atlantic during 1977 8-92929
- McIntosh, G.E.** see Hilal, M.A. 8-89999
- McIntyre, C.M.** see Churnside, J.H. 8-78916, 8-78917
- McIntyre, E.F., Hameka, H.F.** Improved calculation of nonlinear electric susceptibilities of conjugated hydrocarbon chains 8-66484
- McIntyre, E.F., Hameka, H.F.** Calculation of nonlinear electric susceptibilities of aromatic hydrocarbons 8-74944
- McIntyre, J.D.E.** see Gottesfeld, S. 8-80316
- McIntyre, L.C., Jr.** see Donahue, D.J. 8-90120
- McIntyre, M.E.** Wave transport in stratified, rotating fluids 8-89192
- McIntyre, M.E., Woodhouse, J.** The influence of geometry on linear damping 8-50996
- McIntyre, M.E.** see Andrews, D.G. 8-81306
- McIntyre, P.** Transmission of light through a twisted nematic liquid-crystal layer 8-68476
- McIntyre, P., Green, G.** Acoustic emission during stress corrosion cracking in high strength steels 8-53042

- McIntyre, P.**, Synder, A.W. Light propagation in twisted anisotropic media: Application to photoreceptors 8-63004
- McIntyre, P.** see Benvenuti, A. 8-82196
- McIntyre, P.J.**, Haines, N.F. The in-situ measurement of thread strain in mild steel bolts 8-60972
- Maciosowski, A.**, Gorczyca, S., Pospiech, J., Jura, J. Structure texture and mechanical properties of the product of transformation of a deformed austenite in the 16H2NMB steel 8-92273
- McIsaac, D.N.** see Baker, F.B. 8-81757
- McIver, R.T., Jr.** see Hunter, R.L. 8-54491
- McIver, R.T., Jr.** see Rains, L.J. 8-58807
- Mack, A.** Temperature measurement by ratio pyrometers of melting pool surfaces 8-82471
- Mack, G.** Colour screening and quark confinement 8-93861
- Mack, G.A.**, Jain, V.K., Madden, J.A., Eikman, E.A. Polar reference texture in radiocolloid liver images 8-73241
- Mack, W.R.** see Iddings, F.A. 8-53308
- McKay, A.G.** see Howells, K. 8-61390
- McKay, C.P.**, Thomas, G.E. Consequences of a past encounter of the Earth with an interstellar cloud 8-57292
- McKay, D.C.**, Thurtell, G.W. Measurements of the energy fluxes involved in the energy budget of a snow cover 8-92859
- McKay, G.R.**, Ferguson, J., Hudson, N.E. Elongational flow and the wet spinning process 8-72760
- Mackay, G.R.** see Blaauw, C. 8-52406, 8-68432
- McKay, G.R.** see Leiper, W. 8-68424, 8-72439
- Mackay, J.F.W.** see Yeow, K.W. 8-90590
- Mackay, R.S.** Shine a flashlight on an image 8-49604
- Macke, B.** see Legrand, J. 8-55256
- McKean, D.C.**, McQuillan, G.P. Isolated [CH stretching frequencies], [bond strengths] and lengths in some MeP and MeS compounds 8-90167
- McKechnie, J.S.**, Turner, L.D.S., Vincent, C.A., Lazzari, M., Scrosati, B. Electrochemistry in the solid state 8-93498
- McKee, B.T.A.**, McMullen, T. Some effects of temperature on positron annihilation characteristics in metals 8-64427
- McKee, B.T.A.** see Hood, G.M. 8-76547
- McKee, B.T.A.** see Virtue, C.J. 8-88379
- McKee, C.F.** see Krolik, J.H. 8-96557
- McKee, C.S.**, Renny, L.V., Roberts, M.W. The adsorption of oxygen on Cu (210) 8-71998
- McKee, J.** see Cruddace, R.G. 8-65692
- McKee, J.H.** see Jones, F.B. 8-65185
- McKee, J.M.** A calibration system for hydrogen meters in sodium 8-86236
- McKee, J.S.C.** see Birchall, J. 8-50625
- McKee, J.S.C.** see McIlwain, A. 8-70660
- McKee, J.S.C.** see Ramsay, W.D. 8-58618
- McKee, M.L.** see Dewar, M.J.S. 8-86786
- McKee, S.P.** see Westheimer, G. 8-69084
- McKee, T.B.** see Reynolds, D.W. 8-73510
- McKeith, C.D.** see Bates, B. 8-77490
- McKellar, A.R.W.** see Allegrini, M. 8-70827
- McKellar, A.R.W.** see Johns, J.W.C. 8-62840, 8-66566
- McKellar, A.R.W.** see Reid, J. 8-82723
- McKellar, B.H.J.** The parity violating nucleon-nucleon interaction 8-62327
- McKellar, B.H.J.**, Lassey, K.R. Parity violating observables in low energy nucleon-nucleon scattering 8-50045
- McKellar, B.H.J.** see Box, M.A. 8-87016
- McKellar, B.H.J.** see Brandenburg, R.A. 8-82278
- McKellar, M.** see Palmer, G. 8-49826
- McKelvey, J.P.** see Thomchick, J. 8-54221
- McKelvey, K.N.** see Brodkey, R.S. 8-59379
- McKendrick, W.H.** see Chapman, J.N. 8-84448
- McKenna, M.C.** see Berggren, W.A. 8-77201
- McKenzie, D.** Active tectonics of the Alpine-Himalayan belt: the Aegean Sea and surrounding regions 8-96181
- McKenzie, D.E.** see Johnson, R.W. 8-57183
- McKenzie, D.R.** Effect of substrate on graphite and other solar selective surfaces 8-74952
- McKenzie, D.R.**, McPhedran, R.C. Optical constants of cermet materials including proximity effects 8-56446
- McKenzie, D.R.**, McPhedran, R.C., Derrick, G.H. The conductivity of lattices of spheres. II. The body centred and face centred cubic lattices 8-72126
- Mackenzie, D.R.** see Benson, W.W. 8-83120
- McKenzie, D.R.** see McPhedran, R.C. 8-56120
- Mackenzie, F.T.**, Stoffyn, M., Wollast, R. Aluminium in seawater: control by biological activity 8-61437
- Mackenzie, G.A.**, Buras, B., Pawley, G.S. The structure of octafluoronaphthalene at high pressures investigated by neutron powder diffraction 8-63743
- Mackenzie, G.A.** see Heilmann, I.U. 8-79691
- McKenzie, H.** see Burdett, J.K. 8-92492
- McKenzie, I.K.** see Schultz, P.J. 8-80433
- McKenzie, J.F.**, Ip, W.-H., Axford, W.I. Anomalous acceleration of minor ions in the solar wind 8-77453
- McKenzie, J.F.** see Mekki, O.El. 8-77531
- Mackenzie, K.J.D.** Electrical properties of some Portland cement clinker minerals 8-59976
- McKenzie, R.** see Kittelson, D.B. 8-95975
- McKenzie, R.L.** see Liu, B.Y.H. 8-96297
- McKenzie, W.F.**, Truesdell, A.H. Geothermal reservoir temperatures estimated from the oxygen isotope compositions of dissolved sulfate and water from hot springs and shallow drillholes 8-69382
- McKeon, G.** Path-dependent formulation of an extended Yang-Mills system 8-62288
- McKeon, G.** Self-coupled vector fields 8-89610
- McKeone, D.** ESPI, a TV interferometer 8-58014
- McKeown, F.A.** see Rogers, A.M. 8-65189
- McKeown, J.** see McMichael, G.E. 8-90004
- McKerrell, A.**, Kermode, M.W., Mines, J.R., Mustafa, M.M. A simple model to describe the $^3\text{S}_1$ - $^3\text{D}_1$ and the $^3\text{D}_2$ states of the neutron-proton system 8-78271
- Mackey, D.J.** see Vance, E.R. 8-88334
- Mackey, P.J.** see Nagamori, M. 8-80492
- Mackie, F.D.**, Chia-Wei Woo Surface tension and density profile of liquid ^3He 8-67882
- Mackie, F.D.**, Chia-Wei Woo Surface structure of liquid ^4He 8-78737
- Mackie, J.C.** see Beck, W.H. 8-61011
- McKillop, J.H.** see Fogelman, I. 8-73204
- McKinlay, A.**, Harlen, F. Non-ionising radiation hazards in the laboratory 8-96064
- McKinley, C.M.** see Wang, I.T. 8-85649
- McKinley, G.V.** Track production in cellulose nitrate by protons, H_2^+ molecules and low energy heavy ions 8-86757
- McKinley, R.L.**, Johnston, E.A. Application of commercially available filter components for psychoacoustic testing 8-83198
- McKinney, C.M.** see Mikeska, E.E. 8-63229
- McKinney, J.E.**, Simha, R. Thermodynamics of the densification process for polymer glasses 8-95723
- McKinney, J.T.** Ion scattering spectroscopy 8-68948
- MacKinnon, A.** Lattice dynamics of ordered vacancy compounds 8-75770
- MacKinnon, D.J.** see Sastri, V.S. 8-92214
- MacKinnon, I.D.R.** see Fitzgerald, J.D. 8-57323
- McKinnon, M.A.** see Conn, R.W. 8-58418
- McKinnon, M.A.** see Perry, R.T. 8-66406
- McKinnon, M.A.** see Teofilov, V.L. 8-62615
- McKinstry, H.A.** see O'Holleran, T.P. 8-59852
- Mackintosh, A.R.** see Houmann, J.G. 8-84422
- Mackintosh, R.S.**, Kobos, A.M. Evidence for an imaginary spin-orbit term in the proton optical potential 8-58273
- Mackintosh, R.S.** see de Villiers, P. 8-62480
- McKitterick, J.B.** Scaling variables in a simple field theory 8-70269
- Mackley, M.R.** Flow singularities, polymer chain extension and hydrodynamic instabilities 8-71376
- MacKlin, R.L.** see Mizumoto, M. 8-50172
- MacKlin, R.L.** see Musgrove, A.R. de L. 8-50161
- MacKlin, R.L.** see Raman, S. 8-58284
- McKlveen, J.W.** see Bouwer, E.J. 8-53280, 8-82589
- McKlveen, J.W.** see Thompson, P.J. 8-81230
- MacKnight, A.K.**, Franklin, R.D., Kerber, R.L. Examination of the feasibility of a high energy pulsed laser at 1.27 μm from photolysis of ozone 8-63117
- McKnight, R.H.** see Phaneuf, R.A. 8-55233
- MacKnight, W.J.** see Earnest, T.R. Jr. 8-67159
- MacKnight, W.J.** see Rahrig, D. 8-68448
- MacKnight, W.J.** see Warner, F.P. 8-55817
- Macko, P.**, Mackova, V. Activation energies of Ge-S glasses after neutron irradiation 8-83850
- McKone, T.E.**, Kastenber, W.E. Calculation of radiological dose due to release of tritium oxides from controlled thermonuclear reactors 8-78511
- Mackova, V.** see Macko, P. 8-83850
- Mackowiak, M.**, Stankowski, J., Zdanowska, M., Gierszal, H. Apparatus for the study of nuclear quadrupole resonance under high hydrostatic pressure 8-74038
- McKoy, B.V.** see Rescigno, T.N. 8-55149
- McLafferty, F.W.** Computer identification of mass spectra 8-86966
- McLafferty, F.W.** see Dill, J.D. 8-82861
- MacLagan, R.G.A.R.** Valence-bond studies on CH_4 8-62729
- McLane, S.B.** see Ng, Y.S. 8-64766
- McLaren, J.W.** see Berman, S.S. 8-76937
- McLaren, R.A.** see Betz, A.L. 8-85859
- McLattie, W.** see McDonald, A.B. 8-89871
- MacLachy, C.S.** Radius of curvature of the cornea—an experiment for the life-science physics lab 8-62004
- MacLaughlin, D.E.**, Hewitt, R.R. NMR in CeAl_3 : Crystal-field effects and magnetic order in the low-temperature phase 8-68391
- MacLaughlin, D.E.** see Hewitt, R.R. 8-91984
- MacLaughlin, D.E.** see Tse, P.K. 8-60251
- McLaughlin, D.K.** see Ko, C.L. 8-55703
- McLaughlin, D.W.** see Costabile, G. 8-68115
- McLaughlin, E.** see McElhannon, W.A. 8-91467
- McLaughlin, J.B.**, Cowden, D., Aaraj, S. Increased flow rate of polymer solutions in electric fields 8-75210
- McLaughlin, J.F.** see Gentry, R.V. 8-81157
- McLaughlin, J.L.** Practical interferometry at 1.06 microns 8-49893
- McLaughlin, R.J.** see Jones, D.L. 8-81136
- McLaughlin, R.W.** see Zipt, E.C. 8-58847
- McLaughlin, T.G.**, Clark, L.B. The electronic spectrum of biphenyl 8-64377
- McLaurin, G.E.** see Kell, G.S. 8-55711
- McLean, A.** see Soda, H. 8-51798
- McLean, A.S.** Radiation accidents: reflections and reminiscences 8-53519
- McLean, C.** see Popp, F. 8-50562
- McLean, D.**, Dyson, B.F., Taplin, D.M.R. The prediction of creep fracture in engineering alloys 8-56776
- McLean, D.**, Pineau, A. Grain-boundary sliding as a correlating concept for fatigue hold-times 8-72851
- McLean, D.A.** see Greedan, J.E. 8-84400
- McLean, D.J.** see Dulk, G.A. 8-77533
- McLean, D.R.**, Seymour, C.G., Weeks, J.L. Emergency planning and the transportation of irradiated nuclear fuel in Canada 8-50411
- McLean, E.A.** see Stamper, J.A. 8-59680
- McLean, F.B.** see Boesch, H.E. Jr. 8-60206
- McLean, L.S.**, Brown, J.C. Polarisation by Thomson scattering in optically thin stellar envelopes. III. A statistical study of the oblateness and rotation of Be star envelopes 8-96484
- McLean, L.S.** see Brown, J.C. 8-81655
- McLean, J.A.**, Davidson, J. An analogue output device for recording flow rate 8-75237
- McLean, W.L.**, Lindenfeld, P., Worthington, T. Hopping conduction and superconductivity in granular aluminium 8-60243
- McLeish, W.** see Shemdin, O.H. 8-7 248
- McLellan, R.B.** Volume effects in iron-carbon solid solutions 8-75839
- McLellan, R.B.** Diffusion of nitrogen in liquid iron-based solutions 8-75862
- McLellan, R.B.** Thermochemistry of liquid iron-based ternary solutions 8-80782
- McLellan, R.B.** see Farraro, R.J. 8-52783
- McLellan, R.B.** see Farraro, R.J. 8-51741, 8-75706
- MacLennan, C.G.**, Lanzerotti, L.J., Hasegawa, A., Bering, E.A., III, Benbrook, J.R., Sheldon, W.R., Rosenberg, T.J., Matthews, D.L. On the relationship of ~ 3 mHz (Pc 5) electric, magnetic, and particle variations 8-81507
- MacLennan, C.G.** see Anderson, C.W. 8-85477
- MacLennan, C.G.** see Lanzerotti, L.J. 8-89013
- MacLennan, C.G.** see Lanzerotti, L.J. 8-88994
- MacLennan, J.A.** see Wong, C.K. 8-49778
- McLeod, A.J.**, Hogan, L.M. Crystal multiplication in undercooled Cu+2 pct Sn alloy 8-84866
- McLeod, A.M.** see Clark, W.R.K. 8-87596
- McLeod, C.P.** see Brookes, J.R. 8-93190
- McLeod, D.Jr.** see Kasai, P.H. 8-50564
- McLeod, J.B.**, Parter, S.V. The non-monotonicity of solutions in swirling flow 8-59404
- McLeod, J.M.** see Andrew, B.H. 8-89267
- McLeod, J.M.** see Broten, N.W. 8-93370
- McLeod, R.A.** see Patterson, R.J. 8-57332
- McLerran, L.** see Freedman, B. 8-54608
- McLerran, L.D.** see Giles, R. 8-70266
- McLevige, W.V.**, Vaidyanathan, K.V., Streetman, B.G., Comas, J., Plew, L. Annealing studies of Be-implanted $\text{GaAs}_{0.9}\text{P}_{0.1}$ 8-84213
- McLevige, W.V.**, Vaidyanathan, K.V., Streetman, B.G., Ilegems, M., Comas, J., Plew, L. Annealing studies of Be-doped GaAs grown by molecular beam epitaxy 8-79898
- MacLinn, A.P.**, Animalu, A.O.E. Generalised APW formulation of the transition metal model potential 8-91579
- McLoughlin, G.P.** see Tothill, P. 8-73206
- McMahan, A.K.** Calculation of the electronic transition in cesium 8-51884
- Macmahon, A.B.** see Caldwell, G.S. 8-54936
- McMahon, C.J.** see Ogura, T. 8-84761
- McMahon, C.J., Jr.**, Briant, C.L., Banerji, S.K. The effects of hydrogen and impurities on brittle fracture in steel 8-60765
- McMahon, C.J., Jr.**, Marchut, L. Solute segregation in iron-based alloys 8-72780
- McMahon, C.J., Jr.** see Banerji, S.K. 8-52978
- McMahon, C.J., Jr.** see Briant, C.L. 8-76735
- McMahon, C.J., Jr.** see Ucisik, A.H. 8-52863
- McMahon, D.H.** see Soref, R.A. 8-55438, 8-55473
- McMahon, E.J.** A tutorial on treeing [electric breakdown of solid organic insulation] 8-84524
- McMahon, T.** see Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- McMahon, T.J.** see Corden, M.J. 8-62470

- McMahon, W.J.**, Heroux, L. Rocket measurement of thermospheric photoelectron energy spectra 8-77379
- McMaken, H.** see Gautesen, A.K. 8-79161
- McManus, F.E.**, Wyers, E.J. A device for measuring patterns of locomotor behaviour in the earthworm 8-88772
- McManus, H.** see Wiedner, C.A. 8-89915
- McMaster, A.D.** see Sauer, J.A. 8-52968
- McMasters, G.D.**, Holland, G.E., Gschneider, K.A., Jr. Single crystal growth by the horizontal levitation zone melting method 8-64468
- McMasters, O.D.** see Houmann, J.G. 8-84422
- McMasters, O.D.** see Stassis, C. 8-68151
- McMechan, G.A.** Multiple water reflections recorded at the ocean bottom 8-57331
- McMechan, G.A.** p - Δ curves for a point source lying on a boundary 8-61336
- McMechan, G.A.** see Horner, R.B. 8-85500
- McMeeking, R.F.** see Allen, G.C. 8-64897
- McMeeking, R.M.** Finite deformation analysis of crack-tip opening in elastic-plastic materials and implications for fracture 8-51126
- McMeeking, R.M.** see Brown, D.K. 8-67150
- McMenamin, J.C.**, Bauer, R.S. Surface final-state effects on core electron transition energies 8-91745
- McMenamin, J.C.** see Bauer, R.S. 8-95244
- McMichael, G.E.**, Fraser, J.S., McKeown, J. The control computer for the Chalk River electron test accelerator 8-90004
- McMillan, A.F.** see Wang, S.T. 8-85611
- McMillan, J.A.**, Clemens, J.M. Paramagnetic and optical studies of radiation damage centres in $K(H_{1-x}D_x)_2PO_4$ 8-68379
- McMillan, P.W.** see Donald, I.W. 8-55417
- McMillan, P.W.** see Stryjak, A.J. 8-56667, 8-80506, 8-80507
- MacMillen, D.** see Hioe, F.T. 8-70014
- McMillin, D.R.** Fluctuating electric dipoles and the absorption of light [teaching] 8-73802
- McMorran, P.D.** see Moec, E.O. 8-82439
- McMullan, J.T.**, Morgan, R., Murray, R.B. Heat pumps 8-71274
- McMullen, T.** see MacGregor, R.J. 8-53384
- McMullen, T.** see McKee, B.T.A. 8-64427
- McMullin, P.G.** Optimal dielectric layers for diode laser facets 8-63144
- McMurray, W.R.** see Brink, J.A. 8-94314
- McMurray, W.R.** see Lutz, H.O. 8-50628, 8-78793
- McMurry, H.L.** see Taub, H. 8-87870
- McNab, A.**, Muir, G. Flaw sizing of real defects 8-53041
- McNab, T.K.**, Perez, J.D., McDonald, R.E. Determination of the relaxation mechanisms for polarized ^{12}B implanted in single-crystal aluminum 8-87693
- McNabb, A.** see Sutton, F.M. 8-85516
- McNair, G.W.**, Peddicord, K.L. An improved finite difference method to evaluate heat transfer in fuel pins with eccentrically placed pellets 8-82419
- McNally, J.Rand, Jr.** see Rand McNally, J., Jr. 8-58419
- McNally, J.R.**, Jr. see Peng, Y.-K.M. 8-58419
- McNally, K.C.**, McEvilly, T.V. Velocity contrast across the San Andreas Fault in central California: small-scale variations from P-wave nodal plane distortion 8-65188
- McNally, K.C.**, Simila, G.W., Von Dollen, F.J. Microearthquake activity adjacent to the Rocklin pluton near Auburn, California 8-92791
- McNamara, A.G.** see McDiarmid, D.R. 8-88966
- McNamara, D.H.**, Feltz, K.A., Jr. GD 428 and the nature of the dwarf Cepheids 8-73720
- Macnaughton, J.** see Otter, G. 8-82251
- Macnaughton, J.N.** see Michaelidou, C. 8-93904
- McNaughton, M.W.** see Bevington, P.R. 8-78207
- McNaughton, M.W.** see Romero, J.L. 8-50148
- McNaughton, P.A.** see Detwiler, P.B. 8-80874
- McNeal, N.A.**, Goldman, A.M. Vapor-deposited metal-gas alloys of sodium and ammonia 8-84317
- McNeely, W.A.** see Brandelik, R. 8-62416
- McNeese, J.A.** see Brenchley, D.L. 8-94112
- McNeil, B.J.** Cost-effectiveness considerations in the evaluation of a new technology 8-69192
- McNeil, J.R.**, Reid, R.D., Gerstenberger, D.C., Collins, G.J. Ultra-violet ion lasers 8-66809
- McNeil, J.R.** see Warner, B.E. 8-82953
- Macneilage, P.F.** see Sussman, H.M. 8-65054, 8-92653
- McNeish, A.** see Burdett, J.K. 8-92492
- McNeish, A.** see Poliakov, M. 8-74651
- McNiff, E.J., Jr.** see Foner, S. 8-68289
- MacNulty, B.J.** The effect of rolling on the mechanical properties of polymers with phenylene groups in the main chain [polycarbonate, polyether sulphone and polysulphone] 8-52837
- McNulty, G.J.**, Holding, J., Popplewell, N. Use of a small scale model to predict steam hammer noise 8-90598
- McNulty, P.J.** see Kerker, M. 8-63010
- McNutt, J.C.** Oral sensory and motor behaviors of children with /s/ or /r/ misarticulations 8-65059
- McNutt, M.**, Menard, H.W. Lithospheric flexure and uplifted atolls 8-53630
- McNutt, M.** see Shih, J.S.F. 8-65253
- McNutt, M.J.**, Sah, C.T. Experimental MOS C-V data in strong inversion 8-72266
- McNutt, M.K.**, Parker, R.L. Isostasy in Australia and the evolution of the compensation mechanism 8-65252
- Maconnachie, A.**, Richards, R.W. Neutron scattering and amorphous polymers 8-83753
- Maconnachie, A.** see Richards, R.W. 8-50671
- Macosko, C.W.** see Davis, W.M. 8-60693
- McPhedran, R.C.**, McKenzie, D.R. Exact solutions for transport properties of arrays of spheres 8-56120
- McPhedran, R.C.** see Adams, J.L. 8-59139
- McPhedran, R.C.** see McKenzie, D.R. 8-56446, 8-72126
- McPherron, R.L.**, Snare, R.C. A procedure for accurate calibration of the orientation of the three sensors in a vector magnetometer 8-53741
- McPherron, R.L.** see Arthur, C.W. 8-96358
- McPherron, R.L.** see Hughes, W.J. 8-57401, 8-85775
- McPherson, A.C.** see Cameron, W. 8-54653
- MacPherson, J.I.** see Isaac, G.A. 8-57352
- McPherson, R.** see Egelstaff, P.A. 8-82810
- McPherson, R.** see Gani, M.S.J. 8-60639
- McPherson, R.D.** see Tracton, M.S. 8-53696
- McPherson, R.F.** see Besch, E.L. 8-92734
- Macq, P.** see Budzanowski, A. 8-66289
- Macq, P.** see Leleux, P. 8-70726
- Macq, P.** see Pirart, C. 8-50187
- McQueen, D.H.** On the acoustic motion of fibrous networks in viscous media 8-59177
- McQueen, D.M.** see Conrad, W.A. 8-59488
- McQueen-Smith, B.** Condition monitoring by thermography 8-68851
- MacQuigg, D.R.** see Storm, E.K. 8-74471
- McQuillan, G.P.** see McKean, D.C. 8-90167
- McQuistan, R.B.** On the normalization of one-dimensional lattice statistics 8-62161
- McQuoid, A.** see Bates, B. 8-77490
- McRae, B.P.**, Diesendorf, J.L., Glasson, G.T. A new theory of shielding against direct lightning strokes based on recent lightning discharge data 8-88899
- McRae, E.G.**, Caldwell, C.W. Electronic surface resonances and crystal surface structure 8-68067
- McRae, E.G.**, Caldwell, C.W. Electronic surface resonances and crystal surface structure 8-71648
- Macrander, A.T.** Density of solid krypton at melting and isochoric equation of state of solid krypton and solid argon 8-83915
- Macri, M.** see Berglund, A. 8-66160
- Macris, C.J.** Variation of dimensions of photo-spherical granules in the vicinity of sunspots 8-89145
- McShane, M.C.** see Emery, R.M. 8-53533
- McSweeney, H.Y., Jr.** see Richardson, S.M. 8-53890
- McSweeney, H.Y., Jr.** see Ryder, G. 8-65519
- McTague, J.** see Alexander, S. 8-83761
- McTavish, J.** see Bone, R. 8-77655
- MacVicar, M.L.A.** see Bostock, J. 8-67793
- MacVicar, M.L.A.** see Levinson, M. 8-92261
- McVittie, G.C.** Newtonian cosmology with a time-varying constant of gravitation 8-65733
- McWhan, D.B.**, Dernier, P.D., Vettier, C., Cooper, A.S., Remeika, J.P. X-ray diffuse scattering from alkali, silver, and europium β -alumina 8-71725
- McWhan, D.B.**, Dynes, R.C., Shapiro, S.M. Neutron scattering study at high pressure of the phonon softening in lead 8-80091
- McWhan, D.B.** see Moon, R.M. 8-68163
- McWhirter, J.G.**, Pike, E.R. On the numerical inversion of the Laplace transform and similar Fredholm integral equations of the first kind 8-81800
- McWilliams, G.E.** see Clawson, A.R. 8-65966
- McWilliams, M.O.**, Dunlop, D.J. Grenville paleomagnetism and tectonics 8-88794
- McWilliams, M.O.** see Buchan, K.L. 8-65278
- Macy, W., Jr.**, Gelfand, J., Smith, W.H. Interpretation of the 6818.9-Å methane line in terms of inhomogeneous scattering models for Uranus and Neptune 8-53871
- Macy, W., Jr.**, Smith, W.H. Detection of HD on Saturn and Uranus, and the D/H ratio 8-57495
- Mada, H.** see Mizuno, M. 8-52530
- Mada, H.** see Shimoda, S. 8-83724
- Madan, G.L.** see Kulshreshtha, A.K. 8-83754
- Madan, R.N.**, Blankenbecler, R. Variation-iteration principle for wave functions 8-54227
- Madan, S.Z.** see Waldman, J. 8-52481
- Madaram, H.** Self-induced vibrations by thermal stress 8-75084
- Madaras, R.J.** see Feller, J.M. 8-66136
- Madaras, R.J.** see Heile, F.B. 8-74238
- Madaras, R.J.** see Jaros, J.A. 8-50042
- Madaras, R.J.** see Peruzzi, I. 8-74252
- Madaras, R.J.** see Quenzer, A. 8-70370
- Madaras, R.J.** see Scharre, D.L. 8-89723
- Madaras, R.J.** see Tanenbaum, W. 8-66113
- Madaras, R.J.** see Vuillemin, V. 8-93876
- Madaune, M.** see Genet, J. 8-58111
- Maddams, W.F.** see Baker, C. 8-86918, 8-86919, 8-86920
- Maddams, W.F.** see Robinson, M.E.R. 8-84583
- Madden, C.** see Lyman, J. 8-92360
- Madden, F.J.** KC-film—a solid state camera speed electrophotographic film 8-70211
- Madden, H.H.**, Zehner, D.M., Noonan, J.R. $L_{2,3}$ VV and MVV Auger spectra of copper 8-68583
- Madden, H.H.**, Zehner, D.M., Noonan, J.R. Atomic model and valence-band features in the MVV Auger spectra of copper 8-72644
- Madden, J.A.** see Llauro, J.G. 8-65114
- Madden, J.A.** see Mack, G.A. 8-73241
- Madden, P.A.** Investigation of plasma position control and sensor requirements for Tokamak EPRs 8-62628
- Madden, P.A.** The depolarized Rayleigh scattering from fluids of spherical molecules 8-88319
- Madden, P.A.** see Clarke, K.L. 8-86778
- Madden, P.J.** see Bell, K.L. 8-78816, 8-90265
- Madden, P.K.**, Harbottle, J.E. The imaging of slip bands in nickel 8-51596
- Madden, R.P.** Calibration with synchrotron radiation 8-65967
- Madden, W.G.**, Fitts, D.D., Smith, W.R. Perturbation theory for the radial distribution functions of dipolar and quadrupolar hard-sphere fluids 8-59727
- Madden, W.G.**, Gomer, R. The effect of electrolyte on dipole layers at liquid-air interfaces 8-51796
- Maddison, R.J.** Lighting for high-speed cine photography 8-54483
- Maddock, A.G.** see Fernandez Valverde, S. 8-92470
- Maddux, G.E.** see Swedlow, J.L. 8-67114
- Madejski, J.** Viscosity of liquid from a simple kinetic model of liquid 8-55793
- Madejski, J.** A theory of surface tension 8-56022
- Madelain, F.**, Kerut, E.G. Evidence of mesoscale eddies in the Northeast Atlantic from a drifting buoy experiment 8-73397
- Madelaine, G.** see Boulaud, D. 8-81392, 8-96255
- Madelaine, G.** see Renoux, A. 8-81376
- Madeore, F.** see Buisson, R. 8-52157
- Mader, G.L.**, Johnston, K.J., Moran, J.M. The spatial distribution of the OH and H₂O masers associated with W3(OH), W49N, and W51 8-93355
- Mader, J.J.** see Berko, S. 8-91605
- Madey, J.M.J.** see Deacon, D.A.G. 8-82940, 8-90406
- Madey, J.M.J.** see Squier Hanni, R. 8-52059
- Madey, R.**, Photinos, P.J., Lee, K.B. The volume adsorption capacity of 0.98 mol.% argon on activated carbon at 20°C 8-75933
- Madey, R.**, Waterman, F.M., Baldwin, A.R., Knudson, J.N., Carlson, J.D., Rapaport, J. The response of NE-228A, NE-228, NE-224, and NE-102 scintillators to protons from 2.43 to 19.55 MeV 8-58542
- Madey, R.** see Forsythe, R. 8-56031
- Madey, T.E.**, Holloway, P.H., Rye, R.R., Houston, J.E. Chemical state effects in Auger electron spectroscopy 8-72687
- Madey, T.E.**, Yates, J.T., Jr. Characterization of adsorbed hydrocarbons by electron-stimulated desorption 8-71958
- Madey, T.E.**, Yates, J.T., Jr. The adsorption of cycloparaffins on Ru(001) as studied by temperature programmed desorption and electron stimulated desorption 8-87872
- Madey, T.E.** see Fisher, G.B. 8-73080
- Madey, T.E.** see Rye, R.R. 8-92566
- Madge, D.** see Brannon, J.H. 8-72582
- Madhav Rao, L.** see Chakravarthy, R. 8-68171
- Madhava, M.S.** see Somashekar, R. 8-76419
- Madhukar, A.** Contributions of the electron-electron and electron-phonon interactions to the carrier effective mass in inversion layers 8-64087
- Madhukar, A.** see Bell, B. 8-71980
- Madhukar, A.** see Lowy, D.N. 8-72261
- Madhukar, A.** see Nucho, R.N. 8-95350
- Madhukar, A.** see Ratner, M.A. 8-60057
- Madhusudana, N.V.** see Karat, P.P. 8-91245
- Madhusudana, N.V.** see Savithramma, K.L. 8-56276
- Madhusudhana Rao, D.N.**, Ramana, K.V.V. An approximate method for separating D- and E-region contributions to total ionospheric absorption of 2.4 MHz pulsed radio transmissions at vertical incidence 8-69593
- Madhusudhana Rao, D.N.** see Jaganmohan Rao, B. 8-69594
- Madhvanath, U.** see Singh, D. 8-58504, 8-94143
- Madison, D.H.** see Berkowitz, J.K. 8-62896
- Madix, R.J.** see Benziger, J. 8-73083
- Madix, R.J.** see Wachs, I.E. 8-61044, 8-88556

- Madjar, N.** *see* Burq, J.P. 8-82569
- Madland, D.** *see* Hoffman, G.W. 8-54760
- Madland, D.** *see* Hoffmann, G.W. 8-62674
- Madle, P.J.** Introduction to field penetration 8-82885
- Madle, P.J.** *see* Chivington, E.P. 8-58502
- Madsen, E.** *see* Zagzebski, J. 8-73182
- Madsen, J.** *see* Jepsen, O. 8-87899
- Madsen, J.C.** *see* Stromeyer, C.F., III 8-92632
- Madsen, J.U., Cotterill, R.M.J.** Crystallographic phase determination from dark-field electron-microscope moiré patterns 8-51396
- Madsen, N.F.I.** The natural frequency of prismatic plate structures submerged in a liquid 8-79256
- Madsen, V.A.** *see* Baur, G. 8-50175
- Madsen, V.A.** *see* Brown, V.R. 8-78359
- Madsen, V.A.** *see* Speth, J. 8-50142
- Madume, G.Ch.** *see* Hashimoto, O. 8-54684
- Madumezia, A.** *see* Mgbeni, E.N. 8-80437, 8-84118
- Madyanov, S.A.** *see* Apaev, B.A. 8-52827
- Madyanov, S.A.** *see* Gaiducheny, V.F. 8-56698
- Madzhulis, I.Ya., Fomins, Ya.Ya., Yurkevich, V.E., Rolov, B.N.** The ferroelectric second order phase transitions in thin films 8-52458
- Madzhulis, I.Ya., Yurkevich, V.E., Rolov, B.N.** The thermodynamic potential of the systems with size effects 8-80297
- Maé, S., Naruse, R.** Possible causes of ice sheet thinning in the Mizuho Plateau 8-57229
- Maeda, A.** *see* Kawamura, S. 8-64980
- Maeda, H.** *see* Handa, S. 8-61655, 8-61656
- Maeda, H.** *see* Kikuchi, T. 8-65456
- Maeda, H.** *see* Kimura, H. 8-79468
- Maeda, H.** *see* Maekawa, K. 8-65455
- Maeda, H.** *see* Nagami, K. 8-79411, 8-86685
- Maeda, H.** *see* Odajima, K. 8-75418, 8-86684
- Maeda, H.** *see* Ohasa, K. 8-59691
- Maeda, H.** *see* Ohtsuka, H. 8-91156
- Maeda, H.** *see* Shimomura, Y. 8-94125
- Maeda, K., Nakagawa, K., Takeuchi, S.** Activation analysis of plastic deformation of CdTe below room temperature 8-84935
- Maeda, K.** *see* Ejiri, H. 8-50185, 8-89872, 8-93927
- Maeda, K.** *see* Kawata, S. 8-60532
- Maeda, K.** *see* Sato, H. 8-69790
- Maeda, K.** *see* Suzuki, I.H. 8-62935, 8-86959
- Maeda, K.** *see* Takeuchi, S. 8-51605
- Maeda, K.** *see* Tsuchida, E. 8-63288
- Maeda, M., Ikeda, T.** Elastic properties of rochelle salt-ammonium rochelle salt mixed crystals 8-76390
- Maeda, M., Nagano, K., Tanaka, M., Chiba, K.** Buried-heterostructure laser packaging for wideband optical transmission systems 8-74920
- Maeda, M., Uchino, O., Kohno, J., Doi, E., Miyazoe, Y.** Second-harmonic generation of flashlamp-pumped dye laser 8-90459
- Maeda, M., Uchino, O., Kohno, J.-I., Miyazoe, Y.** Multi-stage amplification of a flashlamp-pumped dye laser for second harmonic generation 8-74922
- Maeda, M., Yamashita, T., Miyazoe, Y.** High-pressure nitrogen ultraviolet lasers 8-55346
- Maeda, M., Yamashita, T., Miyazoe, Y.** High-power XeCl excimer laser by discharge pumping 8-55375
- Maeda, M.** *see* Ikushima, I. 8-55355
- Maeda, M.** *see* Nagano, K. 8-87054
- Maeda, M.** *see* Pigford, T.H. 8-82446
- Maeda, S., Ito, K.** Multicomponent measurement NDIR 'Mark-a-Lyzer' 8-61117
- Maeda, S.** *see* Hirose, C. 8-86849
- Maeda, T., Sugino, M.** The program system of air pollution monitoring system 8-81414
- Maeda, T.** *see* Yukawa, T. 8-95486
- Maeda, Y.** A Be p-silicon MIS solar cell 8-88030
- Maeda, Y.** *see* Fuchi, H. 8-70521
- Maeda, Y.** *see* Masuhara, H. 8-58772
- Maeda, Y.** *see* Sakai, H. 8-72438
- Maeder, A.** Metrical connection in space-time, Newton's and Hubble's laws 8-57435
- Maeder, A.** Cosmology. II. Metrical connection and clusters of galaxies 8-69919
- Maeder, A.** The boundaries of a convective zone 8-89187
- Maeder, A.** *see* Bouvier, P. 8-65843
- Maeder, A.** *see* Burki, G. 8-61854
- Maeder, A.** *see* Magnenat, P. 8-65661
- Maeder, F., Kutzelnigg, W.** Natural states of interacting systems and their use for the calculation of intermolecular forces. II. Natural states in the asymptotic 1/R expansion 8-86930
- Maeder, F.** *see* Kutzelnigg, W. 8-82807
- Maeder, W.** *see* Mesqui, F. 8-92754
- Magee, J.** Some remarks about the evaluation of measured Hall data on GaP 8-91704
- Magee, J.** *see* Krispin, P. 8-64101
- Magee, J.** *see* Menniger, H. 8-83695
- Maehara, H., Yamashita, Y.** Measurement of radial velocities from objective prism spectra I. Use of the A-band as a reference line 8-89083
- Maehara, H., Ishida, K.** An automated isophotometer for large photographic plates 8-89069
- Maehara, H.** *see* Ishida, K. 8-89070, 8-89081
- Maehara, H.** *see* Yamashita, Y. 8-81636
- Maehlum, B.** *see* Reeve, C. 8-96337
- Maekawa, K., Maeda, H.** Electric fields in the ionosphere produced by polar field-aligned currents 8-65455
- Maekawa, K.** *see* Kikuchi, T. 8-65456
- Maekawa, S.** *see* Hiyanizumi, S. 8-84328
- Maekawa, T., Tanaka, S.** Ion cyclotron drift instability driven by cross-field electron current and plasma heating 8-51290
- Maekawa, T., Tanaka, S., Terumichi, Y., Hamada, Y.** Wave trajectory and electron-cyclotron heating in toroidal plasmas 8-59628
- Maekawa, Z.** *see* Hashimoto, S. 8-92110
- Maeland, A.** *see* Santoro, A. 8-95018
- Maeland, A.J.** *see* Bowman, R.C., Jr. 8-91978
- Maenchen, J.** *see* Greenspan, M. 8-50324
- Maeno, M.** *see* Gomay, Y. 8-59690
- Maeno, M.** *see* Odajima, K. 8-67312
- Maerfeld, C.** *see* Gautier, H. 8-66989
- Maergoiz, I.I.** *see* Osipova, O.G. 8-94921
- Maershin, A.A.** *see* Tsykanov, V.A. 8-86582
- Maeshima, M.** *see* Bankoff, S.G. 8-94588
- Maess, G., Peters, W.** Solutions for inconsistent systems of linear equations, and determination of a pseudoinverse for rectangular matrices using a column approximation 8-62061
- Maestrello, L.** *see* Bayliss, A. 8-94459
- Maestri, M., Infelta, P.P., Gratzel, M.** Kinetics of fast light-induced redox processes in micellar systems: intramolecular electron transfer 8-92603
- Maeta, S., Sakaguchi, K.** Thermally stimulated currents from shallow trapping centers in anthracene single crystals 8-92015
- Maeva, O.I.** *see* Dmitruk, N.L. 8-68070
- Maewal, A., Gurtman, G.A., Hegemier, G.A.** A mixture theory for quasi-one-dimensional diffusion in fiber-reinforced composites 8-71271
- Maewal, A.** *see* Murakami, H. 8-87230
- Maewawa, K., Takahashi, M., Saito, Y., de Haas-van Alphen effect in cobalt 8-87900**
- Maewawa, K.** *see* Terasawa, T. 8-57491
- Maewawa, S., Lock, G.S.H.** Heat transfer inside a tube with a novel promoter 8-94728
- Maewawa, S., Watanabe, T.** Steady impact vibration of a body having hysteresis collision characteristics. III. Stability analysis 8-51099
- Maffeo, B.** *see* De Queiroz, S.L.A. 8-63762
- Maffeo, B.** *see* Muniz, R.B. 8-82864
- Maffeo, B.** *see* Oliveira, L.E. 8-63761
- Maffizzoli, A.** An annotated bibliography on eye movements while reading 8-53394
- Maftai, Gh., Popescu-Botez, G.** Heat of diamagnetic crystals in magnetic field 8-91868
- Maftul, J., Maloch, J., Stanek, Z.** On the question of ambient medium heating in a tube of the rail accelerator 8-63599
- Maftul, J., Maloch, J., Stanek, Z.** On the question of ambient medium heating in a tube of the rail accelerator 8-75439
- Magagnini, P.L.** *see* Frosini, V. 8-56686
- Magalinskii, V.B.** The tensor field of weak inhomogeneous orientational ordering in the theory of liquid crystals 8-67640
- Magalinskii, V.B.** The free energy of liquid crystals with slowly varying orientational order parameters 8-75533
- Magana, J.W.** *see* Behrens, J.W. 8-50217
- Magana, J.W.** *see* Wade, W.Z. 8-87811
- Magarill, L.I., Chaplik, A.V.** Galvanomagnetic effects in a spatially inhomogeneous system 8-72129
- Magarill, L.I.** *see* Baskin, E.M. 8-88016
- Magarino, J., Tuchendler, J., Renard, J.P.** Electron paramagnetic resonance experiments at high frequencies and low temperatures in one dimensional TMMC 8-80205
- Magarino, J.** *see* Fert, A.R. 8-80339
- Magataev, V.K., Gladkii, V.V., Zheludev, I.S., Gavrilova, I.V.** Polarization of the improper ferroelectric NaNH₄-tartrate in the phase transition region 8-72477
- Magda, M.T.** *see* Alevra, A. 8-62542
- Magde, D.** Photoselection with intense laser pulses 8-66606
- Magdelenat, H., Turq, P., Tivant, P., Chemla, M., Menez, R., Drifford, M.** Apparent ionic charge in electrolyte and polyelectrolyte solutions 8-76875
- Magdenko, A.N., Voronin, V.P., Shul'te, A.Yu., Kirillov, K.I., Silaev, I.I.** Influence of loading rate and sea water on the K_{1c} value of thermally-strengthened steel 40Kh 8-56799
- Magee, C.B.** *see* Varma, S.K. 8-92245
- Magee, C.W., Harrington, W.L.** Depth profiling of sodium in SiO₂ films by secondary ion mass spectrometry 8-79624
- Magee, C.W., Harrington, W.L., Honig, R.E.** Secondary ion quadrupole mass spectrometer for depth profiling—design and performance evaluation 8-54495
- Magee, C.W.** *see* Carlson, D.E. 8-75877
- Magee, T.J., Peng, J.** Si epitaxial regrowth and grain structure of Al metallization on (100) Si 8-79901
- Magee, T.J., Peng, J.** Investigation of solid-solid reactions of Au films on silicon 8-95369
- Magee, T.J.** *see* Gat, A. 8-91345
- Magelsen, G.R.** *see* Moses, G.A. 8-58426, 8-59640
- Mager, S.** *see* Rindelhardt, U. 8-63866
- Magerl, A., Teuchert, W.D., Scherm, R.** Acoustic phonon anomaly at small wavevectors in Nb-H 8-59882
- Magerl, G.** *see* Bonek, E. 8-55389
- Magerramov, A.I.** *see* Abdullaev, G.K. 8-87655
- Magg, M.** Some constraints on finite energy solutions in non-Abelian gauge theories 8-58117
- Magg, M.** The classical Yang-Mills field of a quark source 8-78077
- Maggi, G.** *see* Anelli, E.F. 8-82585
- Maggi, G.** *see* Cutts, D. 8-78380, 8-89746
- Maggiore, G.M.** *see* Petke, J.D. 8-78639
- Maggiore, C.** *see* Ogle, W. 8-55117
- Maggipinto, G.** *see* Baldassarre, L. 8-52000
- Maggis, J.E.** Electrostatic noise generated by the auroral electron beam 8-85759
- Magill, J.H.** Morphogenesis of solid polymer microstructures 8-83757
- Magill, J.H.** *see* Li, H.M. 8-84885
- Magill, P.J.** Ellipsometric measurement of thin silicon films on evaporated aluminium-copper 8-51840
- Maginness, M.G.** *see* Plummer, J.D. 8-87223
- Magistad, J.G.** *see* Pyper, J.W. 8-58090
- Magistri, S.** *see* Bertoli, M. 8-88749
- Magistris, A.** *see* Chiodelli, G. 8-95181
- Magleby, K.L.** *see* Miller, D.C. 8-77042
- Maglevannyi, I.I.** Formalism of external forms and non-inertial reference systems 8-81894
- Maglevannyi, I.I.** The equations of electrodynamics in non-inertial reference systems 8-81895
- Maglic, R.** *see* Edelstein, A.S. 8-68159
- Maglich, B.C.** Migma-cell—a low-gain 'driven' fusion power amplifier as an interim energy source 8-54875
- Maglietta, M., Zanazzi, E., Bardi, U., Jona, F., Jepsen, D.W., Marcus, P.M.** LEED analysis of the Co{001}(2×2)-O structure 8-91546
- Magnac, D.** *see* Warde, E. 8-58233
- Magnani, B.** *see* Corazza, G.C. 8-57108
- Magnasco, V.** A generalised London formula for dispersion coefficients 8-82662
- Magnea, N.** *see* Katircioglu, B. 8-87697
- Magnee, A.** *see* Guillaume, P. 8-68690
- Magnenat, N., Thalmann, D.** Differential equations, an interdisciplinary model! 8-77640
- Magnenat, P., Martinet, L., Maeder, A.** The age dependence of stellar velocity dispersion in a scale covariant gravitation 8-65661
- Magni, G.** *see* Coradini, A. 8-85862
- Magnin, P.** *see* Bene, G.-J. 8-73187
- Magnitskii, S.A.** *see* Ivanova, Z.I. 8-71151
- Magno, R., Adler, J.G.** An electron tunneling study of the chemisorption of formic acid on different surfaces 8-84049
- Magno, R.** *see* Adler, J.G. 8-90261
- Magno, R.** *see* Konkin, M.K. 8-76139, 8-84356
- Magnon-Ashtekar, A.** *see* Ashtekar, A. 8-65831, 8-77771
- Magnus, K.** The mechanics of spinning tops 8-87253
- Magnuson, G.D.** *see* Neynaber, R.H. 8-70911
- Magnussen, H.** *see* Stevenson, R. 8-80800
- Magnussen, J.** *see* Graupe, D. 8-88766
- Magnusson, G., Andersson, P., Bergqvist, I.** MeV neutron capture cross section measurements with activation technique 8-86535
- Magnusson, R., Gaylord, T.K.** Solutions of the thin phase grating diffraction equation 8-54198
- Magnusson, R., Gaylord, T.K.** Diffraction efficiencies of thin phase gratings with arbitrary grating shape 8-66911
- Magnusson, R., Gaylord, T.K.** Diffraction regimes of transmission gratings 8-66912
- Magnusson, R.** *see* Arvidsson, A. 8-57101
- Magomedov, Ya.B.** *see* Amirkhanov, Kh.I. 8-67874
- Magometov, K.Kh.** *see* Parabina, G.I. 8-60612
- Magon, V.K.** *see* Baker, R.D. 8-70404, 8-89733
- Magon, V.K.** *see* Gay, M. 8-70405
- Magora, A., Gonen, B.** Computer editing of electromyographic recordings 8-80999
- Magrab, E.B.** *see* Bartel, T.W. 8-79165
- Magrab, E.B.** *see* Burroughs, C.B. 8-83306
- Magradze, B.A., Matveev, V.A.** Self-similar solutions in a conformally invariant theory with continuous mass spectrum 8-62335
- Magri, F.** A simple model of the integrable Hamiltonian equation 8-57744
- Magrini, A., Salmi, M.** Determination of sulfur content in fuel oils by radioisotopic, energy dispersive X-ray fluorescence spectrometry 8-61122
- Magruder, S.F.** Classical interactions of 't Hooft monopoles 8-78233

- Magunov, A.I.** *see* Balashov, V.V. 8-86831
- Magyar, J.** A simple rapid thermal length control for lasers and etalons 8-87056
- Mahaffey, R.A.** *see* Golden, J. 8-78998, 8-93784
- Mahajan, G.B.** Determination of phase shifts for Yukawa potential function 8-58237
- Mahajan, G.R.,** Chaudhuri, N.K., Sampathkumar, R., Iyer, R.H. Application of track registration technique in the estimation of fissile materials: analysis of uranium in rock samples 8-73533
- Mahajan, R.L.,** Gebhart, B. Higher order approximations to the natural convection flow over a uniform flux vertical surface 8-59388
- Mahajan, S.,** Gyorgy, E.M., Sherwood, R.C., Jin, S., Nakahara, S., Brasen, D., Eibschutz, M. Origin of coercivity in a Cr-Co-Fe alloy (chromidur) 8-64219
- Mahajan, S.** *see* Chin, G.Y. 8-76199
- Mahajan, S.** *see* Winter, A.T. 8-59814
- Mahajan, S.M.** *see* Kriz, A.H. 8-59627
- Mahajan, V.N.** Imaging with noncentrally obscured circular pupils 8-66774
- Mahajan, Y.,** Margolin, H. Surface cracking in α - β titanium alloys under unidirectional loading 8-56753
- Mahajan, Y.** *see* Margolin, H. 8-80637
- Mahan, B.H.** Transport in gases: an alternative treatment [teaching] 8-73804
- Mahan, G.D.,** Girvin, S.M. Blume-Capel model for plane-triangular and FCC lattices 8-80114
- Mahan, G.D.** *see* Bryant, G.W. 8-56543
- Mahanta, P.** *see* Deka, A.K. 8-50115
- Mahanta, P.C.** *see* Rahman, A. 8-84331
- Mahanthappa, K.T.,** Unger, D.G. Redundancy of octet/sextet and 20-plet dominance in weak radiative decays of baryons 8-62400
- Mahanti, N.C.** Uniform asymptotic analysis of wave motion due to a periodic pressure on a stratified fluid of finite depth 8-55673
- Mahanti, P.K.** A numerical solution scheme of the Klein-Gordon equation by the finite element method 8-78064
- Mahanti, S.D.,** Kaplan, T.A., Barma, M. Valence fluctuation in samarium compounds—a theoretical approach 8-67985
- Mahanty, J.,** Deo, B.B. Vibrations of finite linear chains of molecules 8-90139
- Mahanty, J.,** Paranjape, V.V. Dispersion self energy of an impurity in a dielectric 8-52536
- Mahanty, J.,** Taylor, R. van der Waals' forces and phonons in noble metals 8-91635
- Mahanty, J.** *see* Mehrotra, R. 8-56208
- Mahanty, J.** *see* Richardson, D.D. 8-91634
- Mahapatra, A.** *see* Kornreich, P.G. 8-64480
- Maharana, J.** Bounds on slope of diffraction peak and zeros of absorptive differential cross sections 8-74282
- Mahe, C.,** Marioge, J.P. A new workshop interferometer 8-58017
- Maher, B.O.,** Murphy, P.I., Sexton, M.C. A theoretical model of the effect of wind-gusting on rain-induced polarization 8-53678
- Maher, D.M.** *see* Krivanec, O.L. 8-55878
- Maher, J.V.** *see* Peng, J.C. 8-70543
- Maher, L.J.,** Tinsley, B.A. The diurnal and solar cycle variation of the charge exchange induced hydrogen escape flux 8-93022
- Maher, W.E.,** Hall, R.B. Experimental thermal coupling of laser beams 8-63145
- Mahesh, K.** On peak shifts and space charge effects in proportional counters 8-74537
- Mahesh, K.,** Mustafa, S.M. Electrode-emission effects on the saturation current in free-air ionization chamber 8-74539
- Mahesh, K.** *see* Mustafa, S.M. 8-55098, 8-90024
- Maheshwari, K.P.** *see* Shodha, M.S. 8-83575
- Maheshwari, K.P.** *see* Sodha, M.S. 8-83573
- Maheshwari, S.L.,** Bhatia, P.K. Radiative-transfer effects on thermal-convective instability in a stellar atmosphere with finite gyro-viscosity and Hall currents 8-53929
- Mahipal Singh** New monochromators of concave grating suitable for space telescopes 8-73629
- Mahlab, M.S.** *see* De Vries, P.L. 8-55232
- Mahle, C.E.** *see* Kreutel, R.W., Jr. 8-61712
- Mahlein, H.F.** Design of a low-loss coupler for coupling a planar waveguide to a strip waveguide. I. Investigation of surface coupling 8-87157
- Mahler, G.,** Schroder, U. On the interaction of an electron-hole drop with the crystal surface 8-79941
- Mahler, G.** *see* Hildebrand, O. 8-84244
- Mahmood, S.S.** *see* Bassali, W.A. 8-63300
- Mahmoud, K.M.H.** *see* Hassan, M.Y.M. 8-58247
- Mahmoud, S.** *see* Sherif, O. 8-53557
- Mahmoud, S.F.** *see* Botros, A.Z. 8-57166
- Mahmoudi, S.,** Wendling, E. G-, F-, and Σ -matrices for XY_2Z molecules of C_{4v} symmetry 8-66535
- Mahmud, Y.** *see* Triplett, B.B. 8-76368
- Mahn Won Kim, Schwartz, A.J.,** Goldberg, W.I. Evidence for the influence of hydrodynamics in a phase-separating fluid 8-83960
- Mahon, R.,** McIlrath, T.J., Koopman, D.W. Nonlinear generation of Lyman-alpha radiation 8-87038
- Mahoney, J.** *see* Doli, P. 8-70558
- Mahoney, J.** *see* Forrester, A.T. 8-65995
- Mahoney, J.** *see* Gelbke, C.K. 8-74399
- Mahoney, J.** *see* Olmer, C. 8-82379
- Mahoney, J.** *see* Pieper, S.C. 8-82378
- Mahoney, M.W.,** Paton, N.E. Closure: an explanation for fatigue crack growth rate acceleration/retardation due to overloads in austenitic stainless steels 8-64688
- Mahony, J.J.** *see* Chapman, P.B. 8-81856
- Mahony, T.D.** *see* Sullivan, M.F. 8-65082
- Mahr, H.** *see* Jackel, J. 8-68531
- Mahrenholtz, O.** The stability of freely suspended pipes carrying fluid flow 8-87298
- Mahrenholtz, O.** *see* Misra, J.C. 8-57029
- Mai, C.,** Perez, J., Tatibouet, J., Vassoille, R. Dislocation velocity in HF-doped ice 8-87677
- Mai, V.Q.** Radiation protections in the pressurized water nuclear power plant 8-82521
- Mai, W.** *see* Baier, F.W. 8-57659, 8-81693, 8-93437
- Mai, Y.W.,** Vipond, A.S. On the opening and edge-sliding fracture toughness of aluminium-epoxy adhesive joints 8-95805
- Mai-Tsun Li** *see* Li Mai-Tsun
- Maia, M.D.** The symmetry aspects of quantum field theory in general relativity 8-62139
- Maiani, L.,** Parisi, G., Petronzio, R. Bounds on the number and masses of quarks and leptons 8-58151
- Maidanik, V.N.** *see* Avdeev, A.A. 8-67258
- Maidl', Yu.V.** *see* Bagaev, V.V. 8-67420
- Maiellaro, M.** Uniqueness of MHD thermodynamic mixture flows with Hall and ion-slip effects 8-87415
- Maier, A.I.** *see* Karapet'yants, M.Kh. 8-53239
- Maier, B.P.K.** *see* Mampe, W. 8-82566
- Maier, E.J.** *see* Foster, J.C. 8-57391
- Maier, E.J.** *see* Kayser, S.E. 8-88995
- Maier, E.J.R.** *see* Aikin, A.C. 8-85732
- Maier, G.** *see* Kovalenko, N.P. 8-91299
- Maier, H.,** Daniel, D.R. SnSe single crystals: Sublimation growth, deviation from stoichiometry and electrical properties 8-76594
- Maier, H.J.** *see* Bartsch, H. 8-93961
- Maier, H.J.** *see* Goeblach, U. 8-78429
- Maier, H.J.** *see* Maier, R. 8-90008
- Maier, J.P.,** Marthaler, O. Emission spectra of the radical cations of 1,3-dichlorobenzene, 1,4-dichlorobenzene and 1,3,5-trichlorobenzene in the gas phase 8-86905
- Maier, J.P.** *see* Bieri, G. 8-50578
- Maier, J.P.** *see* Domcke, W. 8-82619
- Maier, M.** *see* Alexander, A.J. 8-58676
- Maier, P.,** Seibt, E. Low-temperature deuteron irradiation of differently reacted Nb₃Sn superconductors 8-52182
- Maier, R.,** Korschinek, G., Spolaore, P., Kutscher, W., Maier, H.J., Goldstein, W. On the production of a ¹⁴C beam for tandem accelerators 8-90008
- Maier, R.E.** *see* Dennison, E.E. 8-87194
- Maier, W.B.,** Stewart, B. Electron transfer in collisions of double charged atomic ions with rare-gas atoms for primary-ion energies below 100 eV 8-66654
- Maier, W.B., II,** Freund, S.M., Holland, R.F., Beattie, W.H. Photolytic separation of D from H in cryogenic solutions of formaldehyde 8-95937
- Maier, W.B., II** *see* Person, W.B. 8-78689
- Maihara, T.,** Oda, N., Sugiyama, T., Okuda, H. 2.4-micron observation of the Galaxy and the galactic structure 8-81689
- Maihara, T.** *see* Oda, N. 8-61924
- Maihara, T.** *see* Oishi, M. 8-81591
- Mailander, M.** Determination of absolute transition probabilities and particle densities by saturated fluorescence excitation 8-58871
- Mailier, J.P.G.** *see* Edmonds, D.T. 8-68412
- Maillard, J.** *see* Hansl, T. 8-74244, 8-89698, 8-89860
- Maillard, J.** *see* Holder, M. 8-55103
- Maillard, J.P.** *see* Dana, V. 8-78693
- Main, I.G.** Vibrations and waves in physics 8-54203
- Main, P.,** Hull, S.E. The recognition of molecular fragments in E maps and electron density maps 8-55772
- Main, P.C.** *see* Bagley, M. 8-91501
- Maines, R.G.** *see* Jayaraman, A. 8-95317
- Mainfray, G.** Laser temporal coherence effects and very high laser intensity effects in multiphoton ionisation of atoms 8-66524
- Mainfray, G.** *see* Lompre, L.A. 8-58630, 8-80452
- Mainguy, A.-M.** *see* Beaussier, J. 8-61698
- Mainguy, A.-M.** *see* Bouttes, J. 8-81530
- Mainland, G.B.** *see* Hagiwara, R. 8-70329
- Mainprice, D.H.** *see* Rutter, E.H. 8-96309
- Mains, G.J.** *see* Bock, C.W. 8-82636
- Maintzer, N.** *see* Just, M. 8-51861
- Mainwood, A.** Calculation of linewidths of the GR2-8 transitions in diamond in a model where the energy levels are within the valence band 8-60488
- Mainwood, A.** Relaxation about the vacancy in diamond 8-71722
- Mainwood, A.,** Stoneham, A.M. The theory of the entropy and enthalpy of solution of chemical impurities. I. General method 8-51691
- Mainwood, A.,** Stoneham, A.M. The theory of the entropy and enthalpy of solution of chemical impurities. II. Non-metals in liquid alkali metals 8-51692
- Maierov, V.A.** Development of a stable two-phase porous cooling system 8-59477
- Maierova, A.E.** *see* Finkel'shtein, E.I. 8-71220
- Maioreskii, E.V.** *see* Troyanovskii, B.N. 8-87360
- Mair, G.** *see* Reichelt, K. 8-60038
- Mair, G.** *see* Schienbein, K. 8-84107
- Mair, G.L.R.** A comment on the shape of the current sheet in a coaxial accelerator 8-83621
- Mair, G.L.R.** *see* Tsagas, N.F. 8-59689
- Mair, S.L.** The electron distribution of the hydroxide ion in lithium hydroxide 8-75973
- Mair, S.L.** Electron distribution and charge transfer in the ammonium ion 8-91291
- Maire, J.C.** *see* Boyer, D. 8-75885
- Mairesse, G.,** Barbier, P., Wignacourt, J.-P. Potassium tetrachloroaluminate 8-51487
- Mairesse, G.,** Barbier, P., Wignacourt, J.-P., Rubbens, A., Wallart, F. X-ray, Raman, infrared, and nuclear magnetic resonance studies of the crystal structure of ammonium tetrachloroaluminate, NH₄AlCl₄ 8-63720
- Mairesse, G.,** Drache, M. The crystal structure of potassium tetrachlorosulfatoborate, K[B(SO₃Cl)₄] 8-63701
- Mairle, G.,** Wagner, G.J., Doll, P., Knopfle, K.T., Breuer, H. The particle-hole spectra of ¹⁶O and ¹⁶N as observed in pick-up reactions from ¹⁷O 8-58288
- Mairle, G.** *see* Riedesel, H. 8-78238
- Maisano, G.,** Migliardo, P., Wanderlingh, F., Fontana, M.P. Viscosity measurements and structural properties in aqueous NiCl₂ solutions 8-75863
- Maisano, G.** *see* Fontaine, A. 8-79520
- Maisano, G.** *see* Fontana, M.P. 8-84563
- Maisey, M.N.** *see* Bingham, J.B. 8-77102
- Maishchik, E.P.** *see* Strukov, B.A. 8-95559
- Maisin, J.R.,** Gerber, G.B., Lambiet-Collier, M., Mattelin, G. Repair and biochemical protection in life shortening of mice exposed to fractionated X-irradiation 8-69153
- Maisnar, J.** *see* Spruil, B. 8-68827
- Maisnar, J.** *see* Trojanova, Z. 8-60675
- Maison, D.** Are the stationary, axially symmetric Einstein equations completely integrable? 8-77780
- Maison, J.M.** *see* Schapira, J.P. 8-70505
- Maistre, J.C.** *see* De Maistre, J.C.
- Maistrenko, A.N.** *see* Bulavin, L.A. 8-79758
- Maistruk, A.A.** *see* Pavlovskii, M.A. 8-89473
- Mait, S.R.** Time-varying gravitation in Newtonian theory 8-93592
- Maiti, C.R.,** Ghosh, P.N. Layer dynamics of high-symmetry crystals with atom-atom interactions 8-71799
- Maiti, M.** On the extension of a crack due to non-uniform internal pressure 8-51124
- Maiti, N.C.** Transient disturbance produced in an elastic half-space by impulsive shearing traction distributed over a circular region 8-57786
- Maitland, G.C.,** Wakeham, W.A. Direct determination of intermolecular potentials from gaseous transport coefficients alone. I. The method 8-62870
- Maitland, G.C.,** Wakeham, W.A. Direct determination of intermolecular potentials from gaseous transport coefficients alone. II. Application to unlike monatomic interactions 8-62871
- Maitland, G.C.,** Wakeham, W.A., Mason, E.A., Viehland, L.A. A justification of methods for the inversion of gas transport coefficients 8-91051
- Maitre, H.,** Fleuret, J. Identification of image degradations 8-58941
- Maitre, H.** *see* Fleuret, J. 8-58942
- Maitre, R.W.** *see* Le Maitre, R.W.
- Maitzen, H.M.,** Weiss, W.W., Jenken, H., Kluge, J. Area scanner and conventional photometry of the visual binary Ap-system HD 11502/3 (γ Arietis) 8-89590
- Maitzen, H.M.** *see* Renson, P. 8-57559
- Maix, R.K.** *see* Koch, A.A. 8-89506
- Maix, R.K.** *see* Rauch, J.C. 8-54877
- Maizel', G.M.** *see* Gor'yachev, V.A. 8-80485
- Maizenberg, M.I.,** Veremeenko, S.V. Ultrasonic units for automated inspection of tubing 8-56865
- Maj, S.,** Osborn, C.J. The effect of striking velocity on perforation energy for mild steel plates 8-68818
- Majadah, A.M.** *see* Muldoon, D.G. 8-69507
- Majer, J.** *see* Janca, J. 8-80479

- Majerfeld, A.**, Bhattacharya, P.K. New technique for identification of deep-level trap emission to indirect conduction minima in GaAs 8-84163
- Majerotto, W.** see Fidencaro, G. 8-66157
- Majerotto, W.** see Gerhold, H.R. 8-58204
- Majewski, A.** Computations of the charge distribution on conducting bodies 8-78850
- Majewski, R.E.**, Edelstein, A.S., Aldred, A.T., Dwight, A.E. Susceptibility measurements on the valence fluctuation system (Yb, Sc)Al₃ 8-68149
- Majka, Z.** N- α and N- β Li microscopic potentials 8-62516
- Majka, Z.**, Budzanowski, A., Grotowski, K., Strzalkowski, A. Antisymmetrization effects and the form factor of the real part of the α -nucleus potential 8-82366
- Majkowski, R.F.**, Blint, R.J., Hill, J.C. Infrared absorption coefficients of gaseous H₂SO₄ and SO₃ 8-56922
- Majling, L.** see Sakaev, R.A. 8-89910
- Majlis, N.**, Anda, E. Theory of impurity bands in heavily doped semiconductors with overlapping electronic orbitals 8-56102
- Majlis, N.** see Osorio, R. 8-76018
- Major, F.G.** see Schermann, J.P. 8-71517
- Major, J.V.** see Emms, M.J. 8-89734
- Major, J.V.** see Nowak, R.J. 8-78213
- Major, R.W.**, Elledge, K.L. Laser induced modulation of optical absorption in ZnSe 8-88324
- Major, S.J.**, Williams, A. The solution of a steady conduction heat transfer problem using an electrolytic tank analogue 8-83207
- Majtenyi, C.G.** see Carr, T.W. 8-86379
- Majumdar, A.K.** see Gamo, H. 8-85697
- Majumdar, D.**, Botts, T., Hsieh, S.Y., Powell, J.R. A generic PSAR for the TF coil system of Tokamak fusion reactors 8-58407
- Majumdar, D.**, Hsieh, S.Y., Powell, J.R. A generic study of protective control features for superconducting Tokamak TF coil system 8-62625
- Majumdar, M.** On forced oscillations in a rotating stratified liquid 8-63478
- Majumdar, N.C.**, Garg, O.P., Aggarwal, B.K. Water vapour content of the atmosphere in relation to surface humidity 8-81273
- Majumdar, S.**, Misra, B. Thermal-hydraulics and fatigue-life modeling of lithium-cooled first wall/blanket system 8-58453
- Majumdar, S.R.** see Ghosh, M.K. 8-78284
- Majumder, A.R.** see Roy, J.N. 8-86478
- Majumder, K.S.** see Strausser, Y.E. 8-72007
- Mak, H.B.** see McDonald, A.B. 8-89871
- Mak, H.-B.**, Evans, H.C., Ewan, G.T., MacArthur, J.D. The ¹⁸O(p, α)¹⁵N cross section at low energies 8-82341
- Mak, M.** On the observed momentum flux by standing eddies 8-81314
- Mak, T.C.W.** see Yiu-Shing Lam 8-67702
- Makabe, T.**, Ogawa, Y., Goto, T., Mori, T. Experimental electron energy distribution functions in Townsend discharges in xenon 8-67549
- Makarchenko, V.G.** see Virgil'ev, Yu.S. 8-88605
- Makarchuk, V.N.** see Dudko, D.Ya. 8-55752
- Makarchuk, V.N.** see Korchevoj, Yu.P. 8-59712
- Makarenko, I.N.**, Nikolaenko, A.M., Stishov, S.M. Thermodynamics of melting of alkali metals 8-71840
- Makarenko, I.N.** see Nikolaenko, A.M. 8-91426
- Makarenko, V.G.** see Rudenko, V.P. 8-95859
- Makarenkov, A.G.**, Firsov, V.A., Bogatyir, G.P. Some limiting plastic properties of materials 8-88504
- Makarevicius, V.I.** Dimensionless equations for heat transfer in laminar flow with variable physical properties 8-83384
- Makarewicz, M.**, Pszona, S. Theoretical characteristics of a graphite ionization chamber filled with carbon dioxide 8-82583
- Makariou, S.H.**, Motrenko, E. Harmonic analysis of eleven year data of total ozone amount at Belsk, Poland 8-92883
- Makarov, A.A.** see Letokhov, V.S. 8-55212
- Makarov, A.M.**, Romanovskii, V.R. Solving stationary thermal conductivity problems in multiple-layer spherical regions under conditions of nonideal thermal contact and variable boundary conditions 8-51037
- Makarov, A.S.**, Filippov, V.L. Some investigations of the attenuation coefficients of emission ($\lambda=8$ to $12\ \mu$) in the natural atmosphere 8-61556
- Makarov, A.S.** see Filippov, V.L. 8-65384
- Makarov, E.F.** see Povitskii, V.A. 8-72356
- Makarov, G.N.** see Ambartsumyan, R.V. 8-90248
- Makarov, G.N.** see Ambartsumian, R.V. 8-50606, 8-82798, 8-86925, 8-90245
- Makarov, L.V.** see Il'yushonok, A.S. 8-85420
- Makarov, M.M.** see Kravtsov, A.V. 8-50046
- Makarov, N.** see Losev, S.A. 8-82947
- Makarov, P.V.** see Zaichenko, V.M. 8-91455
- Makarov, R.N.** see Potapkin, V.I. 8-88928
- Makarov, V.A.** see Mishchenko, E.D. 8-77998
- Makarov, V.I.** Special features of energy 'gap' of superconductors 8-64164
- Makarov, V.N.** see Aristov, A.V. 8-82964
- Makarov, V.V.** see Artem'ev, V.P. 8-87732
- Makarov, V.V.** see Shtin, A.P. 8-67653
- Makarov, Yu.K.** see Polyakov, N.I. 8-89563
- Makarova, G.A.** see Borishanskiy, V.M. 8-75041
- Makarova, N.N.** see Andrianov, K.A. 8-76891
- Makarova, O.B.** see Vaivod, P.A. 8-68466
- Makarova, V.S.** see Shela, E.F. 8-72585
- Makarovskii, N.A.** see Geguzin, Ya.E. 8-51829, 8-51830
- Makarushkin, V.I.** see Ulybin, S.A. 8-95171
- Makaya, G.** Dielectric γ losses in polysulphone and polyethersulphone 8-68449
- Makaya, G.** An aspect of the low temperature dielectric behaviour of Saran and the nature of molecular relaxation 8-95543
- Makdisi, Y.**, Marshak, M.L., Peterson, E.A., Ruddick, K., Klem, R., Miller, R.J., Roberts, J.B., Price, L.E. Search for direct electron production in p-p and p-Be collisions at 12 GeV/c 8-78221
- Makdisi, Y.I.** see Price, L.E. 8-78209
- Makedonskaya, L.N.** see Roizen, L.I. 8-59272
- Makeev, V.V.** see Baranov, D.S. 8-62390
- Makeeva, A.I.** see Kochetkova, G.V. 8-85068
- Makenas, B.J.** On the oxidation of niobium in 'pure' hydrogen atmospheres 8-76790
- Makepeace, R.W.** see Davies, J.T. 8-83442
- Maker, P.D.** see Niki, H. 8-53194, 8-85136
- Makeyev, A.A.** see Kader, B.A. 8-94716
- Makhaldiani, N.V.** see Katyshev, Yu.V. 8-70013
- Makhankov, V.G.** see Katyshev, Yu.V. 8-70013
- Makhija, L.J.**, Dawar, A.L. Dielectric relaxation studies of substituted naphthalenes in pure liquids 8-64318
- Makhija, I.J.**, Dawar, A.L., Agarwal, R. Electrical and optical properties of germanium-aluminum films 8-52112
- Makhija, R.** see Westland, A.D. 8-80777
- Makhnach, L.V.** see Tolochko, S.P. 8-60637
- Makhnenko, L.A.** see Batgin, Yu.V. 8-70654
- Makhon'ko, K.P.**, Avramenko, A.S. Surface β -activity of soil and vegetation caused by nuclear-explosion products and its dependence on the vertical migration of isotopes 8-86700
- Makhotkin, V.E.**, Vinogradova, G.I., Veselago, V.G. Photoinduced binding of domain walls in the magnetic semiconductor CdCr₂Se₄ 8-80174
- Makhovko, Yu.E.**, Kovalenko, A.N. Dissipative heating of a medium during rotation of a disk in a bounded space 8-67012
- Makhrov, V.V.** Analysis of heat-conduction data for alkali-metal vapor, taking into account the temperature discontinuity for a chemically reacting gas 8-94887
- Makhutov, N.** see Serensen, S. 8-60838
- Makhviladze, G.M.**, Mysheikov, V.I. Thermal mechanism of the increase in the normal rate of propagation of a flame in a precombustion electric field 8-53207
- Makhviladze, G.M.** see Kidin, N.I. 8-56896
- Makhviladze, G.M.** see Mysheikov, V.I. 8-59698
- Makhviladze, T.M.**, Sinitsyn, I.G., Shelepin, L.A. Self-induced transparency in a three-level equidistant degenerate system 8-50863
- Maki, A.H.**, Svejda, P., Huber, J.R. Optically detected magnetic resonance study of the lowest excited triplet state of aromatic thioketones: xanthione 8-86901
- Maki, H.**, Niu, K. High absorption of laser light in target plasma with plateau-ramp type density profile 8-75348
- Maki, H.** see Kawai, K. 8-53449
- Maki, H.** see Uchida, S. 8-78450
- Maki, K.** Planar textures in superfluid ³He-A 8-79837
- Maki, K.**, Kumar, P. Composite solitons and magnetic resonances in superfluid ³He-A. II 8-51779
- Maki, K.**, Lin-Liu, Y.R. Bound spin-wave states associated with n solitons in superfluid ³He- β 8-67884
- Maki, K.** see Ami, S. 8-80097
- Maki, K.** see Vollhardt, D. 8-56009
- Maki, M.** see Kishino, S. 8-72901
- Maki, M.** see Kuroda, E. 8-76598
- Maki, V.E.** see Reeves, C.R. 8-66971
- Maki, Z.**, Umemura, I. Masses and decay constants of charmed mesons 8-66087
- Makienko, A.V.** see Zaleskii, V.V. 8-76815, 8-95894
- Makimoto, T.** see Hayashi, M. 8-55647
- Makimoto, T.** see Shirasaki, H. 8-51811, 8-51812
- Makinen, M.W.**, Churg, A.K., Glick, H.A. Fe-O₂ bonding and oxyheme structure in myoglobin 8-96006
- Makinen, M.W.** see Ohtsuki, M. 8-76989
- Makino, A.** see Kuroda, Y. 8-54859
- Makino, F.** see Hayakawa, S. 8-86756
- Makino, H.** see Nohmi, T. 8-79372
- Makino, K.**, Nakagawa, T., Kobayashi, K., Shinohara, M. Spherulitic growth of Fe₃O₄ film and its properties 8-68627
- Makino, K.** see Michiyoshi, I. 8-59269
- Makino, T.**, Kunitomo, T. Dispersions of optical constants and emissivities of iron and steel in the temperature range up to the Curie point 8-52464
- Makino, T.**, Yamamoto, H., Sekiguchi, H. Numerical evaluation of Dawson function 8-58623
- Makino, T.**, Yamamoto, H., Sekiguchi, H. Intensity of the A-band in the lower atmosphere 8-61486
- Makino, Y.**, Maruo, T. Magneto-resistance element for detecting of periodical magnetic signals 8-57997
- Makino, Y.**, Okamoto, T. Magnetoresistance effect of Ni-Co alloy films 8-68017
- Makinos, I.** see Michiyoshi, I. 8-59269
- Makio, Y.** see Yoshino, K. 8-68104
- Makios, V.** see Vant, M.R. 8-61430
- Makishima, A.**, Tamura, Y., Sakano, T. Elastic moduli and refractive indices of aluminosilicate glasses containing Y₂O₃, La₂O₃, and TiO₂ 8-80502
- Makita, H.**, Kuriki, K. Determination of ion temperature by two-probe method 8-55749
- Makita, H.**, Kuriki, K. Current collection by spherical Langmuir probes drifting in a collisionless plasma 8-83616
- Makita, Y.**, Fujiwara, K. Effects on precision of a reverberant absorption coefficient of a plane absorber due to anisotropy of sound energy flow in a reverberation room 8-55482
- Makita, Y.** see Fujiwara, K. 8-55519, 8-79168, 8-83145
- Makita, Y.** see Gonda, S. 8-64481
- Makkaev, A.M.** see Gorunov, V.I. 8-58075
- Makkink, H.K.** see Regtien, P.P.L. 8-81421
- Makky, W.H.**, Ibrahim, M.M. Analytical strong-signal analysis for two-mode operation of homogeneously broadened lasers 8-55331
- Maklakov, A.I.** see Skirda, V.D. 8-92294
- Makler, S.** see Marshall, G. 8-77375
- Makletsov, A.N.** see Glagovskii, A.A. 8-72210
- Maklyayev, E.F.** see Bondarenko, V.G. 8-82572
- Mako, F.** see Bar-Avraham, E. 8-87489
- Mako, F.** see Fisher, A. 8-74011
- Mako, F.** see Tajima, T. 8-82900
- Makogon, B.P.** see Vavrukh, A.T. 8-49799
- Makogon, Yu.F.** see Cherskii, N.V. 8-63844
- Makogon, Yu.N.**, Nikolin, B.I., Sokolov, O.G. Influence of silicon and manganese on phase composition of G20-type alloys in multiple $\gamma\rightleftharpoons\epsilon$ transitions 8-95743
- Makomaski, A.H.**, Pietrzyk, Z.A. Numerical simulation of the laser solenoid experiment 8-75394
- Makosch, G.** see Jaerisch, W. 8-63207
- Makov, V.V.** see Grebennikov, V.V. 8-60950, 8-60961
- Makovetskaya, A.P.** see Gorban', I.S. 8-72490
- Makovetskii, D.N.** see Ganapol'skii, E.M. 8-91390
- Makovetskii, G.I.**, Shakhlevich, G.M. Magnetic properties of the CrS_{1-x}Se_x system 8-64199
- Makovetskii, G.I.** see Bulat, I.A. 8-55917
- Makovetskii, I.V.** see Lebedev, A.A. 8-80612
- Makovkin, A.V.** see Bykovskii, Yu.A. 8-50948
- Makowiecki, D.M.** see Khan, J.M. 8-91567
- Makowitz, H.** see Fillo, J.A. 8-54899
- Makowitz, H.** see Powell, J.R. 8-74479
- Makowsky, E.**, Spytkowski, W., Wolski, R. Investigation of Ar¹⁺ laser spectrum 8-78993
- Makowski, L.** Processing X-ray diffraction data from partially oriented specimens 8-75497
- Makowitz, H.** see Fillo, J.A. 8-58460
- Makram, H.** see Fadly, M. 8-95577
- Makrenko, S.N.** see Bugrim, E.D. 8-70869
- Makrin, R.** see Apostolesku, S. 8-86562
- Makris, J.** Some geophysical considerations on the geodynamic situation in Greece 8-69307
- Makris, J.** The crust and upper mantle of the Aegean region from deep seismic soundings 8-69308
- Makritskii, Yu.V.** Generator of current pulses 8-59014
- Makritskii, Yu.V.** see Gribkovskii, V.P. 8-90416
- Maksic, Z.B.**, Mikac, N. Diamagnetic susceptibility of molecules I. The effect of interatomic charge transfer in alkali halides 8-50660
- Maksic, Z.B.**, Mikac, N. Diamagnetic susceptibility of molecules. The effect of interatomic charge transfer in diatomics 8-70961
- Maksimchuk, A.A.** see D'yakov, V.P. 8-86253
- Maksimenko, E.A.** see Larikov, L.N. 8-84007
- Maksimenko, V.M.** see Bugai, A.A. 8-72402
- Maksimenko, V.V.** see Lushnikov, A.A. 8-88311
- Maksimochkin, V.I.** see Valeyev, K.A. 8-73361
- Maksimov, A.A.** see Broude, V.L. 8-52504

- Maksimov, A.I.**, Polak, L.S., Sergienko, A.F., Sovetskii, D.I. The mechanism of ionization and excitation of carbon oxide molecules in a glow discharge 8-59695
- Maksimov, A.I.**, Sergienko, A.F., Slovetskii, D.I. Measurement of gas temperature in a glow discharge by the thermocouple method 8-59694
- Maksimov, A.I.** see Polukarova, Z.M. 8-56736
- Maksimov, B.A.** see Sokolov, Yu.A. 8-83805
- Maksimov, D.E.**, Rudnevskii, N.K., Ryabchikova, V.P., Chekhonin, S.M., Shlyapnikov, I.V., Shklyaeva, I.S. LMA-1 laser microanalyser applied to welds in alloy steels 8-61110
- Maksimov, E.G.**, Mazin, I.I. On microscopical derivation of Lorentz-Lorenz formula 8-92014
- Maksimov, E.G.** see Dolgov, O.V. 8-76012
- Maksimov, E.I.** Laws governing processes in tubular reactor taking into account longitudinal transfer and heat losses through sides 8-73043
- Maksimov, G.A.** see Kovalev, I.D. 8-64902
- Maksimov, I.P.** see Asratyan, A.E. 8-62389
- Maksimov, L.A.**, Atoyan, A.M. Theory of the magnetism of rare-earth metals 8-60262
- Maksimov, L.A.** see Atoyan, A.M. 8-72141
- Maksimov, L.A.** see Borman, V.D. 8-75246
- Maksimov, L.N.**, Cherepanov, A.N. Analytical investigation of the solidification process of a liquid metal in continuous casting units 8-84789
- Maksimov, L.S.**, Mikhnev, R.A., Shtandel', S.K. Vibration insulation of equipment for testing the performance of optical systems 8-90543
- Maksimov, L.V.** see Alekseeva, I.P. 8-87620
- Maksimov, L.V.** see Dvorkin, V.K. 8-87625
- Maksimov, L.Yu.** see Krupin, A.V. 8-52717
- Maksimov, M.** see Armanov, S. 8-95471
- Maksimov, M.Z.** see Zhvaniya, I.A. 8-67004
- Maksimov, N.N.** see Kharitonov, Yu.N. 8-92038
- Maksimov, O.P.** see Gorelik, V.S. 8-95586
- Maksimov, R.D.** see Efimov, V.N. 8-64600
- Maksimov, V.F.** see Vas'kova, V.I. 8-84042
- Maksimov, V.I.**, Chetkarev, V.A. Thermophotoluminescence of distribution of high levels of SHF power fluxes in liquid crystals 8-58031
- Maksimov, V.M.** On the existence of the Heisenberg equations on the C^* algebra of quasilocal observables of Bose and Fermi systems with a finite-range potential 8-57854
- Maksimov, V.N.** Apparatus for examining effects of strain of acoustic characteristics of metals 8-60898
- Maksimov, V.N.** see Godyak, V.A. 8-51283
- Maksimov, V.P.** see Ivanov, P.D. 8-93193
- Maksimov, Yu.M.**, Mednis, P.M. The validation of the Gibbs method in classical statistical mechanics 8-73918
- Maksimova, A.M.** see Gedeonov, L.I. 8-86699
- Maksimova, E.S.** see Prokuntsev, A.F. 8-76820
- Maksimova, G.M.** see Demikhovskii, V.Ya. 8-60168
- Maksimova, N.A.** see Krupin, A.V. 8-52717
- Maksimova, N.K.** see Vyatkin, A.P. 8-84296
- Maksimova, T.I.**, Reshetnyak, N.B. Temperature dependence of the shift and broadening of high-frequency local vibration bands of alkali halide crystals 8-87755
- Maksimovic, Z.** see Bulovic, V. 8-50265, 8-54848
- Maksimovich, G.G.**, Lyutiy, E.M., Fedorenko, V.K., Filipovskii, A.V. Strength of nichrome reinforced with coated molybdenum filament 8-56710
- Maksimovich, G.G.** see Kissil', A.E. 8-56692
- Maksimovskii, S.N.** see Britov, A.D. 8-50777
- Maksimuk, P.A.** see Burbelo, M.R.M. 8-87666
- Maksin, P.L.**, Petukhov, B.S., Polyakov, A.F. Calculation of turbulent [eddy] heat transfer in stabilized pipe flow 8-83474
- Maksin, P.L.**, Petukhov, B.S., Polyakov, A.F. Calculation of turbulent momentum and heat transfer in pipe flow of a gas with variable physical properties 8-90869
- Maksymowicz, L.J.** Spin wave resonance in multilayer thin films 8-76316
- Maktaz, I.P.**, Gordon, V.I., Chikirdin, E.G., Novikov, V.Ya. Formation of the roentgenographic image 8-57058
- Makuchowski, E.** see Russ, J. 8-78202
- Makuchowski, E.J.** see Roberts, T.J. 8-82392
- Makurin, V.A.** Fatigue resistances of steels strengthened with nitrides and of welded joints in them 8-95790
- Makushev, S.Yu.** see Vintaikin, E.Z. 8-60705
- Makushkin, A.P.** Determining creep of polymer coatings by a method of impressing a rigid sphere 8-85084
- Makushkin, Yu.S.** see Voitsekhovskaya, O.K. 8-69484
- Mal, A.K.** see Chatterjee, A.K. 8-59302
- Malag, A.** Periodic structures and their application in semiconductor optoelectronic devices 8-50947
- Malaise, E.P.** see Guichard, M. 8-65079
- Malakhov, A.I.** see Astvatsaturov, R.G. 8-78569
- Malakhov, V.Ya.** see Tyagai, V.A. 8-72625
- Malakhov, Yu.I.** see Volkov, N.G. 8-82561
- Malakhova, N.N.** see Panteleev, N.A. 8-81195
- Malakhovskii, A.V.** see Vasil'ev, G.G. 8-91442
- Malakian, Yu.P.** Two-gluon mechanism of the decays $\psi, \psi' \rightarrow J/\psi, \Upsilon + \eta$: A test of dynamics 8-89665
- Malakondaiah, G.**, Rama Rao, P. Influence of prior treatment on high strain fatigue life of aluminium alloy RR58 8-60835
- Malakyan, Yu.P.** Right-handed currents and weak two-photon decays 8-66119
- Malamud, E.** see Gross, D. 8-70410
- Malan, J.J.** Orthomapping: the first decade 8-88777
- Malanchenko, L.L.** see Yamnikov, V.S. 8-82478
- Malanif, J.J.** see Close, D.A. 8-70440
- Malanotte Rizzoli, P.**, Gazzillo, D. On the influence of the vertical density structure on the dynamics of small basins, with specific application to the Adriatic Sea 8-53654
- Malanova, G.P.** see Kobzar', V.M. 8-85531
- Malarev, V.A.** Search and guide system of large azimuthal telescope (LAT) 8-57446
- Malarkey, C.J.**, Hunter, O., Jr. Microcracking of Eu_2O_3 - Ta_2O_5 bodies 8-92326
- Malarkey, E.** see Borsuk, G.M. 8-77983
- Malarski, Z.** see Grech, E. 8-62805
- Malashchenko, V.A.** see Kamrukov, A.S. 8-67440
- Malashchenko, V.A.** see Kozlov, N.P. 8-74073
- Malashenko, I.S.** see Trefilov, V.I. 8-68788
- Malashenko, L.M.** see Topfenets, R.L. 8-60677
- Malashenko, V.P.**, Gorban', V.P., Sevryuk, E.B. Equipment for liquid quenching of glass 8-84854
- Malashenkov, S.P.** see Borodachev, N.M. 8-83873
- Malashkin, I.I.** see Styrikovich, M.A. 8-55678
- Malashko, T.M.** see Olodovskii, P.P. 8-67264
- Malaspinas, A.** see Droz, M. 8-72353
- Malaviya, B.K.**, Ryan, R.M. Integration of nuclear reactor safety in instructional programs at RPI 8-58375
- Malberg, H.**, Frattesi, G., Roder, W. A simple method for an objective, local forecast of gusts 8-85727
- Malbouissou, A.P.C.** see Bergere, M.C. 8-93790
- Malbrouck, R.** Effects of secondary interferograms on the spectra obtained in Fourier spectroscopy 8-82043
- Malbrouck, R.** Subtractive dispersion monochromator specially conceived for Fourier transform spectroscopy 8-83079
- Malbrough, D.J.**, Darden, C.W., Edge, R.D., Marks, T., Freedman, B.M., Burman, R.L., Moister, M.A., Redwine, R.P., Bertrand, F.E., Cleary, T.P., Gross, E.E., Ludemann, C.A., Gotow, K. Elastic scattering of positive pions on ^{16}O at 40.0 and 49.7 MeV 8-70570
- Malbrough, D.J.** see Burman, R.L. 8-70573
- Malbrunot, P.F.** see Julia, Y.H. 8-54362
- Malcolm, A.D.**, Stoate, M.W., Houston, B.D., Williams, B.T., Webb-Peploe, M.M. Comprehensive computer-aided cardiocirculatory monitoring after open-heart surgery and application in measurement of the effects of adrenaline 8-81059
- Malcolme-Lawes, D.J.** High energy reaction between tritium atoms and molecular oxygen 8-68907
- Malcuit, R.J.** see Winters, R.R. 8-81570
- Maldague, P.F.** Many-body corrections to the polarizability of the two-dimensional electron gas 8-60071
- Maldague, P.F.** Effect of exchange on charge density waves in layered compounds 8-60078
- Maldague, P.F.**, Tsang, J.C. Effect of incipient charge density waves on second-order Raman spectroscopy 8-80357
- Maldutis, E.K.**, Reksnis, Yu.M., Sakalauskas, S.V. Kinetics of the temperature field induced by the emission of a laser with time-varying intensity 8-59098
- Malecki, J.** see Hoffmann, J. 8-52463
- Maleev, S.V.** see Lazuta, A.V. 8-88133
- Malejannakis, G.** see Argyris, J.H. 8-89310
- Malek-Mansour, M.** see Turner, J.W. 8-95911
- Malekzadeh, M.**, Pickus, M.R. The effect of magnetically aligned powder on the magnetotriboelectric effect of sintered rare earth-iron Laves phase compounds 8-76284
- Malenkov, A.G.** see Melikyan, A.G. 8-53351
- Malenkov, G.G.** see Gagua, A.V. 8-74799
- Malenkov, I.G.** see Kutateladze, S.S. 8-90637
- Malerba, F.E.** see Resnik, J.A. 8-92763
- Malet, G.** see Marignan, J. 8-91227
- Malev, M.D.** see Avdienko, A.A. 8-67464
- Malev, V.V.** Galvano-static regime of the non-steady process in bilayer membranes 8-64963
- Malev, V.V.**, Ait'yan, S.Kh., Markin, V.S., Tatumyan, S.A. Comparison of discrete models of charge transfer in thin membranes. III. Non-steady state, high polarising voltages 8-69023
- Malevich, V.I.** see Chukin, G.D. 8-88297
- Malewski, H.** see Jaeschke, W. 8-73473
- Malezhik, M.P.** see Pelekh, B.L. 8-68745, 8-68857
- Malfait, G.** see Miljak, M. 8-84201
- Malgeri, E.** see Bertinotto, F. 8-87072
- Mal'goshcheva, I.N.** see Umrikhina, A.V. 8-76994
- Mal'gun, M.M.**, Sobolev, M.D. Determining thermal inertia characteristic of a microthermocouple 8-73993
- Malherbe, J.C.** see Plouin, F. 8-74364
- Malherbe, R.de** see de Malherbe, R.C.
- Malhotra, G.L.**, Sharma, S.K., Choudhuri, S., Pal, A.K. Nucleation, growth and microstructure of vapour deposited tin film on NaCl single crystal substrate 8-91561
- Malhotra, L.** see Brown, P.B. 8-77124
- Malhotra, L.K.** see Randhawa, H.S. 8-80212
- Malhotra, P.K.** see Aguilar-Benitez, M. 8-82228
- Malhotra, P.K.** see Cooper, A.M. 8-62465, 8-78205
- Malhotra, P.K.** see Hamatsu, R. 8-66141
- Malhotra, P.K.** see Nacasch, R. 8-54646
- Malhotra, R.C.** see Sharma, R.S. 8-94649
- Malhotra, V.M.**, Bist, H.D. Zero field splitting of Gd^{3+} in $\text{Nd}_2(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$ and $\text{Sm}_2(\text{SO}_4)_3 \cdot 8\text{H}_2\text{O}$ crystals at 273K 8-91949
- Malhotra, V.M.**, Bist, H.D., Upreti, G.C. Host lattice effects in the EPR spectra of Gd^{3+} ion in some hydrated lanthanide sulfates 8-95516
- Malik, A.I.**, Baranyuk, V.B. Wavelength modulator for DFS-13 spectrograph 8-74069
- Malik, D.J.**, Wear, J.H. Accuracy and convergence of higher order distorted wave perturbation theory 8-74731
- Malik, M.R.**, Fletcher, R.H. Computation of annular turbulent flows with heat transfer and property variations 8-94718
- Malik, N.A.** see Beg, S. 8-54497
- Malik, N.H.**, Qureshi, A.H. Breakdown mechanisms in sulphur-hexafluoride 8-59699
- Malik, S.K.** see Wallace, W.E. 8-68210
- Malik, S.R.**, Alworfali, H.M.H. Charge particle dose measurement using infrared spectroscopy 8-94145
- Malikov, G.K.** Numerical method for the solution of problems of nonsteady nonlinear thermal conduction of complex two-dimensional bodies 8-59263
- Malikov, M.M.** see Alikov, B.A. 8-82562
- Malikova, Kh.O.** see Ogryzkov, V.M. 8-89422
- Malikova, Zh.G.**, Semerhan, A.A. Microstresses in diamond composites 8-56679
- Malin, A.S.** see Wakefield, P.T. 8-52844
- Malin, S.** $\text{SL}_{2\mathbb{C}}$ gauge theory of gravitation: Lagrangian approach 8-77777
- Malin, S.R.C.** see Barraclough, D.R. 8-96133
- Malina, A.K.** see Lachin, V.I. 8-86305
- Malingier, M.** see Malingerova, N. 8-68954
- Malingerova, N.**, Malingier, M. Enthalpimetric determinations with sodium hypobromite 8-68954
- Malinov, L.S.**, Korotich, I.K., Firsova, A.G. Phase transformations in low-nickel maraging steels 8-88465
- Malinovskaya, S.A.** see Aleshin, V.I. 8-78567
- Malinovskii, S.T.**, Simonov, Yu.A., Ablov, A.V., Samus, N.M., Malinovskii, T.I. The molecular and crystal structure of the dihydrate of bisdimethylglyoxime (thiosemicarbazide)-cobalt (III) nitrate 8-83803
- Malinovskii, T.I.** see Malinovskii, S.T. 8-83803
- Malinovskii, V.K.** see Anikin, A.A. 8-60483, 8-60490
- Malinovskii, V.K.** see Belinicher, V.I. 8-95570
- Malinovskii, V.K.** see Gudaev, O.A. 8-60236, 8-60237
- Malinovskii, V.K.** see Kanaev, I.F. 8-59094, 8-60151
- Malinovskii, V.K.** see Kostov, E.G. 8-92024
- Malinovskii, Yu.A.**, Pobedimskaya, E.A., Belov, N.V. Crystal structure of tienshanite 8-83800
- Malinowski, J.**, Buroff, A. Photostimulated solid state reactions 8-53222
- Malinowski, J.** see Mednikarov, B. 8-49919, 8-78017
- Malinowski, J.** see Platikanova, V. 8-76108
- Malinowski, M.E.** Isotope effect in the pumping of hydrogen by titanium thin films 8-51819
- Malinowski, M.E.** Clean and contaminated TiD_2 films: Fabrication and Auger spectra 8-52600
- Malins, R.J.**, Tardy, D.C. Experimental and calculated collisional energy transfer efficiencies for unimolecular reactions 8-80714
- Malisan, M.R.** see Abbondanno, U. 8-89869
- Malissa, H., Jr.**, Wichtl, M., Kiesel, W., Salpeter, E.W. The Angra dos Reis iron meteorite 8-77523
- Malits, P.Ya.**, Tishchenko, V.N. Vortex free flow around a spherical segment 8-63411
- Malitskaya, M.A.** see Raevskii, I.P. 8-92029
- Malk, E.G.**, Niesen, J.W., Coleman, P.D., Parsons, D.F. Laser emission in the 83-223 μm region from PH_3 with laser line assignments 8-71084
- Malk, G.** see Leap, J.W. 8-90414

- Malkan, M.** *see* Aaronson, M. 8-89227
- Malkevich, M.S.,** Petrenko, B.Z. On the influence of aerosol attenuation the accuracy of determination of atmospheric and oceanic temperature by remote sounding 8-81430
- Malkiewicz, T.** *see* Czyska-Filemonowicz, A. 8-52806, 8-84808
- Malkin, A.Ya.,** Sabsai, O.Yu., Zhangerreeva, G.Zh., Zabugina, M.P., Vinogradov, G.V. Viscoelasticity of melts of polydisperse polymers 8-67160
- Malkin, B.Z.** *see* Arkhipov, S.M. 8-60357
- Malkin, I.A.** *see* Ivanova, E.V. 8-82937
- Mal'ko, I.I.** *see* Zatsapina, N.N. 8-70162
- Malko, J.A.** *see* Bell, J. 8-54625, 8-93872, 8-93873
- Mal'ko, L.N.** *see* Oleinik, A.S. 8-86393
- Malkov, E.I.** *see* Bukhvostov, A.P. 8-62316
- Mal'kov, M.A.** *see* Devyatov, A.M. 8-67527
- Malkov, P.M.** *see* Elkina, V.D. 8-92233
- Mal'kova, A.A.,** Shul'man, S.G., Ivanov-Omskii, V.I., Smirnov, I.A. Photoconductivity in samarium monophosphate 8-60164
- Malkovich, R.Sh.,** Pokoeva, V.A. Diffusion of cobalt in layers heavily diffusion-doped with phosphorus and boron in silicon 8-59982
- Malkovich, R.Sh.,** Pokoeva, V.A. Diffusion of an ionized impurity in a semi-infinite semiconductor 8-75886
- Malkovich, R.Sh.** *see* Didik, V.A. 8-59984
- Malkovich, R.Sh.** *see* Konorova, L.F. 8-56145
- Mall, J.C.** *see* Genant, H.K. 8-69185
- Mall, S.** *see* Kobayashi, A.S. 8-60740, 8-67111
- Mallama, A.D.** Rotational velocities for semi-detached Algol-type binaries 8-89220
- Mallama, A.D.** *see* Molnar, M.R. 8-93331
- Mallamace, F.** *see* Ballaro, S. 8-56920
- Mallard, W.G.,** Gardiner, W.C., Jr. Absorption of the 3.39 μm He-Ne laser line by methane from 300 to 2400K 8-90166
- Mallard, W.G.** *see* Olson, D.B. 8-86856
- Mallary, M.L.** *see* Baker, R.D. 8-70404
- Mallary, M.L.** *see* Gay, M. 8-70405
- Mallary, M.L.** *see* Oliver, W.P. 8-89857
- Mallet, G.,** Ythier, C. On the study of ^{110}Cd formed in the decay of ^{110m}Ag 8-58248
- Mallet, G.,** Ythier, C. On the method of coincidence-and-sum in γ -ray spectroscopy and its application to the study of ^{110}Cd 8-62675
- Mallet-Paret, J.** Buckling of cylindrical shells with small curvature 8-67066
- Mallete, L.A.,** Phillips, R.L. Modeling solar cells for use as optical detectors: background illumination effects 8-70182
- Mallia, E.A.,** Pagel, B.E.J. Further evidence of mass loss from globular cluster stars 8-93238
- Mallick, M.K.,** Chang, J.C., Das, T.P. Study of variation in properties of ferric porphyrins with fifth ligands-magnetic hyperfine interactions 8-50475
- Mallick, N.,** Talukdar, B. Off-shell K matrix for the Morse function 8-74164
- Mallick, S.** *see* Celaya, L. 8-78921
- Mallik, S.G.V.** *see* Kameswara Rao, N. 8-53942
- Mallik, U.** *see* Etkin, A. 8-89743
- Mallikarjun Rao, S.P.,** Suryanarayana, M. Ultrasonic resonance absorption in liquids 8-95110
- Mallinckrodt, A.J.,** Carlson, C.W. Relations between transverse electric fields and field-aligned currents 8-77397
- Mallinson, P.D.,** De Zafra, R.L. The microwave spectrum of cyanoacetylene in ground and excited vibrational states 8-90157
- Mallion, R.B.,** Rouvray, D.H. Molecular topology and the Aufbau principle 8-74556
- Mallory, M.L.,** Blosser, H.G. A method for localizing small helium leaks in large cryogenic vessels 8-93694
- Mallory, M.L.** *see* Ball, J.B. 8-66306
- Mallove, E.F.,** Forward, R.L., Paprotny, Z. Bibliography of interstellar travel and communication—April 1977 update 8-81564
- Mallow, J.V.** A science anxiety program 8-77637
- Mallow, J.V.,** Desclaux, J.P., Freeman, A.J. Dirac-Fock method for muonic atoms: Transition energies, wave functions, and charge densities 8-74805
- Malloy, T.B., Jr.,** Carreira, L.A. A potential surface for the two low-frequency out-of-plane modes of s-tetrazine 8-62741
- Malloy, T.B., Jr.** *see* Carreira, L.A. 8-82727
- Malloy, T.B., Jr.** *see* Chao, S. 8-66539
- Malm, D.L.,** Vasilie, M.J., Padden, F.J., Dove, D.B., Pantano, C.G., Jr. Depth profiles of sodium and calcium in glasses: A comparison of secondary ion mass analysis and Auger spectrometry 8-51805
- Malm, H.L.** *see* Robertson, B.C. 8-50436
- Malmberg, C.** *see* Brown, J.M. 8-50538
- Malmberg, J.H.** *see* Dimonte, G. 8-71501
- Malmajac, Y.** The proposed French metallurgy programme for Spacelab 8-57423
- Malmajac, Y.** *see* Favier, J.J. 8-88457
- Malmhall, R.,** Backstrom, G., Bhagat, S.M., Rao, K.V. Hall resistivity of a magnetic amorphous alloy—effects of thermal cycling and annealing 8-56125
- Malmhall, R.,** Backstrom, G., Rao, K.V., Bhagat, S.M., Meichle, M., Salamon, M.B. Metglas 2826B—transport, magnetic and thermal properties 8-68019
- Malmin, R.E.,** Fide Kahn, Paul, P. Observation of intermediate structure resonances in the $^{12}\text{C}(^{16}\text{O}, ^{16}\text{O}(0^+, 6.05))$ reaction 8-78410
- Malmn, R.E.,** Harris, J.W., Paul, P. Intermediate structure resonances in the inelastic scattering of ^{12}C on ^{16}O 8-82330
- Malmqvist, L.** Some applications of IP-technique for different geophysical prospecting purposes 8-69473
- Malmstrom, V.H.** A reconstruction of the chronology of Mesoamerican calendrical systems 8-81782
- Malmvig, H.** *see* Firstenberg, S. 8-80805
- Maloch, J.** *see* Maftul, J. 8-63599, 8-75439
- Malogolovets, V.G.,** Gontar', A.G., Vishchnevskii, A.S., Khivrich, V.I. Optical and electrical properties of synthetic diamond single crystals, irradiated by neutrons 8-59841
- Maloletnev, A.Ya.** *see* Pestov, I.V. 8-88525
- Malomed, B.A.,** Shneerson, V.L. Density of states of a critical polaron 8-60065
- Malone, J.F.** *see* O'Connor, M.K. 8-61245, 8-73250
- Malone, M.F.** Thyroid irradiation and the new ICRP dose limits 8-65135
- Malone, M.M.,** Lo, S.-Y. Quark fragmentation model 8-89658
- Maloney, D.P.** Group problem-solving sessions in PSI physics courses 8-61954
- Maloney, P.J.** *see* Smith, P.W. 8-75001
- Malov, A.D.** *see* V'yurkov, V.V. 8-91708
- Malov, A.F.,** Trubachev, G.M. Uncoupled mass-spectrometer system 8-70218
- Malov, A.N.,** Morozov, V.N., Kompanets, I.N., Popov, Yu.M. Formation of an image in a coherent synthesized-aperture system 8-50715
- Malov, L.A.** *see* Kyrchev, G. 8-86519
- Malov, V.V.** *see* Iogansen, L.V. 8-87144
- Malov, Yu.A.** *see* Lomonosov, V.V. 8-84337
- Malov, Yu.L.,** Korol'kov, V.A., Markov, A.A. Electron work functions of binary alloys of the copper-antimony, copper-indium, and copper-cadmium systems 8-80041
- Malov, Yu.L.,** Martinson, L.K. Application of infinite systems to the solution of boundary-value problems of steady thermal conduction in nonuniform media 8-63266
- Malozemoff, A.P.,** De Luca, J.C. Elliptical distortion mechanism for ballistic overshoot of bubbles 8-68315
- Malozemoff, A.P.** *see* Chang, P.H. 8-92085
- Malozemoff, A.P.** *see* DeLuca, J.C. 8-91911
- Malozemoff, A.P.** *see* Jamet, J.P. 8-91948
- Malozemoff, A.P.** *see* Mizoguchi, T. 8-64238
- Malozemoff, M.P.** *see* Mizoguchi, T. 8-64240
- Malpas, J.** Magma generation in the upper mantle field evidence from ophiolite suites, and application to the generation of oceanic lithosphere 8-65311
- Malraison, B.** Quenching of orientational fluctuations in a nematic liquid crystal using high magnetic fields: A temperature dependence study 8-87613
- Malrieu, J.P.** *see* Oliveros, E. 8-78836
- Malrieu, J.-P.** *see* Spiegelmann, F. 8-78643
- Mal'shukov, A.G.** *see* Kravtsov, V.E. 8-84280, 8-78880, 8-88061
- Malthby, P.** *see* Albreghsen, F. 8-69773
- Malthby, P.** *see* Bones, J. 8-65593
- Maltese, P.,** Ottavi, C.M. Transversal instabilities and regular arrangements of umbilics in dynamically excited nematic liquid crystal layers 8-94983
- Maltrud, H.R.** *see* Farnum, E.H. 8-50303
- Mal'tsev, A.A.** *see* Belinskaya, G.I. 8-78518
- Mal'tsev, A.P.** *see* Gorskho, B.M. 8-82543
- Mal'tsev, G.A.** *see* Apaev, B.A. 8-52827
- Mal'tsev, I.G.** *see* Gorskho, B.M. 8-82543
- Mal'tsev, L.E.** Solution of operator equations of the second kind with the aid of shifted Chebyshev polynomials 8-62059
- Mal'tsev, L.E.** Method of double application of Chebyshev polynomials 8-81843
- Mal'tsev, L.E.,** Kreknin, A.I. Analytical representation of Π 'yushin kernels 8-67055
- Mal'tsev, M.D.,** Apryatkin, V.K. Simplified aspherizing procedure for the first surface of an optical system 8-63013
- Mal'tsev, M.V.,** Kashnikov, N.I. Investigation of the decomposition of the metastable β -phase during the ageing of the alloy VT16 8-68710
- Mal'tsev, S.P.** *see* Bochagov, B.A. 8-94041
- Mal'tsev, V.I.** *see* Zhilyakov, S.M. 8-68175
- Mal'tsev, V.K.** Canonical formalism for field theory with singular Lagrangians 8-54563
- Mal'tsev, V.K.** *see* Ignatchenko, V.A. 8-80225
- Mal'tsev, V.M.,** Stalyarov, A.N. Investigation of the optical properties of flames containing light scattering particles 8-56894
- Mal'tsev, V.P.** *see* Zalt'sman, Ye.B. 8-57987
- Mal'tseva, I.A.,** Mamedov, A., Medvedkin, G.A., Rud', Yu.V. Optical anisotropy of ZnSiF_2 8-72200
- Mal'tseva, I.A.,** Mamedov, A., Rud', Yu.V., Sokolov, V.I. Polarization of emission transitions to deep centres in p-CdSnF₂ crystals 8-84650
- Mal'tseva, N.F.** *see* Ginzburg, E.A. 8-96349
- Maltseva, V.A.** *see* Ivanov-Omskii, V.I. 8-52569
- Mal'tseva, V.A.** *see* Mozhaev, E.A. 8-72177
- Malugani, J.P.,** Wasniewski, A., Doreau, M., Robert, G., Al Rikabi, A. Ionic conductivity in $\text{AgPO}_3\text{-AgX}$ ($\text{X}=\text{I, Br, Cl}$) glasses 8-79805
- Malugani, J.-P.,** Saida, A., Wasniewski, A., Doreau, M., Robert, G. Ionic conductivity and structure of $\text{AgPO}_3\text{-CdI}_2$ glasses 8-67854
- Malugani, J.-P.** *see* Reggiani, J.-C. 8-64527
- Malumyan, V.H.** *see* Mingaliev, M.G. 8-61927
- Malve, A.** *see* Ammou-Chokroum, M. 8-95817
- Malvezzi, A.M.,** Garifo, L. Spectral and time-based analysis in the XUV region 8-54513
- Malyarenko, G.M.** *see* Borisov, B.A. 8-68961
- Malyavkin, A.V.** *see* Kulakovskii, V.D. 8-64413
- Malygin, A.F.** *see* Balandin, Y.F. 8-60839
- Malygin, A.F.** *see* Getsov, L.B. 8-60743
- Malygin, G.A.** Local heating in crystals during low-temperature deformation 8-67766
- Malygina, A.A.** *see* Kolyadin, A.I. 8-90470
- Malyi, V.I.** Simplification of the functionals in the theory elastoplastic processes 8-63328
- Malyi, V.I.** *see* Kondilenko, E.I. 8-56490
- Malykh, N.I.,** Nagornyi, A.G., Yampol'skii, E.S. HCN laser in three-mirror interferometer for IP phase measurements 8-75414
- Malykhanov, Yu.B.** Electric dipole polarizability of molecules in excited electronic states 8-70966
- Malyon, D.J.** *see* Eve, M. 8-50928
- Malyshchev, A.B.** *see* Ginzburg, E.A. 8-96349
- Malyshchev, K.A.** *see* Sagaradze, V.V. 8-85048
- Malyshchev, M.I.** Phase photoelectric device 8-73632
- Malyshchev, V.K.** *see* Bykovskii, Yu.A. 8-50948
- Malyshcheva, A.F.** *see* Lushchik, Ch.V. 8-72575
- Malyshcheva, T.A.** *see* Ivanova, V.M. 8-85067
- Malyshcheva, T.G.** *see* Shatsova, R.B. 8-77608
- Malyugin, A.V.** *see* Alekseev, V.A. 8-50864, 8-70792
- Malyusov, V.A.** *see* Kholpanov, L.P. 8-59398
- Malyuta, D.D.** *see* Baranov, V.Yu. 8-90409
- Malyuta, Yu.M.** Topological methods in representation theory of Lie groups 8-54148
- Malyutenko, V.K.,** Boiko, I.I., Bolgov, S.S., Fedorenko, L.L., Teslenko, V.I. Increasing the dynamic range of semiconductor laser detectors 8-49899
- Malyutin, A.A.** *see* Kil'pio, A.V. 8-86747
- Malz, D.,** Ritter, G., Gunther, L., Reinhard, R.-M. Infrared detectors based on the photoconductivity of impurities in germanium 8-82036
- Malz, D.,** Schindler, K. Down-conversion in LiO_2 at 5.3 μm 8-90452
- Mamad'alimov, A.T.** *see* Ecke, W. 8-72292
- Mamaev, L.I.** *see* Efimov, I.A. 8-66338
- Mamaev, S.G.,** Mostepanenko, V.M. Particle creation by gravitational field and cosmological singularity 8-93493
- Mamaev, V.L.** *see* Vyskub, V.G. 8-87145
- Mamaev, V.M.,** Sergeev, N.M., Orazberdiev, Kh.A. Calculation of the isotopic shifts for the C, N, and O nuclei 8-86917
- Mamaladze, Yu.G.** *see* Kiknadze, L.V. 8-87838
- Mamalis, A.G.** *see* Johnson, W. 8-63314
- Mamane, Y.,** de Pena, R.G. Detection of individual submicron sulfate particles 8-69527
- Mamane, Y.,** de Pena, R.G. A quantitative method for the detection of individual submicrometer size sulfate particles 8-95973
- Mamane, Y.** *see* Reagan, J.A. 8-61501
- Mamas, D.L.,** Schumacher, R.W., Wong, A.Y., Breun, R.A. Stabilization of toroidal currents in high- β plasmas by surface magnetic fields 8-67401
- Mamayev, S.G.,** Mostepanenko, V.M. Regularization of the fermion stress-energy tensor in isotropic models of the Universe 8-81725
- Mamedniyazov, S.O.** *see* Baum, I.V. 8-90479, 8-90480
- Mamedov, A.** *see* Mal'tseva, I.A. 8-72200, 8-84650
- Mamedov, A.M.** Relation between transport properties and densities of liquids 8-83861
- Mamedov, A.M.** Relationship between complex of thermophysical properties and compressibilities of fluids 8-83964
- Mamedov, A.M.** *see* Agasiev, A.A. 8-84665
- Mamedov, A.M.** *see* Lebedeva, N.N. 8-92121
- Mamedov, A.P.,** Panova, L.Ya., Shabalinskaya, L.A. Ultraviolet absorption spectra of methyl-substituted ammonium halides 8-72547
- Mamedov, K.K.,** Aldzhanov, M.A., Kerimov, I.G., Mekhtiev, M.I. Specific heat and moments of the vibrational spectrum of gallium monochalcogenides 8-87796
- Mamedov, Kh.S.** *see* Abdullaev, G.K. 8-87655
- Mamedov, Kh.S.** *see* Shnulin, A.N. 8-95047
- Mamedov, M.** *see* Rybakova, L.E. 8-79856
- Mamedov, N.A.** *see* Davydov, B.B. 8-60584
- Mamedov, R.M.** *see* Abdullaev, G.B. 8-95385

- Mamedova, A.Z.** see Rudovol, T.V. 8-95353
Mameev, V.V. see Kuznetsov, V.M. 8-78601
Mameev, V.V. see Saruev, G.A. 8-78562
Mamikonjan, S.V., Panov, M.A., Scekina, K.I., Vajgacev, A.A., Vidra, M., Vasek, T. The Si/Li spectrometer cooled with the Peltier elements, with resolving power of 460 eV 8-49947
Mamleyeva, N.A., Nekrasov, L.I. Absorption spectra of chlorophyll a adsorbed on aerosil 8-53327
Mamlok, L. see Billard, J. 8-59747
Mammano, A. see Ciatti, F. 8-85947
Mammel, W.L. see Sandberg, I.W. 8-55442
Mamontova, T.N. see Kolomits, B.T. 8-80038
Mamoshin, V.L. see Shtin, A.P. 8-67653
Mamourian, M., Akhtar, P. Analysis of xenon-induced power oscillations with λ -modes 8-82494
Mampe, W., Schreckenbach, K., Jeuch, P., Maier, B.P.K., Braumandl, F., Larysz, J., von Egidy, T. The double focusing iron-core electron spectrometer 'BILL' for high resolution (n, e^-) measurements at the high flux reactor in Grenoble 8-82566
Mampe, W. see Ageron, P. 8-70678
Mampe, W. see Greenwood, R.C. 8-89819
Mampe, W. see von Egidy, T. 8-66215
Mamrukova, V.P. see Krivoschapkin, P.A. 8-69622
Mamyay, V.A. see Egiyan, K.A. 8-56359
Mamyrin, A.B. see Aleksandrov, E.B. 8-77949
Mamyrin, B.A., Khabarin, L.V. Multiposition metallic reactor for liberation of noble gases 8-59978
Man, J. see Vlach, B. 8-68815
Man, N. see Cerez, P. 8-87073
Man Mohan Sondhi Method for computing motion in a two-dimensional cochlear model 8-65037
Man Ng Wai see Wai Man Ng
Man Wong see Arthur, L. 8-62973
Manabe, S. see Nohmi, T. 8-79372
Manabe, T., Suga, N., Oswald, J. Aural representation in the Doppler-shifted-CF processing area of the auditory cortex of the mustache bat 8-80892
Manak, I.S. see Zharnikov, S.D. 8-74909
Manakov, N.L., Ovsiannikov, V.D., Kielich, S. Magneto-electric susceptibilities of degenerate states. I. General structure of susceptibilities, and linear interaction processes between atoms and electromagnetic fields of laser wave 8-55142
Manakov, N.L., Ovsiannikov, V.D., Kielich, S. Magneto-electric susceptibilities of degenerate states. II. Numerical calculation of susceptibilities, and interaction processes between atoms and electromagnetic fields in the presence of a static magnetic field 8-55143
Manakov, N.L., Rapoport, L.P., Fainshtein, A.G. Quasienergy states of a flat rotator in the field of a circularly polarized wave 8-54596
Manakov, N.L. see Fainshtein, A.G. 8-78981, 8-78982
Manakov, N.L. see Kielich, S. 8-59076
Manas-Diaz, J. see Peraza, J. 8-60382
Mance, A., Mihajlovic, A. Anodic behaviour of the intermetallic phase in the quaternary Cu-Be-Ni-Zr system 8-72895
Manche, E.P. Differential thermoluminescence (DTL)—a new instrument for measurement of thermoluminescence with suppression of blackbody radiation 8-74080
Manchester, R.N. A possible configuration for the Australian synthesis telescope 8-69690
Manchester, R.N., Lyne, A.G., Goss, W.M., Smith, F.G., Disney, M.J., Hartley, K.F., Jones, D.H.P., Wellgate, G.B., Danziger, I.J., Murdin, P.G., Peterson, B.A., Wallace, P.T. Optical observations of southern pulsars 8-77569
Manchester, R.N., Newton, L.M., Goss, W.M., Hamilton, P.A. Detection of a large period discontinuity in the longer period pulsar PSR 1641-45 8-77570
Manchester, R.N. see Buccheri, R. 8-85966
Manchester, R.N. see McCulloch, P.M. 8-65642
Manchester, R.N. see Smith, F.G. 8-93292
Manchikha, S.P. see Genin, L.G. 8-75220
Manchuk, V.A. Anisotropy of dose sensitivity in semiconductor detectors of varying construction used for dosimetry of ionizing radiation 8-70705
Mancinelli, R. see Bertuzzi, A. 8-77078
Mancini, A.M. see Manfredotti, C. 8-84216
Mancini, C. see Frazzoli, F.V. 8-60922
Mancini, F., Matsumoto, H., Umezawa, H., Wadati, M. Surface electromagnetic waves in superconductors 8-88072
Mancini, F., Teshima, R., Umezawa, H. Phase transition between triangular and square lattices in type-II superconductors 8-76202
Mancini, F., Umezawa, H. Surface effects induced by boson transformation 8-91809
Mancini, F. see De Lillo, S. 8-91826
Mancini, M., Moraldi, M., Sferlazzo, P., Spina, G. A comment on the isomer shift of FeF_3 8-62856
Mancini, N.A. see Burratato, G. 8-50546, 8-60250, 8-76171
Mancy, K.H. see Lowry, J.H. 8-93014
Manda, M., Jacobson, D. Electron emission from nickel-alloy surfaces in cesium vapor 8-60540
Mandadi, R. see Leipholz, H.H.E. 8-83304
Mandadi, V., Huseyin, K. The effect of symmetry on the imperfection-sensitivity of coincident critical points 8-79236
Mandajieva, L.A. see Roussev, K.A. 8-80538
Mandal, S. Note on the deflection of a right-angled isosceles triangular plate on viscoelastic foundation 8-75075
Mandal, S.K. see Geiger, G.E. 8-94730
Mandal, S.N. The collapse behavior of tapered steel beams 8-87287
Mande, C., Pimpale, A. Evidence for surface plasmons in X-ray emission bands 8-92146
Mandel, J., Zarka, J., Halphen, B. Structural modification of elastoplastic material by dynamic cold working 8-52847
Mandel, L. see Huang, C.-Y. 8-94402
Mandel, L. see Kimble, H.J. 8-86812
Mandel, L. see M-Tehrani, M. 8-55387, 8-55388
Mandel, L.J. see Benos, D.J. 8-69030
Mandel, M. see Odijk, T. 8-94962
Mandel, M. see Paoletti, S. 8-84515
Mandel, P. see Dembinski, S.T. 8-94385
Mandel, P. see Lugiatto, L.A. 8-82943
Mandelkern, L. Macromolecular principles in teaching undergraduate physical chemistry 8-77643
Mandelkorn, F. Longitudinal tomography and imaging with a masked mirror 8-92695
Mandell, J.F. see Wang, S.S. 8-55602
Mandelstam, S.L. see Aglizki, E.V. 8-53912
Mandelzweig, V.B. see Freidman, E. 8-90325
Mandin, J.-Y. see Camy-Peyret, C. 8-74656
Mandirola, O. Brieux de see Brieux de Mandirola, O.
Mandl, A., Parks, J.H. Collisional quenching kinetics for the HgCl^* (B $1/2$) state 8-94269
Mandl, F. see Bartke, J. 8-66169
Mandl, F. see Grassler, H. 8-62466
Mandl, F. see Schmitz, P. 8-62467
Mando, P.A., Sona, P., Taccetti, N., Liberati, G. The B(E2) value of the $3/2^- \rightarrow 7/2^-$ 1381 keV transition in ^{49}Ti 8-74328
Mando, P.A., Sona, P., Taccetti, N., Liberati, G. The B(E2) value of the first-excited to ground-state transition in ^{49}Ti 8-82308
Mandolesi, N., Morigi, G., Sironi, G. No evidence of pulsed radio emission at 325 MHz from CG 195+4 8-65717
Mandolesi, N. see Atrashkevich, V.B. 8-93061
Mandolesi, N. see Inzani, P. 8-77489
Mandolesi, N. see Palumbo, G.G.C. 8-69890
Mandrzhitskiy, V.M. see Ryabov, A.N. 8-55638
Mandrosov, V.I. see Bakut, P.A. 8-78933
Mandrou, P. see Dupont, A. 8-55092
Manduchi, C. see Giordano, V. 8-74361
Mandurah, M.M. see Kamins, T.I. 8-91559
Maneglier-Lacordaire, S., Ghemard, G., Rivet, J., Flahaut, J. Description of phase diagram of the system $\text{Ga}_2\text{S}_3\text{-Ga}_2\text{Te}_3$ and of a new phase $\text{Ga}_2\text{S}_{2-x}\text{Te}_{1+x}$ ($0 \leq x \leq 0.17$) 8-76635
Manek, B. see Kvapil, J. 8-79022
Manelis, G.B. see Erefeev, L.N. 8-58000
Manenc, J. see Baud, J. 8-88575
Manenkov, A.A. see Dmitryuk, A.V. 8-52573
Manero, O., Mena, B. An interesting effect in non-Newtonian flow in oscillating pipes 8-63463
Manero, O., Mena, B. On the measurement of second normal stresses using a rotating-sphere viscometer 8-79391
Manes, G. A novel surface-acoustic-wave device for electronically variable delay 8-63241
Manes, L., Matzke, H.J. Some comments to 'The thermodynamics of mixed oxide reactor-fuels' 8-70593
Manesis, E.K. see Dash, J.W. 8-82177
Maness, J.H., Kus, S. Applications and pitfalls of reliability prediction [cardiac pacemakers] 8-57132
Manesse, D., Guirlet, J., Zammite, R. Determination of typical accidents of pressurized water reactors and their consequences with a view to planning appropriate emergency measures 8-50285
Manevich, E.M. see Kharitonov, Yu.N. 8-92038
Manfrass, P. see Frank, W. 8-78801
Manfredi, M. see Bucci, C. 8-74679
Manfredi, L.J., Pye, L.D. Dielectric-relaxation currents in cadmium borosilicate glasses 8-52004
Manfredotti, C., Mancini, A.M., Rizzo, A., Murri, R., Vasanelli, L. Electrical properties of $\text{GaS}_2\text{Se}_{(1-x)}$ solid solutions 8-84216
Manfredotti, C. see Agugli, V. 8-68041
Manfroid, J. On the effects of inhomogeneities in high excitation H II regions 8-54007
Mang, H.A., Gallagher, R.H. 'Potential energy with iterative correction'...or deterioration, that is the question. (Reply by authors to M. Crisfield's discussion of 'A critical assessment of the simplified hybrid displacement method') 8-89315
Mang, H.J. see Egido, J.L. 8-78239
Mang, H.J. see Fleissbach, T. 8-86515
Mangalgi, P.D., Dattaguru, B., Rammamurthy, T.S. Specification of skew conditions in finite element formulation 8-62057
Mangano, J.A., Hsia, J., Jacob, J.H., Srivastava, B.N. Plasma return current discharge 8-94920
Mangano, J.A. see Jacob, J.H. 8-74892
Mangano, J.A. see Rokni, M. 8-63062, 8-71083
Mangano, J.A. see Srivastava, B.N. 8-66802
Mangeney, A. see Heyvaerts, J. 8-61824
Manghi, F. see Bertoni, C.M. 8-72232, 8-91744, 8-95332
Manghani, M.H. see Katahara, K.W. 8-95103
Manghnani, M.H. see Rai, C.S. 8-69335
Manghnani, M.H. see Ramanantoandro, R. 8-77224
Manghnani, M.R. see Li-chung Ming 8-79761
Mangia, M. see Fiorella, O. 8-58324
Mangia, M. see Oliveri, E. 8-78588
Mangiavacchi, A. see Miele, A. 8-63278
Mangin, J., Hadni, A. Far infrared absorption and low temperature pyroelectricity in saccharose 8-80348
Mangin, P., Marchal, G. Structural and magnetic properties in $\text{Fe}_x\text{Si}_{1-x}$ amorphous alloys 8-68192
Mangin, Ph., Picuch, M., Marchal, G., Janot, Ch. About the magnetic behaviour of $\text{Fe}_x\text{Me}_{1-x}$ (Me=Si, Ge, Sn) amorphous alloys 8-95478
Mangin, Ph. see Rodmacq, B. 8-95489
Manglick, A. see Messerle, H.K. 8-55726
Mango, S.A. see Glackin, D.L. 8-57516
Mangum, B.W. Temperature SRM will aid accuracy of clinical tests 8-80997
Manh, N.D. see Roll, H. 8-63767
Manheimer, M.A., Parks, R.D. Evidence for a mixed magnetic phase in the system $\text{Ce}_{1-x}\text{Pr}_x\text{Al}_2$ 8-68228
Manheimer, W.M. Introduction to trapped-particle instability in Tokamaks 8-83562
Manheimer-Timnat, Y. see Goldman, Y. 8-94855
Manhes, G., Minster, J.F., Allegre, C.J. Comparative uranium-thorium-lead and rubidium-strontium study of the Saint Severin amphoterite: Consequences for early solar system chronology 8-65560
Mani, H.S., Pati, J.C., Salam, A. 'Naturalness' of atomic parity conservation within left-right symmetric unified theories 8-70306
Mani, K.K. see Ramani, R. 8-51621
Mani, S.A. see Trainor, D.W. 8-74886, 8-74890
Manickam, J. see Chance, M.S. 8-79425
Manida, S.N. Superoperators in the dual model with coloured quarks 8-74234
Manificier, J.C., Jimenez-Lopez, J., Gasiot, J., Bonnafé, J., Fillard, J.P. Resolution of transport equation, by linearisation 8-79989
Manificier, J.C., Szepessy, L., Savelli, M. Preparation and investigation of Sn doped $\text{Si}(\eta)\text{-In}_2\text{O}_3$ heterojunction 8-64107
Manificier, J.C. see de Murcia, M. 8-60157
Manificier, J.-C. Hall effect in finite specimens of arbitrary lifetime and trap content 8-72175
Manificier, J.-C., Henisch, H.K. Minority carrier injection into semiconductors 8-60136
Manificier, J.-C., Henisch, H.K. Minority-carrier injection into semiconductors containing traps 8-60137
Manifold, R., Creyke, W.E.C. Graphite as a candidate material for a rotary glass fiberising apparatus 8-64753
Manina, T.N. see Rychkov, V.I. 8-83131
Maniscalco, J.A., Blink, J.A., Hovingh, J., Meier, W.R., Monsler, M.J., Walker, P.E. A laser fusion reactor design study 8-50332
Maniscalco, J.A. see Monsler, M.J. 8-50334, 8-82518
Manita, O.F. A submillimetric laser with optical pumping of NH_3 , CH_3F , CH_3I , D_2O molecules 8-71088
Maniv, S., Zangvil, A. Controlled texture of reactively RF-sputtered ZnO thin films 8-67921
Maniv, T. A giant enhancement of the nuclear relaxation rate near T_c in quasi 1-D superconductors 8-56257
Manjunath, C.V., Srinivasan, R. ESR study of a Cr^{3+} centre in ferroelectric ammonium sulphate 8-64337
Manjusite, V.I. see Levitas, I.S. 8-77892
Mank, V.V., Sotskova, T.Z., Derevyanko, A.I., Kurilenko, O.D. Investigation of the interaction of water with cholesterol in organic media by the methods of dielectric and n.m.r. spectroscopy 8-76979

- Manka, R.** The singularities of the small polaron effective mass 8-63989
- Manka, R.** The first-order phase transition in the large polaron ground state 8-87924
- Mankbadi, R.** see Liu, J.T.C. 8-94671
- Mankin, W.G.** Airborne Fourier transform spectroscopy of the upper atmosphere 8-61604
- Mankinen, E.A.** see Coe, R.S. 8-61324
- Man'ko, V.I.** see Dodonov, V.V. 8-49719
- Man'ko, V.I.** see Ivanova, E.V. 8-82937
- Man'ko, V.I.** see Oganessian, Yu.Ts. 8-78404
- Man'ko, V.K.** see Kornich, V.G. 8-60235
- Mankoc-Borstnik, N.** A study of the electromagnetic moments of the nuclei ^{19}F , ^{19}Ne , ^{21}Ne , ^{23}Na , ^{23}Na and ^{23}Mg with the generator coordinate method 8-78259
- Mankoc-Borstnik, N.** see Brut, F. 8-89796
- Manley, A.W.J.** see Roper, V.G. 8-58977
- Manley, K.A.,** Sostman, H.E. A melting-point of gallium apparatus for thermometer calibration [enzymologic application] 8-85460
- Manley, O.P.** A space-time approach to the Vlasov-Poisson equations 8-83523
- Manley, O.P.** see Waltz, R.E. 8-67322
- Manley, R.St. John** see St. John Manley, R.
- Mann, A.** see Atalay, B.I. 8-70012
- Mann, A.** see Nip, D. 8-90288
- Mann, A.** see Nir, D. 8-82838
- Mann, A.K.** Multimoon production by neutrinos at FNAL 8-78166
- Mann, A.K.** see Benvenuti, A. 8-82196
- Mann, A.K.** see Smith, J.G. 8-82190
- Mann, A.K.** see Wanderer, P. 8-66073
- Mann, D.M.** A possible first step in carbon particle formation: $\text{C}_2 + \text{C}_2$ 8-68876
- Mann, F.M.** see Switkowski, Z.E. 8-89856
- Mann, L.G.** see Dupzyk, R.J. 8-70670
- Mann, L.G.** see Lanier, R.G. 8-93929
- Mann, L.G.** see Rouse, R.J., Jr. 8-86503
- Mann, L.G.** see Sheline, R.K. 8-78237
- Mann, L.G.** see Struble, G.L. 8-66212
- Mann, R.,** Folkmann, F., Peterson, R.S., Szabo, Gy., Groeneveld, K.-O. Auger electron emission from target ions under heavy-ion impact after molecular dissociation 8-86838
- Mann, R.** see Bauer, C. 8-70923
- Mann, R.W.** see Sheridan, T.B. 8-96114
- Mann, T.L.** see Johnson, R.L. 8-54966
- Mann, W.A.** see Katsoufis, E. 8-82234
- Mann, W.A.** see Whitmore, J. 8-74289
- Mann, W.B.** see Coursey, B.M. 8-80816
- Mannami, M.** see Saitoh, K. 8-87887
- Mannelli, I.** see Apel', V.D. 8-78223
- Mannelli, I.** see Cobb, J.H. 8-62469, 8-89749
- Mannery, E.J.** see Bond, H.E. 8-93304
- Manneville, P.** Non-linearities and fluctuations at the threshold of a hydrodynamic instability in nematic liquid crystals 8-87614
- Mannhart, W.** Average cross sections in the neutron benchmark field of californium-252: a status report 8-82598
- Mannhart, W.,** Vonach, H. A new method for the experimental determination of the efficiency of a large well-type detector 8-55087
- Mannheim, L.A.** Digital camera control 8-70206
- Mannheim, L.A.** Ultrasonic automatic focusing 8-78011
- Manninen, M.,** Hautojarvi, P. Clustering of atoms around the positron and positive ions in gaseous He, Ne, and Ar 8-55270
- Manninen, S.,** Paakkari, T. A high intensity apparatus for accurate Compton profile measurements 8-90013
- Manning, C.D.,** Scriven, L.E. On interfacial tension measurement with a spinning drop in gyrostatic equilibrium 8-51799
- Manning, D.I.** see Herley, R.T. 8-58062, 8-79657
- Manning, J.P.** see Bausman, M.D. 8-59075
- Manning, J.R.** see Butrymowicz, D.B. 8-87829
- Manning, M.R.** Improved lower bounds for the N-fermion problem 8-54292
- Manning, M.R.** Incorrect lower bounds for the N-fermion problem 8-65865
- Manning, R.** see Harvey, C.C. 8-85803
- Mannone, F.,** Cecile, L. Removal of long-lived actinides from PUREX type HAW raffinates. Development of conceptual and experimental studies on solvent extraction 8-66676
- Manocha, A.S.,** Montgomery, R.M. Absorbance compensation technique in the analytical laboratory 8-74083
- Manohar, R.P.** see Gupta, M.M. 8-94744
- Manohara Murthy, N.,** Subrahmanyam, S.V. Solution structure of aqueous non-electrolytes-adiabatic compressibility studies 8-87605
- Manoj Kumar Datta, Ranjan Datta** Interference density and kinetic energy of the B-F bond in BH_3F^- 8-74566
- Manolikas, C.** see Bartozkas, D. 8-71853
- Manoliu, A.,** Kittel, C. Kinetics of instabilities in electron-hole drops under microwave radiation 8-60059
- Manor, H.** see Putter, S. 8-59326
- Manos, D.M.,** Parson, J.M. Chemiluminescent reactions of group IIIb atoms with O_2 : spectral simulations and extended energy dependence 8-80732
- Manos, D.M.** see Bartoszek, F.E. 8-85145
- Manoukian, E.B.** High-energy behaviour of renormalized Feynman amplitudes 8-58114
- Manouvrier, E.,** Devaure, J. Raman spectroscopy study of the effect of pressure on the association of the thiocyanate ion with various metallic cations in aqueous solution 8-80333
- Manov, V.P.,** Popel', S.I. Diffraction investigations of singularities of the structure of liquid metals 8-79521
- Mansel, W.** see Nakagawa, M. 8-71765
- Mansfeld, G.D.** see Gulyayev, Yu.V. 8-59235
- Mansfield, D.K.,** Wong, Y.H., Luthi, B. Far-infrared laser spectroscopy of ErFeO_3 8-88303
- Mansfield, M.W.D.** The simultaneous excitation of two electrons in atomic cadmium 8-58614
- Mansfield, M.W.D.,** Peacock, N.J., Smith, C.C., Hobby, M.G., Cowan, R.D. The XUV spectra of highly ionised molybdenum 8-50493
- Mansfield, P.,** Pykett, I.L. Biological and medical imaging by NMR 8-69172
- Mansfield, P.** see Jasinski, A. 8-76328
- Mansfield, P.** see Pykett, I.L. 8-92683
- Mansfield, P.** see Stevenson, R. 8-80800
- Mansfield, P.H.** Pressure measurement 8-49792
- Mansfield, R.,** Azhdarov, G. Negative magnetoresistance in indium arsenide in the extreme quantum limit 8-64051
- Manshadi, M.A.** Salehi see Salehi Manshadi, M.A.
- Mansingh, A.,** Dhawan, A. Thermoelectric power in transition metal oxide glasses 8-84242
- Mansingh, A.,** Eswar Prasad, S.R.J. Temperature autostabilization in ferroelectric triglycine sulphate 8-72467
- Mansingh, A.,** Rai, G. Effect of surface capacitance on the dielectric behaviour of triglycine selenate near the transition temperature 8-56438
- Mansingh, A.,** Sayer, M., Webb, J.B. Electrical conduction in amorphous WO_3 films 8-60238
- Mansingh, A.** see Agarwal, V.K. 8-60390
- Mansingh, A.** see Arora, V.P. 8-72456
- Manson, E.L., Jr.** see Johnson, G.A. 8-55108
- Manson, J.A.** Behavior of polymer blends and composites 8-76626
- Manson, J.A.** see Siegfried, D.L. 8-83749
- Manson, J.A.** see Skibo, M.D. 8-76762
- Manson, N.B.** Theoretical determination of the intensities and splittings of $^4\text{A}_{2g} \rightarrow ^2\text{E}_g$ vibronic transitions 8-60495
- Manson, N.B.,** Ali Shah, G. Splitting of vibronic levels in $\text{Cs}_2\text{SiF}_6:\text{Mn}^{4+}$ 8-60496
- Manson, S.T.** see Ong, W. 8-50514
- Mansour, H.R.** see Edwards, H.G.M. 8-94252, 8-94253
- Mansour, M.A.M.** see Issa, I.M. 8-53285
- Mansour, N.A.** see Albuquerque, E.X. 8-64975
- Mansour, S.** see Lebovitz, Z. 8-79932
- Mansouri, F.** see Lay Nam Chang 8-77791, 8-93819
- Mansur, L.K.** Void swelling in metals and alloys under irradiation: an assessment of the theory 8-75692
- Mansur, L.K.,** Yoo, M.H. The effects of impurity trapping on irradiation-induced swelling and creep 8-71756
- Mansvetova, E.G.** see Aვაeva, I.G. 8-60321
- Mantel, T.D.,** Gresillon, D. Three-dimensional velocity diffusion in two-stream turbulence 8-59595
- Mantel, M.,** Alfassi, Z.B., Amiel, S. Magnetic fields to eliminate beta-ray interference in measurement of X-rays following neutron activation 8-74101
- Mantel, M.** see Alfassi, Z.B. 8-55091
- Mantefield, M.R.** see Dunmur, D.A. 8-60377
- Mantia, F.P.** La see La Mantia, F.P.
- Mantis, H.T.** see Wardrop, A.J. 8-61596
- Mantl, S.** Defect annealing studies on metals by positron annihilation and electrical resistivity measurements 8-51584
- Mantl, S.** see Fuhs, W. 8-87713
- Mantl, S.** see Lengeler, B. 8-80434
- Manton, M.J.** On dry penetrative convection 8-92889
- Manton, N.S.** Complex structure of monopoles 8-54537
- Manton, N.S.** Instantons on a line 8-62310
- Mantoura, R.F.C.** see Morris, A.W. 8-81199
- Mantovani, E.** see Caputo, M. 8-53618
- Mantovani, G.C.** see Goggi, G. 8-89739, 8-89740
- Mantri, A.N.** see de Villiers, P. 8-62480
- Mantush, O.M.** see Kasperovich, A.N. 8-77877
- Mantyla, A.W.,** Reid, J.L. Measurements of water characteristics at depths greater than 10 km in the Marianas Trench 8-61423
- Mantz, A.W.** Infrared spectroscopic studies of transients 8-58071
- Mantz, A.W.,** Butler, J.F., Nill, K.W. Industrial applications of tunable diode lasers 8-61133
- Manuccia, T.J.,** Clark, M.D., Lory, E.R. Isotope separation by CW infrared laser enhanced reaction 8-56905
- Manuccia, T.J.,** Frankel, D.S. IR laser induced fluorescence cell for multiple photon processes 8-54475
- Manuccia, T.J.** see Geosling, C.E. 8-66675
- Manucharov, Yu.S.,** Mikhailov, I.G. Acoustic relaxation in alcohol-water solutions 8-83883
- Manuel, O.K.** see Ballard, R.V. 8-80975
- Manuel, O.K.** see Hennecke, E.W. 8-96216
- Manuel, O.K.** see Thompson, D.P. 8-85521
- Manukyan, A.M.** see Vardanyan, D.M. 8-59821
- Manukyan, N.V.,** Petrosyan, G.L., Pogosyan, M.Z. Deformation diagram for a porous material 8-88494
- Manus, C.,** Pesnelle, A., Watel, G. Ionization by metastable atoms 8-62907
- Manus, C.** see Lompre, L.A. 8-58630, 8-80452
- Manuszewski, R.C.** see Waterstrat, R.M. 8-76632
- Manyukov, B.A.** see Ajinenko, I.V. 8-58206
- Manz, A.,** Black, J., Pashaev, K., Mills, D.L. Temperature dependence of the low-frequency surface impedance of metals near the extreme anomalous limit 8-56207
- Manz, A.** see Coffey, D. 8-50435
- Manz, J.** see Blumen, A. 8-82822
- Manz, J.** see Connor, J.N.L. 8-64829
- Manz, J.** see Levine, R.D. 8-91386
- Manzanares, C.,** Ewing, G.E. Vibrational relaxation of small molecules in the liquid phase: liquid nitrogen doped with CO_2 , CD_4 , or N_2O 8-92061
- Manzel, M.,** Ecke, W. The influence of surface recombination on the double-injection switching 8-88025
- Manzel, R.** see Garzarolli, F. 8-51351
- Manzhelii, V.G.** see Alexandrovskii, A.N. 8-95163
- Manzione, L.,** Jameel, H., Wilkes, G.L. Small-angle light scattering from shish-kebab structures 8-76482
- Manzke, R.** Anisotropy of the volume plasmon dispersion of InSb 8-56090
- Manzke, W.** The effect of the $\Delta(1236)$ -resonance in nuclear matter 8-82302
- Mao, H.K.,** Bell, P.M., Shaner, J.W., Steinberg, D.J. Specific volume measurements of Cu, Mo, Pd, and Ag and calibration of the ruby R_1 fluorescence pressure gauge from 0.06 to 1 Mbar 8-70150
- Mao Ting-te,** Chia K'e-ch'ang, Lin Chuan, Chang Shou-kung Growth of CaGe substituted iron garnet films 8-95703
- Mao-Shu Zhang** see Zhang Mao-Shu
- Maple, J.R.,** Knudsen, J.T. Transient stimulated vibrational Raman scattering in small molecule liquids 8-71144
- Maple, M.B.** see DeLong, L.E. 8-76184
- Maple, M.B.** see Johnston, D.C. 8-60240
- Maple, M.B.** see Oseroff, S. 8-88184
- Maple, M.B.** see Sales, B.C. 8-88578
- Maples, C.** Nuclear data sheets for A=215 8-58224
- Maples, C.** Nuclear data sheets for A=219 8-82225
- Maples, C.** Nuclear data sheets for A=223 8-58226
- Maples, C.** Nuclear data sheets for A=227 8-58227
- Mapps, D.J.** Magnetic domain demonstrations using the Kerr magneto-optic effect 8-69949
- Maqueda, E.E.** see Dussel, G.G. 8-78332
- Maquet, A.** see Kiarfeld, S. 8-65803
- Mar, H.Y.B.** see Doerfler, W.W. 8-83050
- Mar, S.** see Quintanilla, M. 8-49921
- Marable, J.H.** see Weisbin, C.R. 8-50239
- Maracas, G.N.,** Harris, G.L., Lee, C.A., McFarlane, R.A. On the origin of periodic surface structure of laser-annealed semiconductors 8-91513
- Maradudin, A.A.** Dynamical properties of solid surfaces. An analytic approach 8-71929
- Maradudin, A.A.,** Sham, L.J. Electronic contribution to lattice vibrations at surfaces 8-71932
- Maradudin, A.A.** see Castiel, D. 8-75923
- Maradudin, A.A.** see Eguiluz, A. 8-60080, 8-80030
- Maradudin, A.A.** see Mulazzi, E. 8-68520
- Marafie, A.M.** see Bishop, G.B. 8-50432, 8-83550
- Maraghechi, B.,** Willett, J.E. Raman backscattering of electromagnetic extraordinary waves in a magnetized inhomogeneous plasma 8-91113
- Marakhtanov, K.K.** see Grishin, S.D. 8-76574
- Marakhtanov, M.K.** see Grishin, S.D. 8-76574
- Maranzina, M.A.** see Kosogov, O.V. 8-56225
- Maran, S.P.** see Gurski, T.R. 8-55406
- Maran, S.P.** see Hobbs, R.W. 8-93439
- Maran, S.P.** see Sweeney, L.H. 8-81560
- Marancik, W.** see Adam, E. 8-62642
- Marancik, W.** see Sanger, P. 8-50394
- Marandet, B.,** Sanz, G. Evaluation of the fracture toughness of medium-strength steels by using small specimens 8-60762

- Marangelli, B.** *see* Brautti, G. 8-50707, 8-65956
- Marangoni, R.D.,** Cook, L.M., Basavanahally, N. Upper and lower bounds to the natural frequencies of vibration of clamped rectangular orthotropic plates 8-83284
- Marangos, J.** *see* Rohler, R. 8-55319
- Maranhao, V.** *de Albuquerque* *see de Albuquerque Maranhao, V.*
- Maraniello, G.** *see* Ficara, P.L. 8-70606
- Maranon, J.** *see* Suarez, C.B. 8-50596
- Maranzana Figini, M.,** Bestetti, G., Valli, G. Measuring motor unit action potential duration by means of surface electrode EMG 8-81039
- Maraschi, L.,** Markert, T., Apparaio, K.M.V., Bradt, H., Helmken, H., Wheaton, W., Baity, W.A., Peterson, L.E. Possible X-ray counterparts of γ -ray sources 8-54092
- Maraschi, L.,** Reina, C., Treves, A. The effect of radiation pressure on spherical accretion 8-61725
- Maraschi, L.** *see* Apparaio, K.M.V. 8-61940
- Maraschi, L.** *see* Bignami, G.F. 8-69907
- Marasin, L.E.** *see* Bryskina, I.V. 8-70097
- Maraviglia, B.** *see* Briganti, G. 8-91967
- Marazza, R.** *see* Rambaldi, G. 8-76630
- Marazza, R.** *see* Rossi, D. 8-51469, 8-59782
- Marbeuf, A.,** Gillaume, J.C. The 'DLP' model in $\text{Ga}_{1-x}\text{In}_x$ -P:N alloys. Correlation with electronic properties 8-91560
- Marbrow, R.A.** *see* Briggs, D. 8-56568
- Marburger, J.** *see* Garmire, E. 8-79145
- Marcattili, E.A.J.** Optical fiber communication and integrated optics 8-87159
- Marcato, P.** *see* Heller, M. 8-70689
- Marce, A.** *see* Bosch, B. 8-69314
- Marceau, A.** *see* Dickinson, J.T. 8-92179
- Marcelin, M.** *see* Bertaux, J.L. 8-93136
- Marcelis, F.** *see* Verhaar, B.J. 8-86465
- Marcelja, S.** *see* Radic, N. 8-53211
- Marcerou, J.P.,** Prost, J. Flexoelectricity in isotropic phases 8-63672
- Marcerou, J.-P.,** Prost, J. Relaxational behavior of flexoelectricity 8-94979
- March, N.H.** *see* Bhatia, A.B. 8-67889, 8-91509
- March, N.H.** *see* Brah, A.S. 8-83721
- March, N.H.** *see* Ferraz, A. 8-55128
- March, N.H.** *see* Giaquinta, P.V. 8-60387
- March, N.H.** *see* Groult, P.J. 8-56432
- March, N.H.** *see* Lawes, G.P. 8-62709, 8-90054
- March, P.V.** *see* Corden, M.J. 8-58209, 8-66164, 8-74283
- March, R.** *see* Bunce, G. 8-93878
- March, R.** *see* Heller, K. 8-82253
- March, R.** *see* Smith, J.G. 8-82190
- Marchal, C.** Analysis of a Lambertian type emission of a spherical surface [Earth IR emission] 8-81529
- Marchal, G.** *see* Mangin, P. 8-68192
- Marchal, G.** *see* Mangin, P. 8-95478
- Marchal, G.** *see* Rodmacq, B. 8-95489
- Marchal, J.** *see* Azzopardi, M. 8-57462
- Marchal, J.** *see* Bijaoui, A. 8-53834
- Marchand, A.** Resonance at 9.3 GHz of the magnetite in the vicinity of the Verwey temperature 8-91959
- Marchand, E.** *see* Col, J. 8-81021
- Marchand, R.** Effect of circulating ion resonances and impurities on the dissipative trapped-ion instability 8-79427
- Marchand, R.,** Jeitschko, W. Ternary lanthanoid-transition metal pnictides with ThCr_2Si_2 -type structure 8-51502
- Marchand, R.** *see* Ganne, M. 8-52741
- Marchant, A.C.** Reproducibility of polychromatic modulation transfer function (MTF) measurements 8-50719
- Marchant, A.C.** Brief review of recent British standards 8-50729
- Marchenko, A.T.** *see* Voskresenskaya, E.V. 8-72961
- Marchenko, E.A.** *see* Zelikman, A.N. 8-53018
- Marchenko, L.D.** *see* Orlov, V.K. 8-59941
- Marchenko, L.M.** *see* Timofeeva, V.G. 8-49929
- Marchenko, L.N.** *see* Parabina, G.I. 8-60612
- Marchenko, M.K.,** Pellinets, V.S., Shraiber, Yu.L. Determination of optimal value of conversion coefficient 8-73958
- Marchenko, S.N.** *see* Abakumov, B.M. 8-50716, 8-74862
- Marchenko, S.V.** *see* Petrulin, V.F. 8-92244
- Marchenko, V.G.** *see* Aleksandrov, V.V. 8-94401
- Marchenko, V.I.** Landau-Lifshitz domain structure in a magnetic field 8-60305
- Marchenko, V.I.,** Andriyashik, M.V., Serdyuk, V.A., Zayats, L.G. Indirect electron transitions in lanthanum sesquichalcogenide crystals 8-84576
- Marchertas, A.H.,** Fistedis, S.H., Bazant, Z.P., Belytschko, T.B. Analysis and application of prestressed concrete reactor vessels for LMFBR containment 8-74448
- Marchese, B.** Microstructure of mature alite pastes 8-92381
- Marchesi, C.,** Chierchia, S., Maseri, A. Left and right ventricular pressure monitoring in the CCU. Methods and significance 8-85436
- Marchesi, G.,** Maschio, A. Influence of electrode materials on arc voltage waveforms in pressurized field distortion spark gaps 8-87549
- Marchetti, A.P.** *see* Walker, E.I.P. 8-72192
- Marchetti, C.** On geoenvironment and the CO_2 problem 8-57301
- Marchetti, R.,** Penco, E., Perito, U., Tomassini, M., Tranquilli, A. A transversely excited atmospheric CO_2 laser 8-55360
- Marchetto, F.** *see* Borreani, G. 8-82232
- Marchi, D.L.** *see* Burgess, E.L. 8-79099
- Marchi, E.,** Benegas, J., Ripoll, D. Temperature dependence of microtubule structure 8-85288
- Marchi, F.T.** *see* Wallerstein, E.P. 8-59039
- Marchiafava, P.L.** Horizontal cells influence membrane potential of bipolar cells in the retina of the turtle 8-88708
- Marchildon, L.** *see* Gurse, F. 8-57735, 8-70303
- Marchis, G.** *De* *see* De Marchis, G.
- Marchuk, G.I.,** Kochergin, V.P., Klimok, V.I., Sukhorukov, V.A. Mathematical simulation of seasonal variability of the ocean surface turbulent layer 8-96220
- Marchuk, G.M.,** Rudakov, V.N. Phase method of microwave flaw detection of piezoceramic manufactured articles 8-72968
- Marchuk, G.M.** *see* Rudakov, V.N. 8-72969
- Marchut, L.** *see* McMahon, C.J., Jr. 8-72780
- Marchyulionis, D.-V.,** Bareishis, I.P. Method of measuring deformation of materials under cyclic loads 8-85082
- Marcia-Kozłowska, J.** Generalized transport equations for the relaxation regime 8-56139
- Marciano, W.J.,** Sanda, A.I. Parity violation in atoms induced by radiative corrections 8-78108
- Marciano, W.J.,** Sanda, A.I. Gauge theory predictions for the electron-nucleus parity violating neutral current interaction 8-86436
- Marciano, W.J.** *see* Beg, M.A.B. 8-54599
- Marcilhacy, G.** Method of complementary variational principles applied to the equilibrium condition of a plasma ring 8-51335
- Marciniak, Z.** The effect of material strain rate sensitivity and of the heterogeneity of the specimen on test results of uniaxial tension 8-84887
- Marciniec, J.W.** *see* Jain, F.C. 8-59005
- Marcinkowski, M.J.** Differential geometry of phase transformations 8-67805
- Marcinkowski, M.J.** *see* Jagannadham, K. 8-67092, 8-80625
- Marcisak, R.J.,** Katz, L. A powder X-ray diffraction survey of the effects of substituting strontium for barium in a barium nickel oxide 8-51498
- Marck, A.** *see* Dritschilo, A. 8-53476
- Marckwardt, W.** The TOPOMAT automatic stereoplotting and orthorectification system—its application and accuracy 8-81437
- Marcon, G.,** Peffen, R., Lemaire, H. A contribution to the study of Alnico 5. Thermal treatment in magnetic field 8-91905
- Marcon, G.,** Peffen, R., Lemaire, H. Fe-Ni-Al phase diagram in AlNi type permanent magnets related area 8-92237
- Marconi, G.C.** *see* Poggi, G. 8-84483
- Marconi, C.,** Golden, W.G., Overend, J. 3-quantum transition probabilities in the ν_3 manifold of UF_6 and the assignment of $3\nu_3$ in the observed infrared spectrum 8-58648
- Marcott, C.,** Golden, W.G., Overend, J. Three-quantum transition probabilities in the ν_3 manifold of SF_6 and the assignment of the observed $3\nu_3$ transition in the i.r. spectrum 8-86866
- Marcott, C.** *see* Golden, W.G. 8-55172
- Marcott, C.** *see* Jeannotte, A.C. II 8-55160
- Marcotty, A.** *see* Crook, W.W., III 8-65286
- Marcovich, D.** *see* Tapscott, R.E. 8-93501
- Marcus, F.B.** *see* Peng, Y.-K.M. 8-58419
- Marcus, Ph.** *see* Oudar, J. 8-64771
- Marcus, P.M.** *see* Jona, F. 8-63930
- Marcus, P.M.** *see* Maglietta, M. 8-91546
- Marcus, P.M.** *see* Moruzzi, V.L. 8-95680
- Marcus, R.B.** *see* Chang, C.C. 8-76783
- Marcus, Y.** *see* Barak, H. 8-86876
- Marcuse, D.** Gaussian approximation of the fundamental modes of graded-index fibers 8-66907
- Marcuse, D.** *see* Presby, H.M. 8-79104
- Mardanov, A.** An estimation of the angular velocity for some rotating liquid figures in equilibrium. I 8-51176
- Marder, A.Kh.,** Tsimermanis, F.Kh. Device for investigating rheological properties of ceramic compositions over a range of drying temperatures (exchange of experience) 8-85079
- Mardzhov, A.S.,** Svitashov, K.K., Semenenko, A.I., Semenenko, L.V., Sokolov, V.K. Determination of the optical constants of materials by ellipsometry in the far-infrared region of the spectrum [semiconductor thickness measurement] 8-93753
- Mardzhov, A.S.** *see* Semenenko, A.I. 8-51862
- Mardin, V.V.** *see* Vasil'ev, E.V. 8-77908
- Mardirossian, F.** *see* Cester, B. 8-61885, 8-61886, 8-69834
- Mardix, S.,** Chi, M. Quenching of photoconductivity in silver sulfide thin layers by ultraviolet radiation 8-68047
- Mardix, S.,** Keene, M., Swyt, D.A., Teague, E.C. Relief-exposure characteristics of radiographs in relief 8-49945
- Marec, J.** *see* Bloyet, E. 8-59674, 8-75385
- Marecek, J.** *see* Sohnel, O. 8-68615
- Marechal, Y.** Vibrational properties of H-bonds 8-58653
- Mareeva, V.S.** *see* Borisova, E.A. 8-56671
- Marek, J.** *see* Hotop, R. 8-70793
- Marek, J.** *see* Ministr, Z. 8-64503
- Marek, P.** Propagation of multiple ended fatigue cracks in hybrid bodies 8-68801
- Marelius, A.** *see* Ishii, K. 8-78798
- Marelli, L.** The Earthnet programme 8-88921
- Marenkin, S.F.,** Huseynov, B., Shevchenko, V.Y., Belyskii, N.K. The growth of CdAs_2 and ZnAs_2 single crystals from the vapor phase 8-88416
- Mar'enko, V.V.,** Kuts, P.S., Dudchenko, A.K. Low-frequency dipole moment in a multilevel system acted on by a resonant amplitude-modulated signal 8-72394
- Marennikov, S.I.,** Orlov, V.A., Fomin, Yu.N., Kidyarov, B.I. Anomalous light scattering on polaritons in the region of phase transition in $\alpha\text{-LiIO}_3$ single-crystals 8-76467
- Marennikov, S.I.** *see* Barkan, I.B. 8-95572
- Marennikov, S.I.** *see* Gusev, Yu.L. 8-50782
- Mares, R.** *see* Juza, J. 8-79401
- Maresch, H.,** Pfurtscheller, G., Schuy, S. Optimal filtering of individual evoked potentials in a sequential range 8-85401
- Maresch, H.** *see* Pfurtscheller, G. 8-85400
- Mareschal, J.-C.** Dynamic behaviour of a phase boundary under non-uniform surface loads 8-85509
- Marezio, M.** *see* Collomb, A. 8-52214
- Marezio, M.** *see* Meyer, C. 8-84505
- Marezio, M.** *see* Vincent, H. 8-51497
- Marfaing, J.,** Vidal, B. The determination of optical constants of calcium from thin films 8-52586
- Marffy, F.,** Gall, G., Kosa-Somogyi, I. Thermosensitive cholesteric liquid crystals 8-59755
- Marfurt, K.J.** *see* Mason, W.P. 8-65268
- Margalit, S.,** Fekete, D., Pepper, D.M., Chien-Ping Lee, Yaviv, A. Q-switched ruby laser alloying of Ohmic contacts on gallium arsenide epilayers 8-88026
- Margalit, S.** *see* Lee, C.P. 8-50774, 8-55364, 8-59981, 8-71232
- Margani, A.** *see* Nguyen Xuan, C. 8-78750
- Margaritondo, G.** *see* Cerrina, F. 8-56569
- Margaritondo, G.** *see* Sakurai, T. 8-73079
- Margaritondo, G.** *see* Traum, M.M. 8-56069
- Margerison, D.** *see* Green, J.R. 8-77834
- Margoliash, D.J.,** Meath, W.J. Pseudospectral dipole oscillator strength distributions and some related two body interaction coefficients for H, He, Li, N, O, H_2 , N_2 , O_2 , NO, N_2O , H_2O , NH_3 , and CH_4 8-50503
- Margolin, A.D.,** Shmel'ev, V.M. Thermal instability in a vibrationally excited molecular gas 8-56895
- Margolin, H.,** Mahajan, Y. Void formation, void growth and tensile fracture in Ti-6Al-4V 8-80637
- Margolin, H.** *see* Jinoch, J. 8-84924
- Margolin, H.** *see* Mahajan, Y. 8-56753
- Margolin, H.** *see* Saleh, Y. 8-72822
- Margolin, L.I.** *see* Romanovskiy, S.G. 8-55688
- Margolin, L.Ya.,** Pyatnitskii, L.N. Low-temperature plasma diagnostics by scattering and resonance fluorescence 8-67482
- Margolin, L.Ya.** *see* Pyatnitskii, L.N. 8-87497
- Margolis, B.** New vector mesons and photon total cross sections 8-58192
- Margolis, J.S.** Absorption strength of the perturbed ν_4 band of CH_3Cl 8-70833
- Margolis, J.S.,** Menzies, R.T., Hinkley, E.D. Bandstrength determination of the fundamental vibration-rotation spectrum of ClO 8-70872
- Margolis, J.S.** *see* Bergstrahl, J.T. 8-90178
- Margolis, S.B.** Time-dependent solution of a premixed laminar flame 8-67282
- Margolis, S.B.,** Su, C.H. Boundary-value problems in stratified shear flows with a nonlinear critical layer 8-79357
- Margolis, W.S.** *see* Henslee, S.P. 8-82078
- Margon, B.,** Cohen, J.G. The Bowen mechanism in HZ Herculis 8-53985
- Margon, B.,** Kwitter, K.B. The spectrum and luminosity of the low-redshift QSO 0241+622 8-93451
- Margon, B.,** Szkody, P., Bowyer, S., Lampton, M., Paresce, F. Extreme-ultraviolet observations of dwarf novae from Apollo-Soyuz 8-93252
- Margon, B.** *see* Apparaio, K.M.V. 8-61940
- Margon, B.** *see* Popper, D.M. 8-73707
- Margon, B.** *see* Thorstensen, J.R. 8-93218

- Margoninski, Y.**, Eger, D. Electron energy-loss spectroscopy from polar ZnO surfaces 8-64434
- Margot, E.** *see* Peralta, L. 8-76134
- Margotta, V.** *see* Gibertini, G. 8-85335
- Margulies, M.**, Slonczewski, J.C. Energy and mobility of Bloch point singularities 8-68331
- Margulis, A.D.** *see* Margulis, V.A. 8-60448
- Margulis, A.R.** *see* Boyd, D.P. 8-69211
- Margulis, L.**, Lovelock, J.E. The biota as ancient and modern modulator of the Earth's atmosphere 8-73517
- Margulis, V.A.**, Margulis, V.L.A., Margulis, A.D. Intervalley cyclotron-phonon resonance in semiconductors 8-60448
- Margulis, V.L.A.** *see* Margulis, V.A. 8-60448
- Margulova, T.Kh.**, Rassokhin, N.G., Tevlin, S.S., Milaev, A.I., Gruzdev, N.I., Shchapov, G.A. Experience with high-temperature decontamination of the second generating unit of Beloyarsk nuclear power station with use of chelating agents 8-50280
- Marha, K.**, Musil, J. The cell as an electric circuit. I. Theoretical study 8-77011
- Marha, K.**, Musil, J. The cell as an electric circuit. II. Experimental section 8-77012
- Marhic, M.E.** Oscillating Hermite-Gaussian wave functions of the harmonic oscillator 8-70004
- Mari, C.M.**, Pizzini, S., Giorgi, T.A., Rosai, L., Borghi, M. On the accurate calibration of an electrochemical oxygen meter in the 10^{-7} bar range 8-80812
- Mariam, F.G.** *see* Reist, H.-W. 8-70672
- Mariani, D.F.**, Alvarez Rivas, J.L. Thermoluminescence in KI, KBr, NaCl and NaF crystals irradiated at room temperature 8-84669
- Mariani, E.** *see* Babb, T.L. 8-77163
- Mariani, E.** *see* Pozniak, J. 8-75660
- Marichal, D.**, Clement, A. Three dimensional study of equilibrium shapes and tension of cables in a non-uniform stream 8-63277
- Maricq, M.M.** *see* Waugh, J.S. 8-68410
- Marie, E.** *see* Vetter, R. 8-82949
- Maries, A.**, Rogers, P.S. Continuous unidirectional crystallization of fibrous metasilicates from melts 8-95739
- Marigliano Ramaglia, V.** *see* Iadonisi, G. 8-80033
- Marignan, J.**, Malet, G., Parodi, O. Plasticity of smectics A 8-91227
- Marik-Korda, P.** An inverse DIE method 8-92569
- Marikhin, V.A.**, Myasnikova, L.P. The role of interfibrillar tie molecules in drawing of polymers 8-76706
- Marikhin, V.A.** *see* Friedland, K.J. 8-75562
- Marimuthu, T.**, Haridasan, T.M. Brout sum rule and trace variable forces in III-V semiconductors 8-59892
- Marin, C.** *see* Mpodozis *see* Mpodozis Marin, C.
- Marin, G.**, Graessley, W.W. Viscoelastic properties of high molecular weight polymers in the molten state. I. Study of narrow molecular weight distribution samples 8-63407
- Marin, J.C.** *see* Gavillet, P. 8-70409
- Marin, J.C.** *see* Gavillet, Ph. 8-89736
- Marin, S.P.** *see* Fix, G.J. 8-90574
- Marin, V.P.** *see* Nikolaev, I.N. 8-52383, 8-80266
- Marinaro, M.** *see* Caianiello, E.R. 8-49759
- Marinder, B.-O.** $\text{Mg}_2\text{Nb}_2\text{O}_{11}$ —an oxide containing isolated octahedra of niobium atoms. A structure determination and refinement from X-ray powder film data 8-91319
- Marine, J.**, Ternisien D'Ouville, T., Shaub, B., Laugier, A., Barbier, D., Guillaume, J.C., Rommeluere, J.F., Chevallier, J. Luminescence and bandgap studies of high purity $\text{Mg}_{1-x}\text{Zn}_x\text{Te}$ ternary alloys 8-68553
- Marine, J.** *see* Dean, P.J. 8-60504
- Marinelli, V.** *see* Barra, O. 8-75062
- Marinero, E.F.** *see* Stuke, M. 8-70948
- Marinescu, L.** *see* Duma, M. 8-66451
- Marinescu, M.** A new macroscopic theory of thermoelectric phenomena 8-91678
- Marini, A.** *see* Esposito, B. 8-66132
- Marinkovic, M.** *see* Eliezer, N. 8-83932
- Marinkovic, M.M.** *see* Nikin, B.M. 8-76231
- Marino, A.A.**, Becker, R.O. Hazard at a distance: effects of exposure to the electric and magnetic fields of high voltage transmission lines 8-77083
- Marino, G.** *see* Braccini, C. 8-57045
- Marino, R.E.**, Blaumoser, M. PLT toroidal field coils—operational deflection measurements 8-62627
- Marino, R.J.**, Ellwood, B.B. Anomalous magnetic fabric in sediments which record an apparent geomagnetic field excursion 8-81152
- Marino, S.** *see* Geard, C.R. 8-65086
- Marinov, B.** *see* Toncheva, L. 8-72274
- Marinov, I.V.**, Skorokhod, E.P., Zemtsov, Yu.K. Deviation from Boltzmann population of Xe I levels 8-67605
- Marinov, M.** *see* Kozhukharov, V. 8-71680
- Marinov, M.G.** *see* Leftorov, D.P. 8-82592
- Marinov, M.I.**, Kabanov, L.P. An investigation of heat transfer in the region of deteriorated heat transfer at low pressures and moderate mass velocities of the flow 8-67257
- Marinov, M.R.** *see* Kozhukharov, V.S. 8-52779
- Marinov, M.S.** Nonlinear wave equations and the differential geometry 8-74162
- Marinov, P.** Toward a thermo-viscoelastic theory of two-component materials 8-73854
- Marinov, S.** The light Doppler effect treated by absolute spacetime theory 8-69979
- Marinov, S.** Comments on: 'A criticism of the 'absolute space-time theory' 8-86211
- Marinov, S.G.** *see* Lange, Yu.V. 8-53158
- Marinov, V.M.** *see* Lazarova, M.S. 8-85280
- Marinova, K.** *see* Germanova, K. 8-76493
- Marioge, J.P.** *see* Jaunet, G. 8-66886
- Marioge, J.P.** *see* Mahe, C. 8-58017
- Marion, F.** *see* Rasneur, J. 8-64053
- Marion, R.H.** A short-time, high temperature mechanical testing facility 8-53051
- Marion, R.H.** A new method of high-temperature strain measurement 8-85063
- Marion, R.H.** Mechanical behaviour of type 316 stainless steel from 760 to 1204 C 8-86604
- Marioni, C.** *see* Pelosi, V. 8-89731
- Mariot, J.-M.**, Dufour, G. The $\text{M}_{4,5}$ -VV Auger spectrum of silver: An interpretation based on quasi-atomic final states 8-72688
- Mariot, J.-M.** *see* Hague, C.F. 8-74604
- Maris, H.J.**, Kadanoff, L.P. Teaching the renormalization group 8-62012
- Maris, Z.** *see* Draganescu, V. 8-63148
- Mariscotti, M.A.J.** *see* Behar, M. 8-50088, 8-70707
- Mariscotti, M.A.J.** *see* Davidson, M. 8-93941
- Mariska, J.T.** *see* Traub, W.A. 8-93203
- Mark, E.** Absolute wave potential determination 8-75425
- Mark, E.**, Hatekeyama, R., Sato, N. Electron plasma wave in a plasma with non-Maxwellian distribution produced by a large-amplitude wave 8-75299
- Mark, E.** *see* van Mark, E.
- Mark, H.**, Hull, F. Three-dimensional viewing of tomographic data—The TOMAX system 8-85446
- Mark, H.B., Jr.** *see* Ataman, O.Y. 8-87171
- Mark, H.B., Jr.** *see* Greinke, R.A. 8-85216
- Mark, J.E.** *see* Rahalkar, R.R. 8-78844
- Mark, J.W.-K.** *see* Bertin, G. 8-54053
- Mark, P.** *see* Amith, A. 8-95360
- Mark, P.** *see* Kahn, A. 8-71912, 8-91515
- Mark, P.** *see* Lee, B.W. 8-68084
- Mark, P.** *see* Skeath, P. 8-91514
- Mark, P.** *see* Taubenblatt, M. 8-75916
- Mark, T.D.** Production of H_2 in a water vapour plasma of a hollow cathode discharge 8-75441
- Mark, T.D.** *see* Egger, F. 8-94326
- Mark, T.D.** *see* Langenwalter, M. 8-63619
- Mark, T.D.** *see* Stori, H. 8-91169
- Mark, W.** *see* Falck, L. 8-55845
- Mark, W.** *see* van der *see* van der Mark, W.
- Mark, W.D.** Analysis of the vibratory excitation of gear systems: Basic theory 8-63233
- Markaryan, R.Kh.** *see* Galumyan, P.I. 8-78568
- Markaryan, V.K.** *see* Khait, O.D. 8-92436
- Markatos, N.C.G.** Heat, mass and momentum transfer across a wavy boundary 8-87335
- Markatos, N.C.G.**, Spalding, D.B., Tatchell, D.G., Vlachos, N. A solution method for three-dimensional turbulent boundary layers on bodies of arbitrary shapes 8-79312
- Markees, A.** *see* Darden, C.W. 8-93895
- Markeev, A.P.**, Sokol'skii, A.G. On the stability of periodic motions which are close to Lagrangian solutions 8-53804
- Markeev, A.P.**, Sokol'skii, A.G. A method for constructing and investigating the stability of periodic motions of autonomous Hamiltonian systems 8-69664
- Markeev, B.M.** Isothermal slip of a binary gas mixture along a solid surface 8-67220
- Markeev, B.M.** Gas creep along a solid surface 8-67222
- Markel, J.D.** *see* Wong, D.Y. 8-69112
- Markelis, A.V.**, Antonov, A.V., Pranyavichyus, L.I. Effect on bubble domain properties of radiation damage to iron garnet films subjected to ion implantation 8-88152
- Markeliya, R.A.** *see* Stavrianidis, S.A. 8-68646
- Markellos, V.V.** Bifurcations of straight-line oscillations 8-71278
- Markellos, V.V.** Asymmetric periodic orbits in three dimensions 8-77476
- Markellos, V.V.**, Kazantzis, P.G., Zagouras, C.G. Numerical extrapolation of periodic solutions 8-69663
- Markellos, V.V.**, Klimopoulos, S., Goudas, C. Periodic motions in the meridian plane of a magnetic dipole. II 8-85841
- Markellos, V.V.**, Klimopoulos, S., Halioulas, A.A. Periodic motions in the meridian plane of a magnetic dipole. I 8-89053
- Marker, A.J.**, Reed, R.W., Brickwedde, F.G., Schuyler, R.L., Bitler, W.R. Fluxoid pinning by vanadium carbide precipitates in superconducting vanadium 8-52169
- Markert, T.** *see* Maraschi, L. 8-54092
- Markevich, Yu.B.** *see* Semenov, B.I. 8-52725
- Markkevitch, B.V.** *see* Bleha, W.P. 8-83102
- Markevits, L.E.**, Sviklis, B.B. Structure and stability of magnetic hydrosols 8-80794
- Markay, J.K.** *see* Wang, J.Y. 8-69451
- Markfort, D.**, Hiltgen, H., Kuehne, W., Weber, H. Liquid-metal valves 8-82449
- Markiewicz, R.S.** Theory of magnetostriction of electron-hole drops in Ge 8-87912
- Markiewicz, W.D.** *see* Heinrich, J.P. 8-50391
- Markiewicz, W.D.** *see* Quay, R. 8-50390
- Markin, A.S.** *see* Davydov, B.A. 8-50787
- Markin, V.F.**, Udovitskii, V.I., Broide, Z.S. Wear resistance of steel parts with silicide base coatings 8-72936
- Markin, V.P.** *see* Buryukov, S.V. 8-57945
- Markin, V.S.**, Pastushenko, V.F., Chizmadzhev, Yu.A. Physics of the nerve impulse 8-85306
- Markin, V.S.** *see* Malev, V.V. 8-69023
- Markin, V.S.** *see* Mulser, A.L. 8-53383, 8-64971, 8-69037
- Markina, L.V.** *see* Gorbatenko, V.E. 8-53108, 8-53118
- Markiv, V.Ya.**, Rachinskii, V.G. Investigation of phase equilibria of the chromium-cobalt-gallium and chromium-nickel-gallium systems 8-92236
- Markiv, V.Ya.** *see* Belyavina, N.N. 8-84772
- Markiv, V.Ya.** *see* Bodak, O.I. 8-84773
- Markiv, V.Ya.** *see* Gavrilenko, I.S. 8-92235
- Markiv, V.Ya.** *see* Savitskii, E.M. 8-56617, 8-56618
- Markkanen, T.** A pair of galaxies at low galactic latitude 8-96536
- Markl, R.G.** Basement morphology and rift geometry near the former junction of India, Australia and Antarctica 8-96166
- Marko, A.M.**, Myers, D.K., Ophel, I.L., Cowper, G., Newcombe, H.B. Research in radiation biology, in the environment and in radiation protection at CRNL 8-61222
- Markochev, V.M.**, Morozov, E.M. A method of unloading in experimental fracture mechanics 8-56829
- Markolenko, Y.K.** *see* Bashenov, V.K. 8-72072
- Markosyan, A.S.** *see* Adamyan, V.E. 8-88101
- Markov, A.A.** *see* Malov, Yu.I. 8-80041
- Markov, A.V.** *see* Markov, N.G. 8-52904
- Markov, H.S.** *see* Georgiev, G.I. 8-84376
- Markov, M.N.**, Grechko, G.M., Gubarev, A.A., Ivanov, Yu.S., Petrov, V.S. Infrared spectra of regolith according to measurements made aboard the Salyut 4 orbiting station 8-69716
- Markov, N.G.**, Blasov, S.V., Sagalaev, G.V., Kuleznev, V.N., Markov, A.V. Investigation of the deformation of films of two-phase polymer alloys 8-52904
- Markov, P.K.** *see* Gentchev, V.I. 8-78174
- Markov, S.I.** *see* Astaf'ev, A.A. 8-71770
- Markov, S.I.** *see* Zorev, N.N. 8-53046
- Markov, V.A.**, Oleinik, L.S., Skorodumov, S.A., Tret'yakov, L.M. Calibrator for inductometers 8-74034
- Markov, V.A.**, Potashnik, E.L., Rivkind, V.Ya. Two-dimensional mathematical model of process of natural quarry ventilation 8-65358
- Markov, V.A.** *see* Babintseva, T.P. 8-74035
- Markov, V.B.**, Odulov, S.G., Soskin, M.S. Properties of the three-dimensional phase holograms in activated and reduced LiNbO_3 crystals 8-90394
- Markov, V.B.** *see* Vinetskii, V.L. 8-90393
- Markov, V.G.** *see* Fedorchenko, I.M. 8-60845
- Markov, Yu.N.**, Nesmelov, E.A., Nikitin, A.S., Gainutdinov, I.S. Theory of band-pass interference filters 8-83096
- Markova, E.** Relation of flare activity to the approach and separation of sunspots in an active region and to its magnetic properties 8-89141
- Markova, L.A.** *see* Vyskub, V.G. 8-87145
- Markova, T.Yu.** *see* Kapustina, M.D. 8-67781
- Markovets, M.P.**, Degtyarev, V.I., Lagveshkin, V.Ya. Effect of rate of application of the load on quantitative and qualitative indices of ball insertion curves 8-60903
- Markovitz, H.**, Berry, G.C. Rheology of some polymeric systems 8-87317
- Markovskaya, L.I.** *see* Vinokur, B.B. 8-56805
- Marks, G.L.** *see* Krehman, A.F. 8-56663
- Marks, L.E.** Binaural summation of the loudness of pure tones 8-92638
- Marks, L.M.** *see* Pundsack, A.L. 8-83055
- Marks, R.J., II.**, Bell, S.V. Astigmatic coherent processor analysis 8-78927
- Marks, R.J., II.**, Walkup, J.F. Coherent optical processors for ambiguity function display and one-dimensional correlation/convolution operations 8-78950
- Marks, R.J., II.** *see* Krile, T.F. 8-74868
- Marks, T.** *see* Burman, R.L. 8-70573
- Marks, T.** *see* Malbrough, D.J. 8-70570
- Marks, T.** *see* Preadom, B.M. 8-70571

- Marks, T.J.**, Schramm, C.J., Stojakovic, D.R., Hoffmann, B.M. New low-dimensional molecular metals: single-crystal electrical conductivity of nickel phthalocyanine iodide 8-76057
- Markson, R.** Solar modulation of atmospheric electrification and possible implications for the Sun-weather relationship 8-57261
- Markstrom, K.M.** see Carlsson, A.J. 8-60775
- Markun, F.** see Rundo, J. 8-69224
- Markus, F.A.** see Borovitskaya, N.M. 8-61557
- Markus, S.** see Arrhenius, G. 8-73623
- Markvart, M.** The behavior of technetium in the fluoride volatility method of spent reactor fuel 8-82496
- Markvoort, J.A.**, Hopman, H.J., De Kluiver, H. The increase of energy confinement by the use of heavy-gas end plugs 8-51336
- Markworth, A.J.**, Baroody, E.M. Comments regarding a one-dimensional Morse-function crystal 8-54134
- Markytan, M.** see Rohringer, H. 8-74277
- Markytan, M.** see Schmitz, P. 8-62467
- Marland, L.G.** Application of the Legendre transformation to the Potts model 8-80156
- Marlborough, J.M.**, Snow, T.P., Jr., Slettebak, A. Ultraviolet and optical spectral variability in the Be star γ Cassiopeiae: a coronal model for the emission 8-93251
- Marlett, C.J.** see Hug, W.F. 8-66510
- Marling, J.** see Nilsen, J. 8-86824
- Marling, J.B.**, Lang, D.B. Vacuum ultraviolet lasing from highly ionized noble gases 8-63060
- Marlor, R.C.**, Rindone, G.E. Reactivity of glass fibers to atmospheric moisture below the annealing range as measured by internal friction 8-92288
- Marlow, A.R.** Quantum theory and Hilbert space 8-86183
- Marlow, I.** see White, J.W. 8-87869
- Marlow, W.H.** Unipolar aerosol diffusion charging. I. Particle dielectric constant and ion mobility distribution effects 8-61058
- Marlow, W.H.** Unipolar aerosol diffusion charging. II. Ion and aerosol polydispersities: the 'Diffusion charging mobility analysis' hypothesis 8-61059
- Marlow, W.H.** A limitation on electrical measures of aerosols 8-69431
- Marlow, W.H.** see Tanner, R.L. 8-69528
- Marmar, E.S.** Recycling processes in Tokamaks 8-94126
- Marmeggi, J.-C.** Contribution to the study of domains and magnetic phenomena by new recordings: 'magnetic neutron Laue diffraction' 8-95455
- Marmet, P.** see Hubin-Franskin, M.J. 8-73074
- Marmo, G.**, Saletan, E.J. q-equivalent particle Hamiltonians. III. The two-dimensional quantum oscillator 8-93525
- Marmorino, G.O.**, Caldwell, D.R. Horizontal variation of vertical temperature gradients measured by thermocouple arrays [ocean] 8-61571
- Marnier, W.J.**, Bergles, A.E. Augmentation of tube-side laminar flow heat transfer by means of twisted-tape inserts, static-mixer inserts, and internally finned tubes 8-94726
- Marochnik, L.S.** see Krymsky, A.M. 8-77629
- Marode, E.**, Bastien, F. Study of the parameter influencing gas dynamic processes allowing the current growth to spark breakdown in electro-negative gas mixtures 8-87588
- Marohnic, Z.** see Babic, E. 8-91659
- Marom, E.** Optical delay line matched filters 8-74983
- Marom, E.** Real-time one-step in incoherent level slicing of optical images 8-82919
- Marom, E.** see Chen, B. 8-94453
- Marom, E.** see Grinberg, J. 8-74856
- Marom, G.**, Fischer, S., Tuler, F.R., Wagner, H.D. Hybrid effects in composites: conditions for positive or negative effects versus rule-of-mixtures behaviour 8-68769
- Maron, V.I.** Longitudinal diffusion in a flow through a tube 8-90974
- Maron, Y.** Technique for measuring very high surface velocities 8-49806
- Maron-Lopez, J.L.**, Bennemann, K.H. Order-disorder phase transition at the (100) surface of A_2B alloys 8-95747
- Maronchuk, I.E.** see Kovalenko, V.F. 8-72596
- Maroni, V.A.** see Clemmer, R.G. 8-66413
- Maroni, V.A.** see Mintz, J.M. 8-62616
- Maroni, V.A.** see Misra, B. 8-58452, 8-62650
- Marossy, K.** Testing of the plate-out of PVC-systems with tristimulus colorimeter 8-93751
- Maroti, L.** see Szabados, L. 8-82431, 8-82432
- Marotta, A.**, Galvao, R.M.O. Anomalous plasma resistivity in prepulsed flashlamp discharges 8-87508
- Marotta, C.R.** A simple relationship of maximum Δk due to compaction of unmoderated fissile materials 8-70589
- Marowsky, G.**, Cordray, R., Tittel, F.K., Wilson, W.L. Superradiant emission from electron-beam-excited POPOP vapor 8-66820
- Marowsky, G.**, Cordray, R., Tittel, F.K., Wilson, W.L., Collins, C.B. Intense laser emission from electron-beam-pumped ternary mixtures of Ar, N_2 , and POPOP vapor 8-74898
- Marowsky, G.**, Cordray, R.L., Tittel, F.K., Wilson, W.L., Jr., Collins, C.B. High temperature studies of electron-beam pumped argon-nitrogen laser characteristics 8-58984
- Marowsky, G.**, Tittel, F. A technique for studying the absorption, characteristics of electron beam excited gas plasmas by organic dye vapors 8-82948
- Marowsky, G.** see Heudorfer, W. 8-94393
- Marowsky, G.** see Kuhl, J. 8-71109
- Marples, J.A.C.** see Morris, J.B. 8-54852
- Marpoe, G.R., Jr.**, Lander, G.H. Observation of a structural transition from cubic to monoclinic in UO_2 8-75833
- Marquardt, P.** see Bergmann, G. 8-51961, 8-87960
- Marques, F.D.S.** Deformation-induced transformations in metastable β zirconium-based alloys 8-52805
- Marques, G.C.**, Ventura, I. New solutions of a nonlinear classical field theory: a 'charge barrier' mechanism 8-54211
- Marques, G.C.** see Ventura, I. 8-49708
- Marquis, A.H.** see Simoneau, R. 8-84822
- Marquit, E.** Philosophy of physics in general physics courses 8-81791
- Marr, D.**, Palm, G., Poggio, T. Analysis of a cooperative stereo algorithm 8-53413
- Marr, G.R.** see Curtis, A.R. 8-55628
- Marr, G.V.** see McCoy, D.G. 8-90235
- Marr, J.** see Saboungi, M.-L. 8-51705
- Marraco, H.G.**, Forte, J.C. Further observations of stars in the field of the cometary globule NGC 5367 8-93364
- Marriner, J.P.** see Bell, J. 8-54625, 8-93872, 8-93873
- Marriner, J.P.** see Burnett, T.H. 8-89853, 8-89854
- Marris, A.W.** Universal solutions in the hydrostatics of nematic liquid crystals 8-83722
- Marro, J.** see Aizenman, M. 8-54287
- Marrony, R.** see Dejaridin, J.L. 8-63872
- Marrucci, G.** see Acierno, D. 8-71305
- Marrus, R.** Forbidden decay modes of one- and two-electron ions 8-82679
- Marrus, R.** see Dietrich, D.D. 8-82685
- Marsakov, V.A.**, Suchkov, A.A. Distribution of metals among the galactic populations and the evolution of the Galaxy 8-96545
- Marsch, E.** see Gresing, D. 8-56334
- Marshall, C.W.** see Kanninen, M.F. 8-68777
- Marshoff, C.M.**, Jatem, A. On the validity of the BEBO method 8-60981
- Marsden, B.G.**, Roemer, E. Comets in 1974 8-73682
- Marsden, B.G.**, Roemer, E. Comets in 1975 8-73683
- Marsden, J.**, Havill, R.L., Titman, J.M. Nuclear spin relaxation in liquid mercury and the quadrupolar relaxation mechanism 8-64292
- Marsden, J.** see Holmes, P. 8-89336
- Marsden, J.E.** see Hughes, T.J.R. 8-57783
- Marsden, R.S.** see Cooper, W.D. 8-85211
- Marsh, B.D.** On the cooling of ascending andesitic magma 8-65239
- Marsh, B.D.** see Watts, A.B. 8-85528
- Marsh, D.** see Wallis, A.D. 8-51004
- Marsh, F.J.** see Gordon, M.S. 8-82643
- Marsh, J.G.**, Williamson, R.G. Precision orbit computations for Starlette 8-65478
- Marsh, J.G.** see Felsenreger, T.L. 8-61307
- Marsh, J.G.** see Vonbun, F.O. 8-77250
- Marsh, J.G.** see Watts, A.B. 8-85528
- Marsh, K.A.** D_2 spicules and the lower chromosphere 8-65592
- Marsh, L.** see Haus, A.G. 8-69193
- Marsh, N.G.** see de V. Klein, G. 8-65256
- Marsh, S.J.**, Drobot, A.T., Golden, J., Kapetanakis, C.A. Computer simulation studies of strong proton rings 8-67405
- Marshak, L.M.** Experiments on spin dependence at very high energy 8-58203
- Marshak, M.L.**, Peterson, E.A., Ruddick, K., Lesikar, J., Mulera, T., Roberts, J., Klem, R., Talaga, R., Wriekat, A. Polarization in elastic p-p and p-n scattering at 1.03 GeV 8-82245
- Marshak, M.L.** see Biegert, E. 8-93901
- Marshak, M.L.** see Makdisi, Y. 8-78221
- Marshak, M.L.** see Price, L.E. 8-78209
- Marshall, A.N.**, Kulakov, Yu.A. Cyclic strength of precipitation-hardened steel after strain hardening and high-temperature tempering 8-52988
- Marshall, A.S.** see Kharlamov, E.A. 8-75707
- Marshall, A.** see Atkinson, A. 8-92389
- Marshall, A.G.**, Roe, D.C. Dispersion versus absorption: spectral line shape analysis for radiofrequency and microwave spectrometry 8-89511
- Marshall, A.G.** see Roe, D.C. 8-89512
- Marshall, A.J.**, Gillessen, K. Growth of InP crystals by the synthesis, solute diffusion method 8-64454
- Marshall, A.T.** Ion-atomic droplets as models for the investigation of parameters affecting X-ray microanalysis of biological specimens 8-53598
- Marshall, B.J.** see Bailey, W.E. 8-56583
- Marshall, B.R.** see Lin, C.-H. 8-87128
- Marshall, D.B.**, Lawn, B.R. Measurement of nonuniform distribution of residual stresses in tempered glass discs 8-95865
- Marshall, D.B.**, Lawn, B.R., Kirchner, H.P., Gruver, R.M. Contact-induced strength degradation of thermally treated Al_2O_3 8-76731
- Marshall, F.E.**, Stone, E.C. Characteristics of sunward flowing proton and alpha particle fluxes of moderate intensity 8-89016
- Marshall, G.**, Makler, S., Moledo, L. Finite difference and finite element methods for water quality models in estuaries 8-77375
- Marshall, J.F.**, Launay, J. Uplift rates of the Loyalty Islands as determined by $^{230}Th/^{234}U$ dating of raised coral terraces 8-73347
- Marshall, J.H.**, Groer, P.G., Schlenker, R.A. Dose to endosteal cells and relative distribution factors for radium-224 and plutonium-239 compared to radium-226 8-96091
- Marshall, J.K.** see Driscoll, J.N. 8-92561
- Marshall, J.S.**, Radhakant, S. Radar precipitation maps as lightning indicators 8-85652
- Marshall, K.A.** see Hurst, G.S. 8-90025
- Marshall, L.B.** see Leung, K.N. 8-55080
- Marshall, M.** see Douglas, J.A. 8-96099
- Marshall, P.** see Charnock, W. 8-86581
- Marshall, R.** see Barber, D.P. 8-78189
- Marshall, R.A.**, Reichner, P., Slepian, R.M. Current collection systems for pulse power homopolar machines 8-54949
- Marshall, R.K.**, Hann, C.R. Comparative analysis of pellet-cladding interaction from Halden reactor tests 8-86588
- Marshall, R.M.**, Purnell, J.H., Storey, P.D. The mechanism of the pyrolysis of 2,2,3,3-tetramethylbutane 8-92478
- Marshall, S.A.**, Marshall, T., Serway, R.A. Electron spin resonance absorption spectrum of trivalent gadolinium in the oxide $YAlG$ 8-76305
- Marshall, S.A.** see Serway, R.A. 8-91940
- Marshall, T.** see Marshall, S.A. 8-76305
- Marshall, T.C.** see Dixon, D.P. 8-51297, 8-51350
- Marshall, T.C.** see Gilgenbach, R.M. 8-83619
- Marshall, T.C.** see McDermott, D.B. 8-74877
- Marshall, W.** Nuclear power and the proliferation issue 8-86641
- Marsoglu, A.** see Bruck, M.T. 8-86013
- Marson, I.** see Cannizzo, L. 8-85469
- Marston, P.L.** Fourier optical synthesis of Zernike's three-slit interferometer 8-65960
- Marston, P.L.**, Greene, D.B. Stable microscopic bubbles in helium I and evaporation-condensation resonance 8-91381
- Marston, P.L.** see Trinh, E. 8-59860
- Marston, T.U.** see Stahlkopf, K.E. 8-52966
- Marszalek, T.** see Baczynski, A. 8-82961
- Marta, F.** see Seres, L. 8-85188
- Marteau, C.**, Gaillard-Cusin, F., James, H. The exchange reaction between hydrogen and deuterium. I. Importance of surface reactions in the steady-state mechanism 8-85148
- Marteau, C.**, Gaillard-Cusin, F., James, H. The exchange reaction between hydrogen and deuterium. II. Proposal for a heterogeneous initiation mechanism of gaseous phase reactions 8-85149
- Marteau, Ph.** see Fondere, F. 8-62801
- Martel, C.** see Giguere, P.A. 8-70840
- Martel, F.** see Anderson, K.A. 8-85799
- Martel, J.G.** see Terreaux, B. 8-95089
- Martel, P.**, Powell, B.M., Vinhas, L.A. The lattice dynamics of crystalline DNA pyrimidines 8-75766
- Martel, P.** see Woods, A.D.B. 8-91402
- Martell, E.A.** Cancer induction by alpha-emitting warm particles 8-96078
- Martelli, G.** see Christiansen, P. 8-53774
- Martellini, M.**, Reina, C., Treves, A. Klein-Gordon field in a naked-singularity background 8-70274
- Martellini, M.**, Sodano, P. A geometrodynamical approach to the MIT confinement scheme 8-89657
- Martem'yanov, A.N.**, Shtol'ts, E.V., Kaunov, N.G., Pankin, V.B. Asymmetry of partial hysteresis cycles in single-domain materials 8-76268
- Marten, R.F.** see Meissner, J. 8-69179
- Martens, G.**, Rabe, P., Schwentner, N., Werner, A. Improved extended X-ray-absorption fine-structure (EXAFS) studies applied to the investigation of Cu-O, Cu-N and Cu-Br bond lengths 8-52593
- Martens, G.**, Rabe, P., Schwentner, N., Werner, A. EXAFS in photoelectron yield spectra and optimisation of the photon glancing angle 8-80435
- Martens, H.** see van Bockstaele, M. 8-95599
- Martens, W.L.J.** see de Weerd, J.P.C. 8-96038
- Martensson, N.** see Bohman, O. 8-50584

- Marthaler, O.** see Maier, J.P. 8-86905
- Marthinsson, B.** see Eklund, H. 8-92977
- Marthinsson, B.** see Johansson, J. 8-92971
- Marti, C.** see Ceva, T. 8-75498
- Marti, C.** see Suzanne, J. 8-84063
- Marti, K.** see Finkel, R.C. 8-57512
- Martignoni, K.D.** Inhibition of X-ray-induced protection of *Escherichia coli* K-12 cells against the lethal effects of ultra-violet light by nitrofurantoin 8-85342
- Martin, A., Navelet, H.** On the sign of the pomeron flip amplitude 8-50021
- Martin, A., Peschanski, R.** Iteration models and elastic reactions beyond the diffraction peaks 8-93839
- Martin, A.** see Glaser, V. 8-49693
- Martin, A.D.** The kaon-nucleon interaction at low energies 8-70408
- Martin, A.D., Ozmuthu, E.N., Baldi, R., Bohringer, T., Dorsaz, P.A., Hungerbuhler, V., Kienzle-Focacci, M.N., Martin, M., Mermoud, A., Nef, C., Siegrist, P.** A study of isospin 1 meson states using 10 GeV/c K-K⁰ production data 8-50051
- Martin, A.D., Ozmuthu, E.N., Baldi, R., Bohringer, T., Dorsaz, P.A., Hungerbuhler, V., Kienzle-Focacci, M.N., Martin, M., Mermoud, A., Nef, C., Siegrist, P.** A study of A₂ and g resonance production in $\pi^-p \rightarrow K^-K^0p$ 8-82230
- Martin, A.D., Shimada, T., Baldi, R., Bohringer, T., Dorsaz, P.A., Hungerbuhler, V., Kienzle-Focacci, M.N., Martin, M., Mermoud, A., Nef, C., Siegrist, P.** Amplitude and natural-parity-exchange analysis of K⁺p → (K π)⁺p data at 10 GeV/c 8-50053
- Martin, A.J.** Model for hydrogen chemisorption on transition metal surfaces 8-71990
- Martin, A.J., Bilz, H.** Reconstruction of the (001) surface of cubic oxides 8-75922
- Martin, A.M.** see Lutman, M.E. 8-92647
- Martin, A.P.** see Tenny, J.R. 8-76984
- Martin, A.R.** Project Daedalus: the ranking of nearby stellar systems for exploration 8-81522
- Martin, A.R.** Project Daedalus: the evidence for planetary companions of Barnard's star 8-81656
- Martin, A.R., Bond, A.** Project Daedalus: an analysis of the photometric data on Barnard's star, and its implications 8-81657
- Martin, A.R.** see Bond, A. 8-81521, 8-81523
- Martin, B.** see Bosch, F. 8-64911
- Martin, B.G.** see Kramer, G.M. 8-60217
- Martin, B.R., Reinders, L.J.** Mass spectrum of L=1 mesons in the quark shell-model 8-89678
- Martin, B.W.** see Gravas, N. 8-55631
- Martin, C.** see Sarrau, J.-M. 8-86389
- Martin, C.J., O'Connor, D.A.** Anharmonic contributions to Bragg diffraction. I. Copper and aluminium 8-76358
- Martin, C.J., O'Connor, D.A.** Anharmonic contributions to Bragg diffraction. II. Alkali halides 8-76359
- Martin, D.** see Satchler, G.R. 8-58295
- Martin, D.** see Scarr, J.M. 8-54634
- Martin, D.G.E.** see Palmer, D.C. 8-70450
- Martin, D.J., Wender, S.A.** Internal conversion in ¹⁰⁰Tc 8-78313
- Martin, D.J.** see McDonald, A.B. 8-89871
- Martin, D.J.V.** Laser speckle photography measurements of movement and strain in steel structures at temperatures of 20-520°C 8-76797
- Martin, D.L.** Specific heat of platinum below 30K 8-55955
- Martin, D.L.** Specific heat of ordered CuPt below 30K 8-55956
- Martin, D.M., Akinc, M., Shin Moo Oh** Effect of forming and ageing atmospheres on E-glass strength 8-92283
- Martin, D.M., Hallsworth, A.S., Buckley, T.** A method for the study of internal spaces in hard tissue matrices by SEM, with special reference to dentine 8-77169
- Martin, E., Barrow, R.F.** The electronic spectrum of the gaseous AlI molecule 8-62817
- Martin, E.** see Mikkelsen, I.S. 8-61660
- Martin, E.** see Rehberg, K.-J. 8-59718
- Martin, F., Brognino, J., Ricort, G.** Power spectrum determination of a random pattern: comparison between numerical and analogic processing methods 8-58922
- Martin, F.** see Arnold, R.G. 8-62521
- Martin, F.** see Mitchell, G. 8-82945
- Martin, G.** Surface wave filter with weighting of electrode overlap without beam integration 8-51011
- Martin, G.A.** see Fuhr, J.R. 8-74598
- Martin, G.A.** see Younger, S.M. 8-74601
- Martin, G.R., Muntz, W.R.A.** Spectral sensitivity of the red and yellow oil droplet fields of the pigeon (*Columba livia*) 8-80876
- Martin, H.** Low Peclet number particle-to-fluid heat and mass transfer in packed beds 8-94799
- Martin, H.** see Berg, L.-E. 8-78764
- Martin, H.** see Diersch, H.J. 8-90819
- Martin, H.** see Knauth, H.-D. 8-95924, 8-95925
- Martin, I.M.** see Bui-Van, A. 8-57702, 8-85847
- Martin, J., Sanz, J.L.** No-interaction theorem of Currie, Jordan, and Sudarshan. Expansions in c⁻¹ 8-49730
- Martin, J., Sanz, J.L.** Slow motion approximation in predictive relativistic mechanics. I. Approximated dynamics up to order c⁻⁴ 8-86152
- Martin, J.** see Argan, P.E. 8-70512
- Martin, J.** see Bertrand, A. 8-96086
- Martin, J.C.** see Vallat, J.F. 8-80319
- Martin, J.F.** see Caldwell, D.O. 8-54635
- Martin, J.F.** see Feller, J.M. 8-66136
- Martin, J.F.** see Jaros, J.A. 8-50042
- Martin, J.F.** see Osborne, L.S. 8-66267, 8-70381
- Martin, J.F.** see Scharre, D.L. 8-89723
- Martin, J.G., Brown, G.J.** An experiment in undergraduate education: the fusion design team 8-58469
- Martin, J.G.** see Hanley, D.W. 8-81961
- Martin, J.G.** see Luzzi, A. 8-87717
- Martin, J.J.** Organization of action to be taken in the event of a nuclear accident in the nuclear power stations of Electricite de France 8-55049
- Martin, J.M.P.** Monte Carlo method and neutron transport. I 8-86126
- Martin, J.P., Zeiliger, R.** A computer code for on-line peak stabilization 8-74551
- Martin, J.P.** see Azulelos, G. 8-55114
- Martin, J.P.** see Badelek, B. 8-90011
- Martin, J.P.** see Burq, J.P. 8-82569, 8-89741
- Martin, J.W.** see Dowling, J.M. 8-60791
- Martin, J.W.** see Jones, B.K. 8-64698
- Martin, J.W.** see Lloyd, G.J. 8-76720
- Martin, L., Cozannet, A., Boisrobert, C.** Amplitude and group delay distortion measurement in optical fibers, new technique using a link analyzer 8-66940
- Martin, L.J.** see Tovey, S.N. 8-66147
- Martin, L.U.** see Beard, C.I. 8-57272
- Martin, M.** see Baldi, R. 8-50050, 8-50052
- Martin, M.** see Martin, A.D. 8-50051, 8-50053, 8-82230
- Martin, M.C., Arais, S., Choi, K.W.** Elastoresistivity effect in high-purity iron 8-72132
- Martin, M.J.** Nuclear data sheets for A=209 8-89771
- Martin, M.M.** see Breheret, E.F. 8-66588
- Martin, M.S.** see Zigone, M. 8-60468
- Martin, M.T., Hudson, J.B.** Surface diffusion of carbon on (111) platinum 8-71954
- Martin, O.** Analysis of the elastic sandwich plates by the finite element method 8-67046
- Martin, O.** see Berg, W.F. 8-95314
- Martin, P.** Electronic minivoltmeter 8-54408
- Martin, P.** see Buenerd, M. 8-62564
- Martin, P.** see Bunce, G. 8-93878
- Martin, P.** see Edwards, R.T. 8-82393
- Martin, P.** see Heller, K. 8-82253
- Martin, P.** see Willis, A. 8-50184
- Martin, P.G.** see Maza, J. 8-93406
- Martin, P.J., Jaron, D.** New controller for in-series cardiac-assist devices 8-81075
- Martin, P.J., Riecke, G., Hermann, J., Zehnle, L., Kempter, V.** Study of the simultaneous emission of two photons in collisions between neon atoms using photon coincidence techniques 8-70917
- Martin, P.J.** see Hofer, W.O. 8-72656, 8-95628
- Martin, P.J.** see Macdonald, R.J. 8-72672
- Martin, P.J.** see Zehnle, L. 8-66643, 8-82829
- Martin, P.M., Mills, A.A.** Size and shape of near-spherical Allean chondrules 8-65555
- Martin, P.W., Kalfas, C.A., Skov, K.** Helix-random coil transition in polyglutamic acid observed by perturbed angular correlations of gamma rays 8-80828
- Martin, P.W., Kalfas, C.A., Skov, K.** Molecular dynamics of polyglutamic acid studied by perturbed angular correlation of gamma rays 8-94960
- Martin, R., Clarke, G.A.** Fluorescence of benzoic acid in aqueous acidic media 8-50568
- Martin, R.** see Albright, J. 8-61253
- Martin, R.J.** see Miller, B.I. 8-74906
- Martin, R.J., III, Habermann, R.E., Wyss, M.** The effect of stress cycling and inelastic volumetric strain on remanent magnetization 8-88820
- Martin, R.L.** The Argonne heavy ion fusion program 8-50327
- Martin, R.L., Davidson, E.R.** Electronic structure of the sodium trimer 8-70996
- Martin, R.L., Davidson, E.R., Banna, M.S., Wallbank, B., Frost, D.C., McDowell, C.A.** The X-ray photoelectron spectrum of atomic sodium 8-70800
- Martin, R.L., Kowalczyk, S.P., Shirley, D.A.** The relation between satellite peaks in X-ray emission and X-ray photoemission spectra 8-66492
- Martin, R.M.** see Allen, J.W. 8-68029
- Martin, R.M.** see Parr, T.P. 8-90204
- Martin, R.M.** see Wendel, H. 8-59874
- Martin, R.N., Barrett, A.H.** Microwave spectral lines in galactic dust globules 8-57609
- Martin, S.W.** see Sturges, D.J. 8-60847
- Martin, T.H., Johnson, D.L., McDaniel, D.H.** Pulsed power technology for fusion experiments 8-50321
- Martin, T.P.** Infrared absorption in alkali halide molecules, clusters and microcrystals 8-80363
- Martin, T.P.** The structure and vibrational frequencies of ionic clusters 8-94348
- Martin, T.P., Schaber, H.** Matrix isolated alkali halide monomers and clusters 8-66545
- Martin, T.W.** see Beron, B.L. 8-66064, 8-74194
- Martin, W.** see de Vegt, Chr. 8-77514
- Martin, W.** see Edelstein, W.A. 8-86215
- Martin, W.C., Zalubas, R., Hagan, L.** Atomic energy levels—the rare-earth elements 8-86805
- Martin, W.E., Kuizenga, D.J.** The short-pulse oscillator for Shiva 8-63134
- Martin, W.E., Milan, D.** Direct measurement of gain recovery in a saturated Nd-glass amplifier 8-71104
- Martin, W.L., Penfold, J.E., Glass, I.S.** Spectroscopic and photometric observations of three compact galaxies 8-77603
- Martin, W.L.** see Balona, L.A. 8-77559, 8-77560
- Martin, W.W., Sadhal, S.S.** Bounds on transient temperature distribution due to a buried cylindrical heat source 8-75048
- Martin-Bouyer, M.** see Vial, M. 8-92096
- Martin-Garin, L., Martin-Garin, R., Desre, P.** Viscosity of silver and silver-germanium alloys in the liquid state 8-59964
- Martin-Garin, R.** see Martin-Garin, L. 8-59964
- Martin-Rodero, A.** see Flores, F. 8-80035
- Martina, E., Stell, G.** The dielectric constant of a polar fluid of heteronuclear molecules 8-84514
- Martinaitis, A., Sakalas, A.** High temperature investigations of the Hall effect in p-CdSe in selenium vapour atmosphere 8-52014
- Martinaitis, A.** see Hoschl, P. 8-76094
- Martinaitis, A.V., Sakalas, A.P., Januskevicius, Z.V., Viscakas, J.K.** Defect structure of CdSe in selenium vapour 8-64043
- Martincic, R.** see Cvelbar, F. 8-74354
- Martincic, R.** see Likar, A. 8-94004
- Martinek, B.** see Finkel, R.C. 8-57512
- Martinelli, A.P., Turk, B.** Some effects of field orientation on the magnetization of superconducting wires 8-52151
- Martinelli, G.** see Altarelli, G. 8-62367
- Martinelli, G.** see Benzi, R. 8-58124
- Martinet, J.** see Saulnier, J.B. 8-95291
- Martinet, L.** see Magnenat, P. 8-65661
- Martinet, L.** see Mennessier, M.O. 8-61891
- Martinez, A.** see Gracia, A. 8-64891
- Martinez, A.** see Cruz, Martinez, A.
- Martinez, G.** see Thiry, P. 8-84143
- Martinez, G.** see Vassos, B.H. 8-57976
- Martinez, M.J.** see Quintanilla, M. 8-49921
- Martinez Saez, V.** see Tagle, J.A. 8-92150
- Martinez-Duarte, J.M.** see Climent, A. 8-76373
- Martinez-Sanchez, M.** see Shamma, S.E. 8-67316
- Martinez-Val, J.M.** Methods of condensing efficient cross sections for the analysis of nuclear reactors 8-58325
- Martini, J.E.J.** Coesite and stishovite in the Vredefort Dome, South Africa 8-53653
- Martinie, B.** see Brun, M. 8-83944
- Martinis, M.** Comment on an uncorrelated jet model with quantum statistics 8-82172
- Martinis, M., Trampetic, J., Bilic, N.** Vertex corrections in vector-meson photoproduction 8-50039
- Martinis, M.** see Bilic, N. 8-86445
- Martinko, T.M.** see Andrews, J.T.S. 8-75603
- Martino, F.** see Rosenberg, M. 8-88378
- Martinoli, P.** Static and dynamic interaction of superconducting vortices with a periodic pinning potential 8-52170
- Martinon, R.** Estimation of depolarization from the attenuation data for Earth-satellite links at frequencies greater than 10 GHz 8-53689
- Martinot-Lagarde, P.** see Parmar, D.S. 8-94980
- Martinoty, P.** see Kiry, F. 8-87773, 8-95137
- Martinovic, P.** see Stamenkovic, I. 8-68662
- Martins, A.F., Diogo, A.C., Vaz, N.P.** On the critical behaviour of the twist viscosity $\gamma_1(T)$ above the smectic A-nematic transition 8-95136
- Martins, J.M.V., Missell, F.P., Pereira, J.R.** Strain dependence of the Fermi surface in cadmium and rhenium from ultrasonic velocity oscillations 8-84133
- Martins, R. de A.** Length paradox in relativity [for teachers] 8-62015
- Martinson, I.** see Dynefors, B.I. 8-50495
- Martinson, I.** see Hult, S. 8-55228
- Martinson, I.** see Ishii, K. 8-78798
- Martinson, L.K.** see Golaudo, S.I. 8-59259
- Martinson, L.K.** see Malov, Yu.I. 8-63266
- Martinson, P.** see Bowden, G.J. 8-92001

- Martinuzzi, S.**, Oualid, J., Sarti, D., Gervais, J. CdZnS-CdS bifilm solar photocells 8-76113
- Martinuzzi, S.** see Domens, P. 8-67453
- Martinyuk, S.P.**, Motornenko, A.P. Some features of a cold plasma generator 8-67374
- Martire, D.E.** see Boehm, R.E. 8-73919
- Martirosyan, G.S.** see Asatiani, T.L. 8-73598
- Martirosyan, N.A.**, Dolukhanyan, S.K., Mkrtchyan, G.M., Borovinskaya, I.P., Merzhanov, A.G. Refinement processes occurring during the preparation of refractory compounds by self-propagating high-temperature synthesis 8-60634
- Martis, R.J.J.**, Gupta, N., Sankar, S.G., Rao, V.U.S. Temperature compensated magnetic materials of the type $\text{Sm}_x\text{R}_{1-x}\text{Co}_5$ ($\text{R}=\text{Tb, Dy, Er}$) 8-68177
- Martishin, O.V.** see Ivanov, L.I. 8-95775
- Martisoovits, V.** see Kosinar, I. 8-67493
- Martisoovits, V.** see Tegelhofova, M. 8-60992
- Martoch, J.** see Matal, O. 8-54849
- Marton, D.** see Barsonyi, I. 8-84308
- Marton, J.P.** The effect of surface roughness on the optical functions of real metals 8-56447
- Marton, J.P.** Surface anisotropy measurements by ellipsometry 8-56452
- Marton, J.P.**, Jordan, B.D. Plasma and conduction resonance dispersion for bulk and aggregated metals 8-79952
- Martorana, V.** see Ajovalasit, A. 8-87315
- Martovitskii, V.I.** see Gadzhiev, A.Z. 8-90228
- Martres, R.** see Belouet, C. 8-64490
- Martsinovskii, A.M.** see Babanin, V.I. 8-51382
- Martsinovskii, A.M.** see Kaplan, V.B. 8-71551
- Martuscelli, E.** see Costagliola, M. 8-83990
- Martuzan, E.N.** see Avdonin, N.A. 8-52657
- Marty, A.**, Ascher, P. Slow relaxations of acetylcholine-induced potassium currents in *Aplysia* neurons 8-80865
- Marty, C.** see Takigawa, N. 8-62570
- Marty, N.** see Willis, A. 8-50184
- Mart'yanov, A.I.** see Gavrilenko, V.G. 8-50992
- Martyn, H.-U.** see Brandelick, R. 8-62416
- Martynenko, A.N.** see Paderno, V.N. 8-60880
- Martynenko, O.G.**, Myakin, G.V., Popov, V.K., Solodukhin, A.D., Stepanov, S.I. Investigation of certain heat- and mass-transfer parameters in the ocean by an optical method 8-69488
- Martynenko, O.G.**, Pavlyukevich, N.V. On heat conduction problems involving phase transitions in porous bodies 8-94523
- Martynenko, O.G.**, Sokovishin, Yu.A., Shapiro, M.V. Free-convective and radiative heat transfer on a vertical plane surface 8-55645
- Martynenko, O.G.**, Sokovishin, Yu.A., Shapiro, M.V. Freely convective heat transfer at the external surface of a vertical isothermal cylinder 8-83390
- Martynenko, O.G.**, Soloukhin, R.I. Thermo-gas-dynamic control in laser beam guidance 8-74942
- Martynenko, O.G.** see Berezovskii, A.A. 8-79318
- Martynenko, O.G.** see Soloukhin, R.I. 8-75027
- Martynenko, O.G.** see Vatutin, I.A. 8-83475
- Martynenko, S.I.**, Chernogor, L.F. Nonlinear phase distortions of a partially reflected signal 8-69573
- Martynenko, V.G.**, Kovalenko, V.A., Pershin, V.L., Grishin, S.G., Chernyshenko, V.Ya. LAF-160 nitrogen forevacuum trap 8-86281
- Martynenko, Yu.G.**, Savchenko, T.A. Resonant motion of a gyroscope with a contactless suspension on a vibrating support 8-51054
- Martynenko, Yu.G.** see Belitskii, A. 8-62072
- Martynenko, Yu.V.** see Busharov, N.P. 8-79649
- Martynov, A.I.** see Ivanov, N.M. 8-69640
- Martynov, E.B.** see Volkov, S.S. 8-86751
- Martynov, G.A.**, Starov, V.M., Churaev, N.V. Hysteresis of the contact angle at homogeneous surfaces 8-51793
- Martynov, G.I.** see Getselov, Z.N. 8-84790
- Martynov, M.V.**, Timchenko, I.E. Algorithm of the joint processing of observational series 8-65421
- Martynov, S.N.**, Sadreev, A.F. Temperature dependent properties of the dynamics of a two-level system interacting with a radiation field 8-66793
- Martynov, V.B.** see Bakhranova, N.P. 8-52733
- Martynov, V.V.** see Alexeev, V.Z. 8-54721
- Martynova, N.G.**, Khlystov, A.Z., Khorsheva, M.I., Shashkov, V.M. Reference electrode for automated hydrochemical measurements 'in situ' 8-65430
- Martynova, T.P.** see Florov, V.K. 8-85072
- Martynovich, T.L.** Exact solution of problem of deflection of an anisotropic plate with an aperture 8-94598
- Martynyuk, A.A.**, Radzishvskii, B. On the theory of stability of motion 8-62068
- Martynyuk, A.A.** see Mitropol'skii, Yu.A. 8-86147
- Martynushenko, A.A.** see Keskyula, A.Yu. 8-85111
- Martz, L.M.** see Sanders, S.J. 8-50066
- Marubashi, K.** Geomagnetic storm effects on the thermosphere and the ionosphere revealed by in situ measurements from OGO 6 8-85754
- Marubayashi, K.** see Yoshida, Y. 8-86732
- Marucci, G.** see Cavallini, F. 8-54828
- Maruhn, J.A.**, Cusson, R.Y., Meldner, H.W. Time-dependent Hartree-Fock Theory: Application to the $^{14}\text{N}+^{12}\text{C}$ reaction 8-54709
- Maruhn-Rezwani, V.** see Davies, K.T.R. 8-82374
- Marumo, E.**, Suzuki, K., Sato, T. A turbulent boundary layer disturbed by a cylinder 8-67188
- Marumori, T.** see Iwasaki, S. 8-54683
- Marumori, T.** see Sakata, F. 8-54687
- Maruo, T.** see Makino, Y. 8-57997
- Marupov, N.Z.** see Schilling, K.D. 8-62505
- Marusii, T.Ya.** see Kravchenko, V.I. 8-59051
- Marusin, V.V.** see Aleksandrov, V.V. 8-92473
- Maruyama, K.** see Arai, I. 8-74347
- Maruyama, M.**, Nanba, T., Ikezawa, M. Two-photon optical absorption in CuCl and CuBr crystals 8-52485
- Maruyama, M.** see Ikezawa, M. 8-60462
- Maruyama, M.** see Sugai, H. 8-59586
- Maruyama, S.**, Waho, T., Ogawa, S. Surface structure of $\text{GaAs}_{1-x}\text{Sb}_x$ grown by molecular beam epitaxy 8-87847
- Maruyama, T.** see Imazu, S. 8-67522
- Maruyama, T.** see Whitmore, J. 8-74289
- Maruyama, X.K.** see Szalata, Z.M. 8-50144
- Maruyama, Y.**, Iida, N., Horikawa, A., Hosoya, E. A new microwave device for rapid thermal fixation of the murine brain 8-92689
- Maruyama, Y.**, Yamada, T. Charge-carrier mobility differences in amorphous and crystalline violanthrene-A films 8-60125
- Maruyama, Y.** see Tokizane, M. 8-76650
- Maruyama, Y.** see Yurugi, T. 8-56054
- Marvakov, D.I.** see Bashenov, V.K. 8-79687, 8-91297
- Marvin, A.** see Bortolani, V. 8-80032
- Marvin, A.M.**, Toigo, F. Optical emission from rough surfaces irradiated by charged particles 8-60529
- Marvin, A.M.**, Toigo, F. The extinction theorem in atom-surface scattering 8-88393
- Marvin, U.B.** see Ryder, G. 8-65519
- Marwick, A.D.** Segregation in irradiated alloys: The inverse Kirkendall effect and the effect of constitution on void swelling 8-91472
- Marx, B.R.**, Allen, L. The wavelength dependence of the polarisation selection rules of the 3s-5s two-photon transition in atomic sodium 8-86836
- Marx, G.E.** see Betts, G.E. 8-83114
- Marx, K.D.** see Cordey, J.G. 8-78491
- Marx, M.D.** see Carroll, A.S. 8-89757
- Marx, R.** A simple and accurate new method to measure specific heat at arbitrary temperature (quotient method) 8-62202
- Marx, R.** see Gerard, M. 8-50632
- Marx, R.S.** see Thrall, J.H. 8-65119
- Marx, U.** see Berndt, K. 8-52625
- Marxer, H.** see Hafner, S. 8-56405
- Mar'yasin, B.Ya.** see Perepetchko, I.I. 8-88492
- Marynick, D.S.**, Dixon, D.A. Estimate of the inversion barrier in SbH_3 8-78615
- Marynick, D.S.** see Bicerano, J. 8-74581
- Marynov, A.M.** Diffraction of an arbitrary cylindrical light beam on a wideband ultrasonic signal 8-50698
- Marysko, M.** The influence of electromagnetic propagation on ferromagnetic resonance in an infinite cylinder 8-64277
- Marz, J.L.** see Rauch, H.E. 8-83274
- Marzari-Chiesa, A.** see Enriquez, O. 8-82195
- Marzat, C.** see Delbos, G. 8-92018
- Marzat, C.** see Le Petit, J.P. 8-72459
- Marzo, C.** De see Marzoc, C.
- Marzocchi, M.P.** see Angeloni, L. 8-60444
- Marzwell, N.I.** see Lee, T.C. 8-90391
- Masaike, A.** see Hiramatsu, S. 8-90046
- Masaike, A.** see Isagawa, S. 8-86708
- Masaki, M.** Development of an absolute radiometer 8-54422
- Masaki, S.** see Usami, H. 8-80860
- Masalov, V.L.** see Koshilev, N.A. 8-58033
- Masal'skaya, N.A.** see Bogomolova, L.D. 8-88180
- Masamura, T.** see Fujii, Y. 8-81362
- Masanet, J.**, Lalo, C., Durand, G., Vermeil, C. Radiative lifetimes of the $b^1\Sigma^+$ state of NH , ND radicals 8-90217
- Masarik, V.** see Pitter, J. 8-91486
- Mascarenhas, R.** see Prasad, B.S.N. 8-54125
- Mascarenhas, S.** see Onsager, L. 8-67821
- Mascarenhas, S.** see Schiel, D. 8-49584
- Mascart, P.**, Guillemet, B., Isaka, H. Interfacial gravity waves marginally unstable in the planetary boundary layer 8-92888
- Maschio, A.** see Marchesi, G. 8-87549
- Maschke, A.W.** see Haber, I. 8-50328
- Maschke, E.** see Adam, J. 8-71473
- Maschke, K.** see Baldereschi, A. 8-59875
- Maschuw, R.** see Berger, C. 8-62414, 8-89725
- Maschuw, R.** see Dobiasch, H. 8-62538
- Mascia, L.** Antiplasticization of poly(vinyl chloride) in relation to thermal ageing and non-linear viscoelastic behaviour 8-52929
- Masclé, J.** see Sibuet, J.-C. 8-85527
- Masclet, P.**, Mouvier, G. Photoelectron spectral investigation of conjugated ethylenic aldehydes and ketones 8-90215
- Mase, K.** see Amemiya, Y. 8-88774
- Mase, K.** see Hashizume, H. 8-62283
- Masejova, A.**, Fresnajer, P. The multiplicity distribution in proton-proton collisions at high energy 8-89753
- Masek, J.** see Bartosek, J. 8-86749
- Masek, K.** see Laska, L. 8-87560
- Masel, R.I.** On the Debye-Waller factor for atom-surface scattering 8-92164
- Masenko, B.P.** see Kovalenko, V.F. 8-72596
- Maser, J.** see Abermann, R. 8-91572
- Maseri, A.** see Marchesi, C. 8-85436
- Maserjian, J.** see Grunthaler, F.J. 8-95824
- Masetti, N.** see Grinberg, J. 8-79141
- Mash, D.H.**, Ross, P.W. Solar eyeball: an automatic sun-tracking concentrator for use with photovoltaic generators 8-66881
- Masharipov, R.** see Verigin, N.N. 8-77279
- Mashchenko, A.I.** see Virnik, Ya.Z. 8-59001
- Mashelkar, R.A.** see Acharya, A. 8-75184
- Mashelkar, R.A.** see Nicolais, L. 8-94596
- Mashelkar, R.A.** see Shenoy, A.V. 8-67225, 8-83436
- Mashelkar, R.A.** see Shintre, S.N. 8-63458
- Mashhoon, B.** On tidal resonance 8-93089
- Mashio, T.** see Ehara, S. 8-64058
- Mashiya, K.T.**, Mori, H. Origin of the Landau-Lifshitz hydrodynamic fluctuations in nonequilibrium systems and a new method for reducing the Boltzmann equation 8-81929
- Mashkova, E.S.** see Balashova, L.I. 8-88399
- Mashkova, E.S.** see Borisov, A.M. 8-56554
- Mashlyatina, T.M.**, Nedzvetskii, D.S., Sel'kin, A.V. Emergence of optical activity in exciton spectra of reflection of $\beta\text{-AgI}$ crystals 8-64380
- Mashovets, D.V.** see Mozhaev, E.A. 8-72177
- Mashovets, T.V.** see Dostkhodzhaev, T.N. 8-71759
- Mashovets, T.V.** see Vitovskii, N.A. 8-51937
- Masi, F.** see Placioso, R.C. 8-69198
- Masi, J.V.** see Catalano, A. 8-64066
- Masin, A.**, Straka, B. The influence of neutron radiation on the origin of delayed fractures in martensitic high-strength steel 8-67743
- Masin, A.**, Straka, B. The influence of neutron radiation on martensite ageing 8-84859
- Maslakov, S.B.** see Tominskii, V.S. 8-56665
- Maslen, E.N.** see Davis, C.L. 8-55774, 8-91195
- Maslenkov, S.B.** Alloying and heat treatment of heat-resistant alloys 8-95758
- Maslenkov, S.B.** see Klypin, B.A. 8-56600
- Maslennikov, A.I.** see Lyubimova, E.A. 8-92817
- Maslennikov, I.I.** see Zamurayev, V.P. 8-91030
- Maslennikov, N.V.** see Boos, E.G. 8-62530
- Masliyah, J.H.**, Shook, C.A. Two-phase laminar zero net flow in a circular inclined pipe 8-83457
- Maslov, A.M.** see Klypin, B.A. 8-56600
- Maslov, B.P.** Elastic properties of materials reinforced by anisotropic short fibres 8-59304
- Maslov, E.M.** see Karpman, V.I. 8-86197
- Maslov, L.A.**, Arkhinov, V.I. Directivity pattern of radiation from a crack 8-87305
- Maslov, L.A.**, Shchigrin, B.N. General principles of action of cracks as radiators of elastic waves and how their parameters are related to the characteristics of the acoustic emission signals 8-60952
- Maslov, L.A.** see Arkhipov, V.I. 8-83347
- Maslov, L.I.**, Arita, M. Kinetics of fatigue crack propagation in steels, Ti and Ni alloys 8-68804
- Maslov, L.I.** see Ivanova, V.S. 8-56733
- Maslov, N.P.** see Matveev, V.A. 8-75092
- Maslov, V.G.** Burning-out of gaps in absorption spectra of solutions of photosensitive complexes of porphyrins with pyridine ions at 4.2 K 8-53232
- Maslov, V.G.** Program for carrying out calculations by the CNDO method for molecular systems including up to 232 orbitals 8-86788
- Maslov, V.N.** Semiconducting periodic structures: a new class of semiconducting materials 8-51982
- Maslov, V.V.** see Ovsienko, D.E. 8-71692
- Maslov, Yu.N.** Instrument for measuring the components of a complex magnetic reluctivity 8-54412
- Maslova, L.V.** see Kushniruk, V.F. 8-86745
- Masyak, N.T.** see Freik, D.M. 8-95702
- Masyannikov, F.E.** see Roitburd, I.A. 8-76814
- Masyli, A.I.**, Pirogov, B.Ya. Crystallization impedance in the case of D.C. superposition 8-51844
- Masyuk, V.A.** see Pilyankevich, A.N. 8-60610
- Masnou, J.L.** see Bucchini, R. 8-85966
- Masnou, J.L.** see Quenzer, A. 8-70370
- Masnou, J.L.** see Swannenburg, B.N. 8-93454

- Masnou, J.-L.** The origin of galactic gamma rays 8-85776
- Masnou-Seeuws, F.**, Philippe, M., Valiron, P. Model-potential calculations on the molecular system NaNe 8-78776
- Masero, A.** *see* Celasco, M. 8-56244, 8-56245
- Masoli, F.** *see* Cecchetti, A. 8-91888
- Mason, B.F.**, Williams, B.R. Atomic beam spectrometer using a LiF analyzer crystal 8-71651
- Mason, B.F.**, Williams, B.R. Scattering of He and Ne atoms from (001) Cu at 20K 8-80451
- Mason, B.J.** The atmospheres of the planets 8-69719
- Mason, B.J.** Recent advances in the numerical prediction of weather and climate 8-96276
- Mason, B.J.** *see* Choularton, T.W. 8-85662
- Mason, D.** *see* Berry, D. 8-69952
- Mason, D.C.** Computer-assisted measurement of replicon autoradiograms 8-92692
- Mason, D.P.**, McIlroy, D.K. The distribution function for stretched dipoles in an applied electric field 8-64851
- Mason, E.A.**, Khalifa, H.E., Kestin, J., DiPippo, R., Dorfman, J.R. Composition dependence of the thermal conductivity of dense gas mixtures 8-51276
- Mason, E.A.**, Viehland, L.A. Statistical-mechanical theory of membrane transport for multi-component systems: Passive transport through open membranes 8-67261
- Mason, E.A.** *see* Boushehri, A. 8-51269
- Mason, E.A.** *see* Greene, E.F. 8-80448
- Mason, E.A.** *see* Maitland, G.C. 8-91051
- Mason, E.A.** *see* Viehland, L.A. 8-71422
- Mason, G.C.** *see* Tovey, S.N. 8-66147
- Mason, G.R.** The application of the absorption-edge technique to broadened pionic X-ray lines 8-70976
- Mason, H.E.**, Bhatia, A.K. Theoretical intensity ratios for the UV lines of Mg VII, Si IX and S XI 8-90108
- Mason, H.E.** *see* Kastner, S.O. 8-69759
- Mason, I.M.** The impact of optical and acoustic integration in high speed signal processing—an overview 8-51012
- Mason, J.A.** *see* Hertzberg, R.W. 8-52993
- Mason, J.B.** Optical Fourier transform analysis of satellite cloud imagery 8-85749
- Mason, J.H.** Discharges [solid insulation, electric strength and degradation and gas discharges] 8-83631
- Mason, J.L.**, Boys, J.T., Kay, L. A continuous wave, frequency modulated, ultrasonic device with auditory output for observing the heart 8-61230
- Mason, J.L.** *see* Boys, J.T. 8-87221
- Mason, J.P.** *see* Soffield, C.J. 8-58799
- Mason, K.O.**, Murdin, P.G., Parkes, G.E., Visvanathan, N. The optical counterpart of GX 304-1 8-93471
- Mason, K.O.** *see* Bailey, J.A. 8-65657
- Mason, K.O.** *see* Branduardi, G. 8-96568
- Mason, K.O.** *see* Charles, P.A. 8-65722
- Mason, K.O.** *see* Parkes, G.E. 8-93472
- Mason, K.O.** *see* White, N.E. 8-77621, 8-81711, 8-96566
- Mason, P.**, Hasan, H., Valis, M. Spontaneous firing of hypothalamic neurones over a narrow temperature interval 8-56961
- Mason, P.** *see* Barden, J.A. 8-69021
- Mason, P.** *see* Hasan, H. 8-92668
- Mason, P.** *see* Stenbacka, R. 8-54645
- Mason, P.J.**, Sykes, R.I. On the interaction of topography and Ekman boundary layer pumping in a stratified atmosphere 8-73486
- Mason, P.J.**, Sykes, R.I. A simple Cartesian model of boundary layer flow over topography [atmospheric application] 8-92904
- Mason, P.J.** *see* Hide, R. 8-90911
- Mason, P.R.**, Nathoo, V. Characteristics derived from transient current measurements in thin RF sputtered Al₂O₃ films 8-52113
- Mason, P.V.** *see* Tward, E. 8-93712
- Mason, R.L.** *see* Skeiber, S.C. 8-87200
- Mason, R.W.** *see* Krause, P.F. 8-72502
- Mason, S.G.** *see* Kuroda, R. 8-74725
- Mason, S.G.**, Lee, E.J. Why not make better lecture slides? 8-54139
- Mason, S.G.** *see* Bayramli, E. 8-63899, 8-84032
- Mason, S.G.** *see* Okagawa, A. 8-76374
- Mason, W.P.**, Marfurt, K.J., Beshers, D.N., Kuo, J.T. Internal friction in rocks 8-65268
- Masonis, A.** *see* Domarkas, V. 8-59241
- Masounave, J.** *see* Bailon, J.P. 8-92341
- Masovic, D.R.**, Zekovic, S. Model pseudopotential for aluminium 8-91582
- Masper, L.**, Ungkitchanukit, A., Roberto, V., Ungkitchanukit, A. Renormalization of the pomeron intercept in Reggeon field theory on a transverse lattice 8-93823
- Masri, P.**, Djafari-Rouhani, B., Dobrzynski, L. Lattice dynamics of interfaces. Localized, resonant and antiresonant modes 8-71938
- Mass, C.**, Schneider, S.H. Statistical evidence on the influence of sunspots and volcanic dust on long-term temperature records 8-69439
- Massa, I.** *see* Bertin, A. 8-55259
- Massa, N.E.**, Vetelino, J.F., Mitra, S.S. Lattice dynamics of mixed alkali halide crystals 8-75761
- Massalas, C.**, Soldatos, K. Free vibrations of a beam subjected to elastic constraints 8-83309
- Massalas, C.**, Soldatos, K. Comments on free vibration of a circular cylindrical panel 8-83315
- Massalas, C.** *see* Lakshmanan, M. 8-90756
- Massalski, T.B.**, Perepezko, J.H. Single crystal growth during massive transformations 8-56629
- Massalski, T.B.** *see* Mizutani, U. 8-71868, 8-83969
- Massalski, T.B.** *see* Rose, R.L. 8-78458
- Massam, T.** *see* Basile, M. 8-70416, 8-74240
- Massarani, B.**, Bourgoin, J.C., Chrenko, R.M. Hopping conduction in semiconducting diamond 8-51994
- Massarani, B.** *see* Bourgoin, J. 8-88369
- Massardier, J.** *see* Bertolini, J.-C. 8-95952
- Massaro, D.W.**, Ildson, W.L. Temporal course of perceived vowel duration 8-77065
- Massaro, E.**, Scarsi, L. On the identification of celestial γ -ray sources 8-73775
- Massaro, E.** *see* Bucheri, R. 8-81646
- Massaro, E.** *see* Carusi, A. 8-96420
- Massaro, E.** *see* Salvati, M. 8-65641
- Massaro, G.G.G.** *see* Dionisi, C. 8-89735
- Massaro, G.G.G.** *see* Gavillet, P. 8-70409
- Massaro, G.G.G.** *see* Gavillet, Ph. 8-89736
- Massaro, G.G.G.** *see* Jongejans, B. 8-78177
- Massaro, G.G.G.** *see* Kluyver, J.C. 8-82233
- Massaro, G.G.G.** *see* Teodoro, D. 8-89767
- Massat, H.** *see* Bastide, J.P. 8-83973
- Massaux, M.** *see* Fauvet, G. 8-51524
- Masse, D.** *see* Prablanc, C. 8-61175
- Masse, G.**, Aicardi, J.P., Leyris, J.P. Study of the yellow emission of natural α -HgS 8-68567
- Masse, R.** *see* Boudjada, A. 8-91315
- Massen, C.H.** *see* Kodde, L. 8-81038
- Massenet, O.** Conversion electron Mossbauer spectroscopy down to 4.2K, applications to thin film and surface studies 8-84504
- Massenet, O.**, Buder, R., Since, J.J., Schlenker, C., Mercier, J., Kelber, J., Stucky, D.G. BaVS₃, a quasi one dimensional ferromagnet of antiferromagnet depending on stoichiometry 8-52233
- Masserini, G.** *see* de Michelis, C. 8-84018
- Masserini, G.L.** *see* de Michelis, C. 8-71896
- Massey, G.A.**, Jones, M.D., Johnson, J.C. Generation of pulse bursts at 212.8 nm by intracavity modulation of an Nd:YAG laser 8-74934
- Massey, G.A.**, Plummer, B.P., Johnson, J.C. A high repetition rate ion laser spanning the 195-225 nm spectral region 8-82980
- Massey, G.A.**, Shanmuganathan, K. Nonlinear interferometers for laser pulse shaping 8-59097
- Massey, G.A.**, Shanmuganathan, K. Nonlinear interferometers for laser pulse shaping 8-79051
- Massey, G.A.** *see* Johnson, J.C. 8-82031
- Massey, J.S.** *see* Hart, F.X. 8-62000
- Massey, R.S.**, Pietrzyk, Z.A., Scudler, D.W. Observations of stimulated Brillouin backscattering from a magnetically confined plasma 8-51307
- Massey, R.S.** *see* Pietrzyk, Z.A. 8-71511
- Massidda, V.** Internal fields and ferroelectric ordering in potassium ferrocyanide trihydrate 8-76406
- Massie, N.A.**, Nelson, R.D. Beam quality of acousto-optic frequency shifters 8-79127
- Massies, J.**, Devoldere, P., Linh, N.T. Silver contact on GaAs (001) and InP (001) 8-95361
- Massig, J.H.** Light scattering from thermal density fluctuations using a CW-CO₂-laser and heterodyne detection 8-59677
- Massignon, D.** *see* Frejaques, C. 8-66361
- Massih, A.R.** *see* Naghizadeh, J. 8-56949
- Massimo, F.M.** *see* Bahar, L.Y. 8-93527
- Massimo, J.T.** *see* Cutts, D. 8-78380, 8-89746
- Massmann, H.** *see* Krappe, H.J. 8-58303
- Massmann, P.**, De Haan, P.H., Goede, A.P.H., Hopman, H.J. Microinstabilities in an inhomogeneous ion-beam plasma system 8-91122
- Masson, C.R.** Are 4C radio sources clustered? 8-96556
- Masson, H.** Solid circulation studies in a gas solid fluid bed 8-79359
- Massot, M.** *see* Teng, M.K. 8-68464
- Massue, Zh.P.** *see* Batusov, Yu.A. 8-89855
- Mast, G.B.** *see* Decius, J.C. 8-70875
- Mast, P.W.** *see* Mulville, D.R. 8-92344
- Mast, T.S.** *see* Buffington, R. 8-81512
- Masterov, V.F.** *see* Il'in, N.P. 8-88201
- Masters, B.J.**, Gorey, E.F. Proton-enhanced diffusion and vacancy migration in silicon 8-67747
- Masters, R.** BNFL gets going again on Thorp 8-82497
- Masterson, K.D.** *see* Sari, S.O. 8-56532
- Masterson, R.E.**, Wolf, L. COBRA-IIIP: An improved version of COBRA for full-core light water reactor analysis 8-82417
- Masterson, T.** *see* Auld, E.G. 8-78382
- Mastikhin, V.M.**, Bogdanov, S.V., Darvold, T.I., Lisitskii, I.S., Sapozhnikov, V.K., Sheloput, D.V. Acousto-optical characteristics of KRS-5 single crystals 8-71165
- Mastin, C.W.**, Thompson, J.F. Transformation of three-dimensional regions onto rectangular regions by elliptic systems 8-55624
- Mastin, C.W.**, Thompson, J.F. Elliptic systems and numerical transformations 8-65780
- Mastryukov, A.F.**, Synakh, V.S. Numerical simulation of the self-focusing of wave packets in a medium with striction nonlinearity 8-83042
- Masuda, C.**, Nishijima, S. Fatigue fractographs of some heat-treated steels for lower da/dN values 8-52959
- Masuda, C.**, Nishijima, S. Quantitative analysis of fatigue fractographs for some heat treated steels 8-92335
- Masuda, C.** *see* Nishijima, S. 8-52950
- Masuda, K.** Chemisorption on a model transition metal. Coverage dependence of the adsorption behaviour 8-71976
- Masuda, K.**, Sato, A. Electronic theory for screw dislocation in BCC transition metals: Calculation of the Peierls stress and the core energy 8-71737
- Masuda, K.** *see* Gamo, K. 8-75683
- Masuda, K.** *see* Kawabe, M. 8-76779, 8-83122
- Masuda, K.** *see* Kubota, S. 8-60521
- Masuda, K.** *see* Murakami, K. 8-68377
- Masuda, S.**, Mizuno, A. Flashover measurements of back discharge 8-59708
- Masuda, T.**, Murata, Y., Yamanaka, H., Kondo, M. Transient absorptions over the range 600-800 nm observed in flash-photolysis of aqueous solutions of indole 8-53228
- Masuda, T.**, Murata, Y., Yamauchi, K., Kondo, M. Photoreduction of ferricytochrome c in the presence and absence of electron-donor 8-53337
- Masuda, T.** *see* Imai, S. 8-83624
- Masuda, T.** *see* Kusaka, Y. 8-55756, 8-59688
- Masuda, Y.**, Aoki, K.-I. Two types of island arc tholeiite in Japan 8-96206
- Masuda, Y.** *see* Matsui, K. 8-52156
- Masuda, Y.** *see* Sugimoto, K. 8-50126
- Masuhara, E.** *see* Yamashita, S. 8-96115
- Masuhara, H.**, Saito, T., Maeda, Y., Mataga, N. Dynamic behaviour of excited charge transfer systems in polar solvents 8-58772
- Masui, T.** *see* Kasai, T. 8-64843
- Masui, T.** *see* Sasaki, A. 8-63146
- Masuko, H.** *see* Morioka, Y. 8-70846
- Masuko, H.** *see* Takakusa, M. 8-82962
- Masumi, T.** *see* Komiya, S. 8-67958
- Masumi, T.** *see* Takayanagi, H. 8-62211
- Masumoto, H.**, Hinai, M., Murakami, Y. The influence of sheet thickness and heat treatment on the magnetic properties of Hardperm alloys in the Ni-Fe-Nb system 8-76772
- Masumoto, H.**, Murakami, Y., Nakamura, N. On the properties of semihard magnetic alloys 'Recalloy' in the Fe-Nb system 8-56660
- Masumoto, H.**, Nakamura, N. Effect of heat treatment on the strain gauge factor of the Fe-Cr-Co system 8-72802
- Masumoto, H.**, Sawaya, S., Hinai, M. Damping capacity of Gentalloy in the Fe-Co alloys 8-52875
- Masumoto, H.**, Sawaya, S., Hinai, M. Damping capacity of gentalloy in the Fe-Co alloys 8-72800
- Masumoto, H.**, Sawaya, S., Kikuchi, M. Elinvar properties of Mn-Pt alloys 8-76684
- Masumoto, H.**, Watanabe, K., Mitera, M. On the DO₂₂-type alloys in the Mn-Ga system and their magnetic properties 8-59784
- Masumoto, H.**, Watanabe, K., Mitera, M. Equilibrium diagram of Mn-Ga binary alloys 8-76634
- Masumoto, H.** *see* Sakai, K. 8-70203
- Masumoto, I.** *see* Ebara, R. 8-53023
- Masumoto, K.** *see* Nakatani, I. 8-76227, 8-84109
- Masumoto, T.** *see* Fukamichi, K. 8-91922
- Masumoto, T.** *see* Hayakawa, S. 8-61925
- Masumoto, T.** *see* Inoue, A. 8-59764
- Masumoto, T.** *see* Inoue, A. 8-84862
- Masumoto, T.** *see* Iwasaki, H. 8-95001
- Masumoto, T.** *see* Kikuchi, M. 8-76291
- Masumoto, T.** *see* Naka, M. 8-72925, 8-80678
- Masumura, R.A.**, Glicksman, M.E. The elastic energy of interacting edge dislocations in an infinite array 8-55871
- Masuoka, H.** *see* Yozizane, M. 8-83927
- Masuoka, T.**, Kitamura, K., Oshio, T., Nishi, M., Onuki, H., Ejiri, A., Morioka, Y., Nakamura, M. Absolute photon flux and angular distribution of the Tokyo synchrotron radiation in the vacuum ultraviolet 8-66731
- Masur, E.F.** Optimal design of symmetric structures against postbuckling collapse 8-51100

- Masur, E.F.** Some remarks on the optimal choice of finite element grids 8-77698
- Masurenko, I.P.** *see* Zaleskii, V.V. 8-76815, 8-95894
- Masutani, M.** *see* Abe, R. 8-65896
- Masuyama, T., Kawashima, T.** On lower critical Reynolds number of non-Newtonian fluid flow 8-87363
- Masuzawa, N.** *see* Ide, M. 8-61227
- Maszkiewicz, M.** Specific heat of high purity nickel single crystal near the critical temperature 8-64212
- Maszkiewicz, M.** Fluctuations of magnetic moment and the specific heat of an antiferromagnet near the critical temperature 8-91867
- Mataga, N.** *see* Masuhara, H. 8-58772
- Matal, O., Andel, J.** Pressure and temperature load of liquid sodium heated modular steam generators in breakdown situation 8-50264
- Matal, O., Martoch, J., Taraba, O., Hanke, V.** Accident signalling of steam generators at nuclear power stations with sodium-cooled fast reactors. II. Measuring acoustic spectra resulting from the reaction of sodium and water as a method of leak detection in steam generators heated with liquid sodium 8-54849
- Matas, V.** A geometric property of Hill's curves 8-77474
- Matasova, L.M.** *see* Riznichenko, Yu.V. 8-61583
- Matassov, G.** *see* Ross, M. 8-66859
- Mataya, M.C., Fournelle, R.A.** Fatigue behavior of a NiAl precipitation hardening medium carbon steel 8-84983
- Matcha, R.L., Milleur, M.B.** Theoretical studies of hydrogen rare gas complexes. II. Ne_nH and Ne_nH^+ clusters 8-66704
- Matcha, R.L., Pettitt, B.M., Meier, P.F., Pendergast, P.** Potential energy surface for the collinear reaction of Ne and HeH^+ 8-92467
- Matecki, M., Thomy, A., Duval, X.** Critical and triple point temperatures of the first adsorbed layer of nitric oxide on graphite, boron nitride and lamellar halides 8-91548
- Matecki, M.** *see* Suzanne, J. 8-84063
- Mateescu, C.** *see* Landauer, O. 8-85028
- Mateescu, Gh.** The Compton effect in the multi-channel collimated scintigraphy 8-69182
- Mateescu, N.** *see* Padureanu, I. 8-67639
- Mateev, V.P., Stoyanova, N.N., Dimitrov, D.L., Gaitandzhiev, I.M.** Hardness of nickel coating obtained from a sulphamate electrolyte 8-88552
- Mateja, J.F., Medsker, L.R., Fortune, H.T., Middleton, R., Moore, G.E., Coburn, M.E., Mordechaj, S., Zumbro, J.D., Brown, C.P.** $^{76}\text{Ge}(t,p)^{78}\text{Ge}$ reaction [^{78}Ge structure] 8-78266
- Mateja, J.F.** *see* Frawley, A.D. 8-89901
- Maten, G.** *ter see* ter Maten, G.
- Mateos, F.** *see* Aguilar, M. 8-50733
- Mateos, F.** *see* Oliva, J. 8-50732
- Mateos, J.** *see* Boya, L.J. 8-78062
- Mateosian, E.** *der see* der Mateosian, E.
- Matera, M., Salimbeni, R.** Gain saturation effects in a superradiant XeF laser 8-66808
- Mates, J.W.B.** Eye movements of African chameleons: spontaneous saccade timing 8-69053
- Matese, J.J.** *see* Henry, R.J.W. 8-55247
- Matey, J.R., Anderson, A.C.** Phonon propagation in glassy metals 8-87756
- Matey, J.R.** *see* Roth, E.P. 8-73999
- Mathelin, J.P., Suzeau, P., Lamalle, B., Chanutot, J.** Experimental study of the displacement of the $J=13$, $K=13$ inversion line of $^{14}\text{NH}_3$ as a function of the gas pressure 8-70815
- Mathelitsch, L., Zingl, H.F.K.** Relations between the deuteron form factors and the wave functions 8-70462
- Mather, G.K.** An analysis of a possible crop response to hail suppression seeding: The Nelspruit hail suppression project [South Africa] 8-57257
- Mather, R.** *see* Stewart, R.H. 8-77337
- Mather, R.S.** On the realization of a system of reference in four dimensions for ocean dynamics 8-77176
- Mathers, C.D., Cramer, N.F.** The effect of ionization and recombination on the resistivity of a partially ionized plasma in a magnetic field 8-63545
- Mathers, W.G.** *see* Banerjee, S. 8-94528
- Matheson, D.N.** *see* Little, L.T. 8-54023, 8-65675
- Mathew, M., Rao, K.V.C., Sastri, V.M.K.** Temperature measurement in rotating systems 8-73991
- Mathews, J.** Drag force on a slowly moving sphere in a medium with variable viscosity 8-67173
- Mathews, J.D.** *see* Tepley, C.A. 8-88957
- Mathews, M.D.** *see* Momin, A.C. 8-83979
- Mathews, M.V.** *see* Atal, B.S. 8-69110
- Mathews, W.G., Bregman, J.N.** Radiative accretion flow onto giant galaxies in clusters 8-93433
- Mathewson, D.S., Schwarz, M.P., Murray, J.D.** The Magellanic Stream: the turbulent wake of the Magellanic Clouds in the halo of the Galaxy 8-69884
- Mathey, D.G.** *see* Decoodt, P.R. 8-80940
- Mathez, G.** Evolution of the luminosity function of quasars. A model with constant density and luminosity evolution. II 8-86035
- Mathias, L.J.** *see* Overberger, C.G. 8-95923
- Mathias, R.T.** An analysis of the electrical properties of a skeletal muscle fiber containing a helicoidal T system 8-80852
- Mathie, E.L.** *see* Auld, E.G. 8-78382
- Mathieson, A.M.** A method of eliminating the polarization ratio of a crystal monochromator as an interactive constant in the polarization factor 8-55775
- Mathieson, E., Harris, T.J.** Induced charges in a multi-wire proportional chamber 8-78585
- Mathieson, E., Harris, T.J., Smith, G.C.** Angular localisation of proportional chamber avalanche 8-50434
- Mathieson, E.** *see* Harris, T.J. 8-78584
- Mathieu, H.** *see* Ameziane, E.L. 8-75764
- Mathieu, H.** *see* Pascual, J. 8-71817
- Mathieu, H.J., Landolt, D.** Influence of impurity gases in UHV systems on Auger electron spectroscopy depth profile analysis 8-76958
- Mathieu, J.** *see* Bertoglio, J.-P. 8-63435
- Mathieu, J.** *see* Cambon, C. 8-90813
- Mathieu, J.** *see* Gence, J.-N. 8-90841
- Mathieu, J.** *see* Morel, R. 8-94741
- Mathieu, J.** *see* Rey, C. 8-87334
- Mathieu, J.-C.** *see* Deneuville, J.-L. 8-57950
- Mathieu, J.-P.** *see* Poulet, H. 8-88291
- Mathieu, P., Izatt, J.R.** Laser frequency control by spectrally depleted destructive two-beam interference 8-74941
- Mathiez, P., Weisbuch, G., Mouttet, C.** Slow modes in semi-dilute solutions of polynucleotides 8-53319
- Mathis, J.S.** *see* Brand, P.W.J.L. 8-93348
- Mathis, M.V., Smith, C.M., Fry, D.N., Dailey, M.L.** Characterization studies of BWR-4 neutron noise analysis spectra 8-94063
- Mathis, M.V.** *see* Sides, W.H., Jr. 8-94106
- Mathis, P.** *see* Can Best, J.A. 8-92769
- Mathon, J.** Simple itinerant model of spin glass behaviour 8-84436
- Mathon, R.** *see* Lakin, W.D. 8-71288
- Mathuni, J., Kirchheim, R., Fromm, E.** On the calculation of concentration profiles produced by thermo- and electrotransport 8-83995
- Mathuni, J.** *see* Goto, S. 8-76055
- Mathur, A., Kumar, S., Saxena, M.C.** Relaxation mechanism of some trisubstituted benzenes in dilute solutions at the X-band 8-80744
- Mathur, A.K.** *see* Verma, P.D. 8-63502
- Mathur, B.** *see* Sudhakar, P. 8-71244
- Mathur, B.K.** *see* Ray, B.K. 8-51637
- Mathur, B.P., Rothe, E.W., Reck, G.P.** Two-photon ionisation of Na_2 by an Ar laser 8-55204
- Mathur, B.P., Rothe, E.W., Reck, G.P., Lightman, A.J.** Two-photon ionization of Li_2 : isotopic separation and determination of $\text{IP}(\text{Li}_2)$ and $D_0(\text{Li}_2^+)$ 8-70950
- Mathur, B.P.** *see* Lightman, A.J. 8-90180
- Mathur, K.B.** *see* Balasubramanian, M. 8-91019
- Mathur, K.C.** *see* Gupta, G.P. 8-86953, 8-90293
- Mathur, M.N., Ojha, S.K., Subhadra Ramachandran, P.** Thermal boundary layer of a micropolar fluid on a circular cylinder 8-75174
- Mathur, M.N.** *see* Ojha, S.K. 8-90949
- Mathur, M.P.** A digital frequency meter for measuring low frequencies 8-86296
- Mathur, P.C., Kataria, N.D., Jain, S.** Galvanomagnetic effects in n-type gallium antimonide 8-72172
- Mathur, P.C.** *see* Dewar, A.L. 8-72291
- Mathur, P.C.** *see* Mehra, R.M. 8-56161
- Mathur, P.C.** *see* Sethi, B.R. 8-52013, 8-72147, 8-76075
- Mathur, V.K.** Calculation of two-photon conductivity under nanosecond and picosecond pulse excitation in semiconductors 8-72188
- Mathur, V.K.** *see* Tripathi, A. 8-67887
- Mathur, V.S., Rizzo, T.** Neutral-current constraints on $\text{SU}(2) \times \text{U}(1)$ gauge theories 8-70272
- Matic, B.** *see* Vukovic, M. 8-81260
- Matin, L.** *see* Teich, M.C. 8-64991
- Matino, H., Ushiroda, T.** Effect of substrate bias on properties of RF-sputtered Cr-SiO films 8-60573
- Matinyan, S.G., Savvidy, G.K.** Vacuum polarisation induced by the intense gauge field 8-49994
- Matis, H.S.** *see* Anderson, H.L. 8-50036
- Matis, H.S.** *see* Bowman, J.D. 8-78156
- Matis, H.S.** *see* Gordon, B.A. 8-82216
- Matisov, B.G.** *see* Batygin, V.V. 8-78608, 8-82655
- Matisova-Rychla, L., Rychly, J., Michel, A., Ambrovc, P., Paska, I.** Chemiluminescence of ozonized polyvinylchloride 8-68893
- Matiuk, V.M.** *see* Antonov, V.S. 8-78840
- Matjushenko, M.N.** *see* Pugachev, M.S. 8-56611
- Matkovic, P., Schubert, K.** Crystal structure of Pd_3Te_4 8-51471
- Matkovic, T., Schubert, K.** Crystal structure of PtPd_3Bi 8-59783
- Matkovic, T., Schubert, K.** Crystal structure of Pd_2Se_4 8-75628
- Matkowsky, B.J.** *see* Tavantzis, J. 8-83396
- Matlak, M.** Anharmonism and the metal-insulator transition 8-56072
- Matlak, M., Nolting, W.** Influence of finite carrier concentrations on the electronic spectrum of a ferromagnetic semiconductor 8-76220
- Matlock, D.K.** *see* Whipple, T.A. 8-53036
- Matloob, M.H., Roberts, M.W.** Electron spectroscopic study of nitric oxide adsorbed on copper 8-52635
- Matniew, H.** *see* Camassel, J. 8-88352
- Matoba, M.** *see* Beurtey, R. 8-70687
- Matoba, M.** *see* Fujita, H. 8-66846, 8-74928
- Matoba, M.** *see* Ikegami, H. 8-50065
- Matoba, M.** *see* Kawamura, Y. 8-63129
- Matoba, M.** *see* Nakai, S. 8-59603
- Matoba, M.** *see* Yamanaka, C. 8-50300
- Matocha, K., Hyspeck, L., Mazanec, K.** Fatigue crack propagation rate in the high strength steel with the low-tempered martensitic structure 8-64770
- Matochkin, E.P.** *see* Buchelnikova, N.S. 8-75325
- Matolcsy, M.** New approach to the fatigue crack propagation in metal structural parts 8-56752
- Matolcsy, M., Berke, P.** The problems of fatigue crack propagation and residual strength in the case of shaft or axle type components 8-51120
- Matolich, J., Jr.** *see* Lee, F. 8-58354
- Matone, G.** *see* Dattoli, G. 8-70368
- Matora, I.M., Merkulov, L.A.** Formation of a laminar beam in a high-current electron gun [for linear accelerators] 8-74516
- Matorin, A.S.** *see* Tolubinskiy, V.I. 8-55639
- Matousek, M.** *see* Arvidsson, A. 8-57101
- Matsaniotis, N.** *see* Dacou-Voutetakis, C. 8-69138
- Matschoss, V.** *see* Albrecht, H. 8-82469
- Matsevity, Yu.M.** Methods for solving inverse nonlinear heat-conduction problems 8-94513
- Matsibora, N.P., Goikman, A.Sh.** Apparatus based on GUR-5 goniometer for measuring small-angle X-ray scattering 8-74115
- Matsko, M.G.** *see* Brodin, M.S. 8-72598
- Matsko, M.G.** *see* Goer, D.B. 8-56500
- Matsokin, V.P.** *see* Geguzin, Ya.E. 8-83820
- Matson, D.L., Goldberg, B.A., Johnson, T.V., Carlson, R.W.** Images of I° sodium cloud 8-61792
- Matson, D.L.** *see* Carlson, R.W. 8-93145
- Matson, D.L.** *see* Veeder, G.J. 8-69725
- Matson, M.** *see* Schneider, S. 8-65352
- Matsuyan, B.D.** *see* Sorokin, O.M. 8-57925
- Matsubara, F., Sempel, M., Katsura, S.** Magnetic properties of one-dimensional dilute Heisenberg system 8-64179
- Matsubara, F.** *see* Kudo, T. 8-95407
- Matsubara, I., Yagi, N., Endoh, M.** Behaviour of myosin projections during the staircase phenomenon of heart muscle 8-53362
- Matsubara, K., Oguma, R., Kitamura, M.** Experimental studies of core flow fluctuations and neutron noise in a BWR 8-94060
- Matsubara, K.** *see* Kitamura, M. 8-94107
- Matsubara, S.** *see* Saitoh, T. 8-51855
- Matsubara, T.** *see* Hama, T. 8-75920
- Matsubaya, O.** *see* Sakai, H. 8-69385
- Matsubayashi, S.** *see* Yamauchi, A. 8-91463
- Matsuda, A.** Work hardening behaviour and dislocation structures of iron single crystals during simple shear tests 8-95762
- Matsuda, H.** *see* Gueshi, T. 8-85236
- Matsuda, H.** *see* Katakuse, I. 8-62261
- Matsuda, H.** *see* Kuroki, H. 8-56633
- Matsuda, H.** *see* Takahashi, N. 8-66449
- Matsuda, H.** *see* Taya, S. 8-70216
- Matsuda, K.** Scaling violation and parton's transverse momentum 8-89661
- Matsuda, K.** Alfvén wave instabilities in a finite- β , current-carrying plasma and effects of monoenergetic fusion products 8-91101
- Matsuda, M., Matsushima, T., Odaka, K., Ogawa, S., Shin-Mura, M.** Weak decays of charmed strange mesons. Which is lighter, $F(0^-)$ or $F^*(1^-)$? 8-74249
- Matsuda, M., Nakagawa, M., Odaka, K., Ogawa, S., Shin-Mura, M.** Nonleptonic decays of charmed baryons 8-66118
- Matsuda, M., Nakagawa, M., Odaka, K., Ogawa, S., Shin-Mura, M.** Comments on the D-meson decays 8-70363
- Matsuda, M.** *see* Abe, Y. 8-58167
- Matsuda, M.** *see* Aoki, T. 8-71245
- Matsuda, M.** *see* Kuroda, E. 8-76598
- Matsuda, N.** *see* Komatsu, M. 8-92194
- Matsuda, O., Otsuka, E.** Directional temperature of hot electrons in InSb under electric and magnetic fields 8-84135
- Matsuda, O.** *see* Kozima, K. 8-74849

- Matsuda, S.**, Hamano, K.I., Sugimoto, K., Sawada, Y. Ellipsometric measurements of passive films on Mo-bearing austenitic stainless steels 8-85041
- Matsuda, S.** *see* Chiu, C.B. 8-50020
- Matsuda, S.** *see* Halzen, F. 8-58159
- Matsuda, S.** *see* Hwa, R.C. 8-62373
- Matsuda, S.** *see* Ikegami, T. 8-80486, 8-95719
- Matsuda, S.** *see* Moriyoishi, Y. 8-56796
- Matsuda, S.** *see* Ohara, Y. 8-54912
- Matsuda, S.** *see* Roberts, R.G. 8-82160
- Matsuda, S.** *see* Shibata, T. 8-54969
- Matsuda, S.** *see* Yamato, H. 8-54972
- Matsuda, T.** Active faults in the Amagisan area, Izu Peninsula 8-96164
- Matsuda, T.**, Ota, Y., Okada, A., Shimizu, F., Togo, M. Aerial photo-interpretation of active faults: the individual difference and examples 8-96124
- Matsuda, T.** *see* Fukushima, M. 8-62409
- Matsuda, T.** *see* Hatta, I. 8-91447
- Matsuda, T.** *see* Saishin, M. 8-85308
- Matsuda, T.** *see* Tonomura, A. 8-63002
- Matsuda, T.** *see* Yonemitsu, K. 8-76052
- Matsuda, Y.** A water pollution prediction system by the finite element method 8-93019
- Matsudaira, T.**, Onchi, M. Angle-resolved Auger emission from Ag (100) surface 8-72650
- Matsudo, K.**, Shimoura, T., Nozoe, O. Effect of carbide size, cold reduction, and heating rate in annealing on deep-drawability of low-carbon capped cold-rolled steel sheet 8-64559
- Matsuhara, M.** *see* Satomura, Y. 8-74999
- Matsuhira, T.** *see* Kumagai, K. 8-84349
- Matsui, H.**, Bradbury, M.H., Matzke, H.J. Self-diffusion processes in nuclear carbonitrides $UC_{1-x}N_x$ and $(U,Pu)C_{0.8}N_{0.2}$ 8-50259
- Matsui, H.** *see* Uchida, H. 8-68960, 8-82045
- Matsui, I.** *see* Horiuchi, S. 8-89600
- Matsui, J.** *see* Seki, Y. 8-51543
- Matsui, K.**, Masuda, Y. Nuclear spin-lattice relaxation in a Kondo superconductor 8-52156
- Matsui, K.** *see* Hirano, R. 8-82985
- Matsui, K.** *see* Ikeda, K. 8-66831
- Matsui, M.**, Chikazumi, S. Analysis of anomalous thermal expansion coefficient of Fe-Ni Invar alloys 8-83980
- Matsui, T.** Renormalization group equations in lattice gauge theories 8-62298
- Matsui, T.**, Miura, S., Ikushima, K. Effects of multiple scattering on the laser propagation in water 8-78915
- Matsui, T.**, Mizutani, H. Gravitational N-body problem on the accretion process of terrestrial planets 8-53846
- Matsui, Y.** *see* Horiuchi, S. 8-89600
- Matsui, Y.** *see* Ito, E. 8-65266
- Matsuk, V.A.**, Rykov, V.A. An extension of the Chapman-Enskog method to the case of mixtures of reacting gases 8-57878
- Matsukawa, T.** *see* Wakabayashi, K. 8-51395
- Matsuki, K.**, Nishimatsu, Y., Koizumi, S. Acoustic emission and failure process of rocks under compression 8-56749
- Matsuki, S.** *see* Ikegami, H. 8-50065
- Matsuki, S.** *see* Noguchi, S. 8-77876
- Matsuki, S.** *see* Yamashita, S. 8-66170
- Matsuki, T.** *see* Akama, K. 8-65850
- Matsuki, T.** *see* Terazawa, H. 8-62345
- Matsukov, K.P.** Comparison of two methods of correcting for nongravitational effects in the motion of comets 8-61811
- Matsumori, N.** *see* Terauchi, H. 8-56433
- Matsumoto, G.**, Shimizu, H. A spatially organized structure observed in the time-ordered state of squid giant axons 8-53380
- Matsumoto, G.**, Stuhmer, W. Cross-correlation of fluctuating membrane potentials in squid giant axons 8-92616
- Matsumoto, G.**, Uehara, K. Dispersive structure observed in squid giant axons 8-61158
- Matsumoto, H.**, Saigusa, M., Saito, K., Mizoi, K. The development of the side hole type fiber optic catheter transducer for intracardiac pressure measurement 8-73272
- Matsumoto, H.**, Tanaka, S., Yabumoto, T. DC electroluminescence on M-I-S structures in thin films 8-88038
- Matsumoto, H.**, Umezawa, H., Seki, S., Tachiki, M. Itinerant electron ferromagnetism at zero temperature 8-56285
- Matsumoto, H.**, Yoshizawa, T. Recognition of opsin to the longitudinal length of retinal isomers in the formation of rhodopsin 8-61137
- Matsumoto, H.** *see* Kasano, H. 8-63287
- Matsumoto, H.** *see* Mancini, F. 8-88072
- Matsumoto, K.** *see* Ikeno, S. 8-56416
- Matsumoto, K.** *see* Takai, K. 8-68822
- Matsumoto, K.** *see* Umezawa, T. 8-84336
- Matsumoto, M.** *see* Murayama, Y. 8-92202
- Matsumoto, N.** Bent guide structure semiconductor lasers 8-87062
- Matsumoto, O.**, Konuma, M., Kanzaki, Y. Formation of cubic tantalum nitride by heating tantalum nitride in a nitrogen-argon plasma jet 8-84726
- Matsumoto, R.**, Nakajima, T., Yamaguchi, M. Effect of thermal instability on fully developed laminar flow with internal heat generation between two horizontal parallel plates 8-90899
- Matsumoto, R.** *see* Noto, K. 8-90891
- Matsumoto, S.**, Niimi, T. Concentration dependence of a diffusion coefficient at phosphorus diffusion in germanium 8-95185
- Matsumoto, S.** *see* Furuse, T. 8-87049
- Matsumoto, S.** *see* Yoshimura, M. 8-84219
- Matsumoto, T.** Transmission characteristics of graded-index multimode fibers 8-66937
- Matsumoto, T.** *see* Koyama, M. 8-90503
- Matsumoto, T.** *see* Tatekura, K. 8-66902, 8-71207
- Matsumoto, Y.** *see* Jinno, K. 8-76777
- Matsumoto, Y.** *see* Yoshida, Y. 8-86732
- Matsumura, C.** *see* Kawashima, Y. 8-74643
- Matsumura, G.**, Exner, H.E. The role of evaporation during sintering of an ultra-fine silver powder 8-64505
- Matsumura, H.** *see* Gambling, W.A. 8-63194, 8-66934, 8-74980, 8-74984, 8-87141
- Matsumura, K.**, Yamabe, S., Yanagisawa, Y., Huzimura, R. A molecular orbital approach to hydrogen adsorption on LiF(001) surface 8-87878
- Matsumura, K.** *see* Ando, K. 8-91797
- Matsumura, S.** *see* Kikuchi, S. 8-52917
- Matsumura, T.**, Kito, Y., Miyachi, I. Transient aspects of arc conduction in wall-stabilized air and SF_6 arc disturbed by step changes in current 8-87547
- Matsumura, T.** *see* Coursey, B.M. 8-80816
- Matsumura, Y.** *see* Fincher, C.R., Jr. 8-92137
- Matsumaga, J.**, Kohyama, S. Evidence for impact-ionized electron injection in substrate of n-channel MOS structures 8-88031
- Matsumaga, M.** *see* Hagiuda, Y. 8-84975
- Matsumaga, Y.** *see* Iida, S. 8-78455
- Matsumami, H.**, Ishida, M., Tanaka, T. Preparation of ferroelectric PLZT thin films 8-72727
- Matsumami, N.**, Swanson, M.L., Howe, L.M. The determination of solute atom displacements in mixed dumbbell interstitials for the face-centered-cubic lattice 8-79631
- Matsumami, N.** *see* Norton, P.R. 8-71916
- Matsuno, K.**, Kawamura, R. Laminar boundary layer with gas injection on a conical body 8-59417
- Matsuno, Y.** Statistics of nonlinear dispersive systems with small dissipation 8-70058
- Matsuo, E.**, Tsuji, M. Energy flow and group velocity of electromagnetic surface wave in hydrodynamic approximation 8-84272
- Matsuo, M.** *see* Sawada, S. 8-76408
- Matsuo, M.** *see* Tsuchida, E. 8-52961
- Matsuo, S.**, Nishida, I., Kimoto, K., Noguchi, S. Magnetic properties of 8-Cr and BCC Cr fine particles prepared by gas evaporation method 8-52314
- Matsuo, S.** *see* Hotta, N. 8-63883
- Matsuo, S.** *see* Tsubaki, T. 8-55674
- Matsuo, T.** *see* Kataokue, I. 8-62261
- Matsuo, T.** *see* Takahashi, N. 8-66449
- Matsuo, T.** *see* Yamauchi, A. 8-91463
- Matsuo, Y.** *see* Nozawa, T. 8-76272
- Matsuo, Y.** *see* Yamada, S. 8-88107
- Matsuoka, H.** *see* Yamamoto, R. 8-51428
- Matsuoka, M.** *see* Miyamoto, S. 8-57696
- Matsuoka, M.** *see* Okada, J. 8-78659
- Matsuoka, N.** *see* Hosono, K. 8-82343
- Matsuoka, S.**, Tanaka, K. Delayed retardation phenomena of fatigue crack growth in various steels and alloys 8-56745
- Matsuoka, S.**, Tanaka, K. Delayed retardation phenomenon of fatigue crack growth resulting from a single application of overload 8-92317
- Matsuoka, S.** *see* Ohashi, N. 8-74669
- Matsuoka, S.** *see* Tanaka, K. 8-64690, 8-64700
- Matsura, E.** *see* Inushima, T. 8-60405
- Matsurra, M.** *see* Ajiro, Y. 8-84389
- Matsuse, T.**, Abe, Y., Kondo, Y. Molecular resonances in $^{12}C(^{16}O,^{18}O)^{12}C^*(2^+, 4.44 \text{ MeV})$ inelastic scattering by a band crossing model 8-62562
- Matsuse, T.**, Abe, Y., Kondo, Y. A band crossing model of resonances in heavy ion reactions. I-Resonances in $^{12}C-^{16}O$ scattering 8-89898
- Matsuse, T.**, Kondo, Y., Abe, Y. An occurrence mechanism of nuclear molecular resonances 8-62561
- Matsuse, T.** *see* Abe, Y. 8-66305
- Matsuse, T.** *see* Kondo, Y. 8-66303
- Matsushige, K.**, Takemura, T. Melting and crystallization of poly(vinylidene fluoride) under high pressure 8-91422
- Matsushige, K.** *see* Kapur, S. 8-76757
- Matsushima, S.** Tensile fatigue strength of water-quenched hypoeutectoid Cu-10 wt.% Al alloy at high temperature in vacuum 8-72837
- Matsushima, T.**, Takano, T., Sueta, R. Nearly-atmospheric-pressure continuous CO_2 waveguide laser using plasma injection technique 8-74925
- Matsushima, T.** *see* Matsuda, M. 8-74249
- Matsushima, Y.** *see* Gonda, S. 8-64481
- Matsushita, K.** *see* Sanada, T. 8-84249
- Matsushita, M.** On the anomalous sound attenuation above the lambda point in ammonium halides 8-51617
- Matsushita, M.** On the anomalous sound propagation of nematics just above the clearing point 8-75816
- Matsushita, S.** *see* Kamide, Y. 8-77432
- Matsushita, T.**, Sumiyoshi, F., Takeo, M., Irie, F. AC losses of a superconducting wire 8-84364
- Matsushita, T.**, Takeo, M., Irie, F. Pinning characteristics of a superconducting compound V_3Ga 8-91829
- Matsushita, T.** *see* Ito, S. 8-52651
- Matsushita, T.** *see* Kakimoto, A. 8-49864
- Matsushita, T.** *see* Kohra, K. 8-62277, 8-83651
- Matsushita, T.** *see* Sekiya, T. 8-88425
- Matsushita, T.** *see* Tran Tri Nang 8-56209, 8-90461
- Matsushita, Y.** *see* Hotta, N. 8-63883
- Matsushita, Y.** *see* Kayashima, M. 8-91930
- Matsuura, E.** *see* Inushima, T. 8-56440
- Matsuura, K.**, Fujita, J., Ogata, A., Haba, K. Direct-reading type microwave interferometer 8-55754
- Matsuura, K.** *see* Itoh, S. 8-55738
- Matsuura, K.** *see* Toi, K. 8-71527
- Matsu'ura, M.** Inversion of geodetic data. II. Optimal model of conjugate fault system for the 1927 Tango earthquake 8-88779
- Matsuura, S.** *see* Deki, K. 8-87043
- Matsuura, S.** *see* Natsume, H. 8-54841
- Matsuura, T.** Transport processes in membranes for reverse osmosis 8-95946
- Matsuura, T.**, Miller, W.H., Tomita, T. Cone-specific c-wave in the turtle retina 8-69060
- Matsuura, T.** *see* Akatsuka, K. 8-81951
- Matsuura, T.** *see* Rangarajan, R. 8-53250, 8-53251
- Matsuura, T.** *see* Yumura, S. 8-88685
- Matsuura, Y.**, Fukuda, K. Formation of He_2 molecules in the early afterglow of He pulsed discharge 8-63585
- Matsuyama, M.** *see* Otsuka, S. 8-51713
- Matsuyama, M.** *see* Sakai, T. 8-87536
- Matsuyama, T.**, Yamaoka, H. Optical and EPR studies on irradiated anthracene crystals at low temperature 8-68538
- Matsuyama, T.**, Yamaoka, H. Radical pair formation in some aromatic polycrystals at 77K 8-80757
- Matsuyama, T.**, Yamaoka, H. Radical pair formation in some amino acids at 77K 8-85292
- Matsuzaki, K.** *see* Suda, T. 8-56180
- Matsuzaki, T.** *see* Ikegami, H. 8-50065
- Matsuzaki, Y.**, Fung, Y.-C. Stability analysis of straight and buckled two-dimensional channels conveying an incompressible flow 8-59490
- Matsuzawa, K.** *see* Ochi, M. 8-83139
- Matsuzawa, T.** *see* Yajima, S. 8-60627
- Matsuzuru, H.**, Ito, A. Immobilization of cesium-137 in cement-waste composites by addition of mineral zeolites 8-82466
- Matsveiko, A.A.** *see* Alyab'ev, B.V. 8-59023
- Matsveiko, A.A.** *see* Divil'kovskii, I.M. 8-59015
- Matsyk, S.V.** *see* Naumov, Yu.N. 8-77909
- Matt, H.J.** *see* Fussganger, K. 8-90512
- Mattar, F.P.** Transient propagation of optical beams in active media 8-87109
- Mattas, R.F.**, Smith, D.L. Model for life-limiting properties of fusion reactor structural materials 8-62605
- Mattas, R.F.**, Smith, D.L. Model for life-limiting properties of fusion reactor structural materials 8-82513
- Mattauch, R.J.** *see* Batchman, T.E. 8-73258
- Mattei, G.** *see* Fornari, B. 8-78711
- Mattei, G.** *see* Valdez, J.B. 8-72091
- Mattei, R.C.** *see* De Mattei, R.C.
- Matteis, A.** *see* De Mattei, A.
- Mattel, R.C.** *see* De Mattei, R.C.
- Mattelin, G.** *see* Maisin, J.R. 8-69153
- Mattens, W.C.M.** *see* de Boer, F.R. 8-68150
- Matter, J.C.** *see* Smirl, A.L. 8-66839
- Mattern, N.** *see* Ritschel, M. 8-59823
- Mattern, P.L.** *see* Fairchild, R.G. 8-84667, 8-84668
- Matteson, J.L.** Background effects in scintillation counter telescopes in the upper atmosphere 8-85823
- Matteucci, F.** *see* Fusco-Femiano, R. 8-93383
- Matteucci, G.** On the use of a Wollaston wire in a Mollenstedt-Duker electron biprism 8-54512
- Matteucci, G.**, Pozzi, G. Two further experiments on electron interference 8-62005
- Matteucci, M.** *see* Badiali, M. 8-64928
- Matteuzzi, C.** *see* Alibrani, P. 8-50026
- Matteuzzi, C.** *see* Krenz, W. 8-54624
- Matthaei, G.L.**, Barman, F. A study of the Q and modes of SAW resonators using metal 'waffle-iron' and strip arrays 8-51030
- Matthaus, M.** *see* Decker, H. 8-92680
- Matthay, H.** *see* Kluge, W. 8-74375

- Mattheiss, L.F.**, Testardi, L.R., Yao, W.W. Plasma energies for A-15 compounds 8-84159
- Mattheiss, L.F.** *see* Dietz, R.E. 8-92177
- Matthes, W.** Modified Monte Carlo procedure for particle transport problems 8-61560
- Matthew, J.A.D.** Max Born 1882-1970 8-86100
- Matthew, J.A.D.**, Perkins, R.S. Variation of relaxation energies with the spatial extent of core holes 8-80439
- Matthew, J.A.D.** *see* Kassim, H.A. 8-64091
- Matthews, A.**, Kolodny, Y. Oxygen isotope fractionation in decarbonation metamorphism: The Mottled Zone Event 8-65307
- Matthews, D.E.**, Denson, K.B., Hayes, J.M. Evaluation of the dynamic performance of selected ion monitoring mass spectrometers 8-58087
- Matthews, D.L.**, Hopkins, F. Anomalous spectral and yield features of Auger emission from symmetric molecules 8-55152
- Matthews, D.L.** *see* Jamison, K.A. 8-62894
- Matthews, D.L.** *see* MacLennan, C.G. 8-81507
- Matthews, G.E.** *see* Capelletti, R. 8-71883
- Matthews, H.E.** *see* Goss, W.M. 8-57619
- Matthews, J.B.**, Gneses, M.L., Berg, D.S. A high resolution laser gyro 8-79063
- Matthews, J.L.** *see* Findlay, D.J.S. 8-50151
- Matthews, J.R.** *see* Brailsford, A.D. 8-87712
- Matthews, J.W.**, Plaskett, T.S. Dislocations in neodymium gallium garnet ($\text{Nd}_3\text{Ga}_5\text{O}_{12}$ or NdGG) 8-83818
- Matthews, K.** *see* Beckwith, S. 8-93230
- Matthews, K.** *see* Nadeau, D. 8-93315
- Matthews, K.** *see* Wynn-Williams, C.G. 8-54017
- Matthews, K.M.** Natural outdoor radiation exposure in New Zealand 8-88747
- Matthews, L.S.** *see* Stenogard, D.A. 8-53572
- Matthews, M.R.**, Stenon, A.G. Spectral and transient response of low-threshold proton-isolated (GaAl)As lasers 8-87052
- Matthews, P.W.** *see* Crooks, M.J. 8-73813
- Matthews, R.B.** *see* Walker, J.F. 8-86605
- Matthews, T.A.** *see* Erickson, W.C. 8-65707
- Matthewson, R.** *see* Lehrs, I. 8-82577
- Matthey, M.** Description of void effects in a large BWR by means of a stochastic theory and simulation in a zero-power reactor 8-94061
- Matthias, B.T.**, Patel, C.K.N., Barz, H., Corenzwit, E., Vandenberg, J.M. Tetragonal ternary borides: superconductivity, ferromagnetism and the role of scandium 8-95438
- Matthias, B.T.** *see* Giorgi, A.L. 8-56251, 8-88060
- Matthias, B.T.** *see* Johnston, D.C. 8-60240
- Matthijse, P.** Multiple imaging with thin phase filters: a signal processing approach 8-66772
- Matthys, P.** *see* Vanhaelst, M. 8-87949, 8-91941
- Mattiello, M.L.F.** *see* de Mattiello, M.L.F.
- Mattig, W.**, Kneer, F. The chromosphere above sunspot umbrae. I. Observations of the emission cores in the Ca II H- and K-lines 8-53900
- Mattig, W.** *see* Kneer, F. 8-53901
- Mattila, K.**, Scheffler, H. Fluctuations in the brightness of the diffuse galactic light and in the brightness of the Milky Way 8-61921
- Mattingly, S.R.** *see* Groves, K.S. 8-65370
- Mattinson, H.R.** Project Daedalus: astronomical data on nearby stellar systems 8-81612
- Mattioli, F.**, Tinti, S. Wave-induced oscillations in large-mouthed harbours 8-85604
- Mattioli, F.**, Tinti, S. Surface wave propagation in a channel connecting two basins 8-85605
- Mattioli, L.** *see* Fornari, B. 8-78711
- Mattioli, M.** *see* Adam, J. 8-71473
- Mattioli, M.** *see* Breton, C. 8-71427
- Mattioli, M.** *see* Hinnov, E. 8-55747, 8-83537
- Mattioli, M.** *see* Klapisch, M. 8-79470
- Mattis, D.C.** Electron states near surfaces of solids 8-76125
- Mattison, E.** *see* Levine, M.W. 8-58971
- Mattocks, P.G.**, Melville, D. The magnetic properties of high-purity ZrZn_2 in pulsed fields of up to 17 T 8-64198
- Mattocks, P.G.**, Young, R.C. de Haas-van Alphen effect and Fermi surface of yttrium 8-75983
- Mattocks, P.G.**, Young, R.C. The de Haas-van Alphen effect and Fermi surface of gadolinium 8-84138
- Mattos, J.C.V.** *see* Worlock, J.M. 8-68517
- Mattox, C.** Fletcher *see* Fletcher Mattox, C.
- Mattson, D.R.** Sensitivity of a Fourier transform infrared spectrometer 8-74082
- Mattson, D.R.** *see* Coffey, P. 8-92560
- Mattson, D.R.** *see* Vidrine, D.W. 8-86357
- Mattsson, L.**, Karlsson, L., Jadry, R., Siegbahn, K. Valence electron spectrum of C_6H_6 excited by linearly polarized HeI radiation 8-50580
- Mattsson, L.** *see* Jadry, R. 8-50582
- Mattsson, L.** *see* Karlsson, L. 8-50581
- Mattsson, S.** *see* Asboe-Hansen, P. 8-86507
- Mattsson, S.** *see* D'Auria, J.M. 8-70489
- Mattsson, S.** *see* Hagberg, E. 8-89779
- Matukhin, V.L.**, Safin, I.A. Investigation of nuclear relaxation of ^{93}Nb in Nb/Sb by nuclear quadrupole resonance method 8-88073
- Matumoto, H.**, Takahashi, M. Development of the portable easy-operation long-period seismometer. II. Peripheral device 8-65399
- Matumoto, K.**, Tajima, T. A parametrization for the pattern of the Bjorken scaling violation based on the model of quarks with size and excited states 8-74208
- Matumoto, K.**, Tajima, T. An ansatz that $F_3(x, Q^2)$ displays only the form factor like negative scaling violation 8-74241
- Matumoto, K.**, Tajima, T. Scaling violation in neutrino reaction based on the model of quarks with size and excited states 8-74242
- Matumoto, K.**, Tajima, T. Large p_t - n^0 spectra in proton-proton collisions based on the model of quarks with size and excited states 8-89756
- Matumoto, K.** *see* Abe, Y. 8-58167
- Matus, V.K.**, Vorobei, A.V., Chernitskii, Ye.A. Effect of chlorpromazine and temperature on the transport of glucose in human red cell ghosts 8-77026
- Matushevich, E.S.** *see* Svirin, M.I. 8-86537
- Matushevskii, G.V.** A new type of long-term wind wave parameter distribution function 8-81202
- Mataska, W., Jr.**, Janney, D.H., Farrell, J.A., Keller, C.F., Jr. Enhancement of solar corona and comet details 8-81556
- Matuszewski, M.** *see* Stuchly, S.S. 8-86295
- Matveenko, A.V.**, Lovas, I. Recoil effect and kinematics of the molecular states approach to heavy-ion transfer reactions 8-62557
- Matveenko, I.L.** *see* Bazuev, G.V. 8-72335
- Matveenko, L.I.**, Moiseev, I.G., Moran, D.M., Burke, B.F., Kogan, L.R., Efanov, V.A. Radio interferometer Crimea-Haystack 8-69693
- Matveenko, L.I.**, Moran, D.M., Burke, B.F., Moiseev, I.G., Kostenko, V.I., Kogan, L.R. Observations of W51 H₂O source with Crimea-Haystack interferometer 8-69865
- Matveenko, L.I.** *see* Kogan, L.R. 8-65713
- Matveenko, L.I.** *see* Pauliny-Toth, I.I.K. 8-69902
- Matveev, A.S.** *see* Golovkin, A.M. 8-60949
- Matveev, I.N.** *see* Arsen'ev, V.A. 8-71130
- Matveev, I.N.** *see* Kamenskii, N.N. 8-59147
- Matveev, I.N.** *see* Konarev, V.P. 8-50933, 8-59024
- Matveev, L.T.**, Soldatenko, S.A. On a theory of the formation and prediction of evaporation fogs 8-61522
- Matveev, O.A.** *see* Kushniruk, V.F. 8-86745
- Matveev, O.I.** *see* Bekov, G.I. 8-94216
- Matveev, P.S.** *see* Ostrovskii, A.E. 8-88785
- Matveev, V.A.**, Maslov, N.P., Chistyakov, V.A. Angular oscillations of a shaft mounted in ball-bearings 8-75092
- Matveev, V.A.**, Sorba, P. Quark analysis of multibaryonic systems 8-70321
- Matveev, V.A.** *see* Magradze, B.A. 8-62335
- Matveev, V.N.** *see* Arbuzov, V.L. 8-56126
- Matveev, V.V.**, Lebdev, V.G., Chaikovskii, B.S. Apparatus for determining the characteristics of oscillation damping based on the resonant trough of the amplitude-frequency relationship of the disturbing force 8-64803
- Matveev, V.V.** *see* Gol'dman, A.Ya. 8-68779
- Matveev, Yu.A.** Asymmetry of X-ray electron spectra of shell electrons of the components of alloys of transition and noble metals 8-76579
- Matveev, Yu.I.** *see* Balashkand, M.I. 8-53752
- Matveeva, I.A.**, Pronin, V.P., Shekhtman, L.A. Measurement of surface charge by electrostatic induction 8-49807
- Matveichuk, I.V.** *see* Zasyapkina, V.V. 8-69132
- Matveyenko, L.I.** *see* Genzel, R. 8-61901
- Matveyev, A.K.** *see* Grachev, A.I. 8-65407
- Matveyev, S.K.** *see* Kocheryzhenkov, G.V. 8-67186, 8-67187
- Matveyeva, L.S.** *see* Kozhevnikov, A.A. 8-65063
- Matvienko, A.F.** *see* Baldin, A.V. 8-88475
- Matyakin, Yu.G.** *see* Gorbunov, G.G. 8-82058
- Matyash, A.A.** *see* Korotikh, V.L. 8-68071
- Matyash, I.V.** *see* Bezobchuk, V.K. 8-88177
- Matyja, H.** *see* Scott, M.G. 8-56668
- Matyja, H.** *see* Zieliński, P.G. 8-84186
- Matysiak, S.**, Wachecka-Skowron, A. On the uniqueness of some two-dimensional boundary value problems in the micropolar theory of elasticity 8-54192
- Matysik, K.J.** A refraction correction for RHEED patterns from amorphous surfaces 8-71646
- Matysik, K.J.**, Mogab, C.J., Bagley, B.G. Hydrogen evolution from plasma-deposited amorphous silicon films 8-72050
- Matyukhin, N.M.** *see* Ushakov, P.A. 8-89932
- Matyukhov, A.P.** Influence of polymer molecular-weight distribution on hydrodynamic drag reduction in a turbulent stream of solution 8-83437
- Matyushin, A.M.** *see* Vazina, A.A. 8-65155
- Matyushkin, E.V.** *see* Bron, R.Ya. 8-80415
- Matyushkin, E.V.** *see* Dokashenko, V.P. 8-95589
- Matz, D.** *see* Lepine, Y. 8-87925
- Matz, W.** *see* Andreoff, A. 8-67996
- Matzhanin, G.A.** *see* Gardner, C.G. 8-52313
- Matzke, H.**, Bradbury, M.H. Report on swelling of MX-type fuels 1973-1976: Self-diffusion in MX-type nuclear fuels out-of-pile and in-pile 8-82457
- Matzke, H.** *see* Bradbury, M.H. 8-82461
- Matzke, H.J.** *see* Bradbury, M.H. 8-78457
- Matzke, H.J.** *see* Manes, L. 8-70593
- Matzke, H.J.** *see* Matsui, H. 8-50259
- Matzke, M.** *see* Siebert, B.R.L. 8-82414
- Matzler, C.**, Bai, T., Crannell, C.J., Frost, K.J. Adiabatic heating in impulsive solar flares 8-93176
- Matzler, C.** *see* Crannell, C.J. 8-93174
- Matzner, M.** *see* Noshay, A. 8-91265
- Matzner, R.A.** Scattering of gravitational radiation from vacuum black holes 8-65648
- Matzuk, T.**, Skolnick, M.L. Novel ultrasonic real-time scanner featuring servo controlled transducers displaying a sector image 8-94501
- Mau, A.** Nguyen Van *see* Nguyen Van Mau, A.
- Mau Hsiung Chen**, Crasemann, B. Atomic electron correlation in nuclear electron capture 8-62510
- Mau Hsiung Chen** *see* Ice, G.E. 8-55213
- Mau Quan, M.** Pham *see* Pham Mau Quan, M.
- Maubouguet-Pellerin, M.-M.**, Pellerin, F., Bories, S. Numerical study of conjugate heat transfer in plane channel of variable cross-section 8-59386
- Maucherat, A.** *see* Simien, F. 8-65690
- Mauck, G.W.**, Smith, C.R., Jr., Incropera, F.P. An experimental and theoretical investigation of hypothermia in dogs [relevant to post-surgical rewarming] 8-80834
- Mauderli, W.** *see* Lorenz, E. 8-65122
- Maue-Dickson, W.**, Trefler, M. Image quality in computerized and conventional tomography in the assessment of craniofacial anomalies 8-73239
- Mauer, J.** *see* Havalda, A. 8-84923
- Mauer, J.L.** Averaging of electron-beam aberrations 8-74830
- Mauer, J.L.**, Logan, J.S., Zielinski, L.B., Schwartz, G.C. Mechanisms of silicon etching by CF_4 plasma 8-72907
- Maughan, W.** Lowell *see* Lowell Maughan, W.
- Maugin, G.A.** On Maxwell's covariant equations in matter 8-57798
- Maugin, G.A.** On the covariant equations of the relativistic electrodynamics of continua. I. General equations 8-57842
- Maugin, G.A.** On the covariant equations of the relativistic electrodynamics of continua. II. Fluids 8-57843
- Maugin, G.A.** On the covariant equations of the relativistic electrodynamics of continua. III. Elastic solids 8-57844
- Maugin, G.A.** On the covariant equations of the relativistic electrodynamics of continua. IV. Media with spin 8-57845
- Maugin, G.A.** Elasticity and electro-magneto-elasticity of general-relativistic systems 8-70025
- Maugis, D.**, Barquins, M. Fracture mechanics and the adherence of viscoelastic bodies 8-83336
- Maugis, D.**, Desalos-Andarelli, G., Heurtel, A., Courtel, R. Adhesion and friction on Al thin foils related to observed dislocation density 8-64706
- Maugiron, J.** *see* Bocoquillon, G. 8-95150
- Mauguin, M.** *see* Jones, C.H.W. 8-62833
- Mauk, B.** *see* Hughes, W.J. 8-85775
- Mauk, M.R.** *see* Hwang, K.J. 8-53348
- Maul, J.L.** Secondary-ion mass spectrometry 8-95978
- Maulard, J.** *see* Dahan, C. 8-94788
- Maul, K.** *see* Faissner, H. 8-70355
- Mauder, M.** de Faubert *see* de Faubert Mauder, M.
- Maung, T.** *see* Reynolds, G.M. 8-85743
- Maurelli, G.** *see* Burg, J.P. 8-82569
- Maurenzig, P.R.** *see* Fazzini, T. 8-82360
- Maurer, G.** *see* Braun, H. 8-58208
- Maurer, G.** *see* Eisenberg, Y. 8-54657
- Maurer, G.S.** *see* Dennis, B.R. 8-93473
- Maurer, H.-J.** *see* Fitzer, E. 8-71886
- Maurer, H.M.**, Ragle, J.L., Weiss, A. A proton magnetic resonance investigation of molecular motion and phase transition in solid diaminesilver dinitroargentate, $\text{Ag}(\text{NH}_3)_2[\text{Ag}(\text{NO}_2)_2]$ 8-88203
- Maurer, J.** *see* Fitzer, E. 8-85025
- Maurer, L.J.** *see* Neubert, M.E. 8-51409, 8-75541
- Mauri, G.** *see* Bertoni, A. 8-90608
- Mauri, M.**, Pawlina, A. The [meteorological] radar data acquisition system of the station at Spino d'Adda and the procedures for data revision and reduction 8-69468
- Mauri, M.** *see* Capsoni, C. 8-53679

- Maurice, E. *see* Ardeberg, A. 8-89256, 8-89258
- Maurice, Y.T. On uranium research 8-88827
- Mauricio, F. *see* Hardisson, A. 8-62850
- Maurin, A.S. *see* Stassenko, I.V. 8-83269
- Maurin, M. *see* Daniel, F. 8-63704
- Mauring, K.Kh. *see* Avarmaa, R.A. 8-74809
- Maurizio, D. *see* Borreani, G. 8-82232
- Mauro, A.E., Sala, O., Hase, Y. Vibrational spectra and analyses of $\text{MFe}(\text{CO})_4$ ($\text{M}=\text{Cd}, \text{Hg}$) 8-66553
- Mauro, C. *di see* Di Mauro, C.
- Mauro, C. *di see* Di Mauro, C.
- Mauro, G. *di see* Di Mauro, G.
- Maurone, P.A., Wunderlich, F.J. Bouncing ball experiment 8-54122
- Mauroyannis, C. *see* Ritchie, D.S. 8-56278
- Maury, F. *see* Vajda, P. 8-95078
- Maury, R.C., Brousse, R. Occurrence and origin of pigeonite and orthopyroxene in some lavas from the French Massif central 8-96203
- Maury, S. *see* Badelek, B. 8-90011
- Maury, S. *see* Burg, J.P. 8-89741
- Maurya, B.R. *see* Lal, K.B. 8-70020
- Mausser, R., Chmiel, H. Non-invasive measurement method for semiquantitative demonstration of micro-circulation by means of ultrasonics 8-85348
- Mausle, H.-J. *see* Steudel, R. 8-82742
- Mautz, J.R. Mie series solution for a sphere [EM wave scattering] 8-66721
- Mautz, J.R., Harrington, R.F. H-field, E-field, and combined-field solutions for conducting bodies of revolution 8-55275
- Mav, R. Vinh *see* Vinh Mav, R.
- Mavaddat, R. Development of optically excited soft X-ray laser techniques: a travelling wave lens 8-59016
- Mavashev, Yu.Z., Rudshstein, V.L., Salikhova, F.S., Khudaeva, G.B., Valeeva, I.A. Experimental investigation into reflectances of mirror surfaces 8-83066
- Mavraganis, A.G. The magnetic-binaries problem: motion of a charged particle in the region of a magnetic-binary system 8-69828
- Mavraganis, A.G. The areas of motion in the planar magnetic-binaries problem 8-96386
- Mavrin, B.N., Mel'nik, N.N., Sterin, Kh.E., Gasanly, N.M., Dzhavadov, B.M. Raman scattering spectra of an InSe crystal 8-88313
- Mavrin, B.N., Sterin, Kh.E., Gasanly, N.M., Khalafov, Z.D., Salaev, E.Yu., Allakhverdiev, K.R., Sardarly, R.M. Optical phonons in layer crystals of TiGaS_2 , $\beta\text{-TiInS}_2$ and TiGaSe 8-68513
- Mavrin, B.N. *see* Denisov, V.N. 8-87102, 8-94409
- Mavrin, B.N. *see* Faradjev, F.E. 8-76478
- Mavrodiev, S.S. *see* Drenska, S. 8-89737
- Mavroides, J.G., Kolesar, D.F. Surface photovoltage experiments on SrTiO_3 electrodes 8-72227
- Mavrokoukoulakis, N.D. *see* Cole, R.S. 8-85623
- Mavrokoukoulakis, N.D. *see* Ho, K.L. 8-61496, 8-81316
- Mavrommatis, E. Jastrow-type calculations for nuclear matter with the normalization condition 8-66236
- Mavrommatis, E. Jastrow type calculations in nuclear matter by means of the normalisation condition 8-70474
- Mavroyannis, C. Excitation spectrum of neutral molecules adsorbed on dielectric surfaces 8-71943
- Mavroyannis, C. Two-atom resonance fluorescence 8-82778
- Mavroyannis, C. *see* Ritchie, D.S. 8-89411
- Mawson, J. *see* Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Max, A. Development and testing of a laser-system for determination of the fission product-release and -distribution in coated particles 8-82403
- Max, C.E. *see* Barnes, C. 8-51312
- Max, C.E. *see* Bernstein, I.B. 8-67317
- Max, C.E. *see* Thomson, J.J. 8-59638
- Maxey, D.V. *see* McCormick, D.L. 8-87427
- Maxey, M.R. *see* Keffer, J.F. 8-59374
- Maxfield, J., Stein, R.S., Chen, M.C. Polarized Raman studies of crystalline and amorphous orientation in polyethylene 8-67660
- Maxia, V. Nonequilibrium thermodynamics of the thermoluminescent process 8-68569
- Maxia, V. *see* Aramu, F. 8-60366
- Maxia, V. *see* Ganzerli-Valentini, M.T. 8-69389
- Maximov, O.P. *see* Sushchinsky, M.M. 8-56483
- Maximovich, G.G., Lyutii, E.M., Tsvikilevich, O.S., Polyak, L.Z., Onisenko, L.P. Effect of the carbide precipitate geometry on the Nb-Zr-C alloy strength under long-term loading at 1100°C 8-92266
- Maxin, P.L., Petukhov, B.S., Polyakov, A.F. Calculation of temperature fluctuations intensity balance in gas flow in a tube 8-94721
- Maxon, H.R., III *see* Silberstein, E.B. 8-65112
- Maxumdar, S. *see* Nothe, D. 8-80192
- Maxwell, J.R. *see* Hajibrahim, S.K. 8-61078
- Maxwell, M.H. Two rapid and simple methods used for the removal of resins from $1.0\ \mu\text{m}$ thick epoxy sections 8-65165
- Maxwell, M.H., McFarlane, J.B. The restoration of damaged Philips electron microscope specimen holders used in the high-resolution stage 8-62265
- Maxwell, R.W. *see* Dowd, A. 8-87498
- May, A.D., Hubert, M., Ghaem-Maghani, V. The Rayleigh-Brillouin spectrum of hydrogen at high densities 8-90189
- May, D.P. *see* Cossairt, J.D. 8-82285
- May, F.R. *see* Schilling, K.D. 8-62505
- May, G.J., Hooper, A. The effect of microstructure and phase composition on the ionic conductivity of magnesium-doped sodium-beta-alumina 8-67859
- May, J. *see* Hansl, T. 8-74244, 8-89698, 8-89860
- May, J. *see* Holder, M. 8-55103
- May, J.G., Cummings, R.W., Siegfried, J.B. Recording monocular VEPs under binocular conditions 8-81035
- May, J.R. *see* Lawson, C.G. 8-55001
- May, M. Methods of characterization and measurement of molecular orientation 8-75559
- May, M. *see* Cester, R. 8-66145
- May, M. *see* Hagopian, J.-C. 8-66763
- May, M. *see* Hagopian, J.Ch. 8-90359
- May, M.L. *see* Riesgraf, D.A. 8-74649
- May, T.W. *see* Peeples, W.J. 8-85868
- May, W., Kieft, H., Clouter, M.J., Stegeman, G.I. Automated data acquisition and stabilization system for Fabry-Perot interferometry 8-70180
- Maya, J. Fluorescence yields of metal halide vapors excited by photodissociation 8-55138
- Maya, M. *see* Garcia, A. 8-58254
- Mayas, L., Plato, M., Winscom, C.J., Mobius, K. Deuterium quadrupole coupling constants in hydrogen bonded dicarboxylic acids. A distant ENDOR study 8-90195
- Mayaud, P.N. The annual and daily variations of the Dst index 8-96351
- Mayaud, P.N., Svalgaard, L., Bubenik, D.M., Fraser-Smith, A.C. Comment on 'Evidence for strong artificial components of the equivalent linear amplitude geomagnetic indices' by D.M. Bubenik and A.C. Fraser-Smith 8-89008
- Maybrey, J.F.M. *see* Gaster, M. 8-83500
- Maybury, R. *see* Baker, R.D. 8-70404, 8-89733
- Maybury, R. *see* Gay, M. 8-70405
- Mayeda, T.K. *see* Clayton, R.N. 8-57513
- Mayer, A., Catlett, D.S. Plating laser-fusion targets 8-60862
- Mayer, F.J. *see* Cover, R.A. 8-83607
- Mayer, F.J. *see* Slater, D.C. 8-51327
- Mayer, G. Gamma-rays generation by fast electrons travelling through antiferroelectric or antiferromagnetic crystalline structures 8-76545
- Mayer, G. Stimulated Compton scattering and related phenomena 8-82219
- Mayer, G. *see* Boissel, P. 8-90455
- Mayer, H. *see* Baumgartner, A. 8-69421
- Mayer, H.W., Mikhail, I., Schubert, K. On the phases of the mixtures ZnSb_3 and CdSb_3 8-60661
- Mayer, I., Angelov, S.A. Refined LCAO treatment of superexchange in insulators 8-91861
- Mayer, J. *see* Natkaniec, I. 8-63816
- Mayer, J.W. *see* Csepregi, L. 8-79900
- Mayer, J.W. *see* Finstad, T.G. 8-87830
- Mayer, J.W. *see* Foti, G. 8-75700
- Mayer, J.W. *see* Lau, S.S. 8-79823, 8-79899, 8-84079
- Mayer, J.W. *see* Pretorius, R. 8-60578
- Mayer, J.W. *see* Reichtin, M.D. 8-75688
- Mayer, J.W. *see* Tseng, W.F. 8-72012, 8-91346, 8-95059
- Mayer, K.F., Weiss, J. Bis[(dithionitro)S]amido[nickel(II)]-A new (β) modification 8-63716
- Mayer, K.H. *see* Ewald, I. 8-60837
- Mayer, M.E. Introduction to the fiber-bundle approach to gauge theories 8-58130
- Mayer, M.E. *see* Drechsler, W. 8-54573
- Mayer, M.I., Riley, F.L. Sodium-assisted oxidation of reaction-bonded silicon nitride 8-56795
- Mayer, O. *see* Fromm, E. 8-64889
- Mayer, R.J. Solving the problem of vertical pump vibration 8-87186
- Mayer, R.M. *see* Thrower, P.A. 8-63758
- Mayer, S. *see* Friedman, J.L. 8-70045
- Mayer, U. *see* Auwerter, H. 8-68560
- Mayer, W. *see* Cominsky, L. 8-61939
- Mayer, W.G. *see* Brower, N.G. 8-66970
- Mayer, W.G. *see* Huang, P.H. 8-83132
- Mayer-Borricke, C. *see* Betigeri, M.G. 8-74372
- Mayer-Borricke, C. *see* Budzanowski, A. 8-82363
- Mayer-Borricke, C. *see* Lieder, R.M. 8-62476, 8-82283
- Mayer-Borricke, C. *see* Muller-Veggian, M. 8-82309
- Mayer-Borricke, C. *see* Oelert, W. 8-94013
- Mayer-Borricke, C.U. Multipole giant resonances in light nuclei 8-86462
- Mayer-Hasselwander, H.A. *see* Swanenburg, B.N. 8-93454
- Mayeri, E. *see* Branton, M.D. 8-69040
- Mayers, I.R. *see* Morrow, D.W. 8-73358
- Mayers, J., Watts, B.R. Changes in the Fermi surfaces of magnesium, zinc and cadmium under uniaxial compression 8-51876
- Mayersohn, J. *see* Heller, M. 8-70689
- Mayes, B.W. *see* Hudomalj-Gabitzsch, J. 8-70385
- Mayes, B.W. *see* Mutchler, G.S. 8-70387
- Mayeva, S.V., Ruskol, Ye.L. The thermal history of Venus 8-73665
- Mayfield, D. *see* Borodinsky, L. 8-59938
- Mayhall, D.J., Tolk, K.M., Weldon, W.F., Rylander, H.G., Woodson, H.H. Circuit and magnetic analysis for a system of Faraday rotator coils driven by a two-spool, four-rotor homopolar generator 8-54951
- Mayhall, D.J. *see* Driga, M.D. 8-55730
- Mayhew, J.E.W., Frisby, J.P. Suprathreshold contrast perception and complex random textures 8-69103
- Mayhew, J.E.W., Frisby, J.P. Texture discrimination and Fourier analysis in human vision 8-96051
- Maykut, G.A. Energy exchange over young sea ice in the central Arctic 8-85584
- Mayman, S.A. Canadian experience with wet and dry fuel storage concepts 8-89963
- Maynard, C.W. *see* Abdel-Khalik, S.I. 8-58425
- Maynard, M.J. *see* Palmer, D.C. 8-70450
- Maynard, N.C. On large poleward-directed electric fields at sub-aaral latitudes 8-88970
- Maynard, N.C. *see* Grebowsky, J.M. 8-81500
- Maynard, N.C. *see* Heppner, J.P. 8-85807
- Maynard, R. *see* Rammal, R. 8-59914
- Mayne, F. *see* De Haan, M. 8-73876
- Mayne, F. *see* George, C. 8-89611
- Mayne, F. *see* Prigogine, I. 8-49784
- Mayne, J.E.O. *see* Golden, J. 8-95839
- Mayne, K.D., Tomlinson, J.P. (editor) Integrated optics bibliography 8-66959
- Mayneord, W.V. The time factor in carcinogenesis. The 1977 Sievert lecture 8-53446
- Mayo, M.J. Transformerless enlarger timer 8-49924
- Mayo, S. *see* Galloway, K.F. 8-68089
- Mayo-Wells, J.F. *see* Hiltén, J.S. 8-54358
- Mayor, J.M. *see* Kocian, P. 8-67502
- Mayorshin, V.V. *see* Kotkin, A.L. 8-82011
- Mayr, H.G., Harris, I. Some characteristics of electric field momentum coupling with the neutral atmosphere 8-88958
- Mayr, H.G. *see* Hartle, R.E. 8-89093
- Mayr, H.G. *see* Hedin, A.E. 8-88959
- Mayr, H.G. *see* Trinks, H. 8-77380
- Mayr, P. *see* Pilo, D. 8-56721
- Mayrhofer, B. *see* Neuzil, L. 8-79367
- Mays, C.W. Endosteal dose to thorotrast patients 8-96094
- Mays, C.W., Spiess, H., Gerspach, A. Skeletal effects following ^{224}Ra injections into humans 8-96071
- Mays, C.W. *see* Lloyd, R.D. 8-96095
- Mays, C.W. *see* Rossi, H.H. 8-53448
- Mays, C.W. *see* Smith, J.M. 8-80983
- Mays, C.W. *see* Spiess, H. 8-96070
- Maystre, D. A new general integral theory for dielectric coated gratings 8-66909
- Maystre, D. A new theory for multiprofile, buried gratings 8-79120
- Maystre, D., Nevieri, M., Vincent, P. On a general theory of anomalies and energy absorption by diffraction gratings and their relation with surface waves 8-94447
- Maystre, D. *see* Loewen, E.G. 8-66910
- Maystre, D. *see* Roger, A. 8-58914
- Maystre, D. *see* Vincent, P. 8-63188
- Maza, J., Martin, P.G., Angel, J.R.P. On the composite nature of the BL Lacertae objects Markarian 421 and 501 8-93406
- Mazae, V.A., Podobeda, L.G., Korolev, A.Ya., Polyakova, E.N. Kinetics of the gasification of organosilicon binders in the production of boron nitride ceramics 8-60635
- Mazae, V.G. *see* Komogortsev, L.K. 8-85099
- Mazaki, H. Estimation of ultra-high pressure by means of the change in nuclear decay rate 8-77927
- Mazaki, H. *see* Sellam, R. 8-77929
- Mazalov, L.N. Electronic structure of the permanganate ion and the ions CrO_4^{2-} and VO_3^{2-} isoelectronic with it, from the X-ray spectra 8-86885
- Mazalov, L.N., Kravtsova, E.A., Zemskov, S.V., Nikonov, Yu.I. X-ray spectral study of the influence of an outer-sphere cation on the electronic structure of a complex anion 8-86884
- Mazalov, L.N. *see* Gluskin, E.S. 8-86847, 8-90187
- Mazalov, L.N. *see* Kondratenko, A.V. 8-86883, 8-86886
- Mazalov, L.N. *see* Krasnoperova, A.A. 8-62823, 8-86807
- Mazanec, K. *see* Matocha, K. 8-64770

- Mazanec, K.** see Pahuta, P. 8-60746
- Mazanec, K.** see Tvrdy, M. 8-60885
- Mazanikov, A.A.,** Ukolov, A.T., Fedoryuk, M.V. Active suppression of limited-frequency sound in waveguides 8-83148
- Mazanko, B.V.** see Polishchuk, V.N. 8-54746
- Mazanko, B.V.** see Shevchenko, N.G. 8-78367, 8-86473, 8-89785
- Mazars, J.** Existence of a critical strain energy release rate for concrete 8-76765
- Maze, G.,** Faure, A. Stroboscopic visualization of a surface wave travelling on a glossy metallic plane 8-79175
- Mazeau, J.,** Gresteau, F., Hall, R.I., Huetz, A. Energy and width of $N^-(P)$ from observation of its formation by dissociative attachment to N_2 and NO 8-90308
- Mazeau, J.** see Vichon, D. 8-58733
- Mazenko, G.F.,** Nolan, M.J., Valls, O.T. Application of the real-space renormalization group to dynamic critical phenomena 8-77810
- Mazenko, G.F.** see Valls, O.T. 8-87841
- Mazess, R.B.** see Witt, R.M. 8-73221
- Mazets, E.P.** see Gur'yan, Yu.A. 8-53787
- Maziasz, P.J.,** Bloom, E.E. Comparison of ^{316}Ti with 316 stainless steel irradiated in a simulated fusion environment 8-82515
- Mazieres, C.** see Esquerre, M. 8-55813
- Mazilin, I.M.** see Filimonov, S.S. 8-94574
- Mazilu, D.** see Corciovei, A. 8-64210
- Mazin, I.I.** see Maksimov, E.G. 8-92014
- Mazitov, B.S.,** Radyuk, G.A., Rasulov, E.N., Yarmukhamedov, R. On influence of parameters of optical model on spectroscopic information obtained from analysis of the (p,d) reaction 8-78340
- Mazkedian, S.** see Albertini, G. 8-95138
- Mazmanishvili, A.S.** The influence of coherent synchrotron vibrations on the SHF radiation spectrum of electrons in a storage ring 8-66438
- Mazmanishvili, A.S.,** Naugol'nyi, N.N. Statistical states of a synchrotron radiation field 8-66736
- Mazmanishvili, A.S.** see Gladkikh, P.I. 8-78875
- Mazo, R.M.** see Mou, C.Y. 8-54325
- Mazokhin-Porshnyakov, G.A.** see Vishnevskaya, T.M. 8-64988
- Mazor, E.** Geothermal tracing with atmospheric and radiogenic noble gases 8-69502
- Mazot, P.** see Besse, S. 8-75723
- Mazot, P.** see Ferron, G. 8-92307
- Mazumdar, J.,** Bucco, D. Transverse vibrations of viscoelastic shallow shells 8-83293
- Mazumdar, J.** see Jones, R. 8-51093
- Mazumdar, S.** see Soos, Z.G. 8-76008
- Mazumder, B.S.** Effect of wall conductances on hydromagnetic flow and heat transfer in a rotating channel 8-51245
- Mazur, A.I.,** Dyban, E.P., Golovanov, V.P., Davydenko, I.G. Nature of air flow and heat exchange in an impact jet system with unilateral air stream outlet 8-83449
- Mazur, J.H.** see Jura, J. 8-68846
- Mazur, P.,** van der Zwan, G. Brownian motion in a fluid close to its critical point 8-73929
- Mazur, P.** see Rall, W.F. 8-77020
- Mazur, P.** see Souza, H. 8-77019
- Mazur, V.M.** see Gurevich, G.M. 8-78348
- Mazurak, Z.,** Strek, W., Jezowska-Trzebiatowska, B. Spectroscopic properties of Nd^{+3} doped arsenate glasses 8-84624
- Mazurak, Z.** see Ryba-Romanowski, W. 8-64405
- Mazurenko, Yu.T.** see Mukhomorov, V.K. 8-85170
- Mazurina, O.V.,** Mazurina, E.K., Klyuev, V.P., Dorofeeva, N.P. Some features of the property-composition dependences of silicate glasses with high concentrations of oxide modifiers 8-67655
- Mazurin, O.V.,** Roskova, G.P., Totesh, A.S. The interpretation of the temperature dependences of the transport process in phase-separating glasses 8-87806
- Mazurin, O.V.,** Startsev, Yu.K. A simple method of calculating the relaxation of properties of glasses during an isothermal dwell period 8-67654
- Mazurina, E.K.,** Yakhkind, A.K. The optical properties of alkali aluminoborosilicate glasses 8-88277
- Mazurina, E.K.** see Mazurin, O.V. 8-67655
- Mazurkiewicz, J.** Tension in shaped strip during rolling 8-84890
- Mazurkiewicz, Z.,** Nagorski, R. On field equations for lattice shells subject to axially-symmetric load 8-79209
- Mazurow, I.B.** see Dukhanov, V.I. 8-77932
- Mazurow, V.K.** see Achkasov, Yu.M. 8-61563
- Mazyrova, L.K.** see Shapiro, A.L. 8-75466
- Mazzanti, P.** see Cannata, F. 8-66120
- Mazzaschi, J.** see Maaref, H. 8-76535
- Mazzega, E.** see Andreotti, G. 8-76857
- Mazzetti, B.,** Perona, G.E. Automatic analysis of digital diurnal ionograms 8-85699
- Mazzetti, P.** Bloch walls correlation and magnetic loss in ferromagnets 8-95456
- Mazzetti, P.** see Celasco, M. 8-56244, 8-56245
- Mazziotto, J.C.** see Huang, H.K. 8-88741
- Mazzitelli, I.** see D'Antona, F. 8-65614
- Mazzoldi, P.** Ion implantation: a fact and applications 8-59829
- Mazzoldi, P.** see Carnera, A. 8-67760
- Mazzone, D.** see Rambaldi, G. 8-76630
- Mazzone, D.** see Rossi, D. 8-59782
- Mazzone, G.,** Diana, M. Absolute measurement of the (110) scattering factor of single crystal vanadium 8-71706
- Mazzucato, E.** Low-frequency microinstabilities in the PLT Tokamak 8-67413
- Mazzucato, M.** see Bricman, C. 8-66179
- Mazzucato, M.** see Dionisi, C. 8-89735
- Mazzucato, M.** see Gavillet, P. 8-70409
- Mazzucato, M.** see Gavillet, Ph. 8-89736
- Mazzucato, M.** see Teodoro, D. 8-89767
- MCool, J.I.** see Tallian, T.E. 8-59349
- Mea, G.** Della see Della Mea, G.
- Meaburn, J.** Direct, quasi-teletentric, and teletentric combinations of interference filters with large astronomical Schmidt cameras 8-57441
- Meaburn, J.** see Davies, R.D. 8-96518
- Meaburn, J.** see Elliott, K.H. 8-77593, 8-93380
- Meaburn, J.** see Goudis, C. 8-86012, 8-96521
- Meachin, A.J.** Effects of magnetic fields on mass transfer phenomena 8-63535
- Meachin, A.J.** see Biddulph, M.W. 8-91429
- Mead, C.A.** Formally closed solution for a crystal with spatial dispersion 8-84545
- Mead, C.** Alden see Alden Mead, C.
- Mead, D.G.** Modified helium cryostat for an asymmetric Michelson interferometer 8-74053
- Mead, D.G.,** Wilkinson, G.R. Oscillatory and diffusive regime in alkali halides 8-83985
- Mead, W.C.** see Thomson, J.J. 8-59638
- Mead, W.T.,** Reed, P.E. In situ electron spin resonance tensile testing apparatus 8-85086
- Meade, D.M.** see Brown, D.I. 8-62646
- Meade, H.B.** see Bedard, A.J., Jr. 8-57357
- Meade, R.C.** see Llauro, J.G. 8-65114
- Meadows, A.J.** see Browne, G.C. 8-57493
- Meadows, A.J.** see Williams, V. 8-93074
- Meadows, B.T.** see Jacobs, S.M. 8-58197
- Meakin, J.D.** see Burton, L.C. 8-68080
- Meakin, J.D.** see Catalano, A. 8-64066
- Means, D.** see Millero, F.J. 8-73931
- Means, J.L.,** Crerar, D.A., Borscik, M.P., Duguid, J.O. Radionuclide adsorption by manganese oxides and implications for radioactive waste disposal 8-69349
- Meares, P.** Membrane separation processes. Principles, practice and prospects 8-92505
- Meason, J.L.** see Harvey, J.T. 8-78434
- Meason, J.L.** see Kuroda, P.K. 8-85396
- Measures, C.I.,** Burton, J.D. Behaviour and speciation of dissolved selenium in estuarine waters 8-57230
- Measures, R.M.** PROBE—profile resolution obtained by excitation 8-76938
- Meath, W.J.** see King-Chue Ng 8-78771
- Meath, W.J.** see Margoliash, D.J. 8-50503
- Meath, W.J.** see Mooney, J.V. 8-58639, 8-78675
- Mebold, U.** see Batchelor, R.A. 8-69863
- Mebold, U.** see Fosbury, R.A.E. 8-65693
- Mebold, U.** see Longmore, A.J. 8-65697
- Mebold, U.** see Reif, K. 8-69873
- Mecham, D.C.** see Lyczkowski, R.W. 8-94092
- Mechelen, J.B.** van see van Mechelen, J.B.
- Mecholsky, J.J.** see Freiman, S.W. 8-56794
- Mecke, H.-D.** see Grande, S. 8-52460
- Mecking, B.A.** see Arnold, R.G. 8-62521
- Mecking, H.** see Asbeck, H.O. 8-72792
- Mecklenburg, W.** Neutrino-induced associated production 8-58179
- Mecklenburg, W.** Mass splitting in high dimensional extensions of general relativity 8-89371
- Medani, M.S.,** Hasan, M.A. Phase equilibria calculations with a modified Redlich-Kwong equation of state 8-83908
- Medaris, L.G., Jr.** see Sinclair, P.D. 8-65299
- Medd, W.J.** see Andrew, B.H. 8-89267
- Medeiros, J.T.N.** see Holz, A. 8-51645
- Medeiros, L.A.** A nonlinear equation of mathematical physics 8-93513
- Medenica, R.** Study of the properties of the top and its complex motion by experimental method 8-55557
- Meder, M.R.** see Pettit, G.A. 8-91997
- Medhi, K.C.** The vibrational spectra of 2-, 3- and 4-acetylpyridine 8-74653
- Medin, S.A.** see Bituryn, V.A. 8-91164
- Medina, F.D.,** Daniels, W.B. Collision induced light scattering from fluid methane at high densities 8-68509
- Medizza, F.** see Channell, J.E.T. 8-96129
- Medland, I.C.** see Segedin, C.M. 8-67064
- Medley, S.S.** Energetic ion mass analysis using a radio-frequency quadrupole filter 8-74100
- Mednick, K.,** Lin, C.C. Self-consistent electronic structure of the chlorine-adsorbed silicon (111) surface 8-88010
- Mednick, R.L.** see Barnea, E. 8-83466
- Mednikarov, B.,** Malinowski, J. Structure and photographic characteristics of thin AgBr layers 8-49919
- Mednikarov, B.,** Malinowski, J. Evaporation conditions and photoresponse of thin AgBr layers 8-78017
- Mednikarov, B.** see Assa, J. 8-78016
- Mednis, P.M.** see Maksimov, Yu.M. 8-73918
- Medoon, V.D.** see Kirov, A.G. 8-75478
- Medrano, C.P.** see Rubio, J.O. 8-60332
- Medrano, J.A.** A comparison of CNDO and EHT-type methods when applied to the study of rotational isomerism in oxalyl halides. I. Oxalyl chloride 8-58591
- Medsker, L.R.** see Cahill, T.A. 8-69350
- Medsker, L.R.** see Fortune, H.T. 8-70548, 8-78263, 8-86477
- Medsker, L.R.** see Mateja, J.F. 8-78266
- Medved', A.V.** see Kotelyanskii, I.M. 8-95220
- Medved, D.B.** Some industrial applications of fiber optics 8-59123
- Medved', N.V.** see Gnatovskii, A.V. 8-50940, 8-78909
- Medved, N.V.** see Volyar, A.A. 8-83081
- Medved, N.V.** see Volyar, A.V. 8-59148
- Medved', V.V.** see Dzhabbarov, I. 8-87748
- Medvedchikov, V.P.** see Kondorskii, E.I. 8-76225
- Medvedenko, N.F.** see Kol'chinskii, M.Z. 8-60605
- Medvedev, A.F.** see Boguzov, S.P. 8-87513
- Medvedev, A.I.** see Sozontova, G.N. 8-80512
- Medvedev, G.G.** see Ivanov, V.V. 8-90640
- Medvedev, G.N.,** Morgunov, B.I. Resonance phenomena in some systems described by integrodifferential equations with divergent arguments 8-73832
- Medvedev, M.P.** see Kamenetskaya, D.S. 8-92323
- Medvedev, M.V.** Spin waves in a uniaxial ferromagnet with random exchange bonds of different signs 8-76233
- Medvedev, M.Z.** see Sandalov, A.V. 8-67157
- Medvedev, N.N.,** Naberukhin, Yu.I. Role of the immediate environment in the variation of the integrated strength of oscillators in solutions 8-84575
- Medvedev, V.I.** see Kravtsov, A.V. 8-50046
- Medvedev, V.K.,** Yakovkin, I.N. Modelling of an order-disorder transition in adsorbed films by the Monte-Carlo method 8-60033
- Medvedev, V.K.** see Fedorov, A.G. 8-95237
- Medvedev, V.K.** see Gupalo, M.S. 8-67912
- Medvedev, V.N.** see Krylov, V.A. 8-84614
- Medvedev, Yu.A.,** Metelkin, E.V. Nonstationary distribution functions of particles retarded in matter 8-86758
- Medvedev, Yu.A.** see Gandel'man, G.M. 8-93020
- Medvedev, Yu.A.** see Zhemerev, A.V. 8-69457, 8-86567
- Medvedeva, N.A.** see Lagarkov, A.N. 8-67327
- Medvedeva, N.V.** see Khurgin, Yu.I. 8-95992
- Medvedkin, G.A.** see Mal'tseva, I.A. 8-72200
- Medvedkov, E.P.** see Yazev, A.I. 8-73633
- Medvid', N.V.** see Gnatovskii, O.V. 8-90442
- Medvinskii, M.D.,** Ryk, V.I., Zhukov, O.N. Using a system of auxiliary sensitivity regulation in ultrasonic echo-pulse flaw detectors 8-60951
- Medwell, J.O.** see Daniels, T.C. 8-51167
- Medwin, H.** see Novarini, J.C. 8-90570
- Medyanshaya, A.A.** see Minakov, A.G. 8-52748
- Medzhitova, Z.A.** see Grin, V.P. 8-61348
- Mee, L.K.,** Adelstein, S.J., Stein, G. Radiolysis of chromatin extracted from cultured mammalian cells: production of alkali-labile strand damage in DNA 8-77003
- Meecham, W.C.** see Regan, D.R. 8-79157
- Meegan, C.A.** see Fishman, G.J. 8-93465
- Meek, K.D.** see Iverson, S.L. 8-86678
- Meeks, D.C.** see Campbell, W.J. 8-81173
- Meeks, E.L.** see Covington, D.W. 8-72741
- Meena, B.K.,** Nath, G. Nonsimilar laminar free convection flow along a nonisothermal vertical plate 8-75119
- Meena, B.K.,** Nath, G. Nonsimilar incompressible laminar boundary layers with magnetic field 8-79386
- Meenakshi, A.** see Overberger, C.G. 8-95923
- Meer, H.C.** Van Der see Van Der Meer, H.C.
- Meer, S.** van der see van der Meer, S.
- Meer, V.V.** see Kuznetsov, V.I. 8-57926
- Meerovich, I.G.,** Zaichik, L.I. A method of measuring heat conduction in a quasisteady mode with asymmetric boundary conditions and with allowance for nonlinearity 8-83208
- Meerson, B.I.,** Mikhailovskii, A.B., Pokhotelov, O.A. Excitation of Alfvén waves by fast particles in a finite pressure plasma of adiabatic traps 8-79424
- Meerson, B.I.,** Sasorov, P.V., Stepanov, A.V. Pulsations of type IV solar radio emission: the bounce-resonance effects 8-89161
- Meerson, E.E.** see Gritsenko, V.A. 8-76152
- Meertens, P.** see Van Der Valk, H.J.L. 8-68362

- Meerts, W.L.**, Ozier, I. New method for studying internal rotation in a symmetric rotor 8-94232
- Meerts, W.L.** *see* Bekooy, J.P. 8-90153
- Meerts, W.L.** *see* Reinartz, J.M.L.J. 8-62792
- Meerwall, E.D.** *von* *see* von Meerwall, E.D.
- Mees, A.I.**, Rapp, P.E. Periodic metabolic systems: oscillations in multiple-loop negative feedback biochemical control networks 8-85285
- Meese, J.M.** *see* Richardson, W.F. 8-56184
- Meessen, A.** Spacetime quantization, generalized relativistic mechanics, and Mach's principle 8-73867
- Meeten, G.H.** *see* Champion, J.V. 8-76933, 8-95567
- Meeteren, A.** *van* *see* van Meeteren, A.
- Meeus, J.** Three grazing occultations of Aldebaran in Scandinavia 1979 8-69656
- Meeus, J.** Planets and solar activity 8-69770
- Meetzes, F.C.** *see* Espinosa-Muller, A. 8-78829
- Meefert, B.** *see* Menges, G. 8-64796
- Megahed, I.Y.** *see* Ghazala, Y.A. 8-75450
- Megel, J.** *see* Galaup, J.P. 8-88322
- Megie, G.**, Chanin, M.L., Tulinov, G.Y., Doudoladov, Y.P. High latitude measurements of the atomic sodium concentration and neutral temperature at the mesopause level by the lidar technique [Franco-Soviet cooperative programme] 8-61613
- Megn, A.V.** *see* Braude, S.Ya. 8-57461, 8-57471, 8-57664
- Megrabyan, G.K.** *see* Agasyan, E.O. 8-78563
- Megtert, S.**, Pouget, J.P., Comes, R., Garito, A.F., Bechgaard, K., Fabre, J.M., Giral, L. Structural evidence of charge density waves in HMTTF-TCNQ (hexamethylene-tetrathiofulvalenium-tetracyanoquinodimethane) 8-51912
- Meguid, S.A.** A modified etching technique for revealing plastic zones in aluminium 8-72955
- Megumi, K.** A problem of ^{210}Pb geochronologies of sediments 8-81122
- Meguro, K.** *see* Esumi, K. 8-84055
- Mehaffey, J.R.**, Cukier, R.I. Kinetic theory of single particle motion in a fluid 8-59729
- Mehandru, S.P.**, Ray, N.K. Transferability of M-H bond Gaussians: a model potential study of C_2H_6 , Si_2H_6 and Ge_2H_6 systems 8-74563
- Mehandru, S.P.**, Ray, N.K. Use of a Gaussian based model potential within FSGO formalism: equilibrium geometries of some homonuclear diatomics 8-94183
- Mehandru, S.P.** *see* Bhargava, S. 8-82614
- Mehandru, S.P.** *see* Ray, N.K. 8-62717
- Mehendru, P.** *see* Mehendru, P.C. 8-76387
- Mehendru, P.C.**, Jain, K., Mehendru, P. Effect of electrode metals on the depolarisation current characteristics of PVAc thin films. IV 8-76387
- Mehendru, P.C.** *see* Gupta, N.P. 8-91700
- Mehl, J.B.** *see* Miller, R.J. 8-51766
- Mehlhorn, A.**, Dietz, F. Quantum chemistry of photographic reactions—situation and views. I 8-53229
- Mehlhorn, A.** *see* Dietz, F. 8-61034
- Mehlhorn, W.**, Breuckmann, B., Hausmann, D. Electron spectra of free metal atoms 8-50522
- Mehlhorn, W.** *see* Adam, M.Y. 8-78671
- Mehra, A.L.** *see* Bohra, M.L. 8-69921
- Mehra, J.** The birth of quantum mechanics 8-89291
- Mehra, R.M.**, Kathuria, A.K., Shyam, R., Mathur, P.C. Negative magnetoresistance of amorphous selenium and tellurium doped selenium 8-56161
- Mehrabian, R.** *see* Abbaschian, G.J. 8-56628
- Mehrabian, R.** *see* Hsu, S.C. 8-83228
- Mehrabian, R.** *see* Levi, C.G. 8-76616
- Mehrabian, R.** *see* Ramati, S.D.E. 8-80569, 8-84793
- Mehran, F.**, Stevens, K.W.H., Holtzberg, F. Excited-state exchange interactions in samarium chalcogenides 8-68374
- Mehrgardt, H.** *see* Besch, H.J. 8-93893
- Mehring, M.** *see* Becker, J.D. 8-52462
- Mehring, M.** *see* Pines, A. 8-88227
- Mehring, M.** *see* Stoll, M.E. 8-62830
- Mehrotra, K.** Polytropy in vapour grown crystals of cadmium bromide 8-72709
- Mehrotra, K.** *see* Sharma, S.D. 8-92268
- Mehrotra, K.N.** *see* Sharma, P.K. 8-64022
- Mehrotra, N.K.**, Misra, S.B.L., Somevanshi, S.K.S. Dielectric investigation of relaxation in some heterocyclic compounds 8-84520
- Mehrotra, N.K.** *see* Mitra, S.C. 8-88251
- Mehrotra, N.K.** *see* Pant, D.C. 8-75522
- Mehrotra, P.N.** *see* Mahan Rao, C.R. 8-51662
- Mehrotra, R.**, Mahanty, J. Free electron contribution to the workfunction of metals 8-56208
- Mehrotra, R.**, Pant, M.M. Long wave phonon modes and infrared absorption of a NaI slab 8-79686
- Mehrotra, S.N.**, Tolpadi, S. Electrical resistivity of BCC metals 8-76045
- Mehs, D.M.**, Niemczyk, T.M. Measurement of electron temperatures in the hollow cathode discharge 8-67445
- Mehta, A.**, Bopp, R.C., Gaur, U., Wunderlich, B. Heat capacities of linear macromolecules 8-89482
- Mehta, A.**, Gaur, U., Wunderlich, B. Equilibrium melting parameters of poly(ethylene terephthalate) 8-71837
- Mehta, A.** *see* Gaur, U. 8-65935
- Mehta, B.S.** Theoretical consideration of slowing-down density of neutrons in a spherical symmetry 8-50235
- Mehta, B.S.** Slowing-down density of neutrons in a cylindrical shell of finite height with exact boundary conditions in the age theory 8-54812
- Mehta, G.K.** *see* Chakravorty, D. 8-67858
- Mehta, G.K.** *see* Chaturvedi, S.N. 8-78342
- Mehta, G.K.** *see* Prabhakara, H.R. 8-70503
- Mehta, M.K.** *see* Balakrishnan, M. 8-54777
- Mehta, M.N.**, Verma, A.P. A singular perturbation solution of double phase flow due to differential wettability 8-59470
- Mehta, M.N.**, Verma, A.P. Composite expansion solution of fingero-imbibition in double phase flow through underground porous medium 8-79373
- Mehta, P.K.**, Faichung Hu. Further evidence for expansion of ettringite by water adsorption 8-64806
- Mehta, R.** *see* Monigold, G. 8-95619
- Mehta, S.D.** *see* Nathan, S.S. 8-88593
- Mehta, S.D.** *see* Pappu, S.V. 8-50708
- Mehta, S.K.**, Sengupta, S. Photostimulated thermoluminescence of Al_2O_3 (Si, Ti) and its application to ultraviolet radiation dosimetry 8-53511
- Mehtani, U.** *see* Hamatsu, R. 8-66141
- Mei, C.C.** Numerical methods in water-wave diffraction and radiation 8-59412
- Mei, K.K.** *see* Kuo, W.C. 8-66727
- Mei, K.K.** *see* Tremain, D.E. 8-66725
- Mei-Juan Gao** *see* Gao Mei-Juan
- Mei-Kao Liu** *see* Burton, C.S. 8-81388
- Meichle, M.** *see* Malmhall, R. 8-68019
- Meider, H.** *see* Bronzan, P. 8-76853
- Meier, D.** Pressure broadening of the NO_2 hyperfine multiplet at 93 GHz 8-90156
- Meier, D.L.** *see* Karnezos, M. 8-80143
- Meier, F.** *see* Alvarado, S.F. 8-95675
- Meier, H.** *see* Kleinknecht, H.P. 8-76775
- Meier, K.L.** Jet target intense neutron source 8-66384
- Meier, P.F.**, Kundig, W., Patterson, B.D., Ruegg, K. Local fields at positive muons in magnetic substances 8-92010
- Meier, P.F.** *see* Graf, H. 8-68438
- Meier, P.F.** *see* Matcha, R.L. 8-92467
- Meier, P.F.** *see* Patterson, B.D. 8-60373
- Meier, W.R.** *see* Maniscalco, J.A. 8-50332
- Meier-Dornberg, K.E.** *see* Hagedorn, P. 8-87297
- Meier-Ruge, W.** *see* Pataki, A. 8-69175
- Meieran, H.B.** A procedure for estimating the effect of fuel-pellet chips on the promotion of localized stresses in fuel rod cladding 8-86589
- Meieran, H.B.**, Westermann, E.U. An evaluation of the performance of $\text{ThO}_2\text{-UO}_2$ in a large PWR-type fuel rod using the LIFE-THERMAL computer code 8-86623
- Meierovich, A.E.** *see* Bashkin, E.P. 8-59995, 8-59999
- Meierovich, B.E.** *see* Lyakhovitskii, V.N. 8-63003
- Meij, J.A.M.** *van der* *see* van der Meij, J.A.M.
- Meij, S.** *see* Vinke, R.V.H. 8-81051
- Meijer, C.M.** *see* Chen, B. 8-75002
- Meijer, F.G.**, Metsch, B.C. The analysis of the fourth spectrum of tantalum, Ta IV 8-58615
- Meijer, J.J.** *see* van Nunen, J.W.G. 8-71358
- Meijer, P.H.E.** *see* Kamgar-Parsi, B. 8-56331
- Meijer, P.S.** *see* Bark, F.H. 8-55652
- Meijer, R.J.** *de* *see* de Meijer, R.J.
- Meijer, R.J.** *de* *see* de Meijer, R.J.
- Meijere, J.L.F.** *de* *see* de Meijere, J.L.F.
- Meikle, W.P.S.** *see* Palumbo, G.G.C. 8-69890
- Meille, J.P.** *see* Briguet, A. 8-72429
- Meille, V.S.** *see* Allegra, G. 8-91188
- Mein Sieng Wei** A generalization of the Kerr-Taub-NUT solution 8-49734
- Meincke, W.** *see* Bosetti, P.C. 8-70357
- Meindl, J.D.**, Dutton, R.W., Saraswat, K.C., Plummer, J.D., Kamins, T.I., Deal, B.E. Silicon epitaxy and oxidation 8-72049
- Meindl, J.D.** *see* Di Pietro, D.M. 8-53460
- Meindl, J.D.** *see* Ho, C.P. 8-56793
- Meindl, J.D.** *see* Plummer, J.D. 8-87223
- Meindl, J.D.** *see* Saraswat, K.C. 8-60199
- Meiners, L.G.** Electrical properties of the gallium arsenide-insulator interface 8-95370
- Meinhardt, J.** *see* Leibowitz, E. 8-77776
- Meinhardt, J.R.**, Leibowitz, E. Generation of metrics for charged rotating bodies 8-49735
- Meinhardt, J.R.**, Leibowitz, E. Charged stationary axi-symmetric metrics depending on arbitrary functions 8-62131
- Meinhardt, J.R.** *see* Leibowitz, E. 8-54257
- Meinhold, C.B.** *see* Bond, V.P. 8-73175
- Meinkohn, D.** Symmetry aspects in the investigation of scalar properties of molecules of a class with internal rotation 8-70959
- Meinkohn, D.** Molecules with hindered internal rotation. II. A symmetry determined investigation of the nonbonded ligand interaction 8-70960
- Meir, D.L.** *see* Sunyaev, R.A. 8-89260
- Meire, H.B.** *see* Farrant, P. 8-77092
- Meirhaeghe, R.L.** *Van* *see* Van Meirhaeghe, R.L.
- Meiron, D.I.** *see* Baker, G.A., Jr. 8-52294
- Meirovitch, L.** *see* Engels, R.C. 8-63360
- Meisel, D.D.** Fourier transforms of data sampled at unequal observational intervals 8-69697
- Meisel, L.V.**, Cote, P.J. Critical test of the diffraction model in amorphous and disordered metals 8-84191
- Meisel, L.V.** *see* Cote, P.J. 8-76065, 8-91690
- Meisels, G.G.**, Freeman, J.P., Gregory, J.P., Richardson, W.C., Sroka, G.J. Chemical effects of fission recoils. I. Energy deposition efficiencies and their dependence on surface conditions 8-80776
- Meisels, G.G.** *see* Verboom, G.M.L. 8-64808
- Meisen, A.** *see* Balasubramanian, M. 8-91019
- Meiss, J.**, Watson, K. Discussion of some weakly nonlinear systems in continuum mechanics 8-93535
- Meiss, J.D.**, Pereira, N.R. Internal wave solitons 8-59410
- Meissner, G.** Collective excitations and electrodynamic behavior of electrons in a three-layer structure 8-60079
- Meissner, G.** Low lying vibrational modes and critical behavior of uniaxial ferroelectrics 8-84539
- Meissner, J.** Combined constant strain rate and stress relaxation test for linear viscoelastic studies 8-90727
- Meissner, J.**, Marten, R.F. Estimation of mineral concentration in bone samples by backscattering of beta-rays 8-69179
- Meissner, M.**, Tausend, A., Wobig, D. Heat capacities and thermodynamic properties of α -monoclinic selenium in the range 3 to 300K 8-95162
- Meissner, U.** A finite difference-element integration scheme for long-period water wave propagation 8-75157
- Meissner, U.** An explicit finite-element model for tidal effects 8-96233
- Meissnerova, H.** *see* Sasek, L. 8-80505
- Meister, C.V.** *see* Ebeling, W. 8-75260
- Meister, G.** To the interaction between precision mechanics and precision optics 8-90535
- Meister, G.** *see* Wolters, J. 8-58390
- Meister, T.G.**, Klyndukhov, V.P. Spectroscopic determination of the H-bond enthalpy change due to the electronic excitation 8-92496
- Meister, T.G.** *see* Zelinka, G.Ya. 8-55182
- Meiswinkel, H.-G.** Water level observation by electrooptical distance measurement 8-69280
- Meixner, A.E.**, Brown, G.S., Dietz, R.E., Platzman, P.M. Inelastic electron scattering in nickel 8-92155
- Meixner, A.E.**, Schluter, M., Platzman, P.M., Brown, G.S. Inelastic electron scattering near the K edge in Be 8-52606
- Meixner, A.E.** *see* Kincaid, B.M. 8-56551
- Meixner, C.** *see* Kupschus, P.H. 8-66397
- Meixner, D.**, Heintz, A., Lichtenhaler, R.N. Vapour pressures and phase transformation enthalpies of the fluorides IF_3 , IF_5 , MoF_6 , WF_6 and UF_6 . Experimental and liquid theoretical investigation 8-51654
- Meixner, M.** *see* Hartmann, O. 8-77847
- Mejia, C.** *Ruiz* *see* Ruiz Mejia, C.
- Meka, P.R.** *see* Milety, G. 8-66417
- Mekhonoshin, V.A.**, Paskevich, A.F., Zaklyukovskii, V.I. Measuring circuits in a ratemeter-type flow detector 8-60963
- Mekhtiev, B.I.** *see* Guliev, N.A. 8-58195
- Mekhtiev, M.A.** The quasilocal acceptor levels and their influence on the kinetic and optical properties of semiconductors 8-60082
- Mekhtiev, M.A.**, Seid-Rzaeva, S.M. Quasi-local acceptor levels and electron mobility in $\text{Hg}_{1-x}\text{Cd}_x\text{Te}$ 8-67974
- Mekhtiev, M.A.** *see* Gashimzade, F.M. 8-60485
- Mekhtiev, M.I.** *see* Mamedov, K.K. 8-87796
- Mekjian, A.Z.** Explosive nucleosynthesis, equilibrium thermodynamics and relativistic heavy-ion collisions 8-69678
- Mekki, O.EI.**, Eltayeb, I.A., McKenzie, J.F. Hydromagnetic-gravity wave critical levels in the solar atmosphere 8-77531
- Mela, G.S.** *see* Chiabrera, A. 8-56956
- Melacci, P.T.** *see* Bucciarelli, T. 8-57118
- Melamid, A.Ye.** *see* Gugel', B.M. 8-95661
- Melamud, M.**, Shamir, N., Shaked, H. Magnetic form factor measurements by inelastic neutron scattering 8-52221
- Melamud, M.** *see* Shamir, N. 8-60267
- Melander, A.** Work hardening and softening in a dislocation glide plane with precipitates 8-83815
- Melander, A.**, Persson, P.A. Strength of γ' hardened nickel-base alloy 8-88501

- Melander, A. *see* Jansson, B. 8-79613
 Melashvili, T.A. *see* Kaviladze, M.Sh. 8-58088
 Melcher, J.R. The electrohydrodynamics of G.I. Taylor 8-86099
 Melcher, J.R. *see* Dietz, P.W. 8-63491
 Melcher, J.R. *see* Withers, R.S. 8-88660
 Melcher, J.R. *see* Zuercher, J.C. 8-88639
 Melcher, R.L. *see* Fossheim, K. 8-52443
 Melchior, K. *see* Kalbfleisch, H. 8-52258
 Melchior, P. *see* Ducarme, B. 8-57160
 Melchiorri, B. *see* Caderni, N. 8-73778, 8-73779
 Melchiorri, B. *see* Guidi, I. 8-93118
 Melchiorri, B. *see* Wegmann, H.M. 8-85813
 Melchiorri, F. *see* Aiello, S. 8-54041
 Melchiorri, F. *see* Caderni, N. 8-73778, 8-73779
 Melchiorri, F. *see* Guidi, I. 8-93118
 Melchiorri, F. *see* Wegmann, H.M. 8-85813
 Meldner, H.W. *see* Blink, J.A. 8-58451
 Meldner, H.W. *see* Maruhn, J.A. 8-54709
 Meldrum, S.J. The principles underlying Dinamap—a microprocessor based instrument for the automatic determination of mean arterial pressure 8-96108
 Mele, A. *see* Nguyen Xuan, C. 8-78750
 Mele, E.J., Joannopoulos, J.D. Theory of metal-semiconductor interfaces 8-52087
 Mele, E.J., Joannopoulos, J.D. Electronic states at unrelaxed and relaxed GaAs (110) surfaces 8-56203
 Mele, E.J., Joannopoulos, J.D. Intrinsic surface states and Fermi-level pinning at metal-semiconductor interfaces 8-95319
 Mele, E.J. *see* Joannopoulos, J.D. 8-91535
 Melekhin, V.G. *see* Dvornikov, I.V. 8-82749
 Meleshina, V.A. *see* Taraskin, S.A. 8-67737
 Meleshko, E.A. *see* Artemyev, A.N. 8-66447
 Meleshko, E.A. *see* Klimov, A.I. 8-77868
 Meleshko, V.V. On some characteristic features of high-frequency spectrum of elastic discs 8-85283
 Melezhiuk, V.S., Ponomarev, L.I. Vacuum-polarization in μ -mesic molecules of hydrogen isotopes 8-78841
 Mel'gui, M.A., Timoshenko, N.N., Aisin, R.G., Bondarenko, V.A. Magnetic nondestructive inspection of low-carbon cold-rolled strip and ribbon 8-60913
 Melia, F., Lo, S. Linear plane wave solutions in the Yang-Mills theory 8-74151
 Melidis, K. On the temperature dependence of the Hall effect and electrical resistivity of Cd, Zn, and Mg single crystals 8-64030
 Melik-Alaverdyan, Yu.K. The distribution of O-B stars 8-93216
 Melik-Alaverdyan, Yu.K. *see* Vardanyan, R.A. 8-61926
 Melik-Barkhudarov, T.K. Interaction between a two-level system and a strong monochromatic wave and a thermostat 8-78983
 Melik-Gaikazyan, I.Ya., Vaisburd, D.I., Lavryashina, T.V. A vacancy-enriched surface layer in filamentary NaCl crystals 8-51536
 Melik-Gaikazyan, I.Ya. *see* Fesun, A.V. 8-84666
 Melikhov, Yu.F. *see* Otpushchennikov, N.F. 8-51642
 Melikhov, Yu.V. *see* Gorobets, Yu.I. 8-88161
 Meliksetyan, T.E. *see* Arutyunyan, V.M. 8-71145
 Melikyan, A.M. *see* Melikyants, A.G. 8-53351
 Melikyan, K.S. On the calculation of spherical aberration of a concentric objective 8-71184
 Melikyan, M.A. *see* Adamyan, V.E. 8-88101
 Melikyants, A.G., Malenkov, A.G., Melikyan, A.M. Investigation of the mechanical properties of the intercellular contacts of the epithelium of the small intestine 8-53351
 Melin, J. *see* Battalán, D. 8-84129
 Melinkat, R. *see* Kux, J. 8-69262
 Melinte, S., Leanca, M., Moise, M. Interdependence between the structure of PET fibres and thermal contraction 8-91259
 Melios, C.V. *see* Molina, M. 8-88637
 Melius, C.F. *see* Topiol, S. 8-55121
 Mel'kanovich, A.F., Liventsova, L.B. Measuring the sensitivity of piezoelectric transducers 8-49821
 Mel'kanovich, A.F., Perlatov, V.G. Measuring the parameters of piezoelectric materials and cells 8-72989
 Mel'kanovich, A.F., Zonov, I.V. Determining the directivity of transducers operating in a pulse mode 8-71258
 Melkumyan, G.H., Shekoyan, A.V. On the theory of self-action of ultrasonic and hypersonic waves 8-75010
 Mell, H., Movaghar, B., Schweitzer, L. Magnetic field dependence of the photoconductivity in amorphous silicon 8-80023
 Mell, H. *see* Beyer, W. 8-84314
 Mellanby, K. *see* Benham, D.G. 8-73548
 Melle, W. *see* Enderl, H. 8-59058
 Mellen, R.H., Browning, D.G. Attenuation in surface ducts 8-63231
 Mellen, R.H., Moffett, M.B. A numerical method for calculating the nearfield of a parametric acoustic source 8-63221
 Mellen, R.H. *see* Moffett, M.B. 8-63219
 Meller, J. *see* Teichholz, L.E. 8-80938
 Meller, K. *see* Kumpf, G. 8-89848
 Melli, P., Runca, E. Determination of Gaussian plume model parameters from the integration of the diffusion-convection equation 8-81399
 Melliar-Smith, C.M. Crystal defects in silicon integrated circuits—their cause and effect 8-88547
 Melliar-Smith, C.M. *see* Strehblow, H.-H. 8-92395
 Mellink, J.H. *see* Nijweide, P.J. 8-65089
 Mellman, G.R., Helmberger, D.V. A modified first-motion approximation for the synthesis of body-wave seismograms 8-73315
 Mello, P.A. *see* French, J.B. 8-86216
 Mellor, B.G. *see* Kirchner, H.O.K. 8-60668
 Mellor, G.L. *see* So, R.M.C. 8-59382
 Mellor, P.B. *see* Tadros, A.K. 8-80573
 Mellottee, H. *see* Cochet, G. 8-52681
 Mel'nan, M.M., Nepskiy, A.S. Radiative heat transfer in gas impinging onto a heated surface 8-90674
 Melmed, A.J., Carroll, J.J. Manual ellipsometry made semiautomatic 8-89526
 Melmed, A.J. *see* Lashmore, D. 8-84111
 Melmed, A.J. *see* Tsong, T.T. 8-92584
 Melnichenko, P.P. *see* Solntsev, G.S. 8-63630
 Melnichenko, I.A. *see* Aleshin, Yu.D. 8-89732
 Melnichenko, I.I., Khokhlov, V.A. Methods for improving the effectiveness of minimisation algorithms in the determination of parameters of bands of a complex spectrum 8-74074
 Melnichenko, I.I., Khokhlov, V.A. The separation of the complex spectrum into single components and the analysis of the effectiveness of optimisation 8-82051
 Mel'nikchenko, V.V. *see* Butenko, L.P. 8-82537
 Mel'nikchenko, Yu.B. *see* Bulavin, L.A. 8-79758
 Mel'nichuk, I.V. *see* Freik, D.M. 8-64147
 Melnick, G., Gull, G.E., Harwit, M., Ward, D.B. Observations of the 51.8 micron [O III] emission line in Orion 8-65510
 Melnick, G. *see* Dennison, B. 8-53818
 Mel'nik, A.P. *see* Anatyshuk, L.I. 8-70129
 Mel'nik, B.A. Determination of the density of liquid metals by X-ray diffraction measurements 8-75529
 Melnik, D. *see* Kalinsky, D. 8-54783
 Melnik, N.N. *see* Allakhverdiev, K.R. 8-71800
 Melnik, N.N. *see* Faradjev, F.E. 8-76478
 Mel'nik, N.N. *see* Mavrin, B.N. 8-88313
 Melnik, N.N. *see* Vodopyanov, L.K. 8-60433
 Mel'nik, P.V. *see* Kanchenko, V.A. 8-92152
 Mel'nik, P.V. *see* Koval', I.F. 8-60042
 Melnik, P.V. *see* Koval', I.P. 8-92154
 Melnik, V.K. *see* Kozdoba, L.O. 8-90625
 Mel'nikov, A.P. *see* Aleksandrov, V.N. 8-92100
 Mel'nikov, B.N. *see* Bol'shakov, A.S. 8-73310, 8-88142
 Mel'nikov, E.V. *see* Virnik, A.M. 8-94946
 Mel'nikov, I.V., Savikovskii, L.A., Semenov, E.N., Filippovich, A.N. Eddy-current inspection of the hardening and tempering quality of thin walled bearing races 8-95892
 Mel'nikov, V. *see* Kovalev, V. 8-91458
 Mel'nikov, V.D. *see* Bespyatykh, A.S. 8-93657
 Melnikov, V.I. *see* Gogolin, A.A. 8-79984
 Mel'nikov, V.I. *see* Kuz'menko, V.M. 8-72301
 Mel'nikov, V.I. *see* Larkin, A.I. 8-88405
 Melnikov, V.N. *see* Ivanov, L.I. 8-95085
 Mel'nikova, A.M. *see* Chernov, A.A. 8-79543
 Mel'nikova, I.G. *see* Borisov, B.A. 8-68961
 Mel'nikova, I.G. *see* Garibin, E.A. 8-71167
 Mel'nikova, L.L. *see* Annaev, R.G. 8-79905
 Melnikova, N.N. *see* Dombeck, T. 8-82255
 Melnikova, O.F. *see* Polyakhov, N.N. 8-73836
 Mel'nikova, S.V. *see* Vasil'ev, G.G. 8-91442
 Melo, L.C. *see* de Melo, L.C.
 Melone, S. *see* Albertini, G. 8-95138
 Melone, S. *see* Boeuf, A. 8-75496, 8-79505, 8-83655
 Melone, S. *see* Dubini, B. 8-94985
 Meloni, S. *see* Ganzerli-Valentini, M.T. 8-69389
 Melosh, H.J. Dynamic support of the outer rise 8-81116
 Melosh, H.J., Dzurisin, D. Mercurian global tectonics: a consequence of tidal despinning? 8-85874
 Melrose, D.B., Dulk, G.A., Smerd, S.F. The polarization of second harmonic plasma emission 8-65579
 Melrose, D.B., Stoneham, R.J. The natural wave modes in a pulsar magnetosphere 8-69822
 Melton, J.G., Dike, R.S., Hanks, K.W., Nunnally, W.C. Development of the switching components for ZT-40 8-55036
 Melton, J.G. *see* Hansborough, L.D. 8-55006
 Meltzer, C.M. *see* Roberts, T.J. 8-82392
 Meltzer, R.S., Rives, J.E. High energy phonon spectroscopy using a pulsed tunable dye laser 8-83893
 Melville, D., Al-Rawi, K.M. High-field magnetostriiction and magnetization of DyFe₂ and TbFe₂ 8-84471
 Melville, D. *see* Khan, W.I. 8-76240, 8-84414, 8-91898
 Melville, D. *see* Mattocks, P.G. 8-64198
 Melvin, J.D., Shapiro, M.H., Copping, N.A. An automated radon-thoron monitor for earthquake prediction research 8-75332
 Mely, B. *see* Charvolin, J. 8-59746
 Mely Chen Chi, Gyorgy, E.M., Alben, R. Computer simulation of wall pinning effect and intrinsic coercivity of thin domain walls 8-64217
 Melzer, J.E. *see* Steinfeld, J.I. 8-82060
 Melzer, J.E. *see* Sutton, D.G. 8-51376
 Melzner, F., Metzner, G., Antrack, D. The GEOS electron beam experiment S 329 8-93075
 Memediyayev, Z.N. *see* Gel'perin, N.I. 8-59461
 Men', A.A. Energy transfer in a heat-conducting medium with arbitrary scattering of thermal radiation 8-94507
 Men', A.N. *see* Shekhovtsova, L.K. 8-51704
 Men', B.A., Sinitskii, I.A. Determination of the phase transition temperature in magnetic alloys by the branching theory method 8-68235
 Mena, B. *see* Manero, O. 8-63463, 8-79391
 Menard, H., LeBlond-Routhier, F. Dropping mercury electrode for polarography in glass-corroding media 8-61090
 Menard, H.W. Fragmentation of the Farallon plate by pivoting subduction 8-77208
 Menard, H.W. *see* McNutt, M. 8-53630
 Menard-Bourcin, F. *see* Doyennette, L. 8-86934
 Menat, M. *see* Chavet, I. 8-82555
 Mencaraglia, D. *see* Baixeras, J. 8-56183, 8-64155
 Mencaraglia, F. *see* Aiello, S. 8-54041
 Menchaca-Rocha, A. *see* Doli, P. 8-70558
 Menchetti, S., Sabelli, C. The crystal structure of Na₂[B₄O₆(OH)₂] 8-51479
 Menchev, Yu.P. *see* Fesenko, A.I. 8-57951
 Menuccini, C. *see* Baldini-Celio, R. 8-89724
 Mende, F.F., Spitsyn, A.I., Tereshchenko, N.A., Rudnev, O.E. Absolute value of the surface reactance and penetration depth in superconducting lead 8-68109
 Mende, H.H. *see* Kaiser, H.-J. 8-92413
 Mendel, C. *see* Pousse, A. 8-80851
 Mendel, C.W. *see* Chang, J. 8-51358
 Mendel, C.W., Jr., Goldstein, S.A. Electron beam pinching from discrete large diameter cathodes 8-50318
 Mendel, J.M. Bremmer series decomposition of solutions to the lossless wave equation in layered media 8-53738
 Mendel, J.M., Kormylo, J. Single-channel white-noise estimators for deconvolution 8-77345
 Mendel, J.M. *see* Nahi, N.E. 8-73324
 Mendel, R., Revzen, M. Doppler shift in third and fourth sound in ³He-He mixtures 8-56017
 Mendell, D.S. Real-time interferometer phase detection using an LSI-11 microcomputer and high-speed digital techniques 8-71545
 Mendell, D.S., Willett, G.W. A versatile real-time interferometer phase-detection system using high-speed digital techniques 8-62629
 Mendels, E. Feynman diagrams without Feynman parameters 8-49970
 Mendelsohn, M.L. *see* Dean, P.N. 8-77162
 Mendelson, K.S., Schwacher, D. Mean potential and field in a random dielectric 8-55271
 Mendenhall, K.G. *see* Alderson, P.O. 8-65113, 8-85362
 Mendez, A.M. Acoustic insulation 8-55516
 Mendez, A.M. Acoustic insulation. II. Double wall insulation 8-66985
 Mendez, A.M. Acoustic insulation. III 8-87207
 Mendez, H.A. Shielding theory of enclosures with apertures 8-55282
 Mendez, R.H., Niemela, V.S., Lee, P. A-type central stars of planetary nebulae. I. A radial-velocity study of the central stars of NGC 2346 and NGC 3132 8-81629
 Mendia, J.E. Palaeomagnetism of alkaline lava flows from El Salto-Almafuerte, Cordoba Province, Argentina 8-85471
 Mendiguren, J.A., Richter, F.M. On the origin of compressional intraplate stresses in South America 8-61385
 Mendiratta, M.G., Petrovic, J.J. Slow crack growth from controlled surface flaws in hot-pressed Si₃N₄ 8-80632
 Mendiratta, R.G. *see* Pillai, P.K.C. 8-52034
 Mendiratta, R.G. *see* Suri, S.K. 8-68435
 Mendis, D.A., Brin, G.D. Monochromatic brightness variations of comets. II. Core-mantle model 8-81589
 Mendis, D.A., Brin, G.D. On the monochromatic brightness variations of comets 8-81590
 Mendis, D.A. *see* Ip, W.-H. 8-93156
 Mender, N., Habild, W., Kapeller, B., Sebening, F. Automated cardiac output determination by indicator dilution in a computerized patient monitoring system 8-81022
 Mendlowitz, H. *see* Glass, S.J. 8-58149

- Mendonca, I.**, Mendonca, J.T. Drift waves in a turbulent plasma with magnetic shear 8-75330
- Mendonca, J.T.** *see* Mendonca, I. 8-75330
- Mendoza, E.** *see* Kagan, M.H. 8-86096
- Mendoza, E.E.** H α and O I photometry of Ap stars 8-81640
- Mendoza V., E.E.**, Gomez, T., Gonzalez, S. UVRI photometry of 225 Am stars 8-69799
- Menegalli, S.** *see* Antonini, B. 8-68339
- Meneghetti, D.** *see* Foltman, A.J. 8-86610
- Meneghetti, D.** *see* Koenig, J.F. 8-86595
- Meneghini, R.** Rain-rate estimates for an attenuating radar 8-73540
- Meneghini, R.** *see* Le Vine, D.M. 8-73442
- Menegozzi, L.N.**, Lamb, W.E., Jr. Laser amplification of incoherent radiation 8-5534
- Menemenlis, C.**, Shirmohammadi, D. Growth of a positive leader in long nonuniform air gaps 8-75444
- Menendez, M.G.**, Duncan, M.M. Collisional electron detachment of H $^{-}$: a complete angular distribution 8-66650
- Meneses, E.A.** Undulation spectra in GaSe_{0.9}Te_{0.1} associated with acceptor complexes 8-80392
- Menet, J.** *see* Koang, D.H. 8-74388
- Menez, R.** *see* Magdelenat, H. 8-76875
- Menezes, L.C.** *see* Rauh, A. 8-51918
- Menezes, O.L.T.** *de* *see* Menezes, O.L.T.
- Menfai Shiu** *see* Huang, H.K. 8-73243
- Meng, C.I.** *see* Akasofu, S.-I. 8-61666
- Meng, C.-I.** *see* Caan, M.N. 8-89007
- Meng, C.-I.** *see* Lui, A.T.Y. 8-61665, 8-96357
- Meng-Lein Lee** *see* Burrell, D.C. 8-69371
- Mengden, H.-J.** *von* *see* von Mengden, H.-J.
- Mengel, F.** *see* Danielsen, M. 8-79018
- Menges, G.**, Meffert, B. The influence of the rate of deformation on the mechanical properties of reinforced plastics 8-64796
- Menges, G.** *see* Opfermann, J. 8-76758
- Menges, G.** *see* Putz, D. 8-52902
- Menichetti, E.** *see* Borreani, G. 8-82232
- Menil, F.** *see* Grenier, J.-C. 8-76640
- Menlove, H.O.** Nondestructive analysis methods for the measurement of special nuclear materials 8-82443
- Menlove, H.O.**, Crane, T.W. A ²⁵²Cf based non-destructive assay system for fissile material 8-73119
- Menlove, H.O.** *see* Ensslin, N. 8-82444
- Menne, T.J.** *see* Richardson, R.J. 8-87065
- Mennessier, M.O.**, Martinet, L. Orbits in a slowly growing spiral field near the corotation resonance in a galaxy 8-61891
- Menniger, H.**, Voigt, G., Raidt, H., Fabig, H., Maege, J. Scanning electron microscopic investigations of GaP 8-83695
- Menningen, M.** *see* Rinneberg, H. 8-95535
- Menninger, H.**, Raidt, H., Voigt, G. On investigations of inhomogeneities in GaP monocrystals by cathodoluminescence in the scanning electron microscope 8-91340
- Mennini, G.** *see* Cavallini, F. 8-54828
- Menon, C.S.**, Philip, J. Third order elastic constants of V₃Si and V₃Ge 8-88490
- Menon, C.S.** *see* Philip, J. 8-55906
- Menon, E.S.K.**, Mukhopadhyay, P. Incompressibility of atoms in intermetallic phases with L1₂ and D0₁₉ structures: a lattice parameter approach 8-91294
- Menon, E.S.K.** *see* Unnikrishnan, M. 8-68697
- Menon, G.**, Thattey, A.S. Production of zinc bicrystals by modified Bridgman technique 8-60563
- Menon, K.A.P.** *see* Hariharan, R. 8-53566
- Menon, K.R.** *see* Adams, M.J. 8-87085
- Menon, M.** Changes in pheromone production, release, mating behaviour and reproductive ability of the gamma-irradiated cockroach *Nauphoeta cinerea* (Olivier) 8-85341
- Menon, M.M.** *see* Dagenhart, W.K. 8-54967
- Menon, M.M.** *see* Gardner, W.L. 8-62660, 8-82075
- Menon, M.M.** *see* Wheaton, J.H. 8-87005
- Menon, M.P.** Radioreagent methods of chemical analysis 8-80814
- Menotti, P.** *see* Caracciolo, S. 8-82105
- Menoufy, M.E.I.** *see* Levinson, M. 8-83299
- Mense, A.T.**, Attenberger, S.E., Houlberg, W.A. Fueling profile sensitivities of trapped particle mode transport for TNS 8-58421
- Mense, A.T.** *see* Houlberg, W.A. 8-66421
- Mense, A.T.** *see* Peng, Y.-K.M. 8-58419, 8-66422
- Men'shikov, A.Z.**, Kazantsev, V.A., Sidorov, S.K., Teplykh, E.A. Antiferromagnetism of FCC iron and its alloys 8-88124
- Men'shikov, A.Z.**, Sidorov, S.K., Teplykh, A.E. Magnetic state of γ -Fe-Ni-Cr alloys in the critical concentration region 8-68160
- Men'shikov, A.Z.** *see* Tsurin, V.A. 8-56630
- Men'shikova, T.S.** *see* Tsykanov, V.A. 8-86582
- Men'shikova, T.Ya.** *see* Sedunov, V.K. 8-95830
- Mensing, P.** *see* Fiedler, H. 8-94668
- Mensky, M.B.** Group of parallel transports and description of particles in curved space-time 8-54602
- Mentel, J.** *see* Branston, D.W. 8-71590
- Menth, A.** *see* Nagel, H. 8-91897
- Mentus, S.V.**, Susic, M.V. The electric conductivity of the molten systems BiBr₃-HgBr₂ and BiBr₃-CdBr₂ 8-55965
- Mentzen, B.** *see* Claudel, B. 8-75653
- Mentzoni, M.** *see* Kay, A. 8-83618
- Menyhard, M.** Determination of grain boundary segregation by surface studies 8-80551
- Menyhard, M.** *see* Kele, A. 8-92212
- Menyhard, N.** Generalised Ginzburg-Landau theory of weakly coupled metallic chains 8-60068
- Menyhard, N.** Generalized Ginzburg-Landau theory of weakly coupled metallic chains 8-91626
- Menz, H.E.** *see* Claassen, B. 8-85093
- Menz, W.**, Moore, E.B., Hu, H.L. Wall state stability of bubbles in uniaxial double-layer LPE films 8-95497
- Menze, D.** *see* Althoff, K.H. 8-66125
- Menzel, D.** Core level photoemission from adsorption layers 8-95673
- Menzel, D.**, Fuggle, J.C. SI units in surface science: A proposal for the replacement of Langmuirs and exposure 8-62175
- Menzel, D.** *see* Fuggle, J.C. 8-84702
- Menzel, E.R.**, Jordan, K.J. Fluorescence of solid metal-free phthalocyanine 8-80388
- Menzel, G.** *see* Schafer, A. 8-84323
- Menzel, J.** *see* Denner, H.D. 8-49842
- Menzel, R.**, Erber, J., Greggers, U. On-line computation of photoreceptor spectral sensitivity—a low-cost solution with a programmable pocket calculator 8-69264
- Menzies, I.A.** *see* Tomlinson, W.J. 8-72931
- Menzies, M.M.**, Rama Murthy, V. Strontium isotope geochemistry of Alpine tectonite herzolites: data compatible with a mantle origin 8-65302
- Menzies, R.T.** NASA Space Shuttle laser experiments 8-53793
- Menzies, R.T.** Atmospheric monitoring using heterodyne detection techniques 8-61605
- Menzies, R.T.** Laser spectroscopy relevant to stratospheric photochemistry 8-88951
- Menzies, R.T.** *see* Margolis, J.S. 8-70872
- Menzinger, F.** *see* Bosi, P. 8-75757, 8-95122
- Meolans, J.-G.** *see* Nicoli, C. 8-62877
- Mera, M.** *see* Morii, K. 8-60712
- Meramedjian, H.N.** *see* Kissel, Ph.P. 8-55051
- Merbach, A.E.** *see* Earl, W.L. 8-89517
- Mercau, N.** *see* Arco, R. 8-66682
- Mercea, P.** *see* Bogdan, M. 8-68394
- Mercea, V.** *see* Ardelean, P. 8-85141
- Mercea, V.** *see* Chereji, I. 8-93115
- Mercer, T.T.** Respirable fraction of airborne dust: Quantitative descriptions, formal definitions, and performance characteristics of samplers matched to them 8-53438
- Mercereau, J.E.** *see* Franson, J.D. 8-76191
- Mercereau, J.E.** *see* Strongin, M. 8-88053
- Mercey, C.**, Groult, D., Raveau, B. Insertion of Li in oxides of the type A₃M₂O₂₁: the compound LiBa₃M₂Ti₂O₂₁ 8-91324
- Merchant, H.C.** *see* Wahi, K.K. 8-69117
- Merchant, H.D.** *see* Ali, E.S.M.T. 8-52841
- Merchant, P.**, Elbaum, C. Anisotropic conductivity in plastically deformed ZnS 8-56143
- Merchant, V.E.** Collision induced dissociation of laser irradiated silicon tetrafluoride 8-66613
- Merches, M.**, Sankar, S.G., Wallace, W.E. Effect of substitution of nickel on the magnetic properties of Sm₂Co₁₇ 8-68296
- Merchez, F.** *see* Nguyen Van Sen 8-50210
- Mercier, C.** Reply to the paper 'Solar radio type III bursts and coronal density structures' by Y. Leblanc and J. de la Noe 8-77544
- Mercier, C.** *see* Adam, J. 8-71473
- Mercier, E.**, Guillot, G., Nouailhat, A. Role of V_i centers in the equilibria among centers created by electron irradiation at 4K in KBR 8-67712
- Mercier, E.** *see* Nouailhat, A. 8-76533
- Mercier, J.** *see* Massenet, O. 8-52233
- Mercier, J.L.** *see* Hamburger, J. 8-94583
- Mercier, O.** Dislocation damping during electron irradiation: a new model for the 'peaking effect' 8-87683
- Mercier, R.**, Sourisseau, C. Vibrational spectra and calculation of the force field of claudetite I, (As₂O₃)_n 8-60447
- Mercier, R.** *see* Sourisseau, C. 8-50549
- Merckel, G.**, De Pontcharra, J. Surface characterization—C-V technique 8-72276
- Mercurio, J.P.** *see* Berrada, A. 8-60541
- Mercurio, J.P.** *see* Tran Minh Duc 8-84703
- Merdinger, J.C.** *see* Haas, B. 8-54675
- Merdjanian, H.** *see* Zemany, P.D. 8-66117
- Meredith, D.J.** *see* Smith, B.S. 8-91389
- Meredith, G.R.** *see* Bernstein, E.R. 8-67992
- Meredith, R.E.** *see* White, K.O. 8-92973
- Merenda, P.** *see* Pearsall, T.P. 8-56591
- Merenkov, Yu.F.** *see* Brevea, A.V. 8-94842
- Merer, A.J.**, Hallin, K.-E.J. The temperature dependence of the 8920 Å band of NO₂ and the location of the 000-000 band of the A²B₂-X²A₁ transition 8-70826
- Meresse, A.** *see* Chanh, N.B. 8-75829
- Mereu, R.F.** A computer program to obtain the weights of a time-domain wave-shaping filter which is optimum in an error-distribution sense 8-77351
- Mereu, R.F.** Stability characteristics of a new inverse filter which is optimum in an error-distribution sense 8-81424
- Mereu, R.F.** *see* Ram, A. 8-65211
- Merezhinskii, K.Yu.** *see* Zarichnyak, Yu.P. 8-88448
- Merezhkin, V.G.** The structure of magnetic field perturbations during the growth of a disruptive instability in Tokamak T-6 8-59560
- Merian, M.** *see* Etchepare, J. 8-51627, 8-59893, 8-75750
- Meric, R.A.** The influence of a magnetic field on free convection in a finite vertical channel 8-67270
- Meriel, P.** *see* Abragam, A. 8-88226
- Merienne, E.** *see* Balossier, G. 8-62268
- Merienne-Lafore, M.F.** *see* Vervloet, M. 8-74688, 8-86907
- Merilainen, P.** Propagation and excitation of membrane waves loaded by air 8-90578
- Meriloo, I.A.** *see* Abramov, V.N. 8-84605
- Meringo, A.H.** *de* *see* De Meringo, A.H.
- Merinov, G.N.** *see* Nabotnov, Yu.N. 8-72869
- Merisalo, M.**, Jarvinen, M. Anharmonicity of lattice vibrations in white tin by X-ray measurement of almost-forbidden reflections 8-51624
- Merisalo, M.**, Kurittu, J. Correction of integrated Bragg intensities for anisotropic thermal scattering 8-67614
- Merisalo, M.**, Peljo, E., Soininen, J. Evidence for anharmonic interactions in cadmium from elastic X-ray scattering 8-75755
- Merisov, B.A.** *see* Berner, Kh. 8-68007
- Merisov, B.A.** *see* Chernyak, N.A. 8-54365
- Merit, L.** *see* Badelek, B. 8-90011
- Meriwether, J.W., Jr.**, Torr, D.G., Walker, J.C.G., Nier, A.O. The O⁺(²P) emission at 7320 Å in twilight 8-88962
- Merkel, G.V.** *see* Bogdanovich, P.O. 8-70791
- Merker, G.P.**, Grigull, U. Onset of convection in a semi-infinite layer with non-linear density-temperature relation 8-94697
- Merkin, A.A.** *see* Zaitsev, V.G. 8-82925
- Merkin, J.H.** Free convection boundary layers on cylinders of elliptic cross section 8-90877
- Merkle, F.**, Muuss, H. Recognition of bubble chamber events with optical correlation 8-70704
- Merkle, K.** Variation in U.V. primary fluorescence-intensity of vital cells depending on ⁶⁰Co γ -radiation dose 8-69142
- Merkle, K.L.** *see* Averback, R.S. 8-79637
- Merkle, L.D.**, Powell, R.C., Wilson, T.M. Radiationless processes in KCl:Eu²⁺ [time-resolved and photoacoustic spectroscopy] 8-80391
- Merklin, J.F.** *see* Holland, J.P. 8-74459
- Merkoulou, V.S.** *see* Leycuras, C. 8-68482
- Mers, R.P.J.**, de Beer, R. Linear electric field effect on the ground state splitting of Mn²⁺ in La₂Mg₃(NO₃)₁₂·24H₂O 8-80198
- Merkul'ev, Yu.A.** *see* Ginnodman, V.B. 8-86688
- Merkulov, A.I.**, Radautsan, S.I., Tzelevan, V.E. The effect of the degree of doping on magneto-electrical properties of n-CdCr₂Se₄ monocrystals 8-72174
- Merkulov, I.A.** *see* Lanskaya, T.G. 8-88006
- Merkulov, L.A.** *see* Matora, I.M. 8-74516
- Merkulov, S.Yu.** *see* Gurevich, G.M. 8-78348
- Merkulov, V.S.**, Rudashevskii, E.G., Le Gall, H., Leikyras, C. Investigation of birefringence in hematite at uniaxial mechanical stress in a magnetic field 8-88285
- Merkur'ev, S.P.** *see* Baz', A.I. 8-54578
- Merkushev, I.R.** Determination of the effective energy cut-off of gadolinium and cadmium 8-86573
- Merkushev, V.A.** *see* Nemanov, M.S. 8-85081
- Merkwitz, M.** *see* Brasse, F.W. 8-78194
- Merle, A.-M.**, Campion, A., El-Sayed, M.A. The two-photon excitation spectrum of triphenylene in n-heptane single crystals 8-82760
- Merle, A.-N.**, Kooter, H.A., Lamotte, M., Amiel, J. Electron spin resonance spectrum and orientation of triphenylene in n-heptane single crystals 8-91928
- Merle, J.**, Le Floch, J. Mean annual cycle of sea temperature in the upper layers of the Inter-tropical Atlantic Ocean 8-96227
- Merle, J.** *see* Moore, D. 8-88836
- Merle, J.-C.**, Capizzi, M., Fiorini, P., Frova, A. Uniaxially stressed silicon: Fine structure of the exciton and deformation potentials 8-88301
- Merle, K.** *see* Auld, E.G. 8-90111
- Merle, P.** *see* Ameziane, E.L. 8-75764
- Merle, P.** *see* Camassel, J. 8-88352
- Merle, P.** *see* Lascaray, J.P. 8-95578
- Merle, P.** *see* Merlin, J. 8-76693
- Merle D'Aubigne, Y.** *see* Le Si Dang 8-72405
- Merli, P.G.**, Pozzi, G. Stationary phase approximation of defocused images of p-n junctions 8-67628

- Merlin, J.**, Merle, P., Fouquet, F., Pelletier, J.M. Anelastic phenomena and structural state in aluminium silver alloys 8-76693
- Merlin, J.** *see* Pelletier, J.M. 8-52862
- Merlin, R.**, Guntherodt, G. Reply to 'Comments on the paper "Anti-Stokes luminescence in europium monochalcogenides"' 8-60515
- Merlin, R.**, Guntherodt, G., Humphreys, R., Cardona, M., Suryanarayanan, R., Holtzberg, F. Multiphonon processes in YbS 8-84581
- Merlin, R.**, Guntherodt, G., Zeyher, R., Kress, W., Grunberg, P., Canal, F. Spin-disorder induced phonon Raman scattering in europium monochalcogenides 8-60457
- Merlin, R.** *see* Guntherodt, G. 8-60464, 8-92080
- Merlivat, L.** The dependence of bulk evaporation coefficients on air-water interfacial conditions as determined by the isotopic method 8-85576
- Merlo, F.** *see* Bruzzone, G. 8-83793
- Merlo, T.A.** *see* Sheridan, J.R. 8-66635
- Merlo, U.** *see* Cavallaro, A. 8-57109
- Merlo, U.** *see* Fedi, F. 8-53685, 8-53690
- Mermaz, M.** *see* Olmer, C. 8-82379
- Mermaz, M.C.** *see* Gelbke, C.K. 8-74399
- Mermelstein, M.D.**, Cummins, H.Z. Dynamic central peak in ferroelectric KH_2PO_4 8-84538
- Mermelstein, P.** Difference limens for formant frequencies of steady-state and consonant-bound vowels 8-53426
- Mermet, J.M.** *see* Boutilier, G.D. 8-82680
- Mermet, J.M.** *see* Jarosz, J. 8-67417
- Mermikides, M.E.** *see* Michaelidou, C. 8-93904
- Mermin, N.D.** Superfluidity in helium-3 8-59997
- Mermin, N.D.** The homotopy groups of condensed matter physics 8-63752
- Mermoud, A.** *see* Baldi, R. 8-50050, 8-50052
- Mermoud, A.** *see* Martin, A.D. 8-50051, 8-50053, 8-82230
- Mernin, J.M.** *see* Trumble, R.R. 8-61962
- Merrick, H.F.**, Floreen, S. The effects of microstructure on elevated temperature crack growth in nickel-base alloys 8-52977
- Merrill, J.C.**, Lambrecht, R.M., Wolf, A.P. Cyclotron isotopes and radiopharmaceuticals. XXIV. Titanium-45 8-80966
- Merrill, M.D.**, Vezzey, D.R. A real-time meteorological analysis of the atmosphere 8-69466
- Merrill, R.M.**, Harrison, P.E. Equilibration studies of an inorganic ion exchange material with liquid nuclear waste simulant using radiotracer techniques 8-74444
- Merrill, R.P.** *see* Dion, D.R. 8-80443
- Merrill, R.T.** The demagnetization field of multidomain grains 8-65273
- Merritt, B.** *see* Ozarski, R. 8-59037
- Merritt, F.** *see* Bacino, W. 8-70351
- Merritt, F.R.** *see* Cheung, T.T.P. 8-52292
- Merritt, F.R.** *see* Henry, C.H. 8-72246
- Merritt, F.S.**, Barish, B.C., Bartlett, J.F., Bodek, A., Brown, K.W., Buchholz, D., Jacquet, F., Sciuili, F.J., Stutte, L., Suter, H., Fisk, H.E., Krafczyk, G. Neutral-current coupling in high-energy neutrino interactions 8-66104
- Merritt, F.S.** *see* Barish, B. 8-89750
- Merritt, J.O.** *see* Pepper, R.L. 8-85314
- Merritt, J.S.**, Gibson, F.H. Measurement of a ^{141}Ce standard with dose calibrators (CRNL-ICRM-LS-1) 8-61261
- Merstching, J.** Peierls distortion and antiferromagnetism in the quasi-one-dimensional Peierls-Hubbard model 8-67931
- Merte, H., Jr.** *see* Oker, E. 8-90650
- Merten, L.**, Claus, R. Dispersion of dielectric axes in monoclinic and triclinic crystals related to lattice dynamics 8-87920
- Merten, L.** *see* Tillmanns, C.H. 8-71798, 8-79681
- Mertens, F.G.**, Biem, W. The three-dimensional transfer-integral method and its test by a harmonic crystal 8-84161
- Mertens, R.**, De Corte, L. An exact mathematical solution of the problem of tops rising by friction 8-83343
- Mertens, R.**, Leroy, O. Diffraction of intense laserlight by an ultrasonic wave in the case of large ultrasonic wavelengths 8-60421
- Mertiens, H.D.** *see* Ackermann, H. 8-66126
- Mertiens, H.D.** *see* Berger, Ch. 8-62412
- Mertin, D.**, Tischler, R., Kleinrahm, A., Kroth, R., Hubel, H., Gunther, C. Investigation of level energies and $B(E2)$ values for rotation-aligned bands in Hg isotopes 8-70483
- Mertin, D.** *see* Tischler, R. 8-93969
- Mertz, G.J.** Stability of body-centered polygonal configurations of ideal vortices 8-71341
- Mertz, K.** Determination of the dynamic properties of soft elastic materials 8-71297
- Merwe, A.J.** *van der see van der Merwe, A.J.*
- Merwe, J.P.** *van der see van der Merwe, J.P.*
- Merwe, P.** *du T. van Der see Van Der Merwe, P. du T.*
- Merwe, P. du T.** *van der see van der Merwe, P. du T.*
- Mery, P.**, Narison, S. Mixing of leptonic number in a general $\text{SU}(2) \times \text{U}(1) \times \text{SU}(2)$, model 8-62331
- Mery, P.** *see* Bessis, D. 8-62427
- Merz, G.H.** *see* Ansley, S.P. 8-74495
- Merz, J.L.**, Logan, R.A. Dual beam laser: A GaAs double-cavity laser with branching output waveguides 8-63128
- Merz, J.L.** *see* Barker, A.S., Jr. 8-72510
- Merz, R.A.**, Page, R.H., Przirembel, C.E.G. Subsonic axisymmetric near-wake studies 8-94740
- Merzhanov, A.G.** *see* Martirosyan, N.A. 8-60634
- Merzhievskii, L.A.**, Titov, V.M. Shield properties of a thin plate under high-velocity impact 8-53788
- Merzhievskii, L.A.** *see* Anikieva, A.P. 8-89043
- Merzlyak, M.N.**, Yuferova, S.G., Sobolev, A.S. Role of the superoxide anion-radicals and superoxide dismutase in reactions of the photoperoxidation of the lipids of isolated chloroplasts 8-77016
- Merzlyakov, E.I.**, Rizhenko, I.A., Tsurul'nikov, A.S. Analytical solution of the heat transfer problem in underground circulating systems 8-55550
- Merzlyakov, E.I.**, Ryzhenko, I.A., Tsurul'nikov, A.S. Heat exchange in a dense layer for large Biot numbers 8-83400
- Merzlyakov, N.S.**, Yaroslavskii, L.P. Visualization of information by means of synthesized holograms 8-82930
- Mescheryakov, M.G.** *see* Azhgirey, L.S. 8-89727, 8-89887
- Meschi, D.J.**, Basu, T.K., Searcy, A.W. Knudsen flow through multiple barriers 8-63451
- Meseguer, F.** Piezo-optical properties of alkali halides and their temperature dependence 8-92050
- Meseguer, F.**, Sanchez, C. Residual birefringence and its relation to the intrinsic piezooptical behaviour in KBr 8-60416
- Meservey, E.** *see* Hinnov, E. 8-83537, 8-91155
- Meservey, R.**, Paraskevopoulos, D., Tedrow, P.M. Spin polarized tunneling in rare earth ferromagnets 8-68094
- Meservey, R.**, Tedrow, P.M. Surface relaxation times of conduction-electron spins in superconductors and normal metals 8-91814
- Meservey, R.**, Tedrow, P.M., Bruno, R.C. Tunneling measurements of ultrathin superconducting Ga films in high magnetic fields 8-68120
- Meservey, R.**, Tedrow, P.M., Paraskevopoulos, D. Spin-polarised tunnelling from ferromagnets 8-95494
- Mesh, M.Y.** *see* Proklov, V.V. 8-83082
- Meshbei, V.I.** *see* Lozinskii, Z.N. 8-53753
- Meshcheryakov, E.A.** *see* Zimont, V.L. 8-94849
- Meshcheryakov, M.G.** *see* Azhgirey, L.S. 8-78394
- Meshcheryakov, R.P.** *see* Borisov, B.A. 8-68961
- Meshcheryakova, E.V.** *see* Leko, V.K. 8-64580
- Meshkat, M.** *see* Lai, J.K.L. 8-88469
- Meshkov, E.E.** *see* Zhidov, I.G. 8-83410
- Meshkov, N.** Science career facilitation project in energy-related fields 8-61959
- Meshkov, Yu.Ya.**, Chernenko, N.F. Rapid electrothermal treatment of wire 8-84871
- Meshkova, G.N.**, Vartanyan, A.T., Sidorov, A.N. Absorption spectra and association of phthalocyanines. Vanadyl and chloroaluminum phthalocyanines 8-55174
- Meshkova, S.B.** *see* Kononenko, L.I. 8-84653
- Mesick, H.C.** *see* Coleman, T.G. 8-69118
- Meskhishvili, A.I.**, Pletyushkin, V.A., Slovyanskikh, V.K., Chechernikov, V.I., Shavishvili, T.M. Magnetic properties of alloys of the systems $\text{UMn}_2\text{-UFe}_2$ and $\text{UMn}_2\text{-UCo}_2$ 8-68148
- Mesko, L.** *see* Valko, J. 8-94066
- Mesnard, G.** *see* Moretti, P. 8-75960
- Mesqui, F.**, Maeder, W., Friedli, P. On-line detection of rotary and translatory motions in digital video images 8-92754
- Mesquita, A.E.** Bueno de de Bueno de Mesquita, A.E.
- Mess, K.H.** *see* Brandelik, R. 8-62416
- Messageur, J.C.**, Cailleau, H., Yelon, W.B. Order-disorder phase transition in dichlorodurene 8-55825
- Messer, J.V.** *see* Turner, D.A. 8-73205
- Messerle, H.K.**, Manglick, A. Temperature sheaths on probes or electrodes in MHD plasmas 8-55726
- Messi, R.** *see* Gilmozzi, R. 8-85972
- Messi, R.** *see* Natali, G. 8-81652
- Messick, D.** *see* Lum, W.Y. 8-75953
- Messier, L.R.**, Riley, F.L., Brook, R.J. The α/β silicon nitride phase transformation 8-56632
- Messier, R.**, Roy, R. RF-sputtered Fe-O films; vapor species control in non-crystalline solid formation 8-60575
- Messina, A.**, Persico, F. Strong spin-phonon interaction. II. Multimode linear chain 8-51623
- Messina, A.** *see* Franchina, S. 8-51622
- Messinev, M.Yu.** *see* Koptsik, S.V. 8-64304
- Messing, F.** *see* Cohen, I. 8-66123
- Messing, F.** *see* Wanderer, P. 8-66073
- Messing, G.L.**, Onoda, G.Y., Jr. Inhomogeneity-packing density relations in binary powders—experimental studies 8-92211
- Messmer, R.** *see* Reichenberger, H. 8-85408
- Messmer, R.P.**, Salahub, D.P., Davenport, J.W. Calculation of angular dependence of photoemission for the $\text{Al}(100)\text{-O}$ system 8-76576
- Mestres, L.** Gonzalez *see* Gonzalez Mestres, L.
- Mesyats, G.A.** *see* Bychkov, Yu.I. 8-83629, 8-83630
- Mesyats, G.A.** *see* Kovaltchuck, B.M. 8-67444
- Mesyats, G.A.** *see* Litvinov, E.A. 8-75460
- Metag, V.** *see* Goerlach, U. 8-78429
- Metahi, H.** *see* Yasuda, K. 8-92272
- Metallov, O.A.** *see* Gabovich, M.D. 8-50692
- Metcalfe, B.** *see* Kleekamp, C. 8-50905
- Metcalfe, H.J.** *see* Littman, M.G. 8-79028
- Metcalfe, A.A.** *see* Armstrong, R.D. 8-51841
- Metcalfe, B.L.** Comment on the ladder phase in silicon nitride 8-72898
- Metcalfe, E.** *see* Bradley, J.N. 8-51278
- Metcalfe, L.P.** *see* Bickley, R.I. 8-64886
- Metcalfe, R.D.**, Clark, W.C., Wickenden, D. Cathodoluminescence from gallium nitride implanted with arsenic or phosphorus 8-60523
- Metcalfe, R.W.** *see* Riley, J.J. 8-94743
- Metelkin, E.V.** *see* Medvedev, Yu.A. 8-86758
- Metellus, A.-M.** *see* Isabekian, N. 8-87261, 8-90704
- Meteva, K.B.** *see* Rashkovich, L.H. 8-71693
- Metghalchi, M.** Berger coefficients for the Eisenhauer-Simmons gamma-ray buildup factors in ordinary concrete 8-78510
- Metherell, C.** Effect of ozone on creep of vulcanizates 8-92302
- Metik, L.P.**, Pronik, I.I. Multicolour photometry of the galaxy Markarian 298=IC 1182-4 8-57641
- Metin, H.** Dynamics of vibrational motion of chemisorbed atoms or molecules; the infrared line shape 8-51814
- Metiu, H.** Light scattering from systems undergoing spinodal decomposition 8-52516
- Metiu, H.** *see* Efrima, S. 8-79890
- Metiu, H.** *see* Freed, K.F. 8-67227
- Metlin, V.V.** *see* Andreev, A.M. 8-94839
- Metlov, V.G.** On the formation of ring structures by collisions of galaxies with gas clouds 8-93425
- Metois, J.J.**, Heyraud, J.C., Takeda, Y. Experimental conditions to obtain clean graphite surfaces 8-80665
- Metois, J.J.** *see* Takeda, Y. 8-75915
- Metral, C.J.** *see* Johnson, S.G. 8-53203
- Metreveli, I.M.** *see* Buishvili, L.L. 8-88169
- Metropoulos, A.**, Ying-Nan Chiu Rotation-vibration symmetry correlation in bimolecular reactions: building-up principle from molecular fragments 8-76849
- Metropoulos, A.**, Ying-Nan Chiu Rovibronic symmetry correlation in molecular combination and dissociation. I. The $\text{Li} + \text{Li}_2 \rightleftharpoons \text{Li}_3(\text{C}_{2v})$ system 8-92461
- Metsch, B.C.** *see* Glaudemans, P.W.M. 8-78254
- Metsch, B.C.** *see* Meijer, F.G. 8-58615
- Metselaar, R.** *see* van der Straten, P.J.M. 8-92205
- Mettig, P.** *see* Eberhardt, G. 8-92730
- Mettler, E.** The motion of Hecuba in the restricted three-body problem as an example of nonlinear oscillation 8-57488
- Mettler, F.A.**, Jr. *see* Linnemann, R.E. 8-53532
- Mettler, K.** Effect of reabsorbed recombination radiation on photoluminescence and photoconductivity in a semi-infinite direct-gap semiconductor 8-95312
- Mettler, S.C.** *see* Rueping, J.E. 8-72833
- Mettner, W.** *see* Frey, R. 8-50154
- Mettner, W.** *see* Knapfer, W. 8-86521
- Mettwali, N.** *see* Badawy, O.E. 8-66161
- Mettwali, N.** *see* Badawy, O.E. 8-78219
- Metvel, A.S.**, Nastyukha, A.I. Investigation of dissociation processes of some molecules in the hollow cathode glow discharge plasma 8-66674
- Metz, C.E.** An overview of some measures of image quality 8-71050
- Metz, C.E.** *see* Tsui, B.M.W. 8-73223
- Metz, E.** *see* Bartalucci, S. 8-50037
- Metz, F.**, Howard, W.E., Wunsch, L., Neusser, H.J., Schlag, E.W. The theory of molecular two-photon spectroscopy in the gas phase 8-94298
- Metz, F.** *see* Kuhn, I.H. 8-90201
- Metz, S.** Deep center luminescence (1.02 eV) in GaAs/(GaAl)As epitaxial layers and double-heterostructure lasers 8-80387
- Metzdorf, J.** *see* Kessler, F.R. 8-92052
- Metzger, A.E.** *see* Parker, R.H. 8-85895
- Metzger, F.R.** Nuclear resonance fluorescence in ^{144}Sm 8-66263

- Metzger, H.**, Jo, H., Moss, S.C., Westlake, D.G. Single crystal X-ray study of the superstructure modulation and long-range order in V_2D 8-71712
- Metzger, M.** *see* Chawla, K.K. 8-76755
- Metzger, M.** *see* Zahavi, J. 8-56817
- Metzger, W.C.** *see* Schaible, P.M. 8-72923
- Metzger, W.J.** *see* Jongejans, B. 8-78177
- Metzger, W.J.** *see* Teodoro, D. 8-89767
- Metzik, V.M.** *see* Parfianovich, I.A. 8-92118
- Metzinger, R.W.** *see* Shal, L.Z. 8-66389
- Metzler, J.** *see* Fried, I. 8-83206
- Metzler, J.A.** *see* Fried, I. 8-90707
- Metzler, N.**, Dryer, M. A self-consistent solution of the three-fluid model for the solar wind 8-57418
- Melzner, G.** *see* Melzner, F. 8-93075
- Metzner, R.**, Pilkuhn, H. Recoil corrections to the hyperfine splitting of exotic atoms 8-50667
- Meuer, D.** *see* Frey, R. 8-50154
- Meuer, D.** *see* Knupfer, W. 8-86521
- Meulders, J.P.** *see* Budzanowski, A. 8-66289
- Meulders, J.P.** *see* Leleux, P. 8-70726
- Meulders, J.P.** *see* Pirat, C. 8-50187
- Meuleman, J.-J.** *see* Freymann, R. 8-68489
- Meulenet, J.P.**, Schmitt, A., Candau, S. Inelastic light scattering measurements from linear polyelectrolyte aqueous salt solutions 8-60474
- Meunier, J.H.** *see* Lalauze, R.L. 8-64041
- Meunier, R.** *see* Bozzoli, W. 8-93995
- Meunier, R.** *see* Cutts, D. 8-89746
- Meurders, F.** *see* Timmer, G.A. 8-93970
- Meurs, E.J.A.** *see* Wilson, A.S. 8-89254
- Meury, J.L.** *see* Bideau, D. 8-77911
- Meussner, R.A.** *see* Francavilla, T.L. 8-52130
- Meuzelaar, H.L.C.** *see* Posthumus, M.A. 8-92534
- Mevel, C.**, Kienast, J.-R., Caby, R. Amphibolite facies conditions in the oceanic crust: Example of amphibolitized faser-gabbro and amphibolites from the Chenaillet Ophiolite Massif (Hautes Alpes, France) 8-65304
- Meves, H.** Inactivation of the sodium permeability in squid giant nerve fibres 8-73154
- Mevlyut, Sh.T.** *see* Zavaritskii, N.V. 8-91732
- Mewaldt, R.A.** *see* Althouse, W.E. 8-85797
- Mewe, R.**, Schrijver, J. Hemiumlike ion line intensities. I. Stationary plasmas 8-53811
- Mewe, R.**, Schrijver, J. Heliumlike ion line intensities. II. Non-stationary plasmas 8-53812
- Mewe, R.** *see* Brinkman, A.C. 8-86025
- Mewe, R.** *see* den Boggende, A.J.F. 8-81634
- Mewe, R.** *see* Gronenschild, E.H.B.M. 8-53814, 8-54010
- Mewe, R.** *see* Schrijver, J. 8-96563
- Mewis, J.** *see* Dobbels, F. 8-71310
- Mewissen, L.P.** *see* Staveloz, P. 8-50162
- Mey, G.P.** Van Der *see* Van Der Mey, G.P.
- Mey, M.** *see* Pistolesi, M. 8-61250
- Mey, W.**, Borsenberger, P.M., Chowdry, A. Photoionization of holes from amorphous selenium into a molecularly doped photoconductor 8-72191
- Mey, W.** *see* Borsenberger, P.M. 8-72194
- Meyenhofer, B.** *see* Deleze, M. 8-57759
- Meyer, B.** *see* Von Bardeleben, H.J. 8-88336
- Meyer, C.**, Gros, Y., Bocu, B., Collomb, A., Chenavas, J., Joubert, J.C., Marezio, M. Synthesis, crystal structure and Mossbauer study of a series of provskite-like compounds $[ACu_3](M,Fe)_2O_{12}$ 8-84505
- Meyer, C.** *see* Akridge, J.R. 8-68431
- Meyer, C.** *see* Dupre, J. 8-74713
- Meyer, C.** *see* Wintenberger, M. 8-87650
- Meyer, C.H., Jr.** *see* Smith, J.N., Jr. 8-95634
- Meyer, C.T.**, Pineri, M. Ion clustering in a butadiene, styrene, 4-vinylpyridine terpolymer crosslinked by coordination with iron (III) chloride 8-83748
- Meyer, F.** Glass fibres for optical communication 8-83112
- Meyer, F.**, Pham-Van, J. Observations of Saturn with the astrolabe of the Algiers observatory during the years 1969-1974 8-61794
- Meyer, F.O., III.**, Redding, R.W. Molecular symmetry and motions of the Eckart frame 8-74634
- Meyer, F.W.** *see* Kim, H.J. 8-58812, 8-66656
- Meyer, F.W.** *see* Phaneuf, R.A. 8-55233
- Meyer, G.**, Grutter, A., Von Gunten, W.R., Krahenbuhl, U., Rossler, E. Apparatus for semi-automatic grain-size separation of small samples 8-54351
- Meyer, G.H.** A numerical method for heat transfer in an expanding rod 8-75029
- Meyer, G.M.**, Dietrich, O.W. Critical scattering from a disordered antiferromagnet: Mn/ZnF_2 8-52249
- Meyer, G.M.**, Nemes, R.J., Hutton, J. High-resolution (direct space) studies of anharmonic motion associated with the structural phase transition in $SrTiO_3$ 8-79718
- Meyer, H.** Results on e^+e^- annihilation studies at DORIS 8-78198
- Meyer, H.**, Kilian, H.-G. The one-dimensional characterization of the microstructure of melt-crystallized polymer systems 8-75588
- Meyer, H.**, Kilian, H.-G. The one-dimensional synthesis of the small-angle scattering pattern of high-density polyethylene 8-75589
- Meyer, H.**, Varchim, J.U. Comparison of reliability and precision of QRS trigger circuits 8-92716
- Meyer, H.**, Varchim, J.U. Long-term ECG monitoring with contourographic signal representation and continuous checking of the graphs 8-92714
- Meyer, H.** *see* Alexander, G. 8-74251, 8-89766
- Meyer, H.** *see* Berger, Ch. 8-62414, 8-89725
- Meyer, H.** *see* Bickermann, A. 8-79693
- Meyer, H.** *see* del Papa, C. 8-74264
- Meyer, H.** *see* Doiron, T. 8-56016
- Meyer, H.** *see* Roe, D.B. 8-79848
- Meyer, H.** *see* Scarr, J.M. 8-54634
- Meyer, H.** *see* Varchim, J.U. 8-92715
- Meyer, H.** *see* De Meyer, H.
- Meyer, H.E.** *see* De Meyer, H.E.
- Meyer, H.J.** *see* Berger, Ch. 8-62414, 8-89725
- Meyer, H.O.** Probing the nuclear density with hadrons: Feasibility and limitations 8-66196
- Meyer, H.O.** *see* Nickels, R.J. 8-73225
- Meyer, J.**, Nahabetian, R.S., Elbaz, E. Exact-finite-range DWBA analysis of $^{12}C(^6Li, \alpha)^{14}N$ reaction at $E(^6Li) = 20$ MeV 8-58293
- Meyer, J.**, Nahabetian, R.S., Elbaz, E. Optical-model analysis of vector polarized 6Li elastic scattering on ^{12}C , ^{16}O , ^{28}Si and ^{58}Ni nuclei 8-70553
- Meyer, J.** *see* Jensch, P. 8-88752
- Meyer, J.R.**, Glicksman, M. Electrical conductivity of germanium as a function of optically injected carrier density and temperature 8-68046
- Meyer, J.R.** *see* Glicksman, M. 8-92078
- Meyer, K.R.**, Hopwood, L.E., Gillette, E.L. Radiation response and characteristics of a cell line derived from a mouse mammary adenocarcinoma 8-65095
- Meyer, L.** *see* Lyall, H.G. 8-51241
- Meyer, L.W.**, Seifert, K., Baumann, W. Grinding of very fine notches on fracture-strength test specimens 8-64795
- Meyer, M.** *see* Dunlap, B.D. 8-67990
- Meyer, M.** *see* Genevey-Rivier, J. 8-62484
- Meyer, O.** Radiation damage and superconductivity in V_3Si single crystals 8-52129
- Meyer, O.** *see* Berger, Ch. 8-62414, 8-89725
- Meyer, P.** The cosmic-ray isotopes 8-53781
- Meyer, P.** Field-theory on the light-cone and the parton model 8-82220
- Meyer, P.**, Brun, A. Effect of temperature on the antiferromagnetic resonance in $FeCl_2$ 8-68384
- Meyer, P.**, Evenson, P. The University of Chicago cosmic ray electrons and nuclei experiment on the H spacecraft 8-85792
- Meyer, P.**, Rimsky, A., Chevalier, R. Structure of silver nitrate at ordinary temperature and pressure. Example of perfect crystal 8-55846
- Meyer, R.** *see* Krishnan, R. 8-64237, 8-84458
- Meyer, R.** *see* Suran, G. 8-52359
- Meyer, R.A.**, Prindle, A.L., Myers, W.A., Hopke, P.K., Dieterly, D., Koops, J.E. Multiparticle configurations in the odd-neutron nuclei ^{61}Ni and ^{67}Zn populated by decay of ^{61}Cu , ^{67}Cu , and ^{67}Ga 8-70496
- Meyer, R.A.** *see* Anderson, D.L. 8-82270
- Meyer, R.A.** *see* Heyde, K. 8-66251
- Meyer, R.B.** *see* Lagerwall, S.T. 8-91230
- Meyer, R.J.** *see* Kahn, A. 8-91515
- Meyer, R.** *see* Jay Meyer, R.
- Meyer, T.** *see* Lockman, W. 8-82254
- Meyer, T.A.** *see* Chirigos, J.N. 8-89953
- Meyer, U.**, Slavitschek, G. A concept for routine checks and radiation protection in the turboset region of a nuclear power plant with boiling water reactor 8-74462
- Meyer, V.** *see* Guyer, H. 8-70449
- Meyer, W.** High sensitivity measurement of saturable dielectric loss at cryogenic temperatures 8-93733
- Meyer, W.**, Wong, K.W. Hard-sphere roton interaction 8-51767
- Meyer, W.**, Wong, K.W. Critical analysis of the hard-sphere model for superfluid 4He . I 8-51769
- Meyer, W.** *see* Althoff, K.H. 8-66125
- Meyer, W.** *see* Bochove, E. 8-83106
- Meyer, W.** *see* Botschwina, P. 8-58587
- Meyer, W.** *see* Pulay, P. 8-70753
- Meyer, W.E.** *see* Dahir, S.H. 8-53057
- Meyer, Y.H.** Frequency locking of dye lasers by intracavity stimulated Raman scattering 8-79050
- Meyer, Y.H.**, Loth, C., Astier, R. Flame locking of dye lasers to atom lines 8-50795
- Meyer-Ebrecht, D.** Hospital picture communication systems 8-57104
- Meyer-Ehmsen, G.** *see* Britze, K. 8-91523
- Meyer-Schutzmeister, L.**, Elwyn, A.J., Rehm, K.E., Hardie, G. Lifetime and γ decay of the isomeric $19/2^-$ state in ^{49}Ti 8-70486
- Meyer-ter-Vehn, J.** On pion condensation in finite nuclei 8-78299
- Meyer-ter-Vehn, J.** *see* Ebert, K. 8-74409
- Meyer-Waarden, K.** *see* Bruhn, A. 8-88748
- Meyer-Wachsmuth, H.** *see* Berger, Ch. 8-62412
- Meyerhof, W.E.** Recoil effects in $N^+ + N_2$ molecular-orbital X-rays 8-66645
- Meyerhof, W.E.** Ionization of the 3d molecular orbital in heavy-ion collisions 8-94311
- Meyerhof, W.E.**, Taubjerg, K. K-shell ionization in heavy-ion collisions 8-82834
- Meyers, C.**, de Roo, M., Sorba, P. On embeddings of gauge groups in Yang-Mills theory 8-93802
- Meyers, J.A.** *see* Henisch, H.K. 8-84270
- Meyers, K.A.** *see* Spangler, S.R. 8-69895
- Meyers, M.A.**, Murr, L.E. A model for the formation of annealing twins in FCC metals and alloys 8-59818
- Meyers, M.B.**, Dalton, P.J. Testing high-speed colour negative films. Three ASA400 materials evaluated by colorimetric methods 8-86364
- Meyers, P.V.**, Van Sciver, W.J. Impurity-assisted photoproduction of isolated V_i centers at the UV band edge in NaI 8-84641
- Meyers, R.E.**, Emslie, R.F. The Harp dikes and their relationship to the Helikian geological record in central Labrador 8-61411
- Meyers, R.E.** *see* Hercher, M. 8-65973
- Meyrick, G.**, Speiser, R., Turk, R., Werth, D. Capacitance-oorsion balance for measuring small stresses and strains 8-73988
- Meyrueis, P.** *see* Grossmann, M. 8-58953, 8-58958, 8-62954
- Meystre, P.** On the use of the mean-field theory in optical bistability 8-79068
- Meystre, P.** *see* Carmichael, H.J. 8-50499
- Mezei, L.** *see* Grossman, G. 8-53550
- Mezei, L.** *see* Grossman, G.S. 8-81027
- Mezei, M.**, Swaminathan, S., Beveridge, D.L. Ab initio calculation of the free energy of liquid water 8-83975
- Mezentsev, A.N.** *see* Artyukh, A.G. 8-89909
- Mezentsev, A.P.**, Fedorov, V.L. Optical excitation function of the 5876-Å line in helium near the threshold 8-70797
- Mezentsev, A.P.**, Fedorov, V.L. Polarization of the 5876-Å helium line excited by electron impact near the threshold 8-82848
- Mezentsev, I.S.** *see* Bart, M.A. 8-68727
- Mezentsev, N.A.** *see* Barkov, L.M. 8-62671
- Mezey, G.** *see* Revesz, P. 8-91554
- Mezey, P.G.** *see* Kapur, A. 8-86795
- Mezger, P.G.** *see* Smith, L.F. 8-61919
- Mezhevich, A.N.** *see* Pan'kova, L.M. 8-61109
- Mezhevich, A.N.** *see* Velichko, Yu.I. 8-61108
- Mezhevich, I.D.** *see* Gribkovskii, V.P. 8-90416
- Mezhevov, V.S.** *see* Baranov, V.Yu. 8-90409
- Mezhov-Deglin, L.P.** Special features in phonon thermal conductivity of deformed lead crystals at temperatures below 2 deg K 8-60244
- Mezhov-Deglin, L.P.** *see* Efimov, V.B. 8-56019, 8-95202
- Mezner, Yu.** *see* Kumpf, G. 8-89848
- Mezzetti, E.**, Minetti, B., Pasquarelli, A. Backward scattering of 14.2 MeV neutrons from carbon and sulfur 8-58275
- Mezzetti, M.** *see* Cester, B. 8-61885, 8-61886, 8-69834
- Mgaloblishvili, K.D.**, Elashvili, Z.G. Equipment 'Zarza' for testing mercury-vapor gas analyzers 8-76962
- Mgaloblishvili, K.D.** *see* Dod', I.I. 8-79404
- Mgbenu, E.N.** Dominant diffusion mechanism in RhSi formation 8-71891
- Mgbenu, E.N.** Room temperature Au-Ge interdiffusion 8-76161
- Mgbenu, E.N.**, Maduemezie, A. X-ray emission spectrum of metallic lithium 8-80437
- Mgbenu, E.N.**, Maduemezie, A. Multi-lagrangian interpolation for the evaluation of density of states 8-84118
- Mgeladze, G.N.** *see* Monasolidze, D.R. 8-80833
- Miall, A.D.**, Kerr, J.W., Gibling, M.P. The Somerset Island Formation: an upper Silurian to ?Lower Devonian intertidal/supratidal succession, Boothia Uplift region, Arctic Canada 8-65297
- Miane, J.-M.**, Gaune-Escard, M., Bros, J.-P. Liquidus and solidus surfaces of the Ag-Au-Pd equilibrium phase diagram 8-60649
- Miannay, D.** *see* Corcos, J. 8-60811
- Miari, G.** *see* Krenz, W. 8-54624
- Miastkowski, J.** Yield surface of material subjected to combined cyclic loadings 8-84905
- Micale, F.J.** *see* Zettlemoyer, A.C. 8-85210
- Micalizzi, F.** *see* Burrafato, G. 8-50546, 8-60250, 8-76171
- Micciancio, S.**, Rondelez, F. Evidence for shear-induced biaxiality in L_α lecithins close to solid surfaces 8-95997
- Micek, S.** *see* Budzanowski, A. 8-66289
- Micha, D.A.** *see* Olson, J.A. 8-66621
- Michael, C.** Hadronic pair production of new quantum numbers 8-74286
- Michael, C.**, Vanryckeghem, L. Large transverse momenta in multiparticle production and momentum conservation 8-50055

- Michael, D.H.** Nonlinear effects in electrohydrodynamic surface wave propagation 8-67278
- Michael, J.V., Lee, J.H., Payne, W.A., Stief, L.J.** Absolute rate of the reaction of bromine atoms with ozone from 200 to 360K 8-73024
- Michael, J.V.** *see* Lee, J.H. 8-76828, 8-80734
- Michael, W.** *see* Gidal, G. 8-58201, 8-70412
- Michael, W.** *see* Scharre, D.L. 8-74275
- Michaelian, K.H., Moskovits, M.** Tetrahedral hydration of ions in solution 8-55804
- Michaelian, K.H.** *see* McIntosh, D.F. 8-74628
- Michaelides, P.** *see* Michaelidou, C. 8-93904
- Michaelidou, C., Kakoulidou, M., Michaelides, P., Sakellios, L., Grammatikakis, G., Mermikides, M.E., Simopoulou, E., Tsilimigras, T., Vayaki, A., Fry, J.R., Muirhead, H., Macnaughton, J.N., Rohringer, H.** Resonance production and clustering effects in reactions $K^+ \rightarrow \Lambda^0 + \pi^+$ at an incident beam momentum 8.25 GeV/c 8-93904
- Michaelis, W.** *see* Bohm, H.-D.V. 8-78822
- Michaelis von Grunhagen, W.** Stabilisation of time transformation in the Kepler problem 8-89333
- Michaelson, H.B.** Relation between an atomic electronegativity scale and the work function 8-64096
- Michaelson, P.F., Hong, S.O., Young, W.C., Sviatoslavsky, I.N., Conn, R.W.** A toroidal field magnet system utilizing normal metal trimming coils 8-54931
- Michaelson, S.M.** *see* Lotz, W.G. 8-92676
- Michalick, P.** *see* Obrtlík, K. 8-64591
- Michalik, J., Kevan, L.** Temperature dependence of electron spin-lattice relaxation of methyl radicals in glassy organic matrices: relation to environmental dynamics and radical decay 8-76312
- Michalke, A.** On source coherence affecting jet noise 8-94787
- Michalon-Mentzer, M.-E.** *see* Braun, H. 8-58208
- Michalska-Trautman, R.** Self-induced transparency in the presence of the Kerr nonlinearity 8-63155
- Michalski, K.J.** Magnetic symmetry of ordered phases in Mn_2GaC 8-71698
- Michaly, G.** *see* Holzer, K. 8-60115
- Michau, J.C.** *see* Lockman, W. 8-82254
- Michaud, G.** *see* Cox, A.N. 8-57556
- Michaud, G.** *see* Vaclair, G. 8-89198
- Michaud, G.** *see* Vaclair, S. 8-93202
- Michaud, L.M.** On the energy and control of atmospheric vortices 8-61510
- Michaud, M., Carbone, C.** Optical absorption using a system response corrector [low temperatures] 8-86347
- Michel, A.** *see* Matisova-Rychla, L. 8-68893
- Michel, A.N., Miller, R.K.** Qualitative analysis of interconnected systems described on Banach spaces; well posedness, instability and Lagrange stability 8-69976
- Michel, B.** Determination of the elastic energies of point defects, inclusions, segregation zones in solid surfaces 8-95049
- Michel, B.** Contribution to the determination of the elastic energies of point defects, inclusions and separation zones in solid specimen surfaces 8-95054
- Michel, C., Guyomarc'h, A., Deschavres, A., Raveau, B.** New ionic conductors characterized by an intersecting tunnel structure 8-51729
- Michel, C., Guyomarc'h, A., Raveau, B.** New cationic exchangers with a crossed tunnel structure: the niobates and tantalates $A_{10}M_{29}O_{78}$ and $A_{10}M_{29}O_{78} \cdot 10H_2O$ 8-83797
- Michel, D., Perez Y Jorba, M., Collongues, R.** Growth from skull-melting of zirconia-rare earth oxide crystals 8-60567
- Michel, D.J., Hendrick, P.L., Pieper, A.G.** Transient irradiation-induced creep of nickel during deuteron bombardment 8-80597
- Michel, F.** Nondestructive examination of the radial distributions of nuclides in a nuclear fuel during irradiation, by transversal gamma spectrometry 8-78467
- Michel, G.** New developments... in noise and vibration measurement 8-94493
- Michel, H.V.** *see* Stross, F.H. 8-70244
- Michel, H.V.** *see* Yellin, J. 8-70245
- Michel, J.N.** *see* Capelani, J.C. 8-61254
- Michel, J.P.** *see* Clermontel, D. 8-78687
- Michel, K.H., Naudts, J., De Raedt, B.** Soft modes and central peak in orientationally disordered crystals 8-83906
- Michel, K.H.** *see* Naudts, J. 8-83897
- Michel, K.W.** *see* Dirscherl, R. 8-85933
- Michel, K.W.** *see* Wegmann, H.M. 8-85813
- Michel, L.** *see* Klemm, M. 8-59748
- Michel, M.** *see* Baisden, P.A. 8-82282
- Michel, P., Pau, S., Rutscher, A., Winkler, R.** The positive column of glow discharges in H_2/H -mixtures 8-67500
- Michel, P., Winkler, R., Wilhelm, J.** The time decay of electron-atom-bremsstrahlung of rare gases medium pressure discharges in the spectral range 200-1000 nm 8-63620
- Michel, P.** *see* Gauthier, J.-P. 8-83694
- Michel, P.** *see* Winkler, R. 8-83626
- Michel, R., Weigel, H., Herr, W.** Proton-induced reactions on nickel with energies between 12 and 45 MeV 8-66283
- Michel, R.G., Coleman, J., Winefordner, J.D.** A reproducible method for preparation and operation of microwave excited electrodeless discharge lamps: SIMPLEX optimization of experimental factors for a cadmium lamp 8-83061
- Michel, U.** *see* Arndt, R.E.A. 8-59193
- Michel, U.** *see* Becht, D. 8-94790
- Michel-Beyerle, M.E.** *see* Albrecht, W.G. 8-92116
- Michel-Calendini, F.M.** *see* Castet-Mejean, L. 8-60054
- Michel-Calendini, F.M.** *see* Pertosa, P. 8-52629
- Michele, H.** The flow behaviour of dilute long-chain polymer solutions through porous media 8-55666
- Michele, J.** On the rheology of viscoelastic fluids with a cone-slab arrangement. I. Examination of the static properties of various concentrated polymer solutions 8-67165
- Michele, J.** On the rheology of viscoelastic fluids with a cone-slab arrangement. II. Start-up and relaxation measurements 8-67166
- Micheletti, S.** *see* Colombo, E. 8-54752
- Micheletti, S.** *see* Pellegrini, F. 8-94009
- Michelfelder, S.** *see* Pai, B.R. 8-59504
- Michelis, B.** *see* De Michelis, B.
- Michelis, C.** *see* de Michelis, C.
- Michelis, C.** *see* De Michelis, C.
- Michell, D., Rand, D.A.J., Woods, R.** A study of ruthenium electrodes by cyclic voltammetry and X-ray emission spectroscopy 8-61018
- Michelot, F., Moret-Bailly, J.** Interpretation of low-resolution spectra of Q branches of triply degenerate vibration-rotation fundamental bands of spherical top molecules 8-82713
- Michels, F., Zetzsch, C., Stuhl, F.** Fluorescence detection of atmospheric SO_2 using excitation by NO- γ -bands 8-73121
- Michels, H.H.** *see* Green, T.A. 8-78633
- Michels, H.T.** The oxidation of oxide dispersion strengthened Ni-15Cr-5Al alloys 8-80679
- Michels, M.A.J., Suttrop, L.G.** On adiabatic perturbation theory for the energy eigenvalue problem 8-93551
- Michelsen, P., Pecseli, H.L., Juul Rasmussen, J.** Ion-beam-excited electrostatic ion cyclotron instability 8-75310
- Michelson, A.** 'Weak Lifshitz condition' and the allowed types of ordering in second-order phase transitions 8-87769
- Michelson, D.** *see* Ballinger, K.W.A. 8-88254
- Michelson, D.M., Sivashinsky, G.I.** Nonlinear analysis of hydrodynamic instability in laminar flames. II. Numerical experiments 8-51254
- Michenaud, J.-P.** *see* Hansen, O.P. 8-56167
- Michette, A.G.** *see* Enriquez, O. 8-78170, 8-82195
- Michida, S., Yamaguchi, K., Kurioka, T., Kagami, Y.** On characteristics of snap-through action of complex arch springs. I. Static characteristics of unit arch springs and movable spring of Z-type microswitch 8-63339
- Michida, S., Yamaguchi, K., Kurioka, T., Kagami, Y.** On characteristics of snap-through action of complex arch springs. II. Static characteristics of movable springs of V- and W-type microswitches 8-63340
- Michikami, O.** Hardness of internally oxidized Ag-Ga alloys 8-60744
- Michikami, O.** *see* Tsurumi, S. 8-88473
- Michiyoshi, I.** Heat transfer in air-water two-phase flow in a concentric annulus 8-91002
- Michiyoshi, I., Makino, I., Makino, K.** Heat transfer characteristics of evaporation of a liquid droplet on heated surfaces 8-59269
- Michnik, J.** *see* Kotanski, A. 8-82174
- Mickens, R.E.** Exact results on the temperature dependence of the specific equilibrium recombination rate coefficient 8-60989
- Micklinghoff, M.** Nuclear structure calculation including modified continuum states 8-54699
- Micocci, G.** *see* Rizzo, A. 8-72158
- Miczka, T.** *see* Althoff, K.H. 8-66125
- Miczka, T.** *see* Haas, R. 8-66131
- Middelboe, V., Johansen, H.S.** A simple and reasonably accurate method for optical analysis of $^{13}C/^{12}C$ ratios in carbon dioxide 8-85228
- Middelhoeck, J.** *see* Tangena, A.G. 8-64117
- Middelkoop, G.** *see* Van Middelkoop, G.
- Middleman, S.** *see* Tirrell, M. 8-76982
- Middleman, N.** *see* Baker, R.D. 8-70404
- Middlemiss, K.M.** *see* Barber, M.N. 8-81927
- Middlemiss, K.M.** *see* Ma, L. 8-67906
- Middleton, F.H.** *see* Pruett, C.H. 8-62234
- Middleton, M.S.** *see* Salem, M. 8-53817
- Middleton, P., Kiang, C.S.** Experimental and theoretical examination of the formation of sulfuric acid particles 8-96256
- Middleton, R., Adams, C.T., Kollarits, R.V.** Acceleration of tritium in an FN tandem accelerator 8-55070
- Middleton, R.** *see* Alburger, D.E. 8-66210
- Middleton, R.** *see* Bilaniuk, O.M. 8-89891
- Middleton, R.** *see* Crozier, D.J. 8-50180
- Middleton, R.** *see* Fortune, H.T. 8-54674, 8-70422, 8-82284, 8-82383
- Middleton, R.** *see* Hallock, J.N. 8-93944
- Middleton, R.** *see* Lafrance, S. 8-93945
- Middleton, R.** *see* Mateja, J.F. 8-78266
- Middleton, R.** *see* Moore, G.E. 8-62548
- Middleton, R.** *see* Mordechai, S. 8-70542
- Middleton, R.** *see* Powers, J.R. 8-50179
- Midukov, V.Z.** *see* Doshchinskii, G.A. 8-52906
- Midwinter, J.E.** *see* Eve, M. 8-50928
- Midzuno, Y., Sugihara, R., Tsintsadze, N.L.** Effect of a finite amplitude wave on electrical conductivity 8-91070
- Mied, R.P.** The instabilities of finite-amplitude barotropic Rossby waves 8-55654
- Mied, R.P.** A possible hazard in optimizing an overrelaxation Poisson solver 8-81813
- Miedaner, H.** High current ignitor in plasma physics 8-75435
- Miedema, A.R., Boom, R.** Surface tension and electron density of pure liquid metals 8-51803
- Miehe, C.** *see* Huck, A. 8-74336
- Miehe, J.A.** *see* Heisel, F. 8-60500, 8-67945
- Mieher, R.L.** Theory of silicon hyperfine interactions with shallow-donor electrons: A reply 8-51934
- Miekisz, S.** *see* Richardson, I.W. 8-73132
- Mielczarek, D.** *see* Szostak, M.M. 8-60437
- Mielczarek, E.V., Papaconstantopoulos, D.A.** Isomer shift and charge density in FeAl and the ^{57}Fe isomer shift 8-80264
- Miele, A., Mangiavacchi, A., Mohanty, B.P., Wu, A.K.** Numerical determination of minimum mass structures with specified natural frequencies 8-63278
- Mielenz, K.D.** Refraction correction for fluorescence spectra of aqueous solutions 8-93766
- Mielke, P.W., Jr.** On criticisms concerning the Israeli experiment 8-92927
- Mielniczuk, J.** *see* Bruhns, O. 8-79220
- Mielnik, E.M.** *see* Kofman, R.J. 8-53180
- Mier, M.G.** *see* Maartense, I. 8-68325
- Miera, F.R., Jr., Hakonson, T.E.** Radiation doses to rodents inhabiting a radioactive waste receiving area 8-85383
- Mierzecki, R.** Influence of molecular interactions on the isotropy of molecules as studied by Raman scattering 8-58697
- Miescher, E.** Autoionisation structure of nitric oxide (NO) at the first ionisation limit 8-58748
- Mietling, K.-D.** *see* Hannemann, J. 8-77852
- Miettinen, H.E.** *see* Albrow, M.G. 8-58214
- Miewe, R., Schrijver, J.** Heliumlike ion line intensities. III. Results 8-89051
- Mif, N.P.** *see* Ivlev, A.I. 8-89421
- Miftakhutdinova, F.G.** *see* Anisimov, A.V. 8-77159
- Migay, V.K.** Reynolds analogy in boundary layers with pressure gradients 8-83382
- Migdal, A.B.** Pion condensation 8-50114
- Migdal, A.B.** Pion fields in nuclear matter 8-58246
- Migdal, A.B.** Instability of the Yang-Mills levels and gluon field condensation 8-70289
- Migdal-Mikuli, A., Mikuli, E., Rachwalska, M., Hodorowicz, S.** Investigation of the phase situation in polycrystalline $[Mg(NH_3)_6](ClO_4)_2$ by adiabatic calorimetry and X-ray diffraction methods 8-63854
- Migdalek, J.** Relativistic oscillator strengths for some transitions in Cu(I), Ag(I) and Au(I) 8-74609
- Migdalek, J.** Relativistic and cancellation effects in the line strength ratios of the aluminium group elements spectra 8-82689
- Migdalek, J., Baylis, W.E.** Influence of atomic core polarisation on oscillator strengths for $^{25}Si_{1/2} - ^{25}P_{1/2,3/2}$ and $^{26}P_{1/2,3/2} - ^{26}D_{3/2,5/2}$ transitions in Cu I, Ag I and Au I spectra 8-86818
- Migeon, H.-N., Zanne, M., Jeannot, F., Gleitzer, C.** Study of the non-stoichiometry and properties of $BaCuO_{2+x}$ (with $0 \leq x \leq 0.12$) 8-95051
- Miggenrieder, H.** *see* Schwenn, R. 8-57419
- Migliardo, P.** *see* Fontaine, A. 8-79520
- Migliardo, P.** *see* Fontana, M.P. 8-84563
- Migliardo, P.** *see* Maisano, G. 8-75863
- Miglietta, F.** Intrinsic $SO_{2.2} \times GL_{1,r}$ invariance of Dirac equation 8-93826
- Migliorato, P.** *see* Elliott, C.T. 8-49896
- Migliori, A., Schermer, R.L., Henke, M.D.** Dielectric tracking in liquid helium [Coolant for superconducting magnet] 8-92022
- Migliorini, P.** *see* Fedi, F. 8-53685
- Mignani, R.** Gravitational analogues of magnetic monopoles from the path-dependent formalism 8-81898

- Mignani, R. *see* Dattoli, G. 8-54182, 8-58165, 8-82142, 8-82209
- Mignard, F. *see* Pham-Van, J. 8-61793
- Migolinet, L.M. *see* Bletsan, D.I. 8-52513
- Migoni, R., Bilz, H., Bauerle, D. Mode-mode coupling in incipient ferroelectrics 8-79717
- Migoni, R. *see* Bhattacharya, G. 8-60465
- Miguel, M.San *see* San Miguel, M.
- Migus'kina, Z.A. *see* Shlishevskii, B.E. 8-90542
- Mihailescu, I.N. *see* Apostol, D. 8-75428
- Mihailescu, V. Extension of the generalized Christoffel symbol to a projective quaternion space 8-81892
- Mihailov, M.G. *see* Kehlibarov, T.I. 8-77844
- Mihailov, N.N. *see* Voronova, I.V. 8-52127
- Mihailovic, M.V., Poljsak, M. A method for calculating collisions of light nuclei based on two-centre generator coordinate functions 8-50137
- Mihailovic, M.V., Poljsak, M. Generator coordinate description of molecule-like states of p-shell nuclei 8-54664
- Mihailovic, M.V., Poljsak, M. A description of ⁷Li in a model for coupling two-cluster structures 8-78288
- Mihajlovic, A. *see* Mance, A. 8-72895
- Mihalache, D. *see* Corciovei, A. 8-64210
- Mihaljan, J.M. Deceleration of the entropy production 8-93094
- Mihalov, J.D. *see* Dryer, M. 8-57422
- Mihaly, G. *see* Kemeny, T. 8-60119
- Mihama, K. *see* Hirono, H. 8-83679
- Mihama, K. *see* Saito, Y. 8-63685
- Mihara, M., Gotoh, E., Kodama, M. High pressure BF₃ proportional counter 8-66453
- Mihara, M. *see* Inada, T. 8-83834
- Mihás, P. *see* Economou, E.N. 8-52192
- Mihelcic, D., Ehhalt, D.H., Kullessa, G.F., Klomfass, J., Trainer, M., Schmidt, U., Rohrs, H. Measurements of free radicals in the atmosphere by matrix isolation and electron paramagnetic resonance 8-73535
- Mihelcic, M. *see* Wenzl, H. 8-64461
- Mihelich, J.W. *see* Fleissner, J.G. 8-66307
- Mihich, L. *see* Antoci, S. 8-51888
- Mihkelson, V., Kirss, H., Kudrjavzeva, L., Eisen, O. Vapour-liquid equilibrium T-x measurements by a new semi-micro method 8-87782
- Miida, Y. Reflection of spherical sound wave from a rigid sphere 8-66969
- Miike, H. *see* Kohno, T. 8-59739
- Miller, A.P. *see* Cezairliyan, A. 8-91423
- Mijnarends, P.E. *see* Harthorn, R. 8-63962
- Mijnlieff, P.F., Wiegell, F.W. Intrinsic viscosity and friction coefficient of polymer molecules in solution: porous sphere model 8-71301
- Mika, J. *see* Blenski, T. 8-50238
- Mika, J. *see* Nguyen Quang Sinh 8-78435
- Mikac, N. *see* Maksic, Z.B. 8-50660, 8-70961
- Mikac, S. *see* Grabec, I. 8-67517
- Mikado, T. Neutron production by the use of electron linear accelerators 8-78532
- Mikado, T., Tomimatsu, T., Yamazaki, T., Chikawa, M. Response of magnesium silicate thermoluminescence phosphor to high-energy electrons 8-78502
- Mikado, T. *see* Tomimatsu, T. 8-78501, 8-78515
- Mikado, T. *see* Yamazaki, T. 8-78503
- Mikaelian, K.O. Orthopositronium decay into axions 8-78125
- Mikaelian, K.O. Spin effects in gravitational collapse 8-96472
- Mikaelyan, A.L., Smilga, V.P. 'Anomalous' temperature dependence of rate of relaxation of μ^+ polarisation in certain normal metals 8-92012
- Mikaelyan, A.L. *see* Balbashov, A.M. 8-50932
- Mikaelyan, L.A. *see* Borovoi, A.A. 8-58310
- Mikami, H. A computational study of the density and temperature distribution in a freely expanding uranium hexafluoride gas 8-74458
- Mikami, M. New annealing method and CaGe garnet film coercivity 8-84459
- Mikami, O., Noda, J., Fukuma, M. Directional coupler type light modulator using LiNbO₃ waveguides 8-66951
- Mikami, O. *see* Noda, J. 8-74973
- Mikami, T. Absolute magnitudes of M-type stars in the solar neighbourhood 8-81631
- Mikami, T. Absolute magnitudes of F-, G-, and K-type stars in the solar neighbourhood 8-81632
- Mikamo, S. *see* Higashi, S. 8-55081
- Mikawa, H. *see* Ikeno, S. 8-56416, 8-60375, 8-84220
- Mikel'son, A.E. *see* Vitola, V.Kh. 8-76056
- Mikel'son, G. *see* Damburg, N. 8-92814
- Mikenberg, G. *see* Brandelik, R. 8-62416
- Mikenberg, G. *see* Cutts, D. 8-89746
- Mikerina, N.V. *see* Ivanov, K.G. 8-73600
- Mikeska, E.E., McKinney, C.M. Range dependence of underwater echoes from randomly rough surfaces 8-63229
- Mikeska, H.J. *see* Pesch, W. 8-72324
- Mikhail, A. *see* Justus, C.G. 8-92908
- Mikhail, I. *see* Mayer, H.W. 8-60661
- Mikhail, S.H. *see* Kinsner, W. 8-68320
- Mikhailenko, G.P., Chernyi, Yu.F. Compressibility of compacts from hard-alloy powder mixtures in hydrostatic working 8-68645
- Mikhailenko, G.P. *see* Galkin, A.A. 8-56596
- Mikhailenko, N.A. *see* Baron, V.D. 8-64969
- Mikhailenko, S.A., Dudar', B.G., Derkach, V.N. Viscous-elastic properties and acoustic relaxation in liquid methane-argon mixtures 8-75736
- Mikhailenko, S.A., Yakuba, V.V., Butko, A.E. Self-diffusion and nuclear magnetic relaxation in liquid methane-argon mixtures 8-87799
- Mikhailenko, V.D. *see* Vasil'ev, E.V. 8-77908
- Mikhailenko, V.E. Contactless electroacoustic method of acoustic flaw detection 8-53120
- Mikhailenko, V.I., Grosul, V.P., Red'kin, Y.R. Quasilinear spectra of 'double' molecules with a weak resonance bond 8-74640
- Mikhailichenko, A.A., Turkin, V.F. Miniature pulse deflector 8-82545
- Mikhailichenko, V.I. *see* Aleshin, Yu.D. 8-89732
- Mikhailin, V.V., Chernov, S.P., Shepelev, A.V. On the possibility of UV laser generation in crystals with pumping by hard electromagnetic radiation 8-82973
- Mikhailin, V.V. *see* Devyatkova, L.I. 8-64414
- Mikhailin, V.V. *see* Khokhlov, R.V. 8-66835
- Mikhailov, A.M., Besspalov, N.S., Vorontsov, V.I. Apparatus for decanting of solid and liquid phases in crystallization of alloys 8-56597
- Mikhailov, A.V. *see* Kuznetsov, E.A. 8-49685
- Mikhailov, A.V. *see* Lvov, V.S. 8-55633
- Mikhailov, A.V. *see* Zakharov, V.E. 8-70291
- Mikhailov, E.L. *see* Kompanets, O.N. 8-50800
- Mikhailov, I.G. *see* Manucharov, Yu.S. 8-83883
- Mikhailov, I.N. *see* Ignatuk, A.V. 8-70439
- Mikhailov, I.N. *see* Karadjov, D. 8-89775, 8-89776
- Mikhailov, I.N. *see* Kvasil, J. 8-74310
- Mikhailov, L.A. *see* Osipova, O.G. 8-94921
- Mikhailov, M.D., Spassov, K.I. Turbulent flows of gas mixture undergoing equilibrium and nonequilibrium reactions in a concurrent double pipe heat exchanger 8-94856
- Mikhailov, M.I. *see* Lazarova, M.S. 8-85280
- Mikhailov, R.L., Kaftanova, O.N., Gorushkina, L.P. Characteristics of the phase composition of high-magnesium cast iron 8-84780
- Mikhailov, S.I. *see* Basov, N.G. 8-90458
- Mikhailov, S.I. *see* Panyayev, Yu.M. 8-69178
- Mikhailov, S.K. *see* Blistanova, T.A. 8-95895
- Mikhailov, S.P., Shcherbinin, V.E. Representation of a local field recorded on magnetic tape with bias [experimental] 8-72965
- Mikhailov, S.P., Shcherbinin, V.E. Representation of a local field recorded on magnetic tape with bias [calculations] 8-72966
- Mikhailov, S.P. *see* Shcherbinin, V.E. 8-53129, 8-53130
- Mikhailov, V.I. *see* Alekseeva, O.K. 8-72637, 8-88380
- Mikhailov, V.I. *see* Kochenkov, V.A. 8-58520
- Mikhailov, V.N. *see* Lutkov, A.I. 8-80487
- Mikhailov, V.O. *see* Gordin, V.M. 8-61580
- Mikhailov, V.V. *see* Brontvein, M.D. 8-94475
- Mikhailov, Yu.A. *see* Belyaev, L.M. 8-74114
- Mikhailov, Yu.N. *see* Davydov, B.A. 8-50787
- Mikhailov, Yu.V. *see* Antipov, Yu.M. 8-62581
- Mikhailov, Yu.V. *see* Apel', V.D. 8-78223
- Mikhailov, Yu.V. *see* Donskov, S.V. 8-78549
- Mikhailova, E.N., Shapiro, N.B. On the calculation of deep currents near the equator 8-65330
- Mikhailova, G.V. *see* Zuev, B.K. 8-61113
- Mikhailova, L.K., Mogutnov, B.M., Suyazov, A.V., Tomilin, I.A., Usikov, M.P. Relationship between anomalies of the crystal lattice of martensite and thermodynamic properties of carbon in austenite 8-59781
- Mikhailova, N.V., Rakhimov, A.T., Favorski, A.P. The development of the thermal instability in a plasma of non-self-sustained discharge 8-71611
- Mikhailova, V.A. *see* Fialkov, A.S. 8-68715
- Mikhailovskaya, E.V. *see* Kostyshin, M.T. 8-92125
- Mikhailovskii, A.B., Pokhotelov, O.A. Excitation of Alfvén waves by fast ions in a finite- β plasma 8-51299
- Mikhailovskii, A.B. *see* Krymskii, A.M. 8-91138
- Mikhailovskii, A.B. *see* Meerson, B.I. 8-79424
- Mikhailovskii, A.V. *see* Zelenyi, L.M. 8-59562
- Mikhailovskii, V.N. *see* Kuksenko, V.I. 8-81321
- Mikhailovskii, Yu.K. *see* Gusev, V.K. 8-59666
- Mikhailus, N.G. *see* Efremenko, I.P. 8-92431
- Mikhailuk, I.P., Koz'mik, V.D., Kshevetskii, S.A. Anomalous X-ray transmission in the presence of four-wave diffraction (111, 200, 311) 8-79494
- Mikhailchenko, R.S., Pershin, N.P. Heat and mass transfer in laminar-vacuum insulation 8-59280
- Mikhailchuk, A.A. *see* Nekrasov, A.G. 8-49725
- Mikhaleiko, V.N. *see* Georgobiani, A.N. 8-95052
- Mikhalev, L.A. Radiation temperature of a gas discharge plasma 8-59697
- Mikhalev, V.S., Novichenok, L.N., Pikus, Yu.M. Thermophysical and rheological properties of certain biological fluids 8-80902
- Mikhalevich, A.A., Nesterenko, V.B. Laminar film condensation of a chemically reacting gas 8-51258
- Mikhalevsky, P.N., Dyer, I. Approximations to distance shipping noise statistics 8-55496
- Mikhalko, I.P. *see* Semak, D.G. 8-87998
- Mikhalkov, K.V. *see* Vetokhin, S.S. 8-88039
- Mikhaylov, A.V., Ostrovskiy, G.I. Comparative analysis of numerical methods of solving the continuity equation for the plasma of the ionospheric F₂ region 8-69578
- Mikhaylov, A.V., Serebryakov, B.Ye. A model of the latitudinal variations of the annual pattern of n_eF₂ dependence on the solar-activity level 8-69577
- Mikheev, K.G. *see* Sokolov, G.A. 8-59523
- Mikheev, L.D., Shirokikh, A.P., Startsev, A.V., Zuev, V.S. Optically pumped molecular-iodine laser on the 342-nm band 8-79008
- Mikheev, L.D. *see* Baboshin, V.N. 8-50769
- Mikheev, L.D. *see* Basov, N.G. 8-71097
- Mikheev, M.N., Dunaev, F.N., Gorkunov, E.S. Steady magnetizing fields in component checking after heat treatment 8-60958
- Mikheev, M.N., Gorkunov, E.S., Dunaev, F.N. Nondestructive magnetic inspection of hardened and tempered parts of low-alloy constructional and plain carbon steels. I 8-95889
- Mikheev, M.N., Morozova, V.M., Remez, N.V., Surin, G.V. Magnetic inspection of the heat-treatment quality of cold-rolling rolls 8-88613
- Mikheev, M.N., Neizvestnov, B.M., Bida, G.V., Surin, G.V., Morozova, V.M. Magnetic inspection of the heat treatment quality of large bearing parts 8-73007
- Mikheev, M.N. *see* Aronson, E.V. 8-72799, 8-72972, 8-72973
- Mikheev, M.N. *see* Bida, G.V. 8-53135, 8-76809
- Mikheev, N.V. *see* Lipmanov, E.M. 8-54604
- Mikheev, V.A. *see* Eselson, B.N. 8-71902
- Mikheev, V.L. *see* Artyukh, A.G. 8-89909
- Mikheeva, G.N. *see* Enukova, T.A. 8-70187
- Mikhel'son, M.L. Lorentz forces with combined and separate action of electric and magnetic fields on solutions 8-51455
- Mikhel'son, M.L. Rates of growth and solution of ultramicroscopic calcite particles in aqueous calcium bicarbonate solution in a magnetic field 8-53260
- Mikhin, N.P. *see* Eselson, B.N. 8-71902
- Mikhnev, R.A. *see* Maksimov, L.S. 8-90543
- Mikhnov, S.A., Khyuppenen, V.P. Optimization of selector parameters for a one-frequency tunable one-pulse laser 8-74935
- Mikhnov, S.A. *see* Korochkin, L.S. 8-74937, 8-83642
- Mikho, V.V. *see* Dmitrenko, Z.F. 8-52560
- Mikho, V.V. *see* Germann, R. 8-92129
- Miki, K. Analytical method of fuel pin deformations in LMFBR assembly 8-54829
- Miki, K. *see* Takeda, S. 8-89936
- Miki, M., Fujii, T. A study on the fracture mechanism of fibrous composite using a cumulative failure model 8-92315
- Miki, T., Ikeya, M. Thermoluminescence and ESR dating of Akiyoshi stalaclite 8-88807
- Miki, T., Nakagawa, K., Koyama, M., Ishio, H. Experimental optical fiber digital transmission systems 8-66943
- Mikic, B.B. *see* Singh, A. 8-90654
- Mikirtych'yants, S.M. *see* Gordeev, V.A. 8-52416
- Mikityuk, Z.M. *see* Dutchak, Ya.I. 8-59752
- Miki, I.R. Efficiency of convective circular fins with a triangular profile 8-67007
- Mikkelsen, I.S., Aarons, J., Martin, E. Geometrical considerations of 136 MHz amplitude scintillation in the auroral oval 8-61660
- Mikkelsen, I.S., Primdahl, F., Spangselev, F. Comment on 'Cross-polar cap horizontal E region currents related to magnetic disturbances and to measured electric fields' by F. Primdahl and F. Spangselev [and reply] 8-77405
- Mikkelsen, T., Pecseli, H.L. Investigation of strong turbulence in a low- β plasma 8-94915
- Mikkola, D.E. *see* LaRouche, S. 8-80560
- Miklavc, A., Fischer, S.F. Semiclassical theory of collision-induced vibrational-rotational transitions. Application of methyl halides 8-78785
- Miklos, G. *see* Brandle, H. 8-82317
- Miklyaev, P.G. *see* Neshpor, G.S. 8-60907
- Mikolachuk, A.G., Kogut, A.N., Kovalchuk, V.I., Shchuk, P.I. X-ray studies of amorphous and crystalline GeTe 8-88385

- Mikolajewicz, A., Zalwert, S., Krotki, E., Jarosz, K. Studies on structure and properties of multifunctional impact modifier of MBS type in poly(vinyl chloride) compositions. I. The influence of modifier on mechanical and rheological properties of PCW-S composition 8-52751
- Mikolajewski, M. see Semeniuk, I. 8-61862
- Mikoshiba, N. see Morita, S. 8-84250
- Mikoshiba, N. see Yamanishi, M. 8-82977
- Mikryukov, Ch.K. see Krishberg, R.R. 8-75231, 8-94841
- Miks, A. Experiences with the usage of the D-meter in measuring materials thickness 8-49795
- Miks, A. Modification of relations for calculation of aberrations of the third order of thin lenses in Caddington variables 8-50885
- Miksad, R.W., Zimmermann, K.A. Measurements of relative diffusion at small scales 8-88838
- Mikuckis, J.-R.J. see Lazenais, G.-L.B. 8-74119
- Mikula, A., Chang, Y.A., Neumann, J.P. Thermodynamics of the α - and β -phases in the Co-Ga system 8-71870
- Mikula, R.J. see Jean, Y.C. 8-80774
- Mikuli, E. see Migdal-Mikuli, A. 8-63854
- Mikulinsky, M.A. A generalization of the fluctuation-dissipation theorem for the case of excess noise 8-70059
- Mikul'ski, S.S., Kharchenko, S.P. Some data on deep structure of the Dnieper-Donets depression in the region of geological traverse III from the MTS data 8-96170
- Mikumo, T., Miyatake, T. Dynamical rupture process on a three-dimensional fault with non-uniform frictions and near-field seismic waves 8-77186
- Mikumo, T. see Tagishi, Y. 8-70523
- Mikuriya, N. see Nishikawa, H. 8-59811
- Mikus, O. see Lukac, P. 8-59714, 8-91167
- Mikusik, P. see Tomasek, M. 8-76126
- Milaev, A.I. see Margulova, T.Kh. 8-50280
- Milagin, M.F. see Shishkin, N.I. 8-63842
- Milam, D. see Weber, M.J. 8-50866
- Milan, D. see Martin, W.E. 8-71104
- Milanovic, V.B. see Tjapkin, D.A. 8-88021
- Milant'ev, V.P. To the theory of charged particles motion in HF-fields in the presence of a strong magnetic field 8-62996
- Milant'ev, V.P. Self-resonant motion of an electron in a monochromatic wave 8-66737
- Milashenko, V.I. see Nigmatulin, B.I. 8-75189
- Milashenko, V.I. see Subbotin, V.I. 8-94806
- Milberg, M.E., Miller, W.M. Observation of a noncrystalline phase in sintered Si_3N_4 - Al_2O_3 - Y_2O_3 8-64536
- Milburn, L.H., Wheeler, G.L. Gageometer 8-62177
- Milburn, R.H. see Mroczkowski, J.A. 8-55378
- Milch, J.R. see Reynolds, G. 8-89609
- Milchev, A., Stoyanov, S., Kaishev, R. Theoretical aspects of electrolytic nucleation at high supersaturation 8-61025
- Milchev, A., Unger, K. Third-order contribution to the effective ion-ion interaction and formation of angular forces in crystalline solids. I. General formulation of the expression for the total energy 8-63998
- Milchev, A., Unger, K. Third-order contribution to the effective ion-ion interaction and formation of angular forces in crystalline solids. II. Application to tetrahedral solids 8-67970
- Mildner, D.F.R. Small angle scattering on a pulsed neutron source 8-55083
- Mildner, D.F.R., Boland, B.C., Sinclair, R.N., Windsor, C.G., Bunce, L.J., Clarke, J.H. A cooled polyethylene moderator on a pulsed neutron source 8-70666
- Mildner, D.F.R. see Berliner, R. 8-70692
- Mildner, D.F.R. see Boland, B.C. 8-86721
- Mildner, D.F.R. see Windsor, C.G. 8-58532
- Mileev, V.N., Safin, V.I., Strakhova, S.I. The excitation of heavy atoms by electrons in multiple-collision diffraction theory 8-82844
- Milenin, V.M. see Kagan, Ju.M. 8-67491
- Milenin, V.V. see Antoshchuk, V.V. 8-56206
- Milenina, R.V. see Denisov, R.A. 8-72578
- Milenina, R.V. see Lushchik, Ch.V. 8-72575
- Miles, J.W. On the second Painleve transcendent 8-49675
- Miles, M., Gleiter, H. Observation of preferred (epitaxial) orientation relationships between polyethylene crystals 8-67923
- Miles, M., Petermann, J., Gleiter, H. Structure and deformation of polyethylene hard elastic fibers 8-51437
- Miles, P.A. Infrared optics in an airborne environment 8-82039
- Miles, P.W. Scattering of electromagnetic waves from a grating of parallel conductors 8-50682
- Miles, R.B. see Zimmerman, M. 8-59530
- Mileshkina, N.V. see D'yakonova, N.I. 8-67925
- Milev, N. see Georgiev, G. 8-72320
- Milevskii, S.Ya., Topunov, G.A. Method of computing the heat influxes over electrical cables in cryogenic systems 8-81988
- Milewski, A. Analysis of measuring possibility of measuring low-loss dielectric in the E_{440} resonator 8-70153
- Milewski, J., Brunne, M., Stanco, J., Zielinski, A., Irczak, M., Rabczuk, G., Demin, A.I., Kudryavtsev, E.M., Volkov, A.Yu., Sobolev, N.N. Low-stagnation-temperature characteristics of CW N_2O and CO_2 gas-dynamic mixing lasers pumped by nitrogen or air 8-63053
- Miley, G., Petrie, T., Meika, P.R., Hively, L., Wang, M. Plasma engineering problems associated with superthermal fusion products 8-66417
- Miley, G.H., Southworth, F.H., Choi, C.K., Wang, M.Y., Gerdin, G.A., Driemeyer, D. Concepts for D- ^3He satellite reactors 8-70643
- Miley, G.H. see Boody, F.P. 8-58997
- Miley, G.H. see Campbell, M. 8-58446
- Miley, G.H. see Frenkel, G. 8-95102
- Miley, G.H. see Hively, L.M. 8-56443
- Miley, G.H. see Macosko, E.L. 8-83335
- Miley, G.H. see Proulx, M.A. 8-56445
- Miley, G.H. see Sampson, H.R. 8-56447, 8-63579
- Miley, G.H. see Wang, M.Y. 8-58448
- Miley, G.K., Hartsuiker, A.P. Radio intensity and polarization distributions of quarsars at three frequencies 8-96560
- Miley, G.K. see Harris, D.E. 8-96545
- Milgram, M.S. Analytic method for the solution of the one-group, integral transport equation for a homogeneous sphere 8-62589
- Milgram, M.S. Comments on particle collision method in spherical geometry by escape probabilities 8-78433
- Milgram, M.S. Potential of axial fuel management strategies in thorium-fueled CANDU-A 8-94075
- Milgram, M. On the orbital variations of the optical polarization in Cygnus X-1 8-54577
- Milgram, M. On the nature of the galactic bulge X-ray sources 8-81706
- Milgram, M., Bencall, J.N. Apparatus superluminal expansion velocities in the dipole magnetic field model 8-77614
- Milgram, M., Shapiro, S.L. Two-body tidal dissipation in large N-body systems 8-93329
- Milgram, M. see Avni, Y. 8-65718
- Milhorn, H.T., Jr., Pearce, D.H. Simulation of the respiratory control system: state of the art 8-53441
- Milia, F., Voudouris, M., Kandover, A., Levstik, A., Blum, R. ^{235}U nuclear quadrupole resonance study of the phase transition in Na_2HAsO_4 8-52375
- Milia, F. see Hadjoudis, E. 8-70849
- Miliawan, D. see Rutgers, H. 8-85415
- Milic, A. see Obradovic, M. 8-78591
- Milic, B.S. see Zigman, V.J. 8-75306
- Milic-Emlin, J. see Grunstein, M.M. 8-53436
- Milicka, K. see Orlova, A. 8-80608
- Milivskii, R.A. see Pimenov, V.N. 8-52826
- Milillo, F.F., Potter, D.J. Interstitial ordering and precipitation in dilute Fe-O alloys at 100 to 270°C 8-52813
- Militsin, O.V. see Alyushin, Yu.A. 8-60708
- Milinski, N. Determination of electric current by the time correlation function force-force and force-momentum. I. Derivation of a general formula 8-95274
- Milinski, N. Determination of electric current by the time correlation function force-force and force-momentum. II. Application to the system of the electrons in a pseudopotential 8-95275
- Militskii, Yu.A. see Bordenko, G.S. 8-69353
- Milivojevic, K. see Djukic, Z. 8-57062
- Miljak, M., Andreux, A., Friend, R.H., Malfan, G., Jerome, D., Bezzegard, K. Observation of de Haas-Shubnikov oscillations in an organic metal, HMTF-TCNQ 8-84201
- Miljak, M., Cooper, J. Complex TCNQ salts with asymmetric donors. II. Magnetic properties 8-69264
- Miljak, M. see Friend, R.H. 8-50977
- Miljevic, V.I. Population of argon ion energy levels in the plasma in crossed electric and magnetic field 8-67428
- Milkovska, M. see Brzozowska, M. 8-85469
- Milb, B.V., Belikovskaya, E.I., Immonen, M.A., Belov, N.V. Refined crystal structure of the vanadium garnets $\text{Ca}_2\text{Si}_2\text{O}_{12}$, $\text{Ca}_2\text{Sc}_2\text{O}_{12}$ and $\text{Ca}_2\text{Ge}_2\text{O}_{12}$ 8-87654
- Milt, T. see Mabey, W. 8-76856
- Mil Yung Chan see Niroomand-Rad, A. 8-58649
- Millian, P.M. see Hamilton, P.M. 8-96296
- Millanta, L. see Bini, M. 8-72336, 8-94495
- Millar, B.C., Fielden, E.M., Miller, J.I. Interpretation of survival-curve data for Chinese hamster cells line V-79 using the multi-target, multi-target with initial slope, and a 2 equations 8-85644
- Millar, C.A., Hutchinson, R.H. Manufacturing tolerances for silver-silver ion-exchange planar optical waveguides 8-71212
- Millar, J.L. see Millar, B.C. 8-85344
- Millard, R., Thierry, A., Skoulios, A. Role of molecular mass in the appearance of thermotropic nematic phases 8-75547
- Miller, M.F., Silver, A.H. Influence of the free surface on the electrical behaviour of metal contacts to p-InAs 8-95362
- Milligan, D.R. see Dowdy, E.J. 8-82527
- Miller, D.J. Microwave spectroscopic investigations of hydrogen-bonded complexes 8-62794
- Miller, D.J. see Legon, A.C. 8-70815
- Miller, D.J. A note on recoupling coefficients for $\text{SU}(3)$ 8-66056
- Miller, A. see Berthet, C. 8-56951
- Miller, A. see Dempsey, J. 8-79077
- Miller, A. see Ditley, B.L. 8-53473
- Miller, A.A. Mobilities of polymer liquids at constant temperature and at constant volume 8-96174
- Miller, A.B. see Sherman, G.J. 8-96097
- Miller, A.C., Czanderna, A.W. Ion scattering analysis of contaminated copper oxide surfaces before and after cleaning 8-53307
- Miller, A.C. see Brill, L. 8-81053
- Miller, A.C., Jr. see Harrison, W.E., Jr. 8-81966
- Miller, A.E. see Argüir, G. 8-84738
- Miller, A.E. see Heinrich, J.P. 8-68215
- Miller, A.E. see Nestly, H.H. 8-96577
- Miller, A.E. see Byers, J.G. 8-68347
- Miller, A.J. Spectral analysis of the electrochromism of the temporal mode in the meson memory, *Macula mutans* 8-69089
- Miller, A.K. see Adams, D.F. 8-90733
- Miller, A.R. A theoretical relation for the position of the energy barrier between initial and final states of chemical reactions 8-76831
- Miller, A.R. see Scullman, R.A. 8-79759
- Miller, A.W., Jr., Street, R.L. On the existence of temperature waves at a wavy air-water interface 8-57213
- Miller, B., Fink, M. The effect of finite scattering geometry on measured electron differential cross sections 8-74602
- Miller, B., Fink, M. The effect of finite scattering geometry on measured electron diffraction cross sections. II. Structural parameters 8-74603
- Miller, B. see Heller, A. 8-76142
- Miller, B.J., McFee, J.H., Martin, R.J., Tien, P.K. Room-temperature operation of lattice-matched InP GaAs-AlGaInP double-heterostructure lasers grown by MBE 8-74946
- Miller, B.J. see Fink, J.R. 8-74598
- Miller, C.A. see McFadden, R.H. 8-74363
- Miller, C.E. see Chu, G.C. 8-58766
- Miller, C.G. Operational experience in the Langley expansion tube with various test gases 8-63447
- Miller, C.M. Fiber-optic array splicing with coated silicon chips 8-55445
- Miller, C.M. see Buckler, M.J. 8-90502
- Miller, C.W. A technique of the determination of atmospheric stability categories for assessing airborne releases of radionuclides 8-73504
- Miller, C.W., Hoffman, F.O., Shaeffer, D.L. The importance of variations in the deposition velocity assumed for the assessment of airborne radionuclide releases 8-60979
- Miller, C.W. see Hoffman, F.O. 8-34148
- Miller, D. see Kaelin, J. 8-95633
- Miller, D.A., Pilkington, R. The effect of temperature and carbon content on the oxidation behaviour of a 1.5 pct Cr-0.5 pct V steel 8-64638
- Miller, D.A., Pilkington, R. Observations of sub-micron cavities in a low alloy ferritic steel 8-95753
- Miller, D.R. see Baland, J.F. 8-93911
- Miller, D.B. see Bowen, P.C. 8-70857
- Miller, D.C., Valente, A.J., Stuck, L.K. The effect of melt flow phenomena on the perfection of Czochralski grown gallium telluride 8-84419
- Miller, D.C., Weinstock, M.M., Magleby, K.L. Is the quantum of transmitter release composed of subunits? 8-77042
- Miller, D.H. Station of barium experiments 8-95764
- Miller, D.H. see Feller, J.M. 8-66136
- Miller, D.H. see Gilman, F.J. 8-66101
- Miller, D.H. see Jones, J.A. 8-50642
- Miller, D.H. see Schaefer, D.L. 8-89723
- Miller, D.H. see Villeneuve, V. 8-93876
- Miller, D.J. Non-reciprocal magnetostatic volume waves 8-94426
- Miller, D.J., Hareman, D. Free-charge densities and the (110) surface of GaAs 8-84275
- Miller, D.J., Hareman, D. Effect of gas exposure on the EPR signal from amorphous silicon films 8-84475
- Miller, D.J., Hareman, D. Wave functions and (110) surface structure of III-V compounds 8-91519
- Miller, D.J., Hareman, D., Baerends, E.J., Roe, P. Comparison of charge densities and periodic charge densities for Si, 8-70740
- Miller, D.J. see Betts, J.A. 8-63112
- Miller, D.J. see Cribb, J.H. 8-82579

- Miller, D.J. *see* Gerber, J.A. 8-68190
 Miller, D.J. *see* Nowak, R.J. 8-78213
 Miller, D.L. Bakeable, ultra-high vacuum compatible, retractable contacting mechanism for in situ thin film resistance and superconductivity measurements 8-49867
 Miller, D.L. *see* Nyborg, W.L. 8-61214
 Miller, D.R. *see* Horne, J.M. 8-80447
 Miller, D.S. *see* Levy, Y. 8-53661
 Miller, D.T. *see* Andrews, D.P. 8-69087
 Miller, E.L. *see* Roberts, T.J. 8-82392
 Miller, E.L. *see* Ryan, W.B.F. 8-73356
 Miller, G. *see* Bartsch, R.R. 8-75404
 Miller, G. *see* Kutac, K.J. 8-54887
 Miller, G.A. Fluctuation theory of the resonance enhancement of Rayleigh scattering in absorbing media 8-72533
 Miller, G.A. Lorentz-Lorenz effect and p^2 terms in pion-nucleus scattering 8-82391
 Miller, G.A. Intermediate rho mesons in pion-nuclear scattering 8-82397
 Miller, G.A., Austern, N., Silver, M. Vanishing closure correction in the second-order optical potential 8-50141
 Miller, G.A. *see* Alberg, M.A. 8-93898
 Miller, G.A. *see* Cheung, C.Y. 8-89798
 Miller, G.E., Halpern, J.B., Jackson, W.M. Tunable VUV photofragment monochromator 8-90316
 Miller, G.E. *see* Volborth, A. 8-85742
 Miller, G.H., Andrews, J.T., Short, S.K. The last interglacial climatic cycle, Clyde foreland, Baffin Island, N.W.T.: stratigraphy, biostratigraphy, and chronology 8-61536
 Miller, G.L. *see* Cohen, R.L. 8-78363
 Miller, G.L. *see* English, A.T. 8-56242
 Miller, G.R. *see* Virkar, A.V. 8-80654
 Miller, H.G. Three statistical tests for 'goodness of fit' 8-57333
 Miller, H.G., Dreizler, R.M., Do Dang, G. Generation of basis states via variational methods 8-78295
 Miller, H.R. 1418+54: a new, violently variable BL Lacertae object 8-93410
 Miller, J. *see* Hein, J.R. 8-53636
 Miller, J. *see* Kover, L. 8-95653
 Miller, J. *see* Shapiro, S.M. 8-91398
 Miller, J.A. *see* Kee, R.J. 8-51252
 Miller, J. Boone *see* Boone Miller, J.
 Miller, J.C., Andrews, L. One-photon and consecutive two-photon excitation of Ca fluorescence in solid krypton at 12K 8-50567
 Miller, J.C., Andrews, L. Laser excited emission spectra of Sr isolated in rare gas matrices at 12K 8-78744
 Miller, J.C., Andrews, L. Laser photoluminescence spectra of $^{24}\text{Mg}_2$ and $^{26}\text{Mg}_2$ in solid argon at 12K 8-82744
 Miller, J.C., Andrews, L. Laser-excited fluorescence of calcium dimer in inert gas matrices 8-94273
 Miller, J.D. *see* Kuhl, P.K. 8-57022
 Miller, J.E., Jr. *see* Canellis, R.W. 8-74490
 Miller, J.G. *see* O'Donnell, M. 8-83135
 Miller, J.G. *see* Passini Yuhas, M. 8-80203
 Miller, J.J. *see* Ashraf, M. 8-61292
 Miller, J.J. *see* Genty, C. 8-90149
 Miller, J.L. The high-pressure absorption spectra of the CO_2 10.6- and 9.4- μm laser bands 8-66543
 Miller, J.M., Chin, J.F.S. Short-term disturbances in the carbon dioxide record at Mauna Loa observatory 8-88879
 Miller, J.M., Hatch, M.R. Integrated thermal/structural/optical evaluations of a spinning cryogenic infrared sensor undergoing thermal/mechanical distortions 8-82040
 Miller, J.M., Logan, D., Catchen, G.L., Rajagopalan, M., Alexander, J.M., Kaplan, M., Ball, J.W., Zisman, M.S., Kowalsi, L. Energy and spin dependence of fission: ^1H and ^4He emission from ^{194}Hg compound nuclei 8-50220
 Miller, J.N. Devices for determining luminescence on TLC plates 8-53305
 Miller, J.N., Lindau, I., Spicer, W.E. The electronic structure of clean and oxidized niobium 8-95682
 Miller, J.N., Philipps, D.L., Burns, D.T., Bridges, J.W. Solvent enhancement effects in thin-layer phosphorimetry 8-61082
 Miller, J.N. *see* Ling, D.T. 8-71919, 8-71956
 Miller, J.N. *see* Spicer, W.E. 8-53254
 Miller, J.R. Tunneling reactions of trapped electrons with added electron acceptors in alcohol glasses at 77K 8-76887
 Miller, J.R., Day, R.D., Farnum, E.H., Hansen, W.G., Tucker, H.E., Teasdale, W.A. Laser fusion target positioning 8-58487
 Miller, J.R., Dresner, L., Lue, J.W. Investigation of current transfer in built-up superconductors 8-62633
 Miller, J.R. *see* Bongiani, W.L. 8-50312
 Miller, J.R. *see* Cranfill, B. 8-58485
 Miller, J.R. *see* Zamaraev, K.I. 8-80759
 Miller, J.S. BL Lacertae objects 8-89259
 Miller, J.S. *see* Epstein, A.J. 8-87968
 Miller, K. *see* Remick, H. 8-81737
 Miller, K.J. *see* Kfoury, A.P. 8-67128
 Miller, K.J. *see* Obianyor, D.F. 8-64627
 Miller, K.J. *see* Smith, R.A. 8-83329
 Miller, K.L., Smith, L.G. Incoherent scatter radar observations of irregular structure in mid-latitude sporadic E layers 8-96342
 Miller, L. Liesegang rings for demonstration of transient state potential flow 8-63408
 Miller, L. A microfluxmeter for ion drag in water 8-79384
 Miller, L.R. *see* Wong, A.Y. 8-58431
 Miller, M.A. *see* Brodsky, Yu. Ya. 8-75353
 Miller, M.D. ^3He - ^4He mixtures in two dimensions 8-51783
 Miller, M.D., Nosanow, L.H. Liquid-to-gas phase transitions in two-dimensional quantum system at zero temperature 8-77798
 Miller, M.D. *see* Guyer, R.A. 8-57850, 8-62145
 Miller, M.G. *see* Taylor, B.E. 8-52432
 Miller, M.H., Powell, J.I., Sharrow, S.O., Schultz, A.R. Rapid data collection, analysis, and graphics for flow microfluorometry instrumentation 8-86348
 Miller, M.J. The Hampstead storm: A numerical simulation of a quasi-stationary cumulonimbus system 8-77308
 Miller, M.J. *see* Nisbet, J.S. 8-96339
 Miller, M.P., Wright, J.C. Single site multiphonon and energy transfer relaxation phenomena in $\text{BaF}_2:\text{Er}^{3+}$ 8-52547
 Miller, P.A., Baker, L., Freeman, J.R., Mix, L.P., Poukey, J.W., Wright, T.P. REB pinching, transport, and combination in plasma channels for ICF 8-50319
 Miller, P.D. *see* Cutler, I.B. 8-95159
 Miller, P.D. *see* Moak, C.D. 8-55066
 Miller, P.D. *see* Monigold, G. 8-95619
 Miller, P.J. *see* Rouse, G.B., Jr. 8-60435
 Miller, R.C., Nordland, W.A., Jr., Logan, R.A., Johnson, L.F. Optically pumped taper-coupled GaAs-AlGa $_{1-x}$ As laser with a second-order Bragg reflector 8-50788
 Miller, R.E. *see* Gough, T.E. 8-86860, 8-89570, 8-90242
 Miller, R.F. *see* Pui, C.P. 8-61071
 Miller, R.G., Lee, E.K.C. Single vibronic level photochemistry of formaldehydes in the A^1A_2 state: radiative and nonradiative processes in H_2CO , HD CO , and D_2CO 8-66583
 Miller, R.G. *see* Baronavski, A.P. 8-61037
 Miller, R.G. *see* Laroye, G.J. 8-57894
 Miller, R.G. *see* McDonald, J.R. 8-60982
 Miller, R.H. Numerical experiments on the stability of disklike galaxies 8-89251
 Miller, R.H. Free collapse of a rotating sphere of stars 8-93325
 Miller, R.H. On the stability of disklike galaxies in massive halos 8-93403
 Miller, R.H. *see* Alguard, M.J. 8-70376
 Miller, R.H. *see* Prescott, C.Y. 8-89719
 Miller, R.I., Johnston, M.H. Theoretical models for metal growth in space—comparison to ground experiments 8-84786
 Miller, R.J., Gangulee, A. Low-temperature interdiffusion in titanium permalloy thin-film diffusion couples 8-71889
 Miller, R.J., Lynall, I.H., Mehl, J.B. Velocity of second sound and mutual friction in rotating helium II 8-51766
 Miller, R.J. *see* Derrick, M. 8-82197
 Miller, R.J. *see* Engler, A. 8-93875
 Miller, R.J. *see* Makdisi, Y. 8-78221
 Miller, R.J. *see* Price, L.E. 8-78209
 Miller, R.K. The steady state response of systems with hardening hysteresis 8-60680
 Miller, R.K. An approximate method of analysis of the transmission of elastic waves through a frictional boundary 8-63371
 Miller, R.K., Iwan, W.D. The peak harmonic response of locally non-linear systems 8-51109
 Miller, R.K. *see* Michel, A.N. 8-69976
 Miller, R.L., Boyer, R.F. Chain folding and cross-sectional area per chain 8-70989
 Miller, R.L., Boyer, R.F. Cross-sectional area per chain: a useful structural parameter for polymer characterization 8-86984
 Miller, R.L. *see* Ming-Sheng Chu 8-67394
 Miller, R.M., Gebhart, B. An experimental study of the natural convection flow over a heated ridge in air 8-94680
 Miller, S., Clarke, J.H.R. The effect of vibration-rotation coupling on Raman band shapes in liquids 8-72491
 Miller, S. *see* Gaskell, T. 8-63654, 8-94954
 Miller, S. *see* Kambour, R.P. 8-68775
 Miller, T.A. *see* Cook, J.M. 8-68888
 Miller, T.A. *see* Freund, R.S. 8-50598
 Miller, T.J., Hart, A.C., Jr., Vroom, W.I., Jr., Bowden, M.J. Silicone- and ethylene-vinylacetate-coated laser-drawn silica fibres with tensile strengths $>3.5 \text{ GN/m}^2$ (500 k.p.s.i.) in $>3 \text{ km}$ lengths 8-87138
 Miller, T.J. *see* Jager, R.E. 8-55479
 Miller, T.K. *see* Onesti, L.J. 8-81254
 Miller, T.M. *see* Lee, L.C. 8-78761
 Miller, T.M. *see* Smith, D. 8-81305
 Miller, W., Jr. *see* Boyer, C.P. 8-57826
 Miller, W., Jr. *see* Kalnins, E.G. 8-62292, 8-62293, 8-77679
 Miller, W.A. *see* Roth, M. 8-60792
 Miller, W.A. *see* Soda, H. 8-51798
 Miller, W.A. *see* Takahata, D. 8-84730
 Miller, W.E. *see* Heyman, J.S. 8-72734
 Miller, W.E. *see* Sher, A. 8-62223
 Miller, W.F., Geller, R.J., Stein, S. Use of a bubble tiltmeter as a horizontal seismometer 8-85712
 Miller, W.F., Jr. *see* Wienke, B.R. 8-59661
 Miller, W.H. Resonance effects in the semiclassical theory of electronically nonadiabatic collision processes 8-66618
 Miller, W.H. MATXUF: On-line real time derivative method for neutron spectrum unfolding 8-74553
 Miller, W.H. A classical/semiclassical theory for the interaction of infrared radiation with molecular systems 8-90164
 Miller, W.H., Smith, F.T. Semiclassical perturbation theory of electron-molecule collisions 8-58825
 Miller, W.H. *see* Dunmur, D.A. 8-60377
 Miller, W.H. *see* Garrett, B.C. 8-68880
 Miller, W.H. *see* Green, S. 8-89237
 Miller, W.H. *see* Matsaura, T. 8-69060
 Miller, W.H. *see* Orel, A.E. 8-80761
 Miller, W.H. *see* Snyder, A.W. 8-88705
 Miller, W.J., Gould, R.K. Electron attachment kinetics in flames. II. Dissociative attachment to HCl 8-68872
 Miller, W.J. *see* Nolen, R.L., Jr. 8-50301
 Miller, W.M. *see* Milberg, M.E. 8-64536
 Miller, Yu.G. *see* Iskender-zade, Z.N. 8-60195
 Miller, Yu.G. *see* Pimenov, V.A. 8-52826
 Milleret, G. *see* Anne, R. 8-70665
 Millero, F.J., Forsht, D., Means, D., Gieskes, J., Kenyon, K.E. The density of North Pacific Ocean waters 8-73391
 Millero, F.J. *see* Chen-Tung Chen 8-79668
 Millet, P., Birot, A., Brunet, H., Galy, J., Pons-Germain, B., Teyssier, J.L. Time resolved study of the UV and near UV continuums of xenon 8-78653
 Millet, P. *see* Delpeyroux, P. 8-66349
 Millett, E.J. Recent progress in laboratory automation 8-57922
 Milieu, M.B. *see* Matcha, R.L. 8-66704
 Millie, P. *see* Chambaud, G. 8-78628
 Milligan, W.O. *see* Beall, G.W. 8-55844
 Milligan, W.O. *see* Swanson, B.I. 8-76455
 Milliken, E. New Hampshire's student-run-planetaryarium 8-65503
 Millis, R.L., Wasserman, L.H. The occultation of BD-15 $^{\circ}$ 3969 by the rings of Uranus 8-89118
 Millner, R., Richter, K.P., Cobet, V. Pulse echo analysis and bio-acoustic properties of tissue 8-85349
 Millner, T. On the role of chemical factors on drawn tungsten wires 8-64557
 Millner, T. *see* Groh, R. 8-64644
 Millot, F. *see* Lynch, J.F. 8-87862
 Millour, J.P., Kobylanski, A., Levy, J. Microplasticity of monocrystalline molybdenum at ambient temperatures 8-52888
 Mills, A.A., Aspin, C., Henbest, S.N. An optical tilt gauge 8-88931
 Mills, A.A., Wilson, R.N. A sampling stylus for use with the electron probe 8-70246
 Mills, A.A. *see* Martin, P.M. 8-65555
 Mills, A.P., Jr., Platzman, P.M., Brown, B.L. Slow-positron emission from metal surfaces 8-95079
 Mills, A.P., Jr. *see* Pfeiffer, L. 8-73639
 Mills, B.Y., Turtle, A.J., Watkinson, A. A radio model of the 30 Doradus region 8-96523
 Mills, D.L. Inelastic scattering of low energy electron beams by surface vibrations: The nature of image force 8-91527
 Mills, D.L., Parlebas, J.C. The use of impurities as probes of critical points in the host band structure 8-91645
 Mills, D.L. *see* Castiel, D. 8-75923
 Mills, D.L. *see* Manz, A. 8-56207
 Mills, D.L. *see* Parlebas, J.C. 8-72100
 Mills, D.L. *see* Sirko, R. 8-87932
 Mills, D.L. *see* Subbaswamy, K.R. 8-95500
 Mills, L.M. *see* Hegelund, F. 8-74667
 Mills, J.J. *see* Ahearn, J.S. 8-52078
 Mills, N.J. Theory of neck development in tensile tests on thermoplastics 8-52897
 Mills, P.F. *see* Rouse, W.R. 8-61459
 Mills, P.M. *see* Adler, P.M. 8-67260
 Mills, R. *see* Harris, K.R. 8-80243
 Mills, R. *see* Hertz, H.G. 8-85166
 Mills, R.H. *see* Koreska, J. 8-57066
 Mills, R.L. The case of the phantom phases in solid hydrogen 8-55946
 Mills, R.L., Liebenberg, D.H., Bronson, J.C. Equation of state of fluid n-D_2 from P-V-T and ultrasonic velocity measurements to 20 kbar 8-63837
 Mills, R.L. *see* Korringa, J. 8-61979
 Mills, R.L. *see* Liebenberg, D.H. 8-74017
 Mills, S.J. *see* Cowley, A.A. 8-58291, 8-70547
 Mills, W.F. *see* Knowles, J.W. 8-78362

- Mills, W.J. The room temperature and elevated temperature fracture toughness response of alloy A-286 8-92355
- Millsaps, K., Nydahl, J.E. Heat transfer in a laminar cyclone. II 8-55548
- Mil'man, Yu.V. see Bochkov, A.V. 8-60752
- Mil'man, Yu.V. see Grigor'ev, O.N. 8-60753
- Milne, D.K. see Cole, T.W. 8-69694, 8-73631
- Milne, E.A. see Crittenden, E.C., Jr. 8-85695
- Milne, H.K. see Cunningham, J. 8-94729
- Milne, I. Assessment of failures beyond the linear elastic regime 8-67141
- Milne, J.W. see Durie, R.A. 8-52510
- Milne, W.G. see Horner, R.B. 8-85500
- Mil'ner, A.A. see Gredeskul, V.M. 8-88095
- Mil'ner, A.P. see Katrunov, K.A. 8-76027
- Milner, B.A. see Regan, D. 8-69049
- Milner, M. see Brugger, W. 8-61269
- Milner, M. see Hershler, C. 8-92612
- Milner, M. see Naumann, S. 8-53567
- Milner, M.O. see Bates, R.H.T. 8-77492, 8-87022
- Milnes, A.G. Structural zones and continental collision, Central Alps 8-81124
- Milnes, A.G. see Flat, A. 8-80002
- Milnes, A.G. see Partin, D.L. 8-72260
- Miloh, T., Striem, H.L. Tsunamis effects at coastal sites due to offshore faulting [Israel] 8-69300
- Milone, C. see Bellini, V. 8-82399
- Milone, C. see Calvi, G. 8-86538
- Milonni, P.W., Eberly, J.H. Temporal coherence in multiphonon absorption. Far off-resonance intermediate states 8-50458
- Milonni, P.W., Paxton, A.H. Model for the unstable resonator carbon monoxide electric-discharge laser 8-58988
- Miloserdin, Yu.V. see Anufriev, B.F. 8-70591
- Milosevic, O. see Sekulic, M. 8-88368
- Milosevic, S. see Djordjevic, Z. 8-80157
- Miloshenko, V.E. see Roschupkin, A.M. 8-71784
- Miloslavskii, V.K. see Ageev, L.A. 8-82063
- Milovanov, A.F. see Evdokimov, V.M. 8-72201
- Milovanov, A.K., Nikolaev, V.N., Shlyapnikov, R.S., Yurevich, E.I. A spherical proportional counter for soft γ -radiation 8-61732
- Milroy, R. see Patterson, R.D. 8-85320
- Milsch, B., Windsch, W. Electron paramagnetic resonance of Mn^{2+} in guanidinium aluminum sulfate hexahydrate 8-91939
- Milshstein, A.I. see Baier, V.N. 8-86432
- Mil'shtein, R.S., Fil'kova, E.M., Kop'ev, V.I. Apparatus for shaping fields of the B5M25 betatron bremsstrahlung [radiation therapy] 8-57062
- Milstein, F., Hill, R. Theoretical properties of cubic crystals at arbitrary pressure. I. Density and bulk modulus 8-51606
- Milstein, J.B. see Williams, C.M. 8-84410
- Milstein, R.J. see Chou, C.C. 8-53703
- Miltat, J. X-ray topography and dynamics: description of two experiments performed at LURE DCI 8-67621
- Miltat, J. see Kleman, M. 8-64254
- Miltat, J. see Labrune, M. 8-64216
- Miltenburg, J.C. van see van Miltenburg, J.C.
- Milton, A.F. see Sheem, S.K. 8-87149
- Milton, D.J. see Brown, J.M. 8-86896
- Milton, J.G., Purkey, R.M., Galley, W.C. The kinetics of solvent reorientation in hydroxylated solvents from the exciting-wavelength dependence of chromophore emission spectra 8-76514
- Miltz, J., DiBenedetto, A.T., Petrie, S. The environmental stress crazing of polycarbonate 8-68832
- Miltz, J., DiBenedetto, A.T., Petrie, S. The effect of the environment on the stress crazing of polycarbonate 8-84970
- Milverson, D.R.J. see Carrington, A. 8-70822, 8-74671
- Mil'vidskii, M.G. see Publik, V.T. 8-79609
- Mil'vidskii, M.G. see Govorkov, A.V. 8-72040
- Mil'vidskii, M.G. see Verner, V.D. 8-71787
- Milyaev, P.G. see Belov, A.F. 8-52930
- Milyakov, A.P. see Korotushenko, G.V. 8-56815
- Milyukov, E.M. see Kasymova, S.S. 8-88453
- Milyus, P.-B.P. see Kazhis, R.-I.Yu. 8-51035
- Milyutin, Ye.R., Savitskaya, V.B. The frequency spectrum of phase fluctuations of a collimated laser beam propagating in a turbulent atmosphere 8-78914
- Mima, G., Inoko, F., Atagi, K. The effects of the crystal boundaries on the initiation of fatigue crack in aluminum bicrystals 8-92328
- Mima, K., Ikezi, H. Propagation of nonlinear waves on an electron-charged surface of liquid helium 8-67879
- Mima, K. see Hasegawa, A. 8-57402, 8-91109
- Mima, K. see Tajima, T. 8-58476
- Mimoto, Y. see Iida, S. 8-78455
- Mims, W.B., Peterson, G.E., Kurkjian, C.R. Pulsed EPR studies of copper in some binary oxide glasses 8-84479
- Mims, W.B. see Davis, J.L. 8-82013
- Minura, F. A differential geometric foundation for Hamiltonian continuum mechanics. II 8-77708
- Minura, F., Ikushima, A. Structure of contracted Lie algebras 8-73825
- Minura, Y. Deep-UV lithography 8-78018
- Minura, Y., Imamura, N., Kobayashi, T. Thermomagnetic writing on Gd-Fe and Gd-Fe-Y amorphous films 8-84428
- Minura, Y., Imamura, N., Kobayashi, T., Okada, A., Kushiho, Y. Magnetic properties of amorphous alloy films of Fe with Gd, Tb, Dy, Ho or Er 8-60323
- Min, B.K., Raj, R. Hold-time effects in high temperature fatigue 8-60734
- Min, B.K., Yeh, C.-T., Tang, Y.-N. Reactions of 4.5- and 6.0-eV photochemically produced tritium atoms with fluorocarbon 8-85146
- Min Hyun Jae see Jae Min Hyun
- Min-Fu Tsan see D'Antonio, N.L. 8-65117
- Min-Shyong Lin Amorphous layer formation in GaAs by ion implantation 8-95063
- Mina, R.T. see Agababian, K.Sh. 8-71421
- Minaev, A.N. see Vol'ter, V.G. 8-71119
- Minaev, B.F., Serebrennikov, Yu.A. The mechanism of spin-lattice relaxation in the phosphorescent triplet state 8-68542
- Minaev, G.A. Quasisteady axisymmetric jet issuing into a fluidized bed 8-83470
- Minaev, V.S. see Altunyan, B.A. 8-71679
- Minaeva, K.A. see Strukov, B.A. 8-95559, 8-95574
- Minatra, A. see Baldassarre, L. 8-52000
- Minagawa, S., Nemat-Nasser, S. On harmonic waves in layered composites 8-63223
- Minagawa, S. see Saitoh, T. 8-51855
- Minagawa, T. X-ray diffraction study of the structural change from 2H to 4H in CdI₂ crystals 8-75614
- Minachev, E.V. see Bugaenko, V.L. 8-70999
- Minachev, E.V. see Gordeev, V.A. 8-52416
- Minachev, V.E., Odnokov, V.V., Savin, V.V. Vacuum sluice-gate loading devices [thin film deposition applications] 8-69576
- Minachev, V.E. see Barabanov, B.N. 8-51367
- Minakata, H. Pomeron slope vs. Reggeon slope in dual multiperipheral model 8-62379
- Minakata, H. Multi-jet structure of hadronic final states and trajectory slope 8-93643
- Minakata, M., Saito, S., Shibata, M., Miyazawa, S. Precise determination of refractive-index changes in Ti-diffused LiNbO₃ optical waveguides 8-94442
- Minakata, M., Yamada, T., Uehara, S. Optical intensity modulator using a pair of optical gate couplers and conventional phase shifters 8-66952
- Minakata, M. see Kubota, K. 8-50926
- Minakata, M. see Noda, J. 8-74973
- Minakawa, N. see Hiramatsu, S. 8-90946
- Minakov, A.A. see Blokh, P.V. 8-81905
- Minakov, A.G., Minakov, V.A., Pavlova, V.N., Medyanukaya, A.A. Synthesis of white chlorine-containing slag glass-ceramic with a nonsulfide catalyst 8-52742
- Minakov, V.A. see Minakov, A.G. 8-52742
- Minakov, V.I., Fedorov, V.N. Distribution of Neel segments in a Bloch wall of a finite size 8-56342
- Minakov, V.I., Fedosov, V.N. Excitation of spin waves in a ferromagnet with moving domain wall 8-88103
- Minakuchi, T. see Toyota, E. 8-54905
- Minami, K. Skin effect of microwaves and transverse pseudowaves in plasmas 8-59609
- Minami, M. Towards a satisfactory invariant measure of dual-resonance amplitudes 8-66093
- Minami, M. Dual amplitudes with two off-shell lines 8-66094
- Minami, M. Functional evaluation of the dual partition functions. How do we 'hear the shape of a drum' in dual models? 8-74231
- Minami, S. Note on phenomenological analysis of K⁺p scattering and exotic resonances 8-62456
- Minami, S. see Asaeda, T. 8-50723
- Minami, T., Tohge, N., Washio, J., Tanaka, M. Crystallization kinetics of Si-Al-Te glasses under the influence of water vapour 8-59762
- Minamino, Y. see Yamane, T. 8-51751, 8-56699
- Minamisono, T. see Sugimoto, K. 8-50126
- Minamisono, T. see Tanaka, K. 8-50966
- Minamitani, H., Hagita, N., Suzuki, T. A neural network model of pain mechanisms 8-85307
- Minard, M.N. see Ballam, J. 8-82247
- Minarovitch, M. see Baril, J. 8-54366
- Minata, H., Nakamura, H. Consideration about equivalent alternating stress obtained from two-level multiple-step wave [on the basis of consideration for fatigue at elevated temperatures] 8-92333
- Minata, H., Nakamura, H. Estimation of equivalent alternating stress from two-level multiple-step wave or multiple-level multiple-step wave 8-92334
- Minato, A. see Sako, K. 8-62654
- Minato, H., Nanjo, M., Kakui, Y. Spectral reflectometry of small surface elements 8-55527
- Minato, H. see Kakui, Y. 8-92994
- Minato, I. see Miyake, M. 8-85734
- Minato, S., Haryashi, K., Ikebe, Y. Numerical evaluation of terrestrial beta radiation field in natural environment 8-81161
- Minato, T. see Fujimoto, H. 8-85142
- Mine, H. An upper bound for the multidimensional inner product 8-76507
- Mine, S. see Brzostowska, M. 8-85169
- Minchev, G.M. see Kirov, K.I. 8-95693
- Minchev, P.M., Kainin, T.K., Khristov, Kh.D., Balinov, S.S., Nikolova, B.T. Optimizing the active elements of MHD liquid metal induction pumps with transverse magnetic flux 8-94546
- Mine, K. see Sashina, M. 8-85368
- Mineev, V.N. see Kleshchevnikov, O.A. 8-64644
- Mineev, Yu.V. see Vakulov, P.V. 8-69624
- Minchard, R.C. see Cole, R.H. 8-50215
- Minerjann, Y., Tonge, T., Fujiwara, H. High-sensitivity optical power meter for fiber-optic applications 8-93746
- Minelli, G. see Cimino, A. 8-51806
- Minello, S. see Sabatini, F. 8-77549
- Minemura, K., Kobayashi, K., Yanase, T., Iizuka, P., Shikada, M., Ueki, A., Sugimoto, S. Two-way transmission experiments over a single optical fibre at the same wavelength using microoptics. 3 dB coupler 8-55450
- Minemura, V.P. see Demichianov, R.A. 8-75474
- Mines, J.R. see McKerrill, A. 8-78271
- Minetani, A.A. see Lazenby, G.-L.B. 8-74119
- Minetti, B. see Mezzetti, E. 8-58275
- Minseyev, A.O. see Sharonov, Yu.A. 8-76997
- Ming Ge see Ge Ming
- Ming Hing Tai see Jobson, D.J. 8-85881
- Ming Leung Chan see Chun Ming Leung
- Ming Li-sheng see Li-sheng Ming
- Ming-Biao Liu, Gruen, D.M., Kraus, A.R., Park, A.H., Jr., Peterson, S.W. Ion sputtering of titanium and zirconium by a DC-glow discharge method 8-90672
- Ming-Chan Wu see Wu Ming-Chan
- Ming-Cheng Tsai see Albuquerque, E.X. 8-64975
- Ming-Cheng Chiang see Chiang Ming-Chen
- Ming-chung Wang see Wang Ming-chung
- Ming-Hing Tai see Shiue, N.J. 8-94375
- Ming-Jong Tsai, Bube, R.H. Electrical properties of n-type epitaxial indium phosphide films 8-72222
- Ming-Sheng Chu, Miller, R.L. Wall stabilization of asymptotic modes in noncircular Tokamak 8-67394
- Ming-Sheng Chu see Cheng Chu 8-83658
- Ming-Zhong Wang see Wang Ming-Zhong
- Mingaleeva, G.S. see Karavay, E.K. 8-79356
- Mingaliev, M.G., Pantiuk, S.A., Trusakov, S.A., Karakoyan, P.M., Maslunyan, V.H. Spectra of some variable radio sources according to observations by means of the RATAN-600 radio telescope 8-61927
- Mingelgrin, U. see Gortler, R.B. 8-62885
- Mingelgrin, U. see Zarnitsky, N.C. 8-62886
- Mingst, B., Olander, D.R. In-pile hydrogenation of mixed-oxide fuel 8-86576
- Mingteh Chang, Boyer, D.G. Fitting wall temperature by a periodic regression model 8-78544
- Minguzzi, P. see Benedetti, R. 8-59056
- Minguzzi, P. see Lazzari, F. 8-69069
- Minh Canh Tran see Canh Tran Minh
- Minh Duc Tran see Tran Minh Duc
- Minhan, B.S. see Ramondram, M. 8-72789
- Minichelli, D., Longo, V. X-ray characterization of Sr₂ZrO₄ hydrate 8-83796
- Minier, C. see Corrad, P. 8-87703
- Minier, C. see Minier, M. 8-84220
- Minier, M., Andream, R., Minier, C. Quadrupolar nuclear resonance in electron-irradiated aluminum: electric field gradients around vacancies and interstitials 8-96226
- Minifie, F.D. see Wamser, K.L. 8-77164
- Minima, N.Ya. see Brandt, N.B. 8-49909
- Minina, L.S., Petrovskiy, M.A., Poruyagin, Yu.I. Circulation systems in the northern hemisphere at heights of 80-100 km 8-81491
- Minina, N.Ya. see Brandt, N.B. 8-57973, 8-75996, 8-75997, 8-87943
- Minin, Yu.M., Popov, V.I., Lofacker, A.N. Crystallization conditions in the system Po-Si-R₂H₂O (R is a solvent) 8-90466
- Ministr, Z., Morija, I., Martic, J. Some correlations between specific surface area and technological properties of powdered nickel 8-64503
- Minke, B., Hochstein, S., Hillman, P. The kinetics of visual pigment synthesis. II Application to measurements on a bioable pigment system 8-90624
- Minke, R. see Hochstein, S. 8-92623
- Miniewicz, V.J. see Chapman, B.N. 8-72906
- Minin, V.M. see Frolov, V.A. 8-95915

- Minkoff, J., Laviola, M., Tsunoda, R., Presnell, R. Results of an experiment to detect field-normal plasma-line scattering in the auroral ionosphere 8-73580
- Minkoff, L. see Damadian, R. 8-85354
- Minkov, I.M. Synthesis of an inhomogeneous layer with given spectral characteristics 8-52588
- Minkov, I.M. see Baranov, V.K. 8-90521
- Minkov, I.M., Veremei, V.V., Gorbunova, T.A. Oblique incidence of light on a layer with an exponentially varying refractive index 8-55296
- Minkowski, P. Comment on an incorrect interdependence of the PCAC-quark masses, the potential CP-violating phase in QCD and the mass of the alleged axion 8-66080
- Minkowski, P. $SU(3) \times SU(3)$, as gauge groups of weak and associated charges 8-74175
- Minlos, R.A., Pogosyan, S.K. Estimates of Ursell functions, group functions, and their derivatives 8-70049
- Minn, S. see Seiller, J.M. 8-91770
- Minneboo, J.Th. see Berkhout, P.J. 8-84570
- Minnucci, J.A. see Lau, S.S. 8-84079
- Minogin, V.G. see Letokhov, V.S. 8-50508, 8-86826, 8-90010
- Minogin, V.G. see Stenholm, S. 8-50529
- Minomura, S. see Asami, K. 8-92064
- Minomura, S. see Shimomura, O. 8-87647
- Minoo, H. see Deutsch, C. 8-65869
- Minor, D.B., Roth, R.S., Brower, W.S., McDaniel, C.L. Alkali ion exchange reactions with $RbAlSiO_4$: a new metastable polymorph of $KAlSiO_4$ 8-79585
- Minor, M.M. see Gladney, E.S. 8-61087
- Minorikawa, Y. Scaling law for inclusive production of hadrons in particle-particle collisions at high energies 8-54656
- Minorikawa, Y. Scaling parameters in inclusive reactions $p+p \rightarrow c+X$ at ISR energies and the charge ratio of cosmic-ray muons 8-58212
- Minorikawa, Y. see Higashi, S. 8-55081
- Minota, T. Effect of thermal radiation on the shock wave in the gas-particle mixtures 8-91032
- Minott, D.A., Parris, A.J. Inductive oscillometry. I. A field difference theory 8-51342
- Minott, D.A., Parris, A.J. Inductive oscillometry. II. The six-solenoid oscilometer. Non-intrusive, low-frequency diagnostics of a positive-glow plasma 8-51343
- Minowa, J., Morikawa, T., Abe, H. Stability for surface acoustic wave filters with narrow pass-band 8-90603
- Minowa, J., Tanaka, K. Surface acoustic wave filters with narrow pass band 8-90602
- Minowa, M. see Toshioka, K. 8-93885
- Minowada, J. see Shirashi, Y. 8-80921
- Minshall, P.C., Sheldrick, G.M. α -tetraphosphorus tetrasulphide 8-51486
- Minster, J.F. see Allegre, C.J. 8-65214
- Minster, J.F. see Manhes, G. 8-65560
- Minter, F.J. see Bertram, K.L. 8-79642
- Mints, R.G. Stability of critical state in second-order superconductors 8-56266
- Mints, R.I. see Alimov, V.I. 8-76807
- Mintz, D. see Armstrong, R.L. 8-51673
- Mintz, J.M., Clemmer, R.G., Maroni, V.A. Tritium handling trade studies and design options for the GA/ANL TNS 8-62616
- Mintz, J.M. see Clemmer, R.G. 8-66413
- Mintz, M.H., Gavra, Z., Hadari, Z. Kinetic study of the reaction between hydrogen and magnesium, catalyzed by addition of indium 8-76851
- Mintzer, D. see Hadden, W.J., Jr. 8-63212
- Mintzer, S., Pascual, R., Volpi, R.M. Acoustic emission and grain size in plastic deformation of metals 8-80609
- Minyailenko, N.A., Smenkovskaya, P.T. Intensification of heat exchange in bundles of rods longitudinally bathed by gas 8-79191
- Minywai, N. Helmy El see Helmy El Minywai, N.
- Mioduchowski, A., Haddow, J.B. Finite dynamic expansion of a cylindrical cavity in a hyperelastic medium 8-79213
- Mioduchowski, A. see Haddow, J.B. 8-55576
- Miosga, H. see Stallhofer, P. 8-60229
- Mioyoshi, T., Shiratori, M. The J-integral evaluation for CT specimen 8-67131
- Mir-Kasimov, R.M. see Amirkhanov, I.V. 8-49985
- Mir-Kasimov, R.M. see Atakishiyev, N.M. 8-78112
- Mira, E. see Buizza, A. 8-81036
- Mirabel, P., Clavelin, J.L. Experimental study of nucleation in binary mixtures: the nitric acid-water and sulfuric acid-water systems 8-71846
- Mirabel, P., Clavelin, J.L. On the limiting behaviour of binary homogeneous nucleation theory 8-92517
- Mirabel, P. see Clavelin, J.L. 8-81343
- Mirabile, M. see de Micheli, C. 8-84981
- Mirakhmedov, Sh. see Abdurakhmanov, K.P. 8-72252
- Miralles, J. see Stewart, R.H. 8-77337
- Miranda, L.C.M. see Almeida, N.S. 8-84554
- Miranda, L.C.M. see Brandi, H.S. 8-74767, 8-86937
- Miranda, L.C.M. see de Melo, L.C. 8-82628
- Miranda, L.C.M. see Ghizoni, C.C. 8-68027
- Miranda, L.C.M. see Luzzi, R. 8-72513
- Miranda, L.C.M. see Skeff Neto, K. 8-84456
- Miransky, V.A. see Fomin, P.I. 8-89643
- Miransky, V.A. see Gusynin, V.P. 8-70327
- Mirell, S.G. see Hecht, H.S. 8-61246
- Mirer, S.A. see Sarychev, V.A. 8-96379
- Mirianashvili, D.G. see Abdivaliev, A. 8-58290
- Miribel, J., Benezech, G., Cerf, J., Guirlet, J. Determination of contamination in the air of reactor containment: sampling and measuring techniques 8-89997
- Miric, I. see Djukic, Z. 8-57082
- Mirin, A.A. see Cohen, R.H. 8-79455
- Mirin, A.A. see Cordey, J.G. 8-78491
- Mirin, A.A. see Logan, B.G. 8-74466
- Mirjana Djuric, Novakovic, M., Anastasijevic, P. Shape factor determination for non-Lambert surfaces 8-94568
- Mirkova, L., Nanev, C., Rashkov, S. An application of interferometry in the study of levelling factors in acid bright copper plating baths 8-79864
- Mirman, R. see Schindler, S. 8-86172, 8-86173
- Mironov, S.V. see Busharov, N.P. 8-79649
- Miro, N.D. see Ehrenfreund, E. 8-80233
- Mirold, P. see Binder, K. 8-71863
- Miron, C. see Garlea, I. 8-70537, 8-90033
- Miron, N.F. see Alekseeva, O.K. 8-76555
- Mironchik, V.S., Panov, Yu.A., Ens, E.Ya. Ten-channel differential discriminator 8-78593
- Mironenko, I.M., Farberov, A.M. Use of powdered polymer coatings in the fabrication of the guide elements of motion-picture cameras 8-78021
- Mironenko, L.S. see Shalimova, K.V. 8-76543
- Mironov, A.A. see Banichuk, N.V. 8-63295
- Mironov, B.M. see Aksyonova, E.S. 8-90655
- Mironov, B.P., Lugovskoi, P.P., Yarygina, N.Y., Vasechkin, V.N., Tararin, V.N. Turbulent heat and mass transfer in abruptly changed wall boundary conditions 8-94545
- Mironov, B.P., Vasechkin, V.N., Yarygina, N.I. Effect of an upstream adiabatic zone on heat transfer in a subsonic and supersonic downstream boundary layer at different flow histories 8-83379
- Mironov, M.A. Influence of microstreaming on the growth of gas bubbles due to rectified diffusion 8-51232
- Mironov, S.P. see Shitikov, Yu.L. 8-78030
- Mironov, V.A. see Brodskii, Yu.Ya. 8-59604
- Mironov, V.A. see Litvak, A.G. 8-75332
- Mironov, V.L. see Lukin, I.P. 8-53727
- Mironov, V.N. see Ibraimov, V.Yu. 8-86697
- Mironov, V.S. see Krasovskii, L.F. 8-60897
- Mironov, Yu.L. see Kozlov, V.M. 8-91000
- Mironov, Yu.V. see Kogan, L.I. 8-53750
- Mironova, L.V. see Gershinskii, A.E. 8-52080
- Mironova, V.I. see Zverev, S.M. 8-85496
- Mironov, J.I. see Kusminski, A.S. 8-92231
- Miropol'skii, Yu.Z. Similarity solutions of the Cauchy problem for the internal waves in the infinite domain 8-96221
- Miropol'skii, Z.L., Khasanov, L.R. Relationship between the local and total heat transfer coefficients and friction factors for condensation inside channels 8-51045
- Miropol'skii, Z.L., Shneerova, R.I., Treputnev, V.V. The influence of steam flowing and condensing in a duct on heat transfer to liquid film 8-94709
- Miroshkin, S.I. see Barabanov, B.N. 8-51367
- Miroshnichenko, I.I., Nikiforov, V.I., Sanin, V.M., Sorokin, P.V., Shalatskii, S.V. Position of the pole in $M^{3/2}_{1+}$ amplitude of reaction $\gamma p \rightarrow N\pi$ 8-86453
- Miroshnichenko, I.I. see Kolesnikov, L.Ya. 8-54636
- Miroshnichenko, L.S. see But, Z.P. 8-68608
- Miroshnik, G.A. see Oseledchik, Y.S. 8-74876
- Miroshnikov, M.M. see Batalov, Yu.V. 8-55312
- Miroshnikov, V.N. see Fedorchenko, I.M. 8-60845
- Miroshnikov, V.N. see Konchakovskii, V.A. 8-60878
- Mirotvorskii, V.S., Ol'Shevskii, A.A. Interaction between thoriated tungsten and powdered matrices with nickel base 8-95755
- Mirovskaya, E.A. see Kravtsov, Yu.A. 8-81188
- Mirovskii, V.G. see Bordonskii, G.S. 8-69353
- Mirovskii, V.G. see Etkin, V.S. 8-61425
- Mirowska, N. see Pawlikowski, J.M. 8-80380, 8-91721
- Mirri, A.M., Cervellati, R., Cazzoli, G. Anharmonic force field of ONCI and ONBr by combination of infrared and microwave data 8-82809
- Mirsaei, I.F., Nikolaev, V.V., Taluts, G.G. Theory of nonlinear phenomena in magnetoelectric media. II. Influence of static magnetisation on the generation of second acoustic harmonics 8-56362
- Mirsaei, I.F., Taluts, G.G. Influence of crystal misalignment on the generation of second acoustic harmonics 8-75009
- Mirsagatov, Sh.A., Duisenbaev, M., Rasulov, D.T. Photoelectric and electric properties of nSiC-nCdS heterojunctions 8-80042
- Mirsalikhova, F.Kh. see Batusov, Yu.A. 8-54745, 8-89855
- Mirsalimov, R.M. see Aliev, T.M. 8-65915
- Mirsalimov, V.M. Study of maximum stress field alongside cracks emerging from contours of openings in a perforated plate 8-51129
- Mirsalimov, V.M. The thermoelastic-plastic problem for the plane, weakened by two-fold periodical system of round holes 8-55571
- Mirstkii, A.L., Skakov, Yu.A., Sorokina, N.A., Shlyamnev, A.P. Effect of cobalt and molybdenum on hardening of Cr-Ni stainless steels 8-84835
- Mirskiy, V.N., Stulov, V.P. Radiant heat and evaporative cooling in hypersonic gas flows 8-91028
- Mirtich, M.J., Sovey, J.S. Optical and electrical properties of ion-beam-textured Kapton and Teflon 8-72904
- Mirtich, M.J. see Sovey, J.S. 8-54921
- Mirtskhulava, N.I. see Asnin, V.M. 8-87993
- Mirvis, D.M. see Ideker, R.E. 8-92615
- Mirvis, V.M. see Ol'shovich, A. 8-92940
- Mirwald, P.W., Kennedy, G.C. The phase relations of calcium fluoride (fluorite) to 60 kbars and 1800°C 8-84785
- Mirza, K.A., Townsend, P.D. Light emission from the surface of $LiNbO_3$ 8-64416
- Mirza, M.Y., Duley, W.W. Two-photon spectroscopy of thallium 8-55153
- Mirza, M.Y., Duley, W.W. Energy levels for highly excited 2F states in Cs 8-78085
- Mirzababayev, R.M. see McGrath, R.D. 8-76367
- Mirzababayev, R.M. see Sultanov, G.J. 8-64329
- Mirzababev, M., Rasulov, K., Iskanderov, A., Kadirova, R. Study of photoelectric characteristics of silicon epitaxial P-I-N photoconverters in a wide illumination range 8-89536
- Mirzabekyan, E.G. see Aleksanyan, A.G. 8-72056
- Mirzabekyan, E.G. see Arakelyan, V.S. 8-63843
- Mirzaev, Ag.T. see Deryugin, I.A. 8-59145
- Mirzoev, K.G. see Gorskov, B.M. 8-82543
- Misaki, A. see Konishi, E. 8-49993
- Misakian, M., Kotter, F.R. Miniature electric field probe developed 8-77930
- Misakian, M., Kotter, F.R., Kahler, R.L. Miniature ELF electric field probe 8-70160
- Misakov, P.Y. see Burakov, V.S. 8-73124
- Misawa, H. Effect of crack propagation behaviour under stress amplitude below fatigue limit on fatigue life 8-92331
- Misawa, K., Takeuchi, I. Correlations among $O_2(0-1)$ atmospheric band, $OH(8-3)$ band and $[O I] 5577 \text{ \AA}$ line and among $P_1(3)$, $P_1(3)$ and $P_1(4)$ lines of $OH(8-3)$ band 8-61639
- Misawa, M., Suzuki, K. Ring-chain transition in liquid selenium by a disordered chain model 8-59943
- Misawa, S., Sakai, E., Takada, S. On dynamics of coupled linear chains 8-89403
- Misawa, T. The corrosion fatigue and stress corrosion cracking of α -brass in ammoniacal solutions 8-64757
- Mischgofsky, F.H. Observations of step bunching for the layer perovskite $(C_2H_5NH_3)_2MnCl_4$ using a compound holographic interference and conventional microscope 8-63682
- Mischgofsky, F.H. Face stability and growth rate variations of the layer perovskite $(C_2H_5NH_3)_2CuCl_4$ 8-87634
- Mischgofsky, F.H., Delhez, R. Optical and X-ray characterization of the layer type perovskites $(C_2H_5NH_3)_{2n+1}(NH_3)_{n-1}CuCl_4$ in relation to their growth 8-87633
- Mischke, R.A. see Hanley, T.R. 8-63508
- Mischler, G. see Johnstone, I.W. 8-56474
- Mise, B. Lagrange's interpolation formula program for the SR-56 8-77699
- Misek, K. The size effect correction of DC resistance in metal wires 8-91679
- Miseki, K. see Takahashi, N. 8-66449
- Misguich, J.H., Balescu, R. Perturbed orbit theories for plasma turbulence: approximations and elementary effects 8-71484
- Misguich, J.H., Balescu, R. 'Clumps' as enhanced correlations and turbulent Debye screening 8-91110
- Mishchenko, A.V. see Goffman, V.G. 8-71856
- Mishchenko, A.V. see Rashkovich, L.H. 8-71693
- Mishchenko, E.D., Makarov, V.A., Shshat-skaya, L.P., Ivanova, T.G. Secondary radiation standard in ultraviolet region of spectrum 8-77998
- Mishchenko, L.G. see Basina, Yu.V. 8-93063
- Mishchenko, M.P., Shiryayev, A.V. The results of studying astronomical observations with photoelectric transit instrument 8-73613
- Mishchenko, S.S. see Lappo, D.D. 8-67205

- Mishchenko, T.V.**, Senashenko, V.S., Strakhova, S.I. Angular distribution of electrons emitted in electron-impact ionization of helium atoms 8-55241
- Mishchuck, I.T.** see Kobzar, V.M. 8-85531
- Mishev, I.T.** see Gelev, M.G. 8-82489
- Mishima, M.**, Uryu, N. Low temperature magnetic properties of trimeric clusters 8-76261
- Mishima, N.** On time evolution for large quantum systems in superspace 8-62172
- Mishima, O.**, Endo, S. Melting curve of ice VII 8-67812
- Mishima, Y.** see Hayashi, K. 8-55897
- Mishin, A.M.** Fluctuations in the phase difference and of its derivative where radio waves propagate through a turbulent atmosphere 8-92951
- Mishin, E.V.** see Volokitin, A.S. 8-93069
- Mishin, K.Ya.** see Moiseenko, L.L. 8-60263
- Mishin, V.A.**, Samokhin, Yu.D. Reference-signal shaper for low-frequency module of spectrometer 8-57924
- Mishin, V.I.** see Bekov, G.I. 8-94216
- Mishin, V.V.** see Kovner, M.S. 8-73584
- Mishina, A.A.** see Kozlova, M.N. 8-60651
- Mishne, I.I.** see Zhukov, M.F. 8-71555, 8-71597
- Mishnev, O.G.** The existence of an ϵ -limit, in the non-equilibrium statistical operator method 8-49781
- Mishnev, O.G.** Time evolution of the coarsened classical distribution function 8-49782
- Mishnev, S.I.** see Budker, G.I. 8-62667
- Misho, R.H.**, Dube, K.S. Phonon conductivity of II-IV group semiconductors 8-79826
- Mishra, B.** see Roy, C.L. 8-53770
- Mishra, D.K.** see Gupta, G.R. 8-85626
- Mishra, J.N.** Influence of rear body eccentricity on supersonic base pressure 8-51187
- Mishra, K.C.**, Mohanty, B.S. Study of Machida-Overend parameters for general quartic force field for cyanogen halides 8-50532
- Mishra, K.C.**, Mohanty, B.S. Rotational dependence of Fermi resonance in HCN and ClCN 8-94227
- Mishra, K.C.** see Rao, K.R.P. 8-62739
- Mishra, P.** see Choudhary, N. 8-94815
- Mishra, P.K.** see Kor, S.K. 8-63813
- Mishra, P.P.** see Kudchadker, A.P. 8-75703
- Mishra, R.K.**, Thomas, G. Electron microscopy of some rare earth-cobalt alloy magnets 8-67722
- Mishra, R.K.**, Thomas, G. Microstructure and microsegregation in substrate garnet materials 8-67919
- Mishra, R.K.**, Van der Biest, O.O., Thomas, G. Material loss and high temperature phase transition in lithium ferrite 8-64534
- Mishra, R.L.**, Pandey, J.D. Excess Gruneisen parameter and intermolecular interaction in binary liquid mixtures 8-67635
- Mishra, R.L.**, Pandey, J.D. Excess surface tension and theories of solutions 8-91508
- Mishra, R.L.**, Pandey, J.D. Ultrasonic velocity in relation to non-ideal behaviour of binary liquid mixtures 8-95109
- Mishra, R.S.**, Pandey, H.B. On conharmonic curvature tensor 8-54146
- Mishra, R.S.**, Quaraisi, R. Collineation and motion in relativistic thermodynamics 8-51259
- Mishra, R.S.** see Ram, G. 8-59496
- Mishra, S.**, Bray, R., Bishop, M.F. Surface studies of bulk acoustic phonons by scattering of reflected light from phonon-induced surface ripples 8-75924
- Mishra, S.K.**, Kushwaha, S.S. Noncentral forces and equilibrium of a hexagonal lattice 8-95123
- Mishra, S.P.**, Mohapatra, U. Combined free and forced convection flow of an elastic-viscous liquid past a hot porous circular cylinder 8-83386
- Mishra, S.P.**, Sahoo, D.G. Flow engendered by the time-varying motion of a porous plate in the presence of a magnetic field 8-51251
- Mishra, S.P.**, Sahoo, D.G. Magnetohydrodynamic unsteady free convection past a hot vertical plate 8-87396
- Mishra, R.L.**, Pandey, J.D. Evaluation of interaction parameters from viscosity data of liquid mixtures 8-51680
- Misiewicz, J.** see Pawlikowski, J.M. 8-80380
- Misiorek, H.**, Zakrzewski, T., Rafalowicz, J. Influence of plastic deformation on the thermal conductivity maximum of copper and aluminium in the temperature range 4.2 to 70K 8-83386
- Miska, H.** see Graf, H.-D. 8-70653
- Miska, H.** see Schull, D. 8-70680
- Miskinova, N.A.** see Landa, P.S. 8-67514
- Miskovicova, M.** see Slesar, M. 8-84832
- Misovs'kii, Yu.V.** see Kosmodamians'kii, O.S. 8-90739
- Mispleter, J.**, Momenteau, M., Lhoste, J.M. The π electron-binding in pentacoordinated ferrous porphyrins 8-78719
- Misra, A.** A physical model for the stress-induced electromagnetic effect in metals 8-55909
- Misra, A.K.**, Modi, V.J. The influence of satellite flexibility on orbital motion 8-77456
- Misra, A.K.** see Modi, V.J. 8-96381
- Misra, B.**, Maroni, V.A. Thermal hydraulic analyses of two fusion reactor first wall/blanket concepts 8-62650
- Misra, B.**, Youngdahl, C.K., Stevens, H.C., Maroni, V.A. Thermal-hydraulic and mechanical analyses for near-term fusion reactor blanket designs 8-58452
- Misra, B.** see Brooks, J. 8-70636
- Misra, B.** see Majumdar, S. 8-58453
- Misra, B.** see Stevens, H.C. 8-74482
- Misra, B.N.**, Faujdar Ground state wavefunctions and Δg of Cu^{2+} ion 8-64012
- Misra, B.N.**, Kripal, R. The effect of the crystal field on ESR parameters of V^{4+} ions 8-64263
- Misra, C.K.**, Saxena, M.C. Dielectric behaviour of 4-ethylaminobenzil in dilute solution of non-polar solvents 8-52421
- Misra, J.C.** Axisymmetric vibration of human skull-brain system 8-80901
- Misra, J.C.**, Achari, R.M. On the thermal stresses in a solid hemisphere exposed to sun's rays 8-67045
- Misra, J.C.**, Hartung, C., Mahrenholtz, O. Effect of pulse loading on brain injury 8-57029
- Misra, K.C.**, Keller, F.B. Ultramafic bodies in the Southern Appalachians: a review 8-65288
- Misra, N.K.**, Ghosh, T.B. Determination of particle size and strain by Fourier analysis of X-ray diffraction profiles 8-88588
- Misra, R.**, Chakravarty, B. Ionospheric wave propagation in an arbitrary magnetic field 8-96332
- Misra, S.B.L.** see Mehrotra, N.K. 8-84520
- Misra, S.B.L.** see Mitra, S.C. 8-88251
- Misra, S.C.** see Rao, U.S. 8-90009
- Misra, S.C.** see Sahoo, H.K. 8-70657
- Misra, S.K.**, Giquere, P., Sharp, G.R. Electron paramagnetic resonance of Cr^{3+} in guanidinium aluminium sulfate hexahydrate 8-68359
- Misra, U.D.** see Gokhale, B.G. 8-66495
- Misra, U.N.** see Singh, P. 8-59391, 8-87389, 8-90866
- Misroch, M.** see Foner, S. 8-68289
- Misroch, M.** see Oesterreicher, H. 8-56347, 8-56354, 8-68208, 8-88146, 8-91896
- Missana, M.** The generalized Compton effect in the spectrum of Canopus 8-53938
- Missel, F.P.** see Gorodetsky, G. 8-76254
- Missell, F.P.** see Guertin, R.P. 8-56315
- Missell, F.P.** see Martins, J.M.V. 8-84133
- Missimer, J.** see Desplanches, B. 8-66218
- Mistry, J.** see Barrow, H. 8-94720
- Misu, A.** High magnetic field spin-lattice relaxation rates in the ground quartet state of a Cr^{3+} ion in ruby 8-52340
- Miszent, G.S.** Problems of power metallurgy in porous barrier fabrication 8-88439
- Mita, D.G.** see Gaeta, F.S. 8-76916
- Mita, T.** see Nagasawa, N. 8-84566
- Mitachi, S.** see Takahashi, S. 8-55445
- Mitake, S.** see Aochi, T. 8-66330
- Mital, H.P.**, Narain, U. On the green-to-red line intensity ratio in the solar corona 8-73697
- Mital, H.P.**, Narain, U. Autoionization rate coefficients for some ions of astrophysical interest 8-74619
- Mitani, H.**, Nagai, H., Fukuhara, M. On the sintering of the TiN-Ni binary powder compacts 8-72750
- Mitani, H.** see Fukuhara, M. 8-72757
- Mitani, H.** see Hanatate, Y. 8-84728
- Mitani, H.** see Nagai, H. 8-85039
- Mitani, K.** see Nakamura, S. 8-55765
- Mitani, T.**, Nakaya, T. Electro-optical diagnosis of a TE N_2 laser 8-90412
- Mitani, Y.**, Miyamoto, H. On the application of CTD to the fracture mechanics 8-67767
- Mitasik, C.F.** see Charles, J.J. 8-78022
- Mitchard, G.S.** see Franson, J.D. 8-76191
- Mitchel, G.**, Grek, B., Martin, F., Pepin, H., Rheault, F., Baldis, H. Hot spot detection in a focused 10.6 μm laser beam using silver halide films 8-82945
- Mitchel, G.** see Bloyet, E. 8-59674
- Mitchell, A.S.**, Williams, L.E. Heat transfer by the corona wind impinging on a flat surface 8-87234
- Mitchell, D.F.** see Graham, M.J. 8-72933
- Mitchell, D.J.**, Ninham, B.W., Pailthorpe, B.A. Solvent structure in particle interactions. I. The asymptotic regime 8-83708
- Mitchell, D.J.**, Ninham, B.W., Pailthorpe, B.A. Solvent structure in particle interactions. II. Forces at short range 8-83709
- Mitchell, D.J.** see Chan, D.Y.C. 8-71973, 8-75513, 8-83704
- Mitchell, D.J.** see Hines, D.F. 8-95196
- Mitchell, D.N.**, Le Roy, D.J. Theoretical and experimental behaviour of a thermal conductivity detector for the determination of the ortho/para hydrogen composition of gas mixtures in the temperature-jump region 8-86263
- Mitchell, E.W.J.** see Gupta, S. 8-51598
- Mitchell, G.** see Jameson, D.M. 8-54423
- Mitchell, G.E.** see Lane, A.M. 8-78381
- Mitchell, G.E.** see Westerfeldt, C.R. 8-78377
- Mitchell, G.R.** The reciprocal lattice—a demonstration 8-61989
- Mitchell, H.G., Jr.**, Kan, J.R. Merging of magnetic fields with field-aligned plasma flow components 8-79417
- Mitchell, I.** Marxism and German scientific materialism 8-86111
- Mitchell, J.** see Tauber, A. 8-64469
- Mitchell, J.B.A.**, McGowan, J.W. The dissociative recombination of $\text{CH}^+ \text{X}^{\Sigma^+} (\nu=0)$ 8-56884
- Mitchell, J.T.D.** see Hollis, A.A. 8-58472
- Mitchell, J.W.** The stable latent image 8-62252
- Mitchell, K.A.R.**, Van Hove, M.A. Investigations of some models of the (2×1) surface structure of Si (100) with quasidynamical calculations of LEED intensities 8-71921
- Mitchell, K.A.R.** see Frost, D.C. 8-87853
- Mitchell, K.A.R.** see Head, J.D. 8-70995
- Mitchell, K.A.R.** see Needleman, L. 8-94281
- Mitchell, K.A.R.** see Streater, R.W. 8-56028
- Mitchell, K.B.**, Godwin, R.P. Energy-transport experiments in 10- μm laser-produced plasmas 8-75269
- Mitchell, K.B.**, vanHulsteyn, D., Lee, P. X-ray spectroscopy of plasmas from gas micro-spheres irradiated with 10 μm laser light 8-51364
- Mitchell, K.J.** see Usher, P.D. 8-93446
- Mitchell, K.W.** Dual charge sensitive preamp for nucleonics 8-55110
- Mitchell, R.C.** Luminescence in crystals of zinc sulpho-selenide 8-60519
- Mitchell, R.H.** Manganoan magnesite ilmenite and titanite clinohumite from the Jacupiranga carbonate, Sao Paulo, Brazil 8-85552
- Mitchell, R.R.**, Denes, L.J., Kline, L.E. Electrode surface field and preionization effects on the spatial distribution of arcs in CO_2 laser discharges 8-63054
- Mitchell, R.S.** see Coakley, R.W. 8-53206
- Mitchell, S.K.**, Hampton, L.D. Signal speed in long-range propagation 8-50984
- Mitchell, T.E.** see Hobbs, L.W. 8-83701
- Mitchell, T.P.** Vector constants of the motion in spherically symmetric fields of force 8-85833
- Mitchell, W.E., Jr.** see Jebens, D.E. 8-77535
- Mitchener, J.L.**, Varnado, S.G. An economic model of a relativistic electron beam hybrid reactor 8-58412
- Mitchiner, J.L.**, Varnado, S.G. Parametric analysis of a relativistic electron beam fusion reactor 8-50340
- Mitchum, R.K.** see Reynolds, W.D. 8-53586
- Miteff, L.** see Kosaly, G. 8-94059
- Mitera, M.** see Masumoto, H. 8-59784, 8-76634
- Mitescu, C.D.**, Ottavi, H., Roussenq, J. Diffusion on percolation lattices: The labyrinthine ant 8-60098
- Mitescu, C.D.** see Ottavi, H. 8-60097
- Mithal, R.S.** see Khatri, K. 8-96161
- Mitin, A.A.** see Dukhanov, V.I. 8-77932
- Mitin, A.V.**, Tarasov, V.A. Ultrasonic spectrum in a multidomain structure 8-68056
- Mitin, A.V.**, Tarasov, V.A. Excitation of sound in polydomain magnetic structures 8-88162
- Mitin, V.V.** see Kurtenok, L.F. 8-84223
- Mitin, Yu.N.** see Zon, B.A. 8-71137
- Mit'kin, V.N.** see Gabuda, S.P. 8-87645
- Mit'ko, V.N.** see Sokolov, A.I. 8-68460
- Mitnitskii, P.L.** see Kidyarov, B.I. 8-72716
- Mito, Y.** see Kawai, M. 8-66258, 8-66259
- Mitomo, H.** see Arai, H. 8-92475
- Mitonneau, A.** see Hurtes, Ch. 8-72165
- Mitov, M.D.** see Derzhanski, A. 8-92594
- Mitra, A.K.**, Nelson, P. Second-order functionals for spectral synthesis with discontinuous trial functions 8-58317
- Mitra, A.K.** see Acharjee, D.K. 8-75185
- Mitra, A.N.**, Sood, S. Relativistic hadron couplings: a unified framework 8-50012
- Mitra, A.N.** see Joshi, G.C. 8-54640
- Mitra, A.P.** The D-region of the ionosphere 8-77392
- Mitra, D.P.**, Whiting, J.S.S. Ferromagnetic resonance in strained and strain-free single crystal nickel films 8-95525
- Mitra, N.K.** see Fiebig, M. 8-90959
- Mitra, S.** Microscopic deformation mechanisms and flow laws in quartzites within the South Mountain Anticline 8-77220
- Mitra, S.** see Ghosh, A.K. 8-51142, 8-67273
- Mitra, S.C.**, Misra, S.B.L., Mehrotra, N.K. Structural studies of some substituted benzenes using microwave absorption technique and nuclear magnetic resonance 8-88251
- Mitra, S.K.** Effective interionic potentials for liquid metals 8-91221

- Mitra, S.K.**, Sjodin, S. Dynamics of classical one-component plasmas 8-71430
- Mitra, S.K.** *see* Kuriyan, J.G. 8-88918
- Mitra, S.S.** *see* Massa, N.E. 8-75761
- Mitran, O.** *see* Frank, B. 8-56324, 8-76255
- Mitrani, L.**, Dimitrov, G. Pursuit eye movements of a disappearing moving target 8-61174
- Mitrjaev, A.A.**, Panchenko, O.A., Razgonov, I.I., Tsoi, V.S. The reflection of conduction electrons from an atomically clean surface of a tungsten crystal 8-76131
- Mitrofanov, G.I.** Double time multiplier in oscilloscope 8-86252
- Mitrofanov, A.S.** *see* Podgornii, A.N. 8-67022
- Mitrofanov, B.V.** *see* Fedorenko, V.V. 8-52746
- Mitrofanov, I.G.** On the nature of dwarf novae 8-93277
- Mitrofanov, I.G.** *see* Dolginov, A.Z. 8-96481
- Mitrofanov, I.G.** *see* Volkhanskaya, N.F. 8-93322
- Mitrofanov, K.P.**, Gor'kov, V.P., Plotnikov, M.V., Reiman, S.I. Determination of the Mossbauer effect probability using resonance detectors 8-94160
- Mitrofanov, K.P.** *see* Gagulin, V.V. 8-76397
- Mitrofanov, K.P.** *see* Galyamov, B.Sh. 8-59803
- Mitrofanov, K.P.** *see* Sedunov, V.K. 8-95830
- Mitrofanov, V.A.** *see* Kamenev, L.V. 8-89493
- Mitrofanov, V.I.** *see* Andrievskii, R.A. 8-60630
- Mitrofanov, V.N.** *see* Lashtunov, Yu.P. 8-73378
- Mitrofanova, T.I.** *see* Korneichuk, V.A. 8-52033
- Mitropol'skii, Yu.A.**, Martynuk, A.A. Some trends in investigations of the stability of periodic motion and nonlinear oscillation theory 8-86147
- Mitrovich, D.** Classical calculation of inverse bremsstrahlung for intense fields 8-51288
- Mitsa, V.M.**, Gerasimenko, V.S., Oleksyuk, I.D., Sopko, F.V., Dovgoshei, N.I., Kesler, L.G., Logina, L.A. Optical parameters of Hg-As-S modulating glasses 8-63159
- Mitsche, R.** *see* Stanzl, St. 8-60978
- Mitschka, P.** *see* Sobolik, V. 8-59431
- Mitsenko, I.D.** *see* Galun, B.V. 8-79025
- Mitskevich, M.K.** *see* Bushik, A.I. 8-71602
- Mitsubashi, H.** *see* Igasaki, Y. 8-79908
- Mitsubashi, S.** *see* Nozue, Y. 8-60733
- Mitsubashi, S.** *see* Udoguchi, T. 8-64615
- Mitsubashi, Y.**, Shimada, J. Holography today and tomorrow 8-78957
- Mitsui, K.** *see* Higashi, S. 8-55081
- Mitsui, K.** *see* Inaba, A. 8-83919
- Mitsui, K.** *see* Shiratori, T. 8-73994
- Mitsui, S.** *see* Hashimoto, T. 8-66917
- Mitsui, T.**, Ito, K., Hirotsu, S., Hamano, K., Sawada, S. Change of second harmonic generation in phase transitions of some crystals with radicals 8-76398
- Mitsui, T.** *see* Inoko, Y. 8-64948
- Mitsui, T.** *see* Wakabayashi, K. 8-51395
- Mitsui, Y.** An approximate analysis of linear viscoelastic bodies by using Legendre polynomials 8-83266
- Mitsuishi, N.** *see* Yamanaka, A. 8-87340
- Mitsuishi, T.** *see* Miyao, M. 8-67726
- Mitsuk, V.E.** *see* Evseyenko, V.P. 8-75399
- Mitsuk, V.E.** *see* Goodilin, I.A. 8-75398
- Mitsukuchi, T.** *see* Suzuki, K. 8-92931
- Mitsushima, Y.**, Kinoshita, T., Morita, K., Itoh, N. Luminescence emitted from densely excited regions in tracks of heavy charged particles in CdS 8-88365
- Mitsushima, Y.** *see* Morita, K. 8-82831
- Mittal, A.K.** Note on weighted mean square linearization method in non-linear oscillation problems 8-83303
- Mittal, A.K.** Stability of forced periodic response in third order non-linear systems 8-90763
- Mittal, M.L.**, Bhat, A.N. Heat exchange in an MHD channel with allowance for the ion slip-page 8-75431
- Mittal, M.L.** *see* Nageswara Rao, B. 8-94904
- Mittal, R.C.**, Si, S.K., Gupta, K.P. Si-stabilised C14 Laves phase in the transition metal systems 8-84777
- Mittelbach, P.** Calculation of flow in a ring slit nozzle with post-expansion and heat input 8-90960
- Mittelbrunn, J.R.** *see* Leon, J. 8-77760
- Mittmeijer, E.J.**, Delhez, R. Concentration variations within small crystallites studied by X-ray diffraction line profile analysis 8-75491
- Mittmeijer, E.J.** *see* Beers, A.M. 8-51856, 8-71890, 8-84110
- Mittmeijer, E.J.** *see* Delhez, R. 8-80491, 8-86399
- Mitter, P.K.** *see* Daniel, M. 8-74153
- Mittig, W.** *see* Laméhi-Rachti, M. 8-54649
- Mittleman, S.** *see* Glicksman, M. 8-92078
- Mittleman, S.D.** *see* Morency, D.G. 8-79871
- Mittler, A.** *see* Karatzas, P.T. 8-62529
- Mitra, I.S.** *see* Aggarwal, M.M. 8-58173
- Mitra, R.**, Tew, M. On Albertsen's corner diffraction coefficient 8-62978
- Mitra, R.** *see* Safavi-Naini, S. 8-62977
- Mitwally, E.M.** The suddenly accelerated plane wall in a non-Newtonian power-law fluid 8-90935
- Mityagin, A.Yu.** Electronic surface structure of III-V compounds and alkali metal atom adsorption processes 8-68068
- Mityagin, A.Yu.** *see* Kotelyanskii, I.M. 8-95220
- Mityagin, Yu.A.**, Plotnichenko, V.G., Vodop'yanov, L.K., Budennaya, L.D. Long-wavelength optical phonons in CdTe_{1-x}S_x solid solutions 8-67788
- Mityagin, Yu.A.** *see* Plotnichenko, V.G. 8-60451
- Mityakov, N.A.** *see* Grach, S.M. 8-77419
- Mityugov, V.V.** *see* Krest'yaninov, A.S. 8-74046
- Mitz, A.R.** *see* Tolmach, A.P. 8-92756
- Miura, A.**, Sato, T. Theory of vortex nutation and amplitude oscillation in an inviscid shear instability 8-51171
- Miura, A.**, Sato, T. Shear instability: auroral arc deformation and anomalous momentum transport 8-77433
- Miura, A.** *see* Sakamoto, Y. 8-51739
- Miura, A.** *see* Yamato, H. 8-54972
- Miura, H.** *see* Sekoguchi, K. 8-83462
- Miura, I.** *see* Asakoa, K. 8-52948
- Miura, I.** *see* Okuno, O. 8-80634
- Miura, I.** *see* Tanaka, M. 8-93930
- Miura, I.** *see* Yamagata, T. 8-66190
- Miura, K.** *see* Fukui, H. 8-78616
- Miura, K.** *see* Imazu, S. 8-67522, 8-83634
- Miura, M.**, Murata, H., Shiro, Y. Lattice dynamics of wurtzite-type crystals. II 8-75740
- Miura, N.** *see* Chikazumi, S. 8-52303, 8-93739
- Miura, N.** *see* Kido, G. 8-87039
- Miura, R.M.** *see* Tuckwell, H.C. 8-80857
- Miura, S.** Multi-pen recorders: excellent versatility achieved with small configurations 8-49815
- Miura, S.**, Hori, F., Nakanishi, N. Effect of cooling rates on stress-strain behavior in Au.47.5 at.%Cd alloy 8-76721
- Miura, S.**, Umeda, K. Cyclic deformation of polycrystalline α -zirconium 8-68757
- Miura, S.** *see* Matsui, T. 8-78915
- Miura, S.** *see* Nakanishi, N. 8-76695
- Miura, T.**, Yamaji, A., Takeuchi, K. A two-dimensional benchmark experiment for neutron transport in water 8-58318
- Miura, T.** *see* Inoue, T. 8-67718
- Miura, T.** *see* Shimauchi, M. 8-79004
- Miwa, H.**, Hamada, N. Local environment effect on atomic moments in ferromagnetic transition-metal alloys 8-68188
- Miwa, H.** *see* Hamada, N. 8-67936
- Miwa, H.** *see* Inada, T. 8-83834
- Miwa, M.**, Ohsawa, T., Kohara, T., Nakayama, A. Effect of particle size on modulus of particle-filled polymers 8-60694
- Miwa, S.** *see* Hidaka, J. 8-95712
- Miwa, S.** *see* Shimada, K. 8-63352
- Miwa, T.**, Okuno, T. Design of experiments in instrumentation. II 8-62190
- Miwa, T.**, Okuno, T. Design of experiments in instrumentation. III 8-70087
- Miwa, T.** *see* Sato, M. 8-58129
- Miwa, Y.** *see* Yamaguchi, T. 8-76580
- Miwada, K.** *see* Takeuchi, M. 8-95711
- Mix, L.P.**, Perry, F.C., Toepfer, A.J. Measurements of material response and implosion dynamics of ICF targets 8-58477
- Mix, L.P.** *see* Miller, P.A. 8-50319
- Miya, K.**, Shimizu, K., Kojima, T. Oblique-incidence sporadic-E propagation and its ionospheric attenuation 8-73578
- Miya, K.**, Takagi, T., Tabata, Y. Three dimensional analysis of magnetic field and magnet stress induced into vessel by plasma motion 8-66370
- Miyachi, I.** *see* Matsumura, T. 8-87547
- Miyachi, I.** *see* Nagata, M. 8-87510, 8-87581
- Miyachi, K.** *see* Tomii, K. 8-54846
- Miyadai, T.**, Kikuchi, K., Ito, H. On the anomaly of NiS₂ at the Curie temperature 8-76260
- Miyadai, T.** *see* Kikuchi, K. 8-80131
- Miyagawa, H.** *see* Oda, A. 8-64575
- Miyagawa, O.** *see* Kobayashi, M. 8-84829
- Miyagawa, O.** *see* Tanaka, M. 8-80591
- Miyagawa, S.** *see* Moriya, Y. 8-53295, 8-86945
- Miyagi, M.**, Gar Lam Yip Design theory of high-Q optical ring resonator with asymmetric three-layered dielectrics 8-83118
- Miyagi, M.**, Nishida, S. Bending losses of dielectric rectangular waveguides for integrated optics 8-63205
- Miyagi, T.** *see* Namba, M. 8-94074
- Miyahara, A.** Vacuum engineering for fusion reactor 8-58401
- Miyahara, A.** *see* Adati, K. 8-55007
- Miyahara, A.** *see* Hiroe, S. 8-59656
- Miyairi, H.**, Nagai, M., Muramatsu, A. Flexural properties of GRP/PUF/Al sandwich construction 8-56707
- Miyairi, H.**, Nagai, M., Muramatsu, A. Flexural fatigue properties of Al/PE/Al sandwich construction 8-56751
- Miyaji, H.**, Watanabe, S. Effect of the addition of copper or titanium on the recrystallization texture of 17% Cr stainless steel 8-80558
- Miyaji, T.** *see* Fukui, Y. 8-73750
- Miyajima, H.** Physics of amorphous magnetism 8-52259
- Miyajima, J.** *see* Sakamoto, N. 8-79641
- Miyajima, M.** *see* Doke, T. 8-61688
- Miyajima, M.** *see* Kubota, S. 8-60521
- Miyakawa, K.**, Akahoshi, S. Quasi-elastic light scattering near the instability point in nematic liquid crystals. II. Dielectric regime 8-75535
- Miyakawa, T.** *see* Kawai, M. 8-76096
- Miyake, K.**, Yagi, K., Tokuyama, T. Discharge characteristics and beam quality of a Freeman-type ion source in low-pressure arc operation: applications to ion beam deposition 8-66006
- Miyake, K.** *see* Miyata, N. 8-88049
- Miyake, K.** *see* Toshioka, K. 8-93885
- Miyake, M.**, Minato, I., Morikawa, H., Iwai, S.-I. Crystal structures and sulphate force constants of barite, celestite, and anglesite 8-83784
- Miyake, M.** *see* Okada, K. 8-83717
- Miyake, M.** *see* Tachibana, A. 8-60087
- Miyake, S.** *see* Abe, M. 8-49961, 8-62307, 8-89615
- Miyake, S.** *see* Arata, Y. 8-55728
- Miyake, S.** *see* Fukushima, K. 8-56962
- Miyake, S.** *see* Higashi, S. 8-55081
- Miyake, S.** *see* Hiroe, S. 8-59656
- Miyake, T.** *see* Kitada, K. 8-92225
- Miyake, Y.**, Jyowo, K., Iguchi, M. A turbulent boundary layer on a flat plate with mainstream containing turbulence and vorticity 8-83408
- Miyake, Y.** *see* Murata, S. 8-67167
- Miyake, Y.** *see* Sugimura, Y. 8-81208
- Miyakoda, K.**, Strickler, R.F., Chludzinski, J. Initialization with the data assimilation method 8-57282
- Miyama, S.**, Sato, K. An upper bound on the number density of primordial black holes from the big bang nucleosynthesis 8-65649
- Miyamoto, H.**, Fukuda, S., Kageyama, K. Finite element analysis of crack propagation under compression 8-67148
- Miyamoto, H.**, Kikuchi, M. On the application of continuum theory of dislocations to the mechanical behaviours of multi-phase materials 8-67717
- Miyamoto, H.**, Kitagawa, K. The effect of grain boundary on tensile deformation behavior of copper bicrystals 8-88495
- Miyamoto, H.** *see* Mitani, Y. 8-67767
- Miyamoto, H.** *see* Shiratori, M. 8-68793
- Miyamoto, S.** Hadamard transform X-ray telescope 8-53828
- Miyamoto, S.** Wide field-of-view Hadamard X-ray spectrometer 8-53829
- Miyamoto, S.** The origin of the ultraviolet emission in ZnO phosphors 8-64400
- Miyamoto, S.**, Matsuoka, M., Oda, M., Ogawara, Y. The wide band X-ray energy spectrum of Sco X-1 8-57696
- Miyamoto, S.** *see* Nishimura, J. 8-61933
- Miyamoto, S.** *see* Sakairi, T. 8-86654
- Miyamoto, T.** *see* Ueda, Y. 8-55768
- Miyamoto, Y.** *see* Aochi, T. 8-66330
- Miyamura, O.** *see* Biyajima, M. 8-89761, 8-93915
- Miyana, N.** *see* Yamanaka, C. 8-50300
- Miyana, S.** *see* Imai, M. 8-87163
- Miyana, Y.** *see* Tateishi, T. 8-88724
- Miyaniishi, Y.** *see* Watanuki, G. 8-62481
- Miyano, K.** *see* Yanokura, M. 8-58253
- Miyano, Y.** *see* Yorizane, M. 8-67827
- Miyao, K.** *see* Shiozawa, K. 8-56819
- Miyao, M.**, Miyazaki, T., Tokuyama, T. Optical reflectivity studies of damage in ion implanted silicon 8-55883
- Miyao, M.**, Yoshihiro, N., Tokuyama, T., Mitsui-shi, T. Correlation between lattice damage and electrical activation of phosphorus-implanted silicon 8-67726
- Miyao, M.** *see* Tokuyama, T. 8-83836
- Miyasaka, K.** *see* Sumita, M. 8-95780
- Miyasaka, S.** *see* Asakoa, T. 8-78440
- Miyasato, T.**, Akao, F. Uniaxial stress effect on acoustic attenuation in Sb-doped Ge 8-59863
- Miyase, A.**, Piekarski, K. The effect of the interface on the fracture characteristics of investment cast graphite fiber reinforced Sn-Pb alloy 8-76723
- Miyashita, F.** *see* Kitada, K. 8-92225
- Miyashita, M.** *see* Nonami, K. 8-63354
- Miyashita, S.** *see* Alguard, M.J. 8-70376
- Miyashita, S.** *see* Suzuki, M. 8-72322
- Miyashita, T.**, Takata, H. Low loss fibres for optical communication 8-79135
- Miyashita, T.** *see* Kawana, A. 8-71215
- Miyashita, T.** *see* Kimura, T. 8-83075
- Miyata, H.** *see* Takatsu, H. 8-66371
- Miyata, N.**, Miyake, K. Cd-Sn oxide films by DC reactive sputtering as transparent electrodes 8-88049
- Miyata, N.** *see* Tohyama, K. 8-74794
- Miyata, S.**, Motizuki, K., Nagamiya, T. Electronic band structure of TiCl₃ 8-51872

- Miyata, Y. *see* Tanabe, T. 8-66345
Miyatake, T. *see* Mikumo, T. 8-77186
Miyatake, Y., Yamada, S., Hayashi, T. Beta decay matrix elements in ^{149}Pm 8-70488
Miyatake, Y. *see* Kawase, Y. 8-90014
Miyatani, G. *see* Kitada, K. 8-92225
Miyachi, E. *see* Otsuka, T. 8-59099
Miyachi, K., Yoshida, K. Experimental studies of material behavior as related to sheet metal forming 8-95787
Miyachi, K. *see* Herai, T. 8-76768
Miyachi, K. *see* Ike, H. 8-56780
Miyachi, N. *see* Yasuda, H. 8-69660
Miyachi, T. *see* Horinaka, H. 8-74047
Miyachi, T. *see* Susaki, M. 8-88349
Miyazaki, A. Cosmological solutions for the homogeneous isotropic universe in the Brans-Dicke theory 8-96579
Miyazaki, K., Kashiwagi, H. Multiphoton ionization of Na atoms in third-harmonic generation by a mode-locked Nd:YAG laser 8-94413
Miyazaki, K., Kimura, J., Ogawa, M., Okada, T. Temperature fluctuation of sodium in annular flow channel heated by single-pin with blockage 8-78439
Miyazaki, S., Fujita, H. Effects of grain size and specimen thickness on mechanical properties of polycrystalline copper and copper-aluminum alloy 8-84945
Miyazaki, S., Iwakura, H. A device for continuous measurement of vertical force forces during walking 8-73273
Miyazaki, S. *see* Fujita, H. 8-84893
Miyazaki, T. *see* Miyao, M. 8-55883
Miyazaki, Y. *see* Kondo, K. 8-75003
Miyazawa, H. *see* Kato, K. 8-62458
Miyazawa, K. *see* Fukui, Y. 8-73750
Miyazawa, S., Iwasaki, H. Light scattering from ferroelectric domains in LiTaO_3 8-80310
Miyazawa, S. *see* Minakata, M. 8-94442
Miyazawa, Y., Mori, M., Honma, S. Interface shape transitions in the Czochralski growth of $\text{Dy}_3\text{Al}_2\text{O}_{12}$ 8-59772
Miyazawa, Y., Mori, Y., Homma, S., Kitamura, K. Interface shape transitions in Czochralski grown YAG crystals 8-83760
Miyazawa, Y., Mori, Y., Honma, S. The growth of $\text{Dy}_3\text{Al}_2\text{O}_{12}$ 8-95690
Miyazoe, Y. *see* Maeda, M. 8-55346, 8-55375, 8-74922, 8-90459
Miyazono, T., Iida, M. An interpretation of transient switching process in amorphous films of $\text{As}_{30}\text{Te}_{48}\text{Ge}_{10}\text{Si}_{12}$ 8-84232
Miyoshi, H. *see* Tsubouchi, N. 8-83830
Miyoshi, T. *see* Shiratori, M. 8-68793
Miyoshi, Y., Saga, J. On the sub-structure of polycrystalline aluminum developed during recrystallization process 8-64566
Mizera, P.F., Fennell, J.F. Satellite observations of polar, magnetotail lobe, and interplanetary electrons at low energies 8-73587
Mizera, P.F. *see* Croley, D.R., Jr. 8-89005
Mizgier, Z. Foundation and development of the Polish Physical Society. II 8-54145
Mizhiritskii, O.I. *see* Bogatov, A.A. 8-68726
Mizhiritskii, O.I. *see* Kolmogorov, V.L. 8-52907
Mizhiritsky, V.L. *see* Afonin, I.P. 8-54911
Mizra, R.E. *see* Thomas, R.R. 8-86647
Mizin, V.M. *see* Vorobev, P.A. 8-53231
Mizobe, H. *see* Akai, K. 8-56706
Mizobe, T. *see* Suyama, Y. 8-68660
Mizobuchi, A. *see* Gamo, K. 8-75683
Mizobuchi, A. *see* Tanaka, K. 8-50196
Mizobuchi, Y., Yamamura, M., Nishiyama, S. On the applicability of generalized Schwinger representation of the fermion pairs to the anharmonicity. I 8-74316
Mizobuchi, Y., Yamamura, M., Nishiyama, S. On the applicability of generalized Schwinger representation of the fermion pairs to the anharmonicity. II 8-89807
Mizobuchi, Y. *see* Yamamura, M. 8-54673
Mizoguchi, K., Tanigawa, Y. Strength and flexural rigidity of a cylindrical shell with periodic cut-outs under uniform bending. I. The case of circular cut-outs 8-87282
Mizoguchi, K. *see* Kou, T. 8-83989
Mizoguchi, M. NMR study of the low temperature phase of Fe_2O_3 . I. Experiments 8-56401
Mizoguchi, M. NMR study of the low temperature phase of Fe_2O_3 . II. Electron ordering analysis 8-56402
Mizoguchi, M. *see* Iida, S. 8-67686
Mizoguchi, S. *see* Nishida, T. 8-72752
Mizoguchi, T., Malozemoff, A.P., Cox, D.E. In-plane susceptibility of amorphous ferrimagnetic films near the compensation point 8-64238
Mizoguchi, T., Malozemoff, M.P., Cox, D.E. In-plane susceptibility of amorphous ferrimagnetic films near the compensation point 8-64240
Mizoguchi, T. *see* Cargill, G.S., III 8-64233
Mizoguchi, T. *see* McGuire, T.R. 8-68234
Mizoguchi, T. *see* Nozaki, H. 8-88098
Mizoi, K. *see* Matsumoto, H. 8-73272
Mizokawa, Y., Iwasaki, H., Nishitani, R., Nakamura, S. In-depth profiles of oxide films on GaAs studied by XPS 8-84086
Mizokawa, Y., Iwasaki, H., Nishitani, R., Nakamura, S. ESCA studies of Ga, As, GaAs, Ga_2O_3 , As_2O_3 and As_2O_5 8-92171
Mizonov, V.M. *see* Es'kova, N.F. 8-84853
Mizrahi, S.S. *see* De Oliveira, D.R. 8-82315
Mizugaki, K. *see* Moriyama, F. 8-89163
Mizuguchi, S. A_{2n} out-of-plane vibration of iron-porphin compound 8-82712
Mizukami, H. *see* Imai, S. 8-83624
Mizumoto, M., Macklin, R.L., Halperin, J. Neutron captures cross section of ^{159}Tb from 2.6 to 700 keV 8-50172
Mizumoto, M. *see* Raman, S. 8-58284
Mizuno, A. *see* de V. Klein, G. 8-65256
Mizuno, A. *see* Masuda, S. 8-59708
Mizuno, M., Kuno, T., Terao, K., Ariga, M. Basic studies of plastic working with vibration. III. Ultrasonic hardness tester for multiple uses and testing results 8-53044
Mizuno, M., Saeki, S. Infrared absorption intensities of formyl fluoride 8-70813
Mizuno, M., Shinoda, T., Mada, H., Kobayashi, S. Electronic spectra of n-(p-methoxybenzylidene)-p-n-butylaniline (MBBA) 8-52530
Mizuno, M., Yamada, T., Kitade, S., Sakamoto, K., Noguchi, T. Phase diagram of the system $\text{Al}_2\text{O}_3\text{-Nd}_2\text{O}_3$ at high temperature 8-79747
Mizuno, M., Yamada, T., Noguchi, T. Phase diagram of the system $\text{Al}_2\text{O}_3\text{-Pr}_2\text{O}_3$ at high temperature 8-88449
Mizuno, M., Yamada, T., Noguchi, T. Phase diagram of the system $\text{Al}_2\text{O}_3\text{-Sm}_2\text{O}_3$ at high temperatures 8-92253
Mizuno, T. On the arm structure and the star formation in M51 8-73762
Mizuno, Y. *see* Kanagawa, A. 8-58499
Mizunoya, K. *see* Nagasawa, A. 8-68692
Mizushima, K., Nakao, K., Tanaka, S., Iida, S. Dielectric properties of the low temperature phase of Fe_3O_4 at a microwave frequency 8-64309
Mizushima, K. *see* Iida, S. 8-67686
Mizushima, K. *see* Tanaka, S. 8-76299
Mizushima, Y. *see* Ohga, J. 8-77897
Mizushima, Y. *see* Urisu, T. 8-82759
Mizushima, Y. *see* Utsumi, Y. 8-72494
Mizushina, T., Ito, R., Yamashita, S., Kamimura, H. Film condensation of superheated pure vapor in a vertical tube 8-87783
Mizushina, T., Ogino, F., Komori, S., Ueda, H. Buoyancy effect on eddy diffusivities in thermally stratified flow in an open channel 8-90904
Mizushita, S. Portable chair type whole-body counter 8-61260
Mizuta, A. *see* Fujita, T. 8-67143
Mizuta, H. *see* Asaoka, T. 8-78440
Mizutani, H. *see* Matsui, T. 8-53846
Mizutani, H. *see* Ohnishi, S. 8-61364
Mizutani, M. The fall of a liquid drop into the still liquid 8-90946
Mizutani, N. *see* Uematsu, K. 8-68656
Mizutani, T. *see* Locher, M.P. 8-89835
Mizutani, T. *see* Suzuki, Y. 8-76090
Mizutani, T. *see* Takai, Y. 8-76145
Mizutani, U., Hartwig, K.T., Massalski, T.B., Hopper, R.W. Low-temperature specific heats of glassy $\text{Pd}_{1-x}\text{Si}_x$ alloys 8-83969
Mizutani, U., Kondow, T., Massalski, T.B. Low-temperature specific heats of graphite intercalation compounds with potassium and cesium 8-71868
Mizutani, Y. *see* Katsuki, M. 8-67284
Mjoberg, P.J., Ljunggren, S.O., Backvall, J.E. Microwave spectrum of cyclopentene-3,5-dione 8-55168
Mjølhus, E. A note on the modulational instability of long Alfvén waves parallel to the magnetic field 8-59576
Mjølhus, E. *see* Dystry, K.B. 8-77406
Mkhatrishivili, M.D. *see* Chilaya, G.S. 8-79529
Mkrtychian, J.Z. *see* Spence, D.A. 8-55564
Mkrtychian, A.R. *see* Gabrielyan, R.G. 8-52411
Mkrtychian, G.G. *see* Agasyan, E.O. 8-78563
Mkrtychian, G.M. *see* Martirosyan, N.A. 8-60634
Mkrtychian, G.S. Vortex pinning in the Josephson contact 8-68117
Miavsky, A.I. *see* Winston, R. (editor) 8-50891
Mikac, A. Sound diffraction by some baffle types 8-90558
Mlekodaj, R.L. *see* von Egidy, T. 8-66215
Militze, E. On the original method of Balarin and Zetsche 8-76022
Miodinow, L. *see* Hickerson, D.L. 8-74770
Miodzinska, Z.J. *see* Deuser, W.G. 8-85606
Mlynar, V. *see* Form, W. 8-52850
Mlynec, J. *see* Lange, W. 8-58640
Mnatsakanian, A.Kh. *see* Biberman, L.M. 8-94736
Mnatsakanov, T.T. *see* Volkov, B.A. 8-88111
Mnatsakanyan, A.Kh. *see* Biberman, L.M. 8-87251
Mnatsakanyan, K.G. The influence of electrode material on properties of high current arc in SF_6 8-71592
Mo, L.W. *see* Gordon, B.A. 8-82216
Mo, T. *see* Borkowski, J. 8-92882
Mo Jing-Er *see* Hang Heng-Rong 8-69836
Moak, C.D., Bridwell, L.B., Scott, H.A., Alton, G.D., Jones, C.M., Miller, P.D., Sayer, R.O., Kessel, Q.C., Antar, A. Absolute charge state yields of 20 MeV ^{12}I ions emerging from a gas stripper 8-55066
Moak, D.P. *see* Bauer, A.A. 8-86612
Moal, M.F. *see* Le Moal, M.F.
Moalem, A., Friedman, E. Radial distribution of $1g_{5/2}$ nucleons in Sr isotopes from nucleon-transfer reactions 8-50068
Moalem, A. *see* Burde, J. 8-58567
Moalem-Marón, D. General analysis of porous reactors with temperature-dependent rate of heat generation: plane, cylindrical and spherical elements 8-94738
Moali, J. *see* Reau, J.M. 8-51731
Moan, J. Biophysics applications of fluorescence and phosphorescence spectroscopy 8-92596
Moan, M. *see* Chauveteau, G. 8-87330
Moatar, F. *see* Abedinzadeh, Z. 8-77522
Moberg, H.O. *see* Aden, T. 8-86736
Moberly, L.A., Symko, O.G. Magnetic anisotropy of Zn-Cr alloys at very low temperatures 8-68157
Mobius, D. *see* Polymeropoulos, E.E. 8-68050
Mobius, D. *see* Wahling, G. 8-84674
Mobius, E. *see* Himmel, G. 8-75344
Mobius, K. *see* Biehl, R. 8-58580
Mobius, K. *see* Fey, H.-J. 8-55190
Mobius, K. *see* Hoff, A.J. 8-96018
Mobius, K. *see* Mayas, L. 8-90195
Moccia, R. *see* Caravatta, V. 8-74594
Moch, P. *see* Abdalian, A.T. 8-68492
Mochalin, N.K. *see* Volkov, V.A. 8-54411
Mochalkin, V.N. *see* Bolycheva, E.Ya. 8-82625
Mochalov, V.A. *see* Shnyrev, P.D. 8-49820
Mochel, J.M. *see* Smaardyk, J.E. 8-70127
Mocheshnikov, N.I. *see* Gladikh, P.I. 8-78875
Mochiki, K. *see* Yoshioka, Y. 8-64791
Mochizuki, H. *see* Mogi, K. 8-56750
Mochizuki, K. *see* Sawai, S. 8-86663
Mochizuki, S. Microwave conductivity of 3d-transition metal oxides at high temperatures 8-91715
Mochizuki, S. *see* Katsuyama, Y. 8-63175
Mochizuki, T., Shimoda, K. Light modulation experiment of Xe atoms with laser light. I. Theoretical analysis 8-82698
Mochizuki, T., Shimoda, K. Light modulation experiment of Xe atoms with laser light. II. Experimental results 8-82699
Mochizuki, T., Yamanaka, M., Morikawa, M., Yamanaka, C. High power 12.08 μm NH_3 laser [for laser isotope separation] 8-74923
Mochizuki, T. *see* Shimizu, S. 8-64685
Mochizuki, Y., Kaya, K., Ito, M. Fluorescence spectrum from $n\pi^*$ state of pyridine vapor 8-82771
Mochnicki, S.W., Walker, G.A.H. BVR area photometry of M15 8-85983
Mochniak, J., Waga, S. Anisotropy of blue-copper luminescence centers ZnS:Cu(Al) crystals 8-64390
Mock, W., Jr., Holt, W.H. Shock-wave compression of an alumina-filled epoxy in the low gigapascal stress range 8-59856
Mockel, D., Rossler, W., Baumann, F. Electrical resistivity of amorphous Sb films and Sb-Au films 8-95390
Mockel, P. Optically pumped miniature solid-state lasers from stoichiometric neodymium compounds 8-50786
Mockett, P. *see* Oliver, W.P. 8-89857
Mockler, R.C. *see* Scheibner, B.A. 8-71871
Mockler, R.C. *see* Sorensen, C.M. 8-78913
Modarres, M., Irvine, J.M., Bishop, R.F. The saturating effect of $\text{N}^*(1234)$ on the binding of light nuclei 8-58231
Modarres, D. Application of the method of integral relations to boundary layer flows over blunt bodies 8-79296
Moddemann, W.E. *see* Wittberg, T.N. 8-72029
Model, M.D. *see* Shchelkunov, K.N. 8-78934
Modelli, A. *see* Destefano, G. 8-50588
Modena, G., Reolon, A. A new artificial ear for telephone use 8-63255
Modena, I. *see* Barbanera, S. 8-49859
Modenov, V.P. *see* Evdokimova, V.V. 8-49858
Modestov, A.P. *see* Aksenov, V.I. 8-69563
Modi, V.J., Jeong, L. On some aspects of unsteady aerodynamics and vortex induced oscillations of elliptic cylinders at subcritical Reynolds number 8-94746
Modi, V.J., Misra, A.K. Orbital perturbations of tethered satellite systems 8-96381
Modi, V.J. *see* Misra, A.K. 8-77456
Modi, V.J. *see* Van der Ha, J.C. 8-89041
Modinos, A. The electronic work function of the different faces of tungsten 8-76135
Modinos, A. *see* Birtwistle, D.T. 8-82850
Modis, T. *see* Clark, A.G. 8-89751, 8-89759
Modzolevskii, V.I. *see* Komel'kov, V.S. 8-92482
Moe, G.W. *see* Bulos, B.R. 8-66489
Moeck, E.O., Lepp, R.M., Frketich, G. Two-phase control absorber development program: first results from out-reactor static tests 8-58389

- Moeck, E.O.**, McMorran, P.D. Dynamic simulation of the Gentilly-1 reboiler system 8-82439
- Moeck, E.O.**, Wong, P.Y. Inertial analysis of hydrodynamic oscillations in the Gentilly-1 steam mains 8-89944
- Moeck, E.O.** see Wong, P.Y. 8-54824
- Moehlecke, S.** see Dew-Hughes, D. 8-52132
- Moehlecke, S.** see Sweedler, A.R. 8-52121
- Moerich, J.** see Fasolo, J. 8-54973
- Moeschke, B.** see Chwaleba, A. 8-89470
- Moesdijk, G.A.J.** van de see van de Moesdijk, G.A.J.
- Moeser, J.H.** see Lieke, W. 8-76054
- Moffa, P.J.** see Alexander, Y. 8-50214
- Moffat, A.F.J.** The intrinsically bright Wolf-Rayet stars of type WN7. II. The probable single star HD 93162 in the extremely young Carina cluster Trumpler 16 8-85946
- Moffat, A.F.J.** see Charles, P.A. 8-65722
- Moffat, J.W.** Geometrical gauge theory of gravity and elementary particle forces 8-70041
- Moffatt, G.I.** see Bell, J. 8-54625, 8-93872, 8-93873
- Moffatt, H.K.** Some problems in the magneto-hydrodynamics of liquid metals 8-83498
- Moffatt, R.J.**, Heazler, J.M., Kays, W.M. Experimental heat transfer behavior of a turbulent boundary layer on a rough surface with blowing 8-71334
- Moffett, K.C.** see Ballam, J. 8-82247
- Moffett, K.C.** see Brandelik, R. 8-62416
- Moffett, K.C.** see Chadwick, G.B. 8-66175
- Moffett, M.B.**, Konrad, W.L., Carlton, L.F. Experimental demonstration of the absorption of sound by sound in water 8-59180
- Moffett, M.B.**, Mellen, R.H., Konrad, W.L. Parametric acoustic sources of rectangular aperture 8-63219
- Moffett, M.B.** see Konrad, W.L. 8-75011
- Moffett, M.B.** see Mellen, R.H. 8-63221
- Moffett, R.J.** see Bailey, G.J. 8-93035
- Moffett, T.J.**, Barnes, T.G., Evans, D.S. Applicability of the visual surface brightness relation to white dwarfs 8-81624
- Moffett, T.J.** see Barnes, T.G. 8-53931
- Moffett, T.J.** see O'Dell, S.L. 8-93440
- Moffett, T.J.** see Owen, F.N. 8-81697
- Moffett, T.J.** see Vanden Bout, P.A. 8-53988
- Mogab, C.J.**, Adams, A.C., Flamm, D.L. Plasma etching of Si and SiO₂—The effect of oxygen additions to CF₄ plasmas 8-72908
- Mogab, C.J.**, Adams, A.C., Flamm, D.L. Plasma etching of Si and SiO₂—the effect of oxygen additions to CF₄ plasmas 8-75363
- Mogab, C.J.** see Matsysik, K.J. 8-72050
- Mogensen, B.**, Friend, R.H., Jerome, D., Bechgaard, K., Carneiro, K. Electrical conductivity in HMTSF-TNAP under pressure 8-84200
- Moger, G.** see Rockenbauer, A. 8-62831
- Moghal, G.R.** Determination of gold concentration and the effective impurity doping at the silicon/silicon-dioxide interface 8-52094
- Mogi, K.** An interpretation of the recent tectonic activity in the Izu-Tokai district 8-96145
- Mogi, K.**, Igarashi, K., Mochizuki, H. Deformation and fracture of rocks under general triaxial stress states—anisotropic dilatancy 8-56750
- Mogil'ner, I.Ya.** see Aleshin, N.P. 8-76808
- Mogil'nikov, K.P.** see Gritsenko, V.A. 8-52642, 8-84333
- Mogil'nikskii, B.S.** see Bikmukhametov, K.A. 8-74957
- Mognard, N.** see Stewart, R.H. 8-77337
- Mogro-Campero, A.** see Fleischer, R.L. 8-85560
- Mogro-Campero, A.** see Ip, W.-H. 8-77442
- Moguchii, L.N.** Flow of crystalline materials during plastic deformation 8-76705
- Mogul, P.H.** see Rudolph, M.J. 8-91459
- Mogutnov, B.M.** see Mikhailova, L.K. 8-59781
- Mohamed, A.E.M.A.** see Shehawy, E.F.E. 8-59497
- Mohamed, E.J.** see Gomaa, M.A. 8-62677
- Mohamed, F.A.** Evidence for subgrain formation in an Al-Mg alloy at low stresses 8-84928
- Mohamed, F.A.** see Langdon, T.G. 8-52921, 8-56703, 8-60819
- Mohamed, H.A.** On the equilibrium transition temperature of thermoelastic martensitic transformations 8-56635
- Mohamed, H.A.** see Sinclair, R. 8-51401
- Mohamed, S.A.** see Salam, S.A. 8-76669
- Mohamed, S.M.**, Abramzon, A.A., Gurevich, I.Ya. Rheological properties of reversible gels of high-molecular compounds 8-53274
- Mohammad, S.Noor** see Noor Mohammad, S.
- Mohammadi, H.**, Ziemer, P.L. Thermoluminescence dosimetry of fast neutrons using silver activated lithium borate phosphors 8-94163
- Mohan, A.L.** Shashi see Shashi Mohan, A.L.
- Mohan, C.**, Singh, V.P. Use of Roche coordinates in the problems of small oscillations of rotationally distorted stellar models 8-69782
- Mohan, C.**, Singh, V.P. Use of Roche coordinates in the problems of small oscillations of tidally distorted stellar models 8-77577
- Mohan, G.D.**, Lucas, A.A. Collective vibrational modes of adsorbed CO 8-50533
- Mohan, M.**, Chand, P. Collinear collision of a molecule with a diatomic molecule in the presence of an intense laser beam 8-94304
- Mohan, M.**, Sharma, A.S., Buti, B. Stability of electrostatic solitary drift waves 8-91105
- Mohan, M.** see Nanda, R.S. 8-91013
- Mohan, N.**, Muller, A. Relations between the infrared and Raman intensities as well as other molecular constants 8-62853
- Mohan, N.**, Muller, A. Extremal properties of molecular constants 8-78678
- Mohan, N.** see Muller, A. 8-74668
- Mohan, S.** see Sharma, B.L. 8-60582
- Mohan, V.** see Batra, R.L. 8-67230
- Mohan Rao, C.R.**, Mehrotra, P.N. Differential thermal analysis and infrared studies on the effect of impurities on aragonite-calcite transformation 8-51662
- Mohan Rao, P.K.**, Andrews, D.G. Post-nucleate boiling and critical heat flux from horizontal heated surfaces 8-90664
- Mohan Singh Brij** see Brij Mohan Singh
- Mohan Sondhi** Man see Man Mohan Sondhi
- Mohana Rao, K.R.** see Krishnamurthy, T.S.G. 8-51457
- Mohanakrishnan, P.** Effect of cosine current approximation in lattice cell calculations in cylindrical geometry 8-50226
- Mohanakrishnan, P.**, Huria, H.C. Reactivity prediction of uniform PuO₂-UO₂-fueled lattices and Pu(NO₃)₃ solutions in light water 8-89957
- Mohanty, B.P.** see Miele, A. 8-63278
- Mohanty, B.S.** see Mishra, K.C. 8-50532, 8-94227
- Mohanty, B.S.** see Rao, K.R.P. 8-62739
- Mohanty, D.K.** see Sarma, N.V.G. 8-77599
- Mohapatra, N.C.** Quadrupole antishielding factors of atoms and ions 8-62723
- Mohapatra, R.N.** CP violation in left-right-symmetric gauge theories and possible existence of absolutely stable hadrons 8-74155
- Mohapatra, R.N.**, Senjanovic, G. Are there limits on gauge hierarchies? 8-93791
- Mohapatra, S.C.** see Chang, C.S. 8-58076
- Mohapatra, S.K.**, Kroger, F.A. The dominant type of atomic disorder in α -Al₂O₃ 8-63757
- Mohapatra, U.** see Mishra, S.P. 8-83386
- Mohapatre, R.N.**, Paige, F.E., Sidhu, D.P. Symmetry breaking and naturalness of parity conservation in weak neutral currents in left-right-symmetric gauge theories 8-70305
- Moharam, M.G.**, Young, L. Criterion for Bragg and Raman-Nath diffraction regimes 8-71028
- Moharam, M.G.**, Young, L. Reading and optical erasure of holograms stored by the photorefractive effect in lithium niobate 8-90390
- Moharil, S.V.** see Ekbote, P.D. 8-64382
- Mohi Aldeen, K.A.**, Koneernm, G. Effects of acute X-irradiation on pre-implantation embryos and on the implantation reaction in the mouse 8-69154
- Mohindra, V.K.**, Kugler, G., Lopez, A.M. Measurements and simulations of thermal neutron flux distributions in Bruce A 8-82492
- Mohiuddin, S.** see Sketch, M.H. 8-81050
- Mohiuddin, S.M.** see Zencka, A.E. 8-81028
- Mohl, D.** see Bregman, M. 8-89768
- Mohl, D.** see Carron, G. 8-90006
- Mohlenskamp, R.** see Korsch, H.J. 8-70898, 8-73880
- Mohler, M.B.** see Wineland, D.J. 8-57913
- Mohling, F.** see Lee, C.E. 8-69997
- Mohlmann, G.R.**, Bhutani, K.K., De Heer, F.J., Tsurubuchi, S. Lifetimes of the vibronic A²A₁ states of H₂O⁺ and of the ³Π₁(v'=0) state of OH⁺ 8-70874
- Mohlmann, G.R.**, Van Sprang, H.A., Bloemen, E., De Heer, F.J. Experimental determination of the electronic transition moment for the NO(A²Σ⁺-X²Π) system. Lifetimes of the NO(A²Σ⁺, v'=0,1,2) levels 8-82787
- Mohlmann, G.R.** see Van Sprang, H.A. 8-90304
- Mohr, P.J.** see Brodsky, S.J. 8-74193
- Mohr, W.**, Repplinger, W. Contactless EMA-excitation of ultrasonic bulk waves. I 8-59234
- Mohrhauer, H.** see Krey, M. 8-86666
- Mohri, K.**, Korekoda, S. New force transducers using amorphous ribbon cores 8-93669
- Mohri, M.**, Watanabe, K., Yamashina, T. Sputtering process of a silicon carbide surface with energetic ions by means of an AES-SIMS-FDS combined system 8-80444
- Mohri, M.**, Watanabe, K., Yamashina, T., Doi, H., Hayakawa, K. Measurement of erosion yields for a SiC surface on H⁺, D⁺ and Ar⁺ bombardment 8-79647
- Mohri, M.** see Watanabe, K. 8-95210
- Mohri, M.** see Yamashina, T. 8-95636
- Mohring, W.** On flow lines in Laval nozzles with heat input 8-90961
- Mohsen, A.** On the variational solution of electromagnetic problems in lossy anisotropic inhomogeneous media 8-77735
- Mohwald, H.** see Erdle, E. 8-71827
- Mohyla, I.** see Ministr, Z. 8-64503
- Moin, E.**, Murr, L.E. Summary of pulse duration effects on the shock-hardening of metals and alloys 8-80561
- Moin, E.** see Murr, L.E. 8-67769
- Moine, P.** see Eymerly, J.P. 8-92963
- Moinester, M.A.** see Malbrough, D.J. 8-70570
- Moiooli, P.** see Antonini, D. 8-58283
- Moir, J.**, Longhi, A. The interaction between the loudspeaker and the surroundings 8-51005
- Moir, R.W.**, Dolan, T.J., Barr, W.L. Design of an electrostatic end-plugged plasma-confinement device 8-55743
- Moir, R.W.** see Barr, W.L. 8-54920
- Moir, P.** Pinot De see Pinot De Moira, P.
- Moisa, T.** see Safta, V. 8-68816
- Moisan, M.**, Zakrzewski, Z. Circuit properties of a new RF plasma source (surfatron) operating at low pressure 8-67548
- Moisan, M.** see Bloyet, E. 8-75385
- Moise, M.** see Melinte, S. 8-91259
- Moiseenko, B.D.** see Levitan, Yu.L. 8-59364
- Moiseenko, L.L.**, Odintsov, V.V., Grushko, Yu.S., Mishin, K.Ya., Molkanov, L.I. The valency of Yb in YbB₁₂ 8-60263
- Moiseenko, V.N.** see Vyatkin, K.V. 8-51878
- Moiseev, I.G.** On the circular polarized radioemission over the bipolar groups of sunspots at 1.35 cm 8-57532
- Moiseev, I.G.** see Domnin, S.L. 8-65506, 8-65507
- Moiseev, I.G.** see Efanov, V.A. 8-57666
- Moiseev, I.G.** see Genzel, R. 8-61901
- Moiseev, I.G.** see Matveenko, L.I. 8-69693, 8-69865
- Moiseev, I.G.** see Pauliny-Toth, I.I.K. 8-69902
- Moiseev, M.B.**, Nikitin, M.M., Fedosov, N.I. Change in form of polarization in undulator radiation 8-50683
- Moiseev, M.B.**, Nikitin, M.M., Fedosov, N.I. Motion and radiation of relativistic electrons in a special type of undulator 8-62997
- Moiseev, N.A.** see Edwards, R.G. 8-87199
- Moiseev, S.S.**, Sagdeev, R.Z., Tur, A.V., Yanovskii, V.V. Structure of acoustic-vortical turbulence 8-83373
- Moiseev, S.S.** see Gushchin, V.V. 8-71475
- Moiseev, V.F.** see Trefilov, V.I. 8-68788
- Moiseev, V.N.** Trends in the development of hardening heat treatments for titanium alloys 8-95759
- Moiseev, V.N.**, Znamenskaya, E.V., Tarasenko, G.N. Effect of structure and heat treatment on the properties of high-strength titanium alloys 8-56711
- Moiseev, V.V.** see Sviridov, S.I. 8-87819
- Moiseyev, M.A.** see Yergakov, V.S. 8-55329
- Moiseyev, N.**, Certain, P.R. On the angular correlation of electrons in configuration interaction wavefunctions 8-62730
- Moiseyev, N.**, Kventse, G.F., Katriel, J. Comment on 'Non-non crossings in molecular potential energy curves' 8-78770
- Moiseyeva, T.F.** see Sabel'nikov, A.G. 8-69007
- Moish, Yu.V.** see Kamenetskaya, D.S. 8-92323
- Moisin, A.M.** Neutron scattering study of local ordering in Fe-Ni and Fe-Al alloys 8-64193
- Moison, J.M.**, Domange, J.L., Oudar, J. Impurity segregation at well-defined interfaces: sulphur at (111)Cu/(110)Mo and (111)Ag/(110)Mo interfaces 8-84076
- Moissl, G.** see Breit, A. 8-85369
- Moitra, R.K.**, Roy, H.P. The dynamic polarizability of helium: inclusion of the rearrangement effect in an extended version of coupled Hartree Fock theory 8-50472
- Moitra, R.K.** see Chaudhuri, P. 8-51870
- Moitra, R.K.** see Mukherjee, P.K. 8-82858
- Moity, J.** A diagnostic method for plasmas in a PLTE situation—application to argon plasmas 8-67606
- Moizhes, B.Ya.**, Nemchinskii, V.A. Channel in a hour-current arc 8-63614
- Moizhes, B.Ya.** see Logachev, Yu.A. 8-60408
- Mojzes, I.** Formation of AuGe contacts to n-GaAs 8-76146
- Mojzes, I.** see Podor, B. 8-91791
- Mokhorov, V.G.** see Valiev, K.A. 8-60414
- Mokharov, M.V.** see Serkhovets, S.I. 8-95732
- Mokhlisse, A.** see Bertrand, G. 8-76852
- Mokhov, E.N.** see Lomakina, G.A. 8-60129
- Mokhov, E.N.** see Vodakov, Yu.A. 8-59983, 8-87942
- Mokhov, I.L.**, Golitsyn, G.S. Variational estimate of climatic system stability for simple models 8-69437
- Mokhov, I.L.** see Golitsyn, G.S. 8-53716, 8-88902
- Mokhracheva, L.P.**, Tskhai, V.A., Geld, P.V. Charge distribution and ionicity of the chemical bonds in TiC, VC and TiN 8-63961
- Mokler, P.** see Liesen, D. 8-58800

- Mokler, P.H.**, Folkmann, F. X-ray production in heavy ion-atom collisions 8-74757
- Mokler, P.H.** see Behncke, H.-H. 8-94316
- Mokler, P.H.** see Beyer, H.F. 8-66641
- Mokros, J.** Angle measurement by light interference 8-49794
- Mokros, J.** Auto-collimating telescope calibration possibilities by unconventional methods 8-77848
- Mokross, B.J.**, Pirc, R. Elastic interaction of tunneling impurities in solids 8-71826
- Mokrushin, A.D.**, Kuznetsov, Yu.N., Ol'khovikova, T.I., Prokop'ev, E.P., Khashimov, F.R. Annihilation of positrons in single crystals of III-V semiconductors 8-72636
- Mokhtar, E.** see Troost, A. 8-52931
- Mol, C.De** see De Mol, C.
- Molchanov, A.A.**, Rodionov, N.F., Siraev, A.Kh., Morozov, V.P., Antonenko, Yu.N. Design of an instrument set for hydrodynamic recording in boreholes 8-53761
- Molchanov, A.G.** see Voitik, M.G. 8-50753
- Molchanov, V.A.** see Balashova, L.I. 8-88399
- Molchanov, V.A.** see Borisov, A.M. 8-56554
- Molchanov, Yu.V.** Magnetic properties of 4-octyloxy-4'-heptyl- α -cyanstilbene liquid crystal 8-87615
- Molchatskii, L.S.** Effect of electromagnetic mixing on splitting of nucleon masses 8-74255
- Molchatskii, L.S.** Effect of electromagnetic mixing on mass splitting of particles from isomultiplets D(1.87) and D*(2.01) 8-89714
- Moldavskii, M.Kh.** Effective method of angle measurements with sine-bar devices 8-81944
- Moldenhauer, W.** see Bruckner, W. 8-64071, 8-76121
- Moldenhauer, W.** see Ritschel, M. 8-59823
- Moldovan, A.G.**, Elattar, A., Wallace, W.E. Studies of the methanation catalysts ThNi_3 and ZrNi_3 by Auger and characteristic energy loss spectra 8-56915
- Moldovanova, M.**, Assenov, R. A new interpretation of the temperature dependence of the Hall coefficient in 'pure' and doped SnTe 8-87988
- Moldover, M.R.**, Gallagher, J.S. Critical points of mixtures: an analogy with pure fluids 8-67819
- Moldover, M.R.** see Sengers, J.V. 8-55936
- Moldovyan, N.A.** see Zhitar, V.F. 8-56185
- Mole, R.H.** The sensitivity of the human breast to cancer induction by ionizing radiation 8-61217
- Mole, R.H.** The radiobiological significance of the studies with ^{222}Ra and thorotrast 8-96076
- Moledo, L.** see Marshall, G. 8-77375
- Molen, G.M.** Multiple-beam interferometry 8-86324
- Molen, S.B.** van der see van der Molen, S.B.
- Moler, C.B.**, Stewart, G.W. On the Householder-Fox algorithm for decomposing a projection 8-77663
- Moler, C.B.** see Davis, G.J. 8-89295
- Moler, W.** see Imhof, W.L. 8-93040
- Moles, M.**, Vigier, J.P. Remarks on the impact of photon-scalar boson scattering on Planck's radiation law and Hubble effect [and reply] 8-54212
- Moles, M.** see Nottale, L. 8-65701
- Molev, V.I.** see Shchavlev, O.S. 8-88287
- Molixe, F.** see Lafond, C. 8-60681
- Molin, Yu.N.**, Panfilov, V.N., Strunin, V.P. Isotope-selective CH_3F photobromination under cw CO_2 -laser irradiation 8-76843
- Molina, J.** see Chou, C.C. 8-53703
- Molina, M.**, Gutz, I.G.R., Tognolli, J.O., Melios, C.V. A special type of concentrating cell using electrodes of sintered silver 8-88637
- Molina-Cruz, A.** The relation of the southern trade winds to upwelling processes during the last 75000 years 8-57217
- Molina-Cruz, A.**, Thiede, J. The glacial eastern boundary current along the Atlantic Eurafri-can continental margin 8-81179
- Molinari, A.** see Alberico, W.M. 8-70480
- Molinari, G.**, Sciotto, G., Viviani, A. A multi-phase modular program for the numerical solution of electromagnetic boundary-value problems 8-94353
- Molinari, G.**, Viviani, A. Analytical evaluation of the electro-dielectrophoretic forces acting on spherical impurity particles in dielectric fluids 8-88641
- Molinari, G.**, Viviani, A. Experimental results and computer simulation of impurity particles motion in n-hexane under DC and AC conditions 8-88642
- Molinari, V.** see Cicconi, G. 8-79461
- Molinari, V.G.** see Benoist, P. 8-89930
- Molinari, V.G.** see Boffi, V.C. 8-50233, 8-72125
- Moline, E.**, Velarde, M.G. The cumulant expansion in renormalization group transformations of Ising models: cells with nine spins and anisotropic cell interactions 8-70064
- Molinelli, E.** see Gordon, A.L. 8-85580
- Molinie, P.** see Friend, R.H. 8-87927
- Molinie, P.** see Wada, S. 8-80096
- Molinier, J.**, Angelino, H. Influence of pulsation on mass transfer inside drops 8-55686
- Molinier, J.** see Khemangkorn, V. 8-71385
- Molinkov, L.I.** see Moiseenko, L.L. 8-60263
- Molland, A.F.** A five-component strain gauge wind tunnel dynamometer 8-54361
- Mollard, F.** see Haour, G. 8-52767, 8-52768, 8-52771
- Mollard, P.**, Briane, M., Germe, P., Fievet, F. Magnetic properties of fine NiO particles 8-52315
- Mollenauer, L.F.** Apparatus for the coloration of laser-quality alkali halide crystals 8-74917
- Mollenauer, L.F.**, Bloom, D.M., DelGaudio, A.M. Broadly tunable cw lasers using F_2^+ centers for the 1.26-1.48 and 0.82-1.07 μm bands 8-79023
- Mollendorf, J.C.** see Carey, V.P. 8-51161, 8-94695
- Mollenhorst, G.J.** see Wierenga, P.E. 8-54380
- Mollenstedt, G.**, Lichte, H. Young-Fresnel double-mirror interference experiment with electrons 8-90351
- Mollenstedt, G.**, Lichte, H., Lau, B., Uchikawa, Y. Use of a focussed laser beam for heating the cathode of an electron gun 8-89591
- Moller, C.** On the crisis in the theory of gravitation and a possible solution 8-57833
- Moller, H.B.** see Shapiro, S.M. 8-68162
- Moller, H.Bjerrum** see Bjerrum Moller, H.
- Moller, H.-J.** The movement of dissociated dislocations in the diamond-cubic structure 8-59806
- Moller, P.** see Negele, J.W. 8-66261
- Moller, R.**, Tschoke, H. Experimental determination of cladding temperature fields in the critical regions of rod bundles with turbulent sodium flow and comparison with calculations 8-94084
- Moller, R.** see Albrow, M.G. 8-58214
- Moller, U.** see Krebs, L. 8-94785
- Moller, W.**, Borgesen, P., Bottiger, J. Temperature-dependent depth profiles of deuterons implanted into zirconium 8-95076
- Moller, W.** see Borgesen, P. 8-83858
- Moller, W.** see Neumann, H. 8-92090
- Mollerup, J.** see Grauso, L. 8-83929
- Molnar, B.J.**, Haranahalli, A.R., Dove, D.B. Electrochromism in WO_3 films with BaO additions 8-72620
- Molnar, F.**, Lavrin, A. A contribution to the study of sign inversion of effective charge in molten metallic systems 8-60656
- Molnar, M.R.**, Stephens, T.C., Mallama, A.D. OAO 2 observations of the alpha Persei cluster 8-93331
- Molnar, P.**, Wang-ping Chen Evidence of large Cainozoic crustal shortening of Asia 8-57189
- Molnar, S.Von** see von Molnar, S.
- Molnar, S.Von** see Von Molnar, S.
- Molochov, V.I.** see Bykovskii, Yu.A. 8-50948
- Molodenskii, M.M.**, Syrovatskii, S.I. Magnetic fields of active regions and their zero points 8-96465
- Molodenskii, S.M.** The influence of horizontal inhomogeneities in the mantle on the amplitude of tidal oscillations 8-57159
- Molodenskii, S.M.** Relation between Love numbers and load factors 8-61305
- Molodenskii, S.M.** see Zharkov, V.N. 8-85513
- Molodets, A.M.** see Kanel', G.I. 8-92299
- Molodkina, N.Yu.** see Ketkovich, A.A. 8-59111, 8-73006, 8-76812
- Molodkina, T.A.** see Movchan, B.A. 8-95242
- Molodtsov, A.D.** see Bogomolov, A.M. 8-66455
- Molodyakova, L.P.**, Andreev, V.M. Universal etchant for processing GaAs 8-53008
- Molodykh, S.I.** see Kovalenko, V.A. 8-53919
- Molokanov, V.V.**, Chernov, D.B., Budberg, P.B. Solubility of vanadium in α titanium 8-83959
- Moloney, J.V.**, Heath, W.J. Induced transition probabilities and energies for the strongly coupled two-level system 8-66598
- Moloney, J.V.**, Meath, W.J. Multi-photon spectra in the presence of strongly saturating oscillating and static fields 8-58639
- Moloney, J.V.**, Meath, W.J. Non-linear resonance frequency shifts and saturation effects by oscillating and static applied fields in multi-level systems 8-78675
- Molotilov, B.V.** see Glezer, A.M. 8-95016
- Molotkov, A.P.** see Baschirow, A.B. 8-92290
- Molotskii, M.I.** Fracture of ionic crystals in a magnetic field 8-59855
- Molt, K.** see Turowski, A. 8-74659
- Molton, P.M.** Exotic life and exobiology 8-69708
- Molton, P.M.** On the likelihood of a human interstellar civilisation 8-81561
- Molvig, K.**, Roberson, C.W., Tajima, T. Surface filamentation of a relativistic electron beam in a plasma 8-67369
- Molvig, K.** see Hutchinson, I.H. 8-51286
- Molvik, A.W.**, Baird, E.D., Berkner, K.H., Cooper, W.S., Ehlers, K.W., Duffy, T.J., Fink, J., Garner, D., Wilder, C. A compact 80-keV neutral-beam module 8-54917
- Molz, F.J.** see Davidson, J. 8-81224
- Momany, F.A.** Determination of partial atomic charges from ab initio molecular electrostatic potentials. Application to formamide, methanol, and formic acid 8-70739
- Momenteau, M.** see Mispeler, J. 8-78719
- Momin, A.C.**, Karkhanavala, M.D. Temperature dependence of the Gruneisen parameter and lattice vibrational frequencies of UO_2 and ThO_2 in the range 298-2300K 8-79712
- Momin, A.C.**, Mathews, M.D. High temperature thermal expansion studies of pure UO_2 , Gd_2O_3 and of UO_2 -1.5 w/o Gd_2O_3 solid solution 8-83979
- Momni, S.N.** see Sequeira, A. 8-55787
- Momiroff, B.** see Stanzola, R. 8-54429
- Momma, N.**, Taniguchi, H., Ura, M., Ogawa, T. Guttering of gold and copper in silicon during gallium diffusion 8-91350
- Mon, J.P.** see Gobeau, J. 8-75763, 8-80327
- Mon, K.K.**, Ashcroft, N.W. On the origin of thermal anomalies in amorphous systems 8-91256
- Monacelli, P.** see Esposito, B. 8-66132
- Monaghan, J.J.** Fluctuating hydrodynamics and the thermodynamics of self-gravitating systems 8-77485
- Monaghan, J.J.** see Gingold, R.A. 8-93209
- Monaghan, J.J.** see Nash, P.E. 8-77475
- Monaghan, K.J.** Design and performance considerations for single fiber multichannel environmental connectors 8-71229
- Monaghan, K.J.** Design and performance considerations for single-fiber multichannel environmental connectors 8-90508
- Monahan, E.C.**, Pybus, M.J. Colour, ultraviolet absorbance and salinity of the surface waters off the west coast of Ireland 8-85603
- Monahan, J.E.**, Serduke, F.J.D. Nuclear mass relations and equations 8-66194
- Monahan, J.E.** see Sexton, E.H. 8-54759
- Monahan, K.** see Bianconi, A. 8-52567
- Monahan, K.M.**, Rehn, V. Exploiting the unique time-structure of synchrotron radiation at SSRL 8-66687
- Monahan, K.M.**, Rehn, V. Energy transfer in solid Xe and Kr doped with N_2O 8-68544
- Monakhov, F.L.**, Zhak, V.M. The mechanism of microseism generation from the sea-floor observations off the Island of Shikotan 8-73319
- Monakhov, V.N.**, Peshkovskii, S.L., Yakovlev, A.D. Matching of magnetostrictive transducers with cavitating water 8-94503
- Monarkha, Yu.P.**, Sokolov, S.S. Hot electrons in liquid helium surface 8-87832
- Monaselidze, D.R.**, Mgeladze, G.N. Thermal properties of DNA and polydeoxyribonucleotides in a wide range of concentrations of the ions of neutral salts and of polymer 8-80833
- Monastyrsky, M.I.** see Golo, V.L. 8-63896
- Monceau, P.**, Briggs, A. Quantum oscillations in NbSe_3 8-60049
- Monceau, P.** see Haen, P. 8-80088
- Monch, W.**, Auer, P.P. On the geometrical structure of cleaved Si (111) surfaces 8-91517
- Monchick, L.** Sound dispersion in a quasi-Lorentz gas 8-55502
- Monchick, L.**, Adrian, F.J. On the theory of chemically induced electron polarisation (CIDEP): vector model and an asymptotic solution 8-66567
- Monchick, L.** see Goldflam, R. 8-78802
- Moncrief, V.** see Cunningham, C.T. 8-93297
- Moncton, D.E.**, Di Salvo, F.J., Axe, J.D. Studies of the lattice dynamics and phase transitions in 1T-TiSe₂ and 2H-TaSe₂ 8-79727
- Moncton, D.E.**, Shirane, G., Thomlinson, W., Ishikawa, M., Fischer, O. Coexistence of antiferromagnetism and superconductivity: a neutron diffraction study of DyMo_6S_8 8-95401
- Moncton, D.E.** see Lynn, J.W. 8-68125, 8-76190
- Moncton, D.E.** see Thomas, G.A. 8-79949
- Mond, M.** see Cuperman, S. 8-59578
- Mondal, P.K.**, Prabhakar Rao, K., Ramana-than, S. Equivalent passband of optical systems with Straubel apodisation filters 8-50880
- Mondino, P.L.**, Selin, K.I. JET additional heating power supply and protection 8-66391
- Mondy, R.E.** see Jamison, W.E. 8-64711
- Monheim, M.T.A.**, Chang, Y.W. Comparison of ICEPEL code predictions with straight flexible pipe experiments 8-70620
- Monheim, M.T.A.**, Chang, Y.W., Fistedis, S.H. Computer modelling of piping components for transient hydrodynamic-structural response 8-74449
- Monem, N.A.E.** A method for the preparation of uranium fuel particles by loading ion exchange resin 8-82499

- Monemar, B.** High-resolution composition profiling of GaAs-Al_xGa_{1-x}As double-hetero-laser structures with photoluminescence 8-71101
- Monemar, B., Potemski, R.M., Small, M.B., Van Vechten, J.A., Woolhouse, G.R.** Threshold for optically induced dislocation glide in GaAs-AlGaAs double heterostructures: degradation via a new cooperative phenomenon? 8-74911
- Monemar, B., Samuelson, L.** Reevaluation of bandgap and free exciton binding energy of GaP 8-60061
- Monemar, B., Samuelson, L.** Optical transitions via the deep O donor in GaP. I. Phonon interaction in low-temperature spectra 8-87939
- Monemar, B.** see Samuelson, L. 8-87940
- Monemar, B.** see Woolhouse, G.R. 8-75672, 8-83824
- Monet, D.G.** A comment on the solution of binary star orbits: the question of unseen companions 8-93313
- Moneti, G.C.** see Cobb, J.H. 8-62469, 8-89749
- Moneti, G.C.** see Jacobs, S.M. 8-58197
- Mongeau, B.** see Gagne, J.M. 8-86967
- Monger, J.W.H., Richards, T.A., Paterson, I.A.** The Hinterland Belt of the Canadian Cordillera: new data from northern and central British Columbia 8-88825
- Monich, V.A.** see Volkov, G.G. 8-54601
- Monico, J.** see Behar, M. 8-70707
- Monier, J.C.** see Labbe, Ph. 8-59786
- Monigold, G., McDaniel, F.D., Duggan, J.L., Rice, R., Toten, A., Mehta, R., Miller, P.D.** K-shell ionization of elements ^{15}P to ^{28}Ni for 0.4 to 3.8 MeV/amu ^{10}B -ion bombardment 8-95619
- Monin, A.S.** On some global problems of geophysical fluid dynamics 8-96173
- Moniz, E.J.** see Hebel, L.C. 8-54863
- Monkenbusch, M.** see Viehues, H. 8-71797
- Monkhorst, H.J.** see Zivkovic, T.P. 8-62147
- Monllor, C., Bouthinon, M., Baribaud, M.** Electromagnetic wave propagation in a medium with tensorial permeability and conductivity 8-74820
- Monma, H., Kanazawa, T.** Wet-process formation of nonstoichiometric hydroxyapatite from tricalcium phosphate 8-84752
- Monnard, E.** see Pfeiffer, B. 8-78323
- Monnanteuil, N., Depaenmaecker, J.C., Bellet, J., Barbe, A., Secroun, C., Jouve, P., Giorgianni, S., Yan-Shek Hoh, Narahari Rao, K.** Microwave and infrared study of the ν_2 state of $^{16}\text{O}_2$ and identification of the $(\nu_2 + \nu_2) - \nu_2$ band lines at $10\ \mu\text{m}$ 8-82718
- Monnerie, L.** see Jarry, J.P. 8-76516, 8-86320
- Monnerie, L.** see Laupretre, F. 8-55267, 8-56393
- Monnet, G.** see Simien, F. 8-65690
- Monnier, A.M.** Evolution of a theory of electrical excitation of living tissues 8-88703
- Monnier, R., Perdew, J.P.** Surfaces of real metals by the variational self-consistent method 8-56204
- Monnier, R., Perdew, J.P., Langreth, D.C., Wilkins, J.W.** Change-in-self-consistent-field theory of the work function 8-84282
- Monod, P., Hurdequint, H.** Conduction electron spin resonance in palladium 8-91954
- Monosov, Ya.A., Nabokov, P.I., Tulakova, A.A.** Alterable lattices of magnetic domains in optoelectronics 8-63197
- Monosov, Ya.V.** see Buchel'nikov, V.D. 8-76267
- Monosozon, N.A.** see Glukhikh, V.A. 8-55020
- Monot, R.** see Knight, W.D. 8-54504
- Monozon, B.S., Zhilich, A.G.** Diamagnetic excitons and the Franz-Keldysh effect in semiconductors with nonspherical energy bands 8-72554
- Monozon, B.S., Zhilich, A.G.** Many-photon Franz-Keldysh effect in semiconductors with nonparabolic bands in a longitudinal magnetic field 8-92055
- Monreal, F.J.G., Rubio, J.M.G., Munoz, J.M.** An automatic method of analysing gases and multi-component gaseous mixtures 8-76972
- Mons, J.** see Moussa, F. 8-88105
- Mons, R.F.** see Sforza, P.M. 8-51210
- Monsay, E.** see Babcock, J. 8-50057
- Monsay, E.H.** Remarks on single-pion production by the weak neutral current 8-82139
- Monsay, E.H.** see Olsson, M.G. 8-74259
- Monsen, R.B., Engebretson, A.M., Rao Vemula, N.** Indirect assessment of the contribution of subglottal air pressure and vocal-fold tension to changes of fundamental frequency in English 8-92650
- Monsler, M.J.** A fluorescence-pumped selenium photolytic gas laser system for a commercial laser fusion power plant 8-62606
- Monsler, M.J., Maniscalco, J.A.** Concepts for final optics for laser fusion power plants 8-50334
- Monsler, M.J., Maniscalco, J.A.** Optical design considerations for laser fusion reactors 8-82518
- Monsler, M.J.** see Haas, R.A. 8-50819
- Monsler, M.J.** see Maniscalco, J.A. 8-50332
- Monson, P.A., Rigby, M.** Virial equation of state for rigid spherocylinders 8-63836
- Monson, P.A., Rigby, M.** Hard spherocylinder fluids: a Monte Carlo study 8-91208
- Monster, A.W., Chan, H.C., O'Connor, D.** Activity patterns of human skeletal muscles: relation to muscle fiber type composition 8-80869
- Monster, J.** see Rees, C.E. 8-65340
- Mont, B.** du see du Mont, B.
- Montabellio, R.L.** de see de Montabellio, R.L.
- Montagna, M.** see Viliani, G. 8-56460
- Montagnani, M.** see Albertini, C. 8-60966
- Montagnani, R.** see Colle, R. 8-90066, 8-90099
- Montague, B.W.** Single particle dynamics—Hamiltonian formulation 8-78881
- Montague, B.W.** Single-particle dynamics—RF acceleration 8-78883
- Montague, B.W.** see Blechschmidt, D. 8-58510
- Montague, P.** The experimental behaviour of double-skinned, composite, circular cylindrical shells under external pressure 8-75077
- Montague, P.** The failure of double-skinned, composite, circular cylindrical shells under external pressure 8-75078
- Montague, P.M., Urch, D.S.** Determination of the La_{12} and La_{12}X -ray emission spectrum of iron using a photoelectron spectrometer 8-50557
- Montaldi, E.** see Barengi, C.F. 8-71143
- Montaldi, E.** see Casagrande, F. 8-49717
- Montalenti, G.** see Allia, P. 8-91917
- Montanet, L.** see Aguilar-Benitez, M. 8-82228
- Montanet, L.** see Bricean, C. 8-66179
- Montanet, L.** see Cooper, A.M. 8-62465, 8-78205
- Montanet, L.** see Ferrando, A. 8-54650
- Montanet, L.** see Gavillet, P. 8-70409
- Montanet, L.** see Gavillet, Ph. 8-89736
- Montanet, L.** see Hamatsu, R. 8-66141
- Montanet, L.** see Nacach, R. 8-54646
- Montano, P.A.** Matrix isolation studies of bimetallic molecules of transition metals (Fe-Co, Fe-Ni, Fe-Cu) 8-68425
- Montano, P.A.** Erratum: Matrix isolation studies of bimetallic molecules of transition metals (FeCo, FeNi, FeCu) [J. Appl. Phys. 49, 1561 (1978)] 8-88233
- Montano, P.A.** see Russell, P.E. 8-68427, 8-88234
- Montano, P.A.** see Stiller, A.H. 8-83733
- Montasser, S.S.** see Hassan, M.Y.M. 8-89784
- Montebello, R.L.** de see de Montebello, R.L.
- Montecucco, C.** see Azzi, A. 8-69265
- Monteil, J.B., Padel, L., Bernier, J.C.** Structure and crystallisation mechanism of the products obtained by splat quenching in the $\text{BaO} \cdot \text{Fe}_2\text{O}_3$ and $\text{SrO} \cdot \text{Fe}_2\text{O}_3$ systems 8-51426
- Monteiro, A.M.M., Aragao, F.R.F., Acioli, J.L.** π -D neutral reactions 8-54651
- Monteiro, J.H.** see Auzende, J.-M. 8-53632
- Monteiro, S.N., Fonseca, H.** The effect of phase transformation on the tensile fracture of austenitic stainless steel 8-60798
- Montella, C.** see Diard, J.-P. 8-88638
- Montenegro, J.F.D.** see Khan, W.I. 8-91898
- Monterisi, L.** see Calcagnie, G. 8-65195
- Montes, C., Peyraud, J.** Fine diagnostic of laser-created plasmas by induced Compton scattering 8-59673
- Montestruque, L.A., Cobian-Rozak, M.C., Szaloky, G., Zumbro, J.D., Darden, S.E.** Study of the ^{77}Se level structure with the $^{76,78,80,82}\text{Se}(\text{d},\text{p})$ reaction 8-89885
- Montgomery, A.G.** see Hoenig, M.O. 8-50378
- Montgomery, B.** see Weggel, C. 8-50355
- Montgomery, C.G.** Pendulum on a massive cord 8-54121
- Montgomery, C.W., Hurley, P.M.** Total-rock U-Pb and Rb-Sr systematics in the Imataca Series, Guayana Shield, Venezuela 8-96168
- Montgomery, D., Turner, L., Vahala, G.** Three-dimensional magnetohydrodynamic turbulence in cylindrical geometry 8-67351
- Montgomery, D.** see Fyfe, D. 8-49751
- Montgomery, D.B.** see Cohn, D.R. 8-58417
- Montgomery, G.P., Jr.** Temperature dependence of infrared absorption by the water vapor continuum near $1200\ \text{cm}^{-1}$ 8-85687
- Montgomery, H.E., Rubenstein, T.G.** One-electron wavefunctions. Dynamic dipole polarizabilities 8-94330
- Montgomery, H.E., Jr.** One-electron wavefunctions. Dipole polarizabilities 8-70765
- Montgomery, M.D.** see Schwenn, R. 8-57419
- Montgomery, R.M.** see Manocha, A.S. 8-74083
- Montgomery, S.T.** see Chen, P.J. 8-52441
- Montgomery, V., Williams, R.H., Varma, R.R.** The interaction of chlorine with indium phosphide surfaces 8-56036
- Montgomery, V.** see Williams, R.H. 8-91753
- Montgomery, W.** see Solomon, A.I. 8-77806
- Montgomery, W.D.** Phase retrieval and the polarization identity 8-71042
- Montgomery, W.D.** The angular spectrum as an electrical network 8-78867
- Monti, F.** see Canella, G. 8-80702
- Monti, P.** see Bertoluzza, A. 8-80330
- Montillier, J.P.** see Brown, K.H. 8-64877
- Montonen, C.** Ambiguities and breakdown configurations of the unitary gauge 8-93798
- Montreer, J.P.** see Le Montreer, J.P.
- Montreuil, C., Evans, B.J.** Order-disorder, magnetic interactions and corrosion behavior in stable and metastable Fe-Zn alloys 8-68422
- Montrimas, E., Pazera, A.** Drift and localization of injected charges in amorphous and organic lasers 8-91794
- Montroll, E.W.** On the solution of nonlinear rate equations by matrix inversion 8-93520
- Montroll, E.W.** see Hioe, F.T. 8-70014
- Montvay, I.** Multiparticle decays of new heavy particles 8-70344
- Montvay, I., Toth, J.D.** Multimesonic decays of charmonium states in the statistical quark model 8-82171
- Montvay, I., Zimanyi, J.** Hadron chemistry in heavy ion collisions 8-82389
- Monya, V.G.** see Strukov, B.A. 8-95559
- Monzen, R.** see Kato, M. 8-52803
- Moo, W.I.** see Carroll, R.F. 8-54963
- Moo Oh Shin** see Shin Moo Oh
- Moodie, A.F., Humphreys, C.J., Imeson, D., Sellar, J.R.** Convergent-beam diffraction in the Oxford high-voltage electron microscope 8-83674
- Moodie, A.F.** see Hurley, A.C. 8-83663
- Moodie, T.B., Barclay, D.W.** The hypergeometric ansatz in viscoelasticity 8-75090
- Moodie, T.** Bryant see Bryant Moodie, T.
- Moody, D.B.** see Brown, C.H. 8-65038
- Moody, D.B.** see Prosen, C.A. 8-57017
- Moody, N.** see Gerberich, W.W. 8-72876
- Mook, D.E.** see Fillmore, J.A. 8-73790
- Mook, G.A., de Kok, G.W.G., van de Sanden, M.A.J.A., Stevens, P.F.** Further development of an automated catheterization system; calculation of cardiac output and shunts from dye dilution curves 8-81023
- Mook, H.A.** Magnetic excitations in amorphous ferromagnets 8-68204
- Mook, W.G.** see Salomons, W. 8-73368
- Mookerjee, A.** A mean-field effective medium theory of random magnetic alloys. I. The random Ising model 8-84438
- Moon, F.C., Swanson, C.** Experiments on buckling and vibration of superconducting coils 8-63344
- Moon, I.H.** see Won, M.H. 8-60622
- Moon, J.R.** see Leheup, E.R. 8-64645
- Moon, P., Eberle, Spencer, D.** Radiation fields from polygonal sources 8-83060
- Moon, P., Spencer, D.E.** Radiant flux through apertures. I 8-93542
- Moon, P.B., Rettner, C.T., Simons, J.P.** Rotor accelerated molecular beams 8-66686
- Moon, R.L., VanderPlas, H.A.** Transient-mode liquid phase epitaxy of GaAs on InP and AlGaAs on GaP 8-72746
- Moon, R.M., Koehler, W.C., McWhan, D.B., Holtzberg, F.** Induced magnetic form factor of Sm in mixed-valence compounds 8-68163
- Moon Park Yong** see Yong Moon Park
- Moon-Uhn Kim** Slow viscous rotation of a sphere on the axis of a circular cone 8-79326
- Mooney, H.McD.** see Windsor, E.P.L. 8-73551
- Mooney, J.W., Roach, G.F.** Iterative bounds for the stable solutions of convex non-linear boundary value problems 8-54167
- Mooney, L.J.** see Chargin, A.K. 8-54987
- Mooney, P.M., Karins, J., Lee, Y.H., Corbett, J.W., Young, R.T.** Defects in laser damaged silicon observed by DLTS 8-76023
- Mooradian, A.** Tunable IR lasers 8-59030
- Mooradian, A.** Application of laser technology to atmospheric monitoring 8-69520
- Mooradian, A.** Recent advances in laser devices 8-82969
- Moorbath, S.** Age and isotope evidence for the evolution of continental crust 8-65233
- Moorcroft, D.R.** Maximum-entropy spectral analysis of radio-astral signals 8-93006
- Moorcroft, D.R., Tsunoda, R.T.** Rapid scan Doppler velocity maps of the UHF diffuse radar aurora 8-77388
- Moore, A.C., Crawford, D.** Spinodal decomposition in naturally occurring non-cubic spinels 8-72763
- Moore, A.E.** Fluid flow measurement 8-71404
- Moore, B.C.J.** Psychophysical tuning curves measured in simultaneous and forward masking 8-53423
- Moore, B.T.** see Seiler, D.G. 8-84254
- Moore, C.B.** see Douglas, D.J. 8-82817
- Moore, C.B.** see Gaskell, W. 8-73485
- Moore, C.B.** see Winn, W.P. 8-85636
- Moore, C.J.** The effect of shear layer instability on jet exhaust noise 8-94791
- Moore, D., Hisard, P., McCreary, J., Merle, J., O'Brien, J., Picaut, J., Verstraete, J.-M., Wunsch, C.** Equatorial adjustment in the eastern Atlantic 8-88836
- Moore, D.** see Stewart, R.H. 8-77337
- Moore, D.R.** see Graham, E. 8-65605

- Moore, D.T. *see* Johnson, G.W. 8-49894, 8-58022
- Moore, D.W. The equation of motion of a vortex layer of small thickness 8-83414
- Moore, D.W. *see* O'Brien, J.J. 8-88837
- Moore, E.A. The derivation of relativistic corrections to the Hamiltonian for two electrons 8-74586
- Moore, E.B., Calhoun, B.A., Lee, K. Thickness dependence of coercivity in LPE garnet films 8-68324
- Moore, E.B. *see* Menz, W. 8-95497
- Moore, E.G. The determination of personal equation 8-89443
- Moore, E.N. *see* Kronhaus, K.D. 8-92608
- Moore, G. An analysis of the measurement accuracy and validity of results from the charcoal tube sampling technique 8-69508
- Moore, G.E., Coburn, M.E., Fortune, H.T., Mordechai, S., Kollarits, R.V., Middleton, R. 2p-1h states in ^{17}N 8-62548
- Moore, G.E. *see* Fortune, H.T. 8-54674, 8-66287
- Moore, G.E. *see* Mateja, J.F. 8-78266
- Moore, G.E. *see* Mordechai, S. 8-70542
- Moore, H.E., Sibson, R.H. Experimental thermal fragmentation in relation to seismic faulting 8-96160
- Moore, H.W. *see* Rains, L.J. 8-58807
- Moore, I.D., Pendry, J.B. Parametrised, separable potential for band structure calculations 8-79912
- Moore, J.A. An innovation in physics instruction for nonscience majors 8-62002
- Moore, J.A. *see* Fredberg, J.J. 8-57027
- Moore, J.C., Banyard, E.C. Continuum-distorted-wave calculations for electron capture from hydrogen negative ions by fast protons 8-50635
- Moore, J.C. *see* Silver, E.A. 8-61384
- Moore, J.D. *see* Inglesfield, J.E. 8-80037
- Moore, J.E. *see* Bochove, E. 8-83106
- Moore, J.F., Tsang, S. Nondestructive test methods for the early prediction of fatigue damage 8-53170
- Moore, J.H., Coplan, M.A., Skillman, T.L., Jr., Brooks, E.D., III Multichannel (e, 2e) apparatus 8-58872
- Moore, J.H., Sato, Y., Staley, S.W. Energies and relative cross sections of singlet-triplet transitions in methyl-substituted 1,3-butadienes by ion-impact spectroscopy 8-86942
- Moore, J.H. *see* Beatty, E.C. 8-62924
- Moore, J.H. *see* Skillman, T.L., Jr. 8-90049
- Moore, J.M. *see* Eilers, R.E. 8-65048
- Moore, J.M., Jr., Davidson, A. Rift structure in southern Ethiopia 8-61377
- Moore, J.M., Jr. *see* Davidson, A. 8-57326
- Moore, J.R. *see* Uckan, N.A. 8-54892
- Moore, J.V. *see* Bogges, A. 8-96382
- Moore, J.W. *see* Joyner, R.W. 8-53376
- Moore, L.E. *see* Akaike, N. 8-77041
- Moore, M. *see* Kamperman, G.W. 8-83192
- Moore, M.A., Al-Noaimi, G.F. The size of a polymer molecule in semi-dilute solution 8-87607
- Moore, M.A., Bray, A.J. On the Flory formula for the polymer size exponent ν 8-70985
- Moore, M.A. *see* Bray, A.J. 8-95449
- Moore, P. Orbital stable multistep methods 8-85834
- Moore, P.B. *see* Chrichton, R.R. 8-77021
- Moore, P.B. *see* Eley, D.D. 8-87879
- Moore, P.J. *see* Freeman, G.H.C. 8-94457
- Moore, P.W. *see* Schusterman, R.J. 8-69106
- Moore, R. *see* Gudmandsen, P. 8-81419
- Moore, R.A. *see* So, C.B. 8-51866
- Moore, R.J., Clarke, R.T. Some properties of variance reduction techniques where hydrological extremes are estimated by Monte Carlo simulation 8-81244
- Moore, R.K. *see* Parashar, S.K. 8-77266
- Moore, R.L. Further extension of the Gauss-Hertz principle 8-73851
- Moore, R.L. *see* Clements, L.L. 8-68669
- Moore, R.L. *see* Williams, R.E. 8-93253
- Moore, S.C. *see* Jacobs, S.M. 8-58197
- Moore, S.M. Covariant representations of nuclear \ast -algebras 8-58120
- Moore, T.F. *see* Simendinger, E.A. 8-65107
- Moore, T.W., DiMeo, F.N., Dubin, S.E. The effect of shock separation time on multiple-shock defibrillation 8-57053
- Moore, W.H. *see* Struble, G.L. 8-66212
- Moore, W.J.M. *see* McAuliff, R.C. 8-93735
- Moore, W.S. *see* Knauss, K.G. 8-96234
- Moore, W.T. *see* Streeter, R.W. 8-56028
- Moore, W.W. *see* Trolinger, J. (editor) 8-85748
- Moore, D.L. Electron impact ionisation of Li-like and Be-like carbon and nitrogen ions 8-70941
- Moorhead, J.M. *see* Scrimger, J.N. 8-73748
- Moorhead, R.D. *see* Poppa, H. 8-75958
- Moorhouse, T.J., Asher, J., Bennett, D.W., Doubt, H.A., Grace, M.A., Johnston, P.D., Randolph, W.L., Rowe, P.M. A measurement of the g factor and lifetime of the $5.106\text{ MeV } 2^{-}$ state of ^{14}N 8-93965
- Mooring, F.P. *see* Schiffer, J.P. 8-66186
- Mooring, F.P. *see* Sexton, E.H. 8-54759
- Moorjani, K., Ghatak, S.K. Random exchange interactions and the 'frustration effect' 8-68212
- Moorman, H. *see* Kohl, D. 8-60185
- Moorman, J.O. *see* Petersen, T.S. 8-68238
- Moortgat, G.K., Kudsus, E. Mathematical expression for the O (^1D) quantum yields from the O_3 photolysis as a function of temperature (230-320 K) and wavelength (295-320 nm) 8-56903
- Moorwood, A.F.M., Baluteau, J.-P., Anderegg, M., Coron, N., Biraud, Y. Infrared line emission from H II regions. II. Airborne observations of the Orion Nebula, W3, and NGC 7538 8-93353
- Moos, H.W. *see* Lane, A.L. 8-93133
- Moos, H.W. *see* McClintock, W. 8-81620
- Moos, H.W. *see* Mount, G.H. 8-90181
- Moos, H.W. *see* Weiser, H. 8-53867
- Moose, A.E. *see* Ahner, H.F. 8-77773
- Mootez, D. *see* Fenner, J. 8-51504
- Mor, E.D., Beccaria, A.M. Effect of the addition of bromides and iodides on the corrosion of copper in sea water 8-80670
- Mora, A. *see* Virmont, J. 8-59636
- Moraal, H. Ising spin systems on Cayley tree-like lattices: spontaneous magnetization and correlation functions far from the boundary 8-68137
- Morabito, J.J., Purdy, C.M. Introduction to materials consideration for LMFBR components 8-82447
- Morachevskii, N.V. *see* Erokhin, A.I. 8-54446
- Morad, M. *see* Powell, R.J. 8-64421
- Moradi-Araghi, A., Schwartz, M. Raman line shape study of the ν band of chloroform in a polar solvent 8-74705
- Moraitis, G., Gautier, F. Einstein's temperature and vibrational entropy in relation to the electronic structure. II. Dilute alloys of transition and noble metals 8-83900
- Moraldi, M. *see* Mancini, M. 8-62856
- Morales, G.J. Effect of a DC electric field on beam trapping 8-83581
- Morales, M.F. *see* Highsmith, S. 8-53320
- Morales, P. *see* De Santis, A. 8-58706
- Moran, D.M. *see* Matveenko, L.I. 8-69693, 8-69865
- Moran, J.M., Reid, M.J., Lada, C.J., Yen, J.L., Johnston, K.J., Spencer, J.H. Evidence for the Zeeman effect in the OH maser emission from W3 (OH) 8-93377
- Moran, J.M. *see* Genzel, R. 8-61901
- Moran, J.M. *see* Mader, G.L. 8-93355
- Moran, J.M. *see* Rosen, B.R. 8-53949
- Moran, K.P. *see* Gossard, E.E. 8-57271
- Moran, M.J. *see* Shapiro, H.N. 8-94562
- Moran, T.F., Turner, T., Abbey, L.E. The effect of internal excitation on the collision induced dissociation of $\text{I}_2^{+}(\text{I}_2, \nu)$ ions 8-64813
- Moran, T.F., Wilcox, J.B. Charge transfer reactions of ground $\text{C}^{+}(\text{P})$ and excited $\text{C}^{+}(\text{P})$ state ions with neutral molecules 8-58806
- Moran, T.F., Wilcox, J.B. Charge transfer reactions of ground $\text{O}^{+}(\text{S})$ and excited $\text{O}^{+}(\text{D})$ state ions with neutral molecules 8-92462
- Moran, T.F. *see* Cobb, M. 8-78769
- Moran-Lopez, J.L., Bennemann, K.H. On the selective catalytic behaviour of the Cu-Ni alloy surface 8-76924
- Moran-Lopez, J.L., Brouers, F., Bennemann, K.H. Magnetism at the surface of $\text{Cu}_3\text{Ni}_{1-x}$ alloys 8-95511
- Moran-Lopez, J.L. *see* ten Bosch, A. 8-79930
- Morand, C. *see* Tsan Ung Chan 8-74313
- Morandi, C., Spadini, G. Experimental comparison of lifetime-measurement techniques for m.o.s. capacitors 8-56232
- Morandi, N., Poppi, L. Evidence for the inclusion of Al saponite in the chlorite-like group of minerals. II. Thermal analysis and IR spectroscopy 8-88816
- Morando, M. *see* Fortuna, G. 8-62560
- Morando, M. *see* Savelli, C. 8-89843
- Morariu, M. Contributions to the study of magnetic properties of the rare-earth iron intermetallic compounds 8-92007
- Morariu, V.V. Nuclear magnetic resonance investigation of thallium-205 ion adsorbed on hydrated silica 8-72427
- Moras, K. *see* Vener, B. 8-56934
- Morasso, P., Sandini, G., Suetta, G., Tagliasco, V., Vernazza, T., Zaccaria, R. LOGOS: a microprocessor-based device as a writing aid for the motor handicapped 8-81077
- Morato, L.M. A note on fuzzy observables 8-77746
- Moravcsik, M.J. *see* Goldstein, G.R. 8-62120
- Moravec, P. *see* Hoschl, P. 8-76094
- Moravec, T.J., Bernal, G., E. Automation of a laser absorption calorimeter 8-74084
- Moraw, G. *see* Ploumen, P. 8-86631
- Moraw, M., Prasol, H. Leak detection in large vessels 8-74012
- Morawetz, C.S. *see* Kriegsmann, G. 8-89351
- Morawiec, J. *see* Pakula, T. 8-75569
- Morch, K.A. *see* Hansson, I. 8-59435
- Morchenko, A.T. *see* Telesnin, R.V. 8-64247
- Morcos, I. The study of interfacial tension at different solid-liquid interfaces as a function of electric field 8-87845
- Mordechai, S., Fortune, H.T. What is V_{50} for tritons? 8-70540
- Mordechai, S., Fortune, H.T., Moore, G.E., Coburn, M.E., Kollarits, R.V., Middleton, R. Structure of ^{14}C from $^{12}\text{C}(\text{t,p})$ 8-70542
- Mordechai, S. *see* Fortune, H.T. 8-54674
- Mordechai, S. *see* Lafrance, S. 8-93945
- Mordechai, S. *see* Mateja, J.F. 8-78266
- Mordechai, S. *see* Moore, G.E. 8-62548
- Mordkovich, V.N. *see* Kortov, V.S. 8-95383
- Mordoukhovich, M.I. *see* Grachev, A.I. 8-65407
- Morduch, G.E. A formula for computing refraction effects on range measurements 8-73609
- Mordvintsev, V.M., Vishnyakov, B.A. Charge accumulation in the silicon-dioxide-silicon structure during electron bombardment [low energy] 8-64142
- Mordyuk, V.S. *see* Aleksandrov, L.N. 8-63770
- More, M. *see* Odou, G. 8-55939
- Moreadith, F.L. *see* Chen, C. 8-94046
- Moreau, J.P. *see* Besson, J. 8-89461
- Moreau, P. *see* Borghi, R. 8-94853
- Moreau, R., Alemany, A. Experimental results on MHD homogeneous turbulence 8-94845
- Moreau, R. *see* Alemany, A. 8-51248
- Morecki, A., Kedzior, K. (editor) Second CISM/IFTOMM International Symposium on the Theory and Practice of Robots and Manipulators 8-53574
- Moreh, R. *see* Berant, Z. 8-93940
- Moreh, R. *see* Shahal, O. 8-68433
- Morehead, F. Comment on 'Random-walk model of energy transfer in cathodoluminescence' 8-72610
- Morehouse, A.J. The Christmas Star as a supernova in Aquila 8-81781
- Morel, A. *see* Billoire, A. 8-54534, 8-89709
- Morel, B., Quoc-Hung Do Radiative corrections for Ke decay 8-86451
- Morel, N. *see* Alder, J.C. 8-62576
- Morel, P.A. *see* Fehrenbach, P.J. 8-54835
- Morel, R., Awad, M., Schon, J.P., Mathieu, J. Experimental study of an asymmetric thermal wake 8-94741
- Morel-Seytoux, H.J. *see* Illangasekare, T. 8-92873
- Moreland, G., Johnson, R. A technique for preparing a polished thin section from a diamond-containing meteorite 8-65566
- Morell, F. *see* Latsch, K. 8-94525
- Morelli, C., Giese, P., Carozzo, M.T., Colombi, B., Hirn, A., Letz, H., Nicolich, R., Prodehl, C., Reichert, C., Rower, P., Sapin, M., Scarascia, S., Wigger, P. Crustal and upper mantle structure of the Northern Apennines, the Ligurian Sea, and Corsica, derived from seismic and gravimetric data 8-65209
- Morelli, L., Janik, R., Gregory, W.D. Application of the 'Effective Medium' theory to normal-superconducting mixtures 8-60249
- Morelli, L. *see* Boughton, R.I. 8-51970
- Morelli, L. *see* Gregory, W.D. 8-56422
- Morelli, M.A. Bertoluzza *see* Bertoluzza Morelli, M.A.
- Morency, D.G., Soluch, W., Vetelin, J.F., Mittleman, S.D., Harmon, D., Sorek, S., Field, J.C., Lehmann, G. Experimental measurement of the SAW properties of berillite 8-79871
- Moreno, A., Sari, C. Calculation of oxygen distribution in uranium-plutonium oxide fuels during irradiation (Program CODIF) 8-70604
- Moreno, G. Interplanetary shock waves generated by solar flares 8-96377
- Moreno, G. *see* Bavassano, B. 8-77546
- Moreno, G. *see* Bonifazi, C. 8-85805
- Moreno, P., Liu, J., Khan, E., Todreas, N. Steady state thermal analysis of PWRs by a single-pass procedure using a simplified nodal layout 8-50244
- Moreno-Diaz, R. *see* Fernandez-Escartin, V. 8-92621
- Moreno-Insertis, F. *see* Gonzalez-Gascon, F. 8-54159
- Morenzoni, E. *see* Stoller, Ch. 8-70924
- Moreira, J.P. *see* Dei-Cas, R. 8-55760
- Moret, J. *see* Daniel, F. 8-63704
- Moret, J. *see* Falck, L. 8-55845
- Moret-Bailly, J. *see* Michelot, F. 8-82713
- Moretti, A. *see* Brooks, J. 8-70636
- Moretti, A. *see* Dawson, J.W. 8-54896
- Moretti, P., Mesnard, G. Electron microscope study of anodic growths during electrical breakdown conditions in an organic gas 8-75960
- Moretto, L.G. Diffusion model predictions for kinetic energy, mass, angular distributions and γ -ray multiplicities in heavy ion induced reactions 8-54789
- Moretto, L.G. *see* Cauvin, B. 8-70554
- Moretto, L.G. *see* Jared, R.C. 8-55102
- Moretto, L.G. *see* Schmitt, R.P. 8-94024

- Moretto, L.G.** see Wozniak, G.J. 8-50202, 8-62585
- Moreva, N.I.** see Andreeff, A. 8-67996
- Moreva, N.I.** see Bogdanov, T.V. 8-91998
- Moreva, N.I.** see Dvunitkin, V.G. 8-60110
- Morf, M., Vieira, A., Lee, D.T.L., Kailath, T.** Recursive multichannel maximum entropy spectral estimation 8-53735
- Morfill, G.E.** A review of selected topics in magnetospheric physics 8-65466
- Morfin, J.** see Bosetti, P.C. 8-70357
- Morfin, J.** see Krenz, W. 8-54624
- Morgan, A.** see Pitts, D.E. 8-65389
- Morgan, A.E., Werner, H.W.** Molecular versus atomic secondary ion emission from solids 8-68588
- Morgan, B.G., Arnoldy, R.L.** A determination of F region convective electric fields from rocket measurements of ionospheric thermal ion spectra 8-57386
- Morgan, B.L., Beddoes, D.R., Scaddan, R.J., Dainty, J.C.** Observations of binary stars by speckle interferometry. I 8-65656
- Morgan, C.G.** Laser-induced breakdown phenomena 8-75390
- Morgan, D.** see Hey, A.J.G. 8-74228
- Morgan, D.E.** The context of the search for axions 8-66183
- Morgan, D.E., Dirks, D.D., Kamm, C.** The influence of middle-ear muscle contraction on auditory threshold for selected pure tones 8-85319
- Morgan, D.H.** see Nandy, K. 8-93414
- Morgan, D.V.** see Al-Baidhawi, K. 8-56227
- Morgan, D.V.** see Hitchcock, A.H. 8-87576
- Morgan, E.S., Crosse, P.A.E.** The acoustic ranger, a new instrument for tube and pipe inspection 8-85092
- Morgan, F.J.** see Dugan, C.H. 8-55394
- Morgan, J.D., III** The asymptotic behavior of bound eigenfunctions of Hamiltonians for single-variable systems 8-77754
- Morgan, J.M.** see Edwards, D.H. 8-90930
- Morgan, J.P.** see Daniels, M. 8-96015
- Morgan, J.V.S., Overshott, K.J.** The variation of domain wall motion throughout the magnetization cycle in grain-oriented silicon-iron 8-95459
- Morgan, J.W., Higuchi, H., Takahashi, H., Hertogen, J.** A 'chondritic' eucrite parent body: inference from trace elements 8-69755
- Morgan, J.W.** see Takahashi, H. 8-69756
- Morgan, K., Lewis, R.W., Zienkiewicz, O.C.** An improved algorithm for heat conduction problems with phase change 8-75030
- Morgan, K.Z.** see Stillwagon, G.B. 8-78506
- Morgan, L.W.** see Smith, R.W. 8-53283
- Morgan, M.A.** The hollow penetrable body forward scattering anomaly 8-62986
- Morgan, M.G., Calderon, C.H.J., Ballard, K.A.** Techniques for the study of TIDs with multi-station rapid-rum ionosondes 8-93041
- Morgan, M.J.** see Ward, R. 8-73162
- Morgan, P.D.** see Green, M.R. 8-55385
- Morgan, P.D.** see Seigrist, M.R. 8-79003
- Morgan, R.** see McMullan, J.T. 8-71274
- Morgan, R.P.** see Beynon, J.H. 8-56928
- Morgan, T.J., Brateman, L., Dirkse, J.** Energy dependence of correction factors for two models of Keithley diagnostic ion chambers 8-53507
- Morgan, T.J., Eriksen, F.** Double electron capture in $H^+ + Mg$ collisions 8-58777
- Morgan, T.L.** Precise observations of minor planets at Sydney Observatory during 1976 8-69735
- Morgan, V.T., Morrow, R.** Effect of variation of power frequency on the corona characteristics of a heated cylinder in a radial electric field 8-87538
- Morgen, H.** see Schwab, G.-M. 8-64868
- Morgen, P.** see Onsgaard, J.H. 8-72601
- Morgenshtern, V.Ya.** see Gutman, A.M. 8-53432
- Morgenstern, B.** The vibration magnetometer—an equipment for investigating the properties of magnetic recording tapes and for simulating characteristic recording processes 8-70164
- Morgenstern, G.** Electroacoustic electret-slot-effect-transducer 8-75024
- Morgenstern, I., Binder, K., Baumgartner, A.** Statistical mechanics of Ising chains in random magnetic fields 8-77803
- Morgenstern, K.** see Huttner, W. 8-78683
- Morgenthaler, F.R.** Bound magnetostatic waves controlled by field gradients in YIG single crystals and epitaxial films 8-95425
- Morgenthaler, F.R.** see Spreen, J.H. 8-68334
- Morghounov, V.A.** see Chetaiev, D.N. 8-61687
- Morgret, R.** see Griffin, J.A. 8-68484
- Morgret, R.** see Weber, M.J. 8-72542
- Morguleff, N.** see Dumont, T. 8-85949
- Morgulis, L.M.** see Govorkov, A.V. 8-72040
- Morgulis, L.M.** see Grinshteyn, P.M. 8-51681
- Morgulis, T.E., Kuznetsova, A.I., Raikhsbaum, Ya.D.** Spectroscopic determination of metals in waste water 8-61106
- Morgun, V.A.** see Bobrova, G.I. 8-59474
- Morgun, V.N.** see Kopeliovich, A.I. 8-51972
- Morgun, Yu.F.** see Ivlev, G.D. 8-57956
- Morgunov, B.I.** see Medvedev, G.N. 8-73832
- Morgunova, N.N.** Achievements and trends in the development of alloys based on refractory metals 8-95718
- Morhange, J.F.** see Balkanski, M. 8-60467
- Mori, A.** see Amakawa, H. 8-62537
- Mori, C.** see Ishigure, N. 8-51915
- Mori, D.** see Benvenuti, A. 8-82196
- Mori, E., Itoh, K., Imamura, A.** Analysis of a short column vibrator by apparent elasticity method and its application 8-59242
- Mori, E., Yamakoshi, K.** Coupled vibration of a cylindrical shell for radiating high intensity ultrasound 8-59236
- Mori, G.** see Yoshioki, S. 8-64003
- Mori, H., Komiya, Y., Kurokawa, M.** Slow axoplasmic transport: its asymmetry in two branches of bifurcating axons 8-80848
- Mori, H., Niki, H., Nakagomi, E., Ozeki, M.** An experiment in computer screening of gastric barium-filled X-ray films in erect anteroposterior position 8-73211
- Mori, H.** see Mashiya, K.T. 8-81929
- Mori, H.** see Morita, T. 8-54286, 8-75264
- Mori, H.** see Yoshihara, H. 8-88429
- Mori, K., Tamura, H.** The solid ion source by the electron bombardment 8-78035
- Mori, K.** see Fukushima, M. 8-62409
- Mori, K.** see Kasai, S. 8-87492
- Mori, K.** see Muraki, Y. 8-82183
- Mori, K.** see Otsuka, A. 8-52957
- Mori, M.** On Lie algebraic properties of the step operators acting on P or confluent P functions 8-62052
- Mori, M.** Laser printer 8-90446
- Mori, M., Goto, T., Hattori, S.** Population densities of He excited states in a positive column discharge used for the He-Cd⁺ laser 8-58989
- Mori, M., Inoue, N., Nihei, H., Morikawa, J., Nakamura, T., Uchida, T.** Computer simulation of ion extraction 8-86680
- Mori, M., Murayama, M., Goto, T., Hattori, S.** Excitation mechanism of the Cd(II) 441.6 nm laser in the positive column He-Cd discharge 8-58983
- Mori, M., Noda, Y., Yamada, Y.** Successive Jahn-Teller phase transitions in Cs₂PbCu(NO₃)₆ 8-95154
- Mori, M.** see Miyazawa, Y. 8-59772
- Mori, M.** see Noda, Y. 8-79730, 8-91438
- Mori, M.** see Shimomura, O. 8-87647
- Mori, N., Ozaki, H.** Influence of non-magnetic localized states at an interface on the superconducting proximity effect 8-64170
- Mori, N., Watanabe, T.** Pressure effects on the magnetic transition temperatures of NiS₂ 8-91866
- Mori, S.** The interferometer using a filamentary spatial filter and its application to phase measurement 8-49890
- Mori, S.** Multipass interferometer using a filamentary spatial filter 8-77975
- Mori, S.** Measurement of optical path difference by means of the double diffraction interferometer 8-82025
- Mori, S.** Elution behavior of some solutes on a porous polystyrene gel in high performance liquid chromatography 8-92524
- Mori, S.** see Munakata, Y. 8-93057
- Mori, T.** A model of neural mechanism extracting relative motion [visual perception] 8-56987
- Mori, T.** Psychological experiment with respect to the stability of the Johansson effect 8-96049
- Mori, T., Cheng, P.C., Kato, M., Mura, T.** Elastic strain energies of precipitates and periodically distributed inclusions in anisotropic media 8-84810
- Mori, T., Mura, T.** Calculation of back stress decrease caused by climb of Orowan loops in a dispersion hardened alloy 8-83812
- Mori, T., Yamada, T., Tanaka, R., Tanaka, T.** Heterogeneous network polymers from partially hydrolyzed poly(γ -methyl D-glutamate) and poly(oxyethylene glycol) 8-95002
- Mori, T.** see Eto, T. 8-52809
- Mori, T.** see Iwase, M. 8-75851
- Mori, T.** see Kasuga, Y. 8-84841
- Mori, T.** see Kato, M. 8-52803
- Mori, T.** see Kotera, R. 8-52962
- Mori, T.** see Koyama, Y. 8-74989
- Mori, T.** see Makabe, T. 8-67549
- Mori, T.** see Shiratori, M. 8-68793
- Mori, T.** see Tanaka, Y. 8-52810
- Mori, T.** see Yamaguchi, K. 8-68321
- Mori, T.** see Yukutake, T. 8-96127
- Mori, Y., Hijikata, K., Kuriyama, I.** Experimental study of bubble motion in mercury with and without a magnetic field 8-91021
- Mori, Y., von der Weid, J.P., Aegeerter, M.** Optical detection of spin relaxation processes in the triplet state of the self trapped exciton in alkali halides 8-60358
- Mori, Y.** see Hanada, S. 8-95745
- Mori, Y.** see Hikida, T. 8-53193, 8-80773
- Mori, Y.** see Hirasawa, S. 8-95148
- Mori, Y.** see Hirata, M. 8-79314
- Mori, Y.** see Miyazawa, Y. 8-83760, 8-95690
- Mori, Y.** see Okazaki, K. 8-71547
- Mori, Y.** see Tamura, N. 8-54641
- Mori, Y.** see Watanabe, K. 8-87244
- Mori, Y.** see Watanabe, T. 8-91950
- Mori, Y.** see Yabe, A. 8-71561, 8-94873
- Mori, Y.** see Yagi, S. 8-62849
- Moriarty, J.A.** see Esterling, D.M. 8-75669
- Moriarty, J.A.** see Sher, A. 8-62223
- Moriarty, K.J.M., Tabor, J.H., Ungkitchanukit, A.** Absorption corrections in the inclusive production of pseudoscalar mesons in the triple-Regge region 8-78228
- Moriarty, K.J.M., Tabor, J.H., Ungkitchanukit, A.** Absorption corrections in the one-particle-inclusive production of vector mesons in the triple-Regge region 8-93867
- Moriarty, K.J.M.** see Ardill, R.W.B. 8-89321
- Moriceau, M.** see Esposito, B. 8-66132
- Moriceau, H.** see Ferrand, B. 8-91910
- Moridi, G.R., Hogarth, C.A., Hogarth, C.A.** Further studies of memory switching in copper-calcium-phosphate glass devices 8-56192
- Moriette, P.** see Adam, J. 8-71473
- Morigaki, K., Dunstan, D.J., Cavenett, B.C., Dawson, P., Nicholls, J.E., Nitta, S., Shimakawa, K.** Optically detected electron spin resonance in amorphous silicon 8-84500
- Moriggi, S.** see Baldini-Celio, R. 8-89724
- Morigi, G.** see Atrashkevich, V.B. 8-93061
- Morigi, G.** see Inzani, P. 8-77489
- Morigi, G.** see Mandolesi, N. 8-65717
- Morigi, G.** see Palumbo, G.G.C. 8-69890
- Moril, K., Mera, M., Nakayama, Y.** Changes in orientation of (211) [111] single crystals of 70/30 brass during rolling 8-60712
- Moriri, T.** Precision energy measurement of gamma rays of ⁵¹Cr, ¹⁰³Ru, ¹⁰⁹Cd, ¹⁴⁴Ce and ²⁰³Hg 8-58533
- Morikawa, H., Suzuki, T., Terao, T., Yashiro, Y.** FIM observation of an iron deposited tungsten tip 8-79904
- Morikawa, H.** see Irumata, A. 8-85737
- Morikawa, H.** see Miyake, M. 8-83784
- Morikawa, H.** see Nukui, A. 8-67651
- Morikawa, J.** see Mori, M. 8-86680
- Morikawa, K., Kayano, H.** Multiple-reflection-type light modulator by Kerr magneto-optic effect in thin magnetic films 8-79110
- Morikawa, K., Sasaki, T.** Response function method for solving Dirichlet's problems. II. Fast calculation of the solutions 8-86119
- Morikawa, M.** see Mochizuki, T. 8-74923
- Morikawa, T.** see Minowa, J. 8-90603
- Morikawa, Y.** see Itoh, N. 8-63778
- Morike, M., Staudt, G., Weng, F.** (n, α) reactions on light nuclei at $E_n = 13.9$ MeV 8-78387
- Morillon, C.** see Camus, P. 8-70806
- Morimiya, O.** see Yamato, H. 8-54972
- Morimoto, H.** see Nakanishi, N. 8-76695
- Morimoto, J.** Cu₂S-CdS heterojunction characteristics and chemical etching of CdS single crystals 8-80048
- Morimoto, J.** Auger electron spectroscopy of CdS single crystal surfaces 8-88008
- Morimoto, K., Shimomura, K., Yoshida, M.** Spin-lattice relaxation of dipolar energy in ammonium salts 8-76333
- Morimoto, K.** see Hiramatsu, S. 8-90046
- Morimoto, K.** see Isagawa, S. 8-86708
- Morimoto, M.** see Fukui, Y. 8-73750
- Morimoto, M.** see Kuramoto, Y. 8-63984
- Morimoto, M.** see Obara, M. 8-79013
- Morimoto, T.** see Furuyama, S. 8-82755, 8-84051
- Morimoto, T.** see Nagao, M. 8-84052
- Morimoto, T.** see Tsutsumi, M. 8-91923
- Morimura, M.** Extreme measurements and null experiments 8-77830
- Morimura, M., Iizuka, K.** Unified representation of the performance of measuring instruments. I 8-70090
- Morin, D.** see Sapriel, J. 8-76477
- Morin, D.** see Torres, J. 8-92252
- Morin, F.** see Le Contelec, M. 8-84310
- Morin, P., Rouchy, J., Schmitt, D.** Cooperative Jahn-Teller effect in TmZn 8-67998
- Morin, P., Schmitt, D.** Magnetoelastic and quadrupolar couplings in ErZn and HoZn 8-52328
- Morin, P.** see Berthier, Y. 8-84180
- Morin, P.** see Pierre, J. 8-72341
- Morin, P.** see Schmitt, D. 8-72328
- Morin, R.L.** see Brookeman, V.A. 8-92704
- Morinaga, A., Tanaka, K.** Stabilization of a complex resonator He-Ne laser 8-55374
- Morinaga, H.** A study of the sintering effect on ultrafine silver particles by means of positron annihilation 8-95615
- Morinaga, K.** see Kawahara, M. 8-75857
- Morino, L.** Steady, oscillatory and unsteady, subsonic and supersonic aerodynamics (SOUSSA) for complex aircraft configurations 8-71352
- Morino, S., Limpisvasti, S., Seng-Lip Lee** Inelastic stability of diagonal braces in building frames 8-75083

- Morinobu, S.** *see* Ikegami, H. 8-50065, 8-54731
- Morioka, N., Shimizu, T.** Transition between turbulent and periodic states in the Lorenz model 8-71317
- Morioka, N.** *see* Shimizu, T. 8-57787
- Morioka, S., Ueda, T.** The photon circular polarisation in the $np \rightarrow dy$ process and the deuteron P state arising from the small component of the Dirac spinor 8-70390
- Morioka, S., Ueda, T.** A relativistic effect of deuteron on the photon circular polarization in $np \rightarrow dy$ process 8-93900
- Morioka, T.** *see* Tanabe, A. 8-50279
- Morioka, Y., Masuko, H., Nakamura, M., Sasamura, M., Ishiguro, E.** Absorption spectrum and absorption coefficients of NO₂ in the vacuum ultraviolet region 8-70846
- Morioka, Y.** *see* Konishi, S. 8-62796
- Morioka, Y.** *see* Masuko, T. 8-66731
- Morishita, H.** *see* Moriyama, F. 8-89163
- Morishita, K., Kumagai, N.** Systematic derivation of variational expressions for electromagnetic and/or acoustic waves 8-93536
- Morita, A.** On nonlinear dielectric relaxation 8-60389
- Morita, A.** *see* Paranjape, B.V. 8-72077
- Morita, H.** *see* Enomoto, T. 8-64749
- Morito, H.** *see* Kato, I. 8-53575
- Morita, H.** *see* Shibata, T. 8-54969
- Morita, K.** Study on rain rate distribution 8-92934
- Morita, K., Hara, N., Mitsushima, Y.** Life time of inner-shell vacancies of projectile and recoiled ions in solids 8-82831
- Morita, K., Higuti, I.** Statistical studies on rain attenuation and site diversity effect on Earth to satellite links in microwave and millimeter wavebands 8-88892
- Morita, K., Sakashita, S.** Off-center point explosion in a spheroid 8-63450
- Morita, K.** *see* Mitsushima, Y. 8-88365
- Morita, M., Iwakura, C., Tamura, H.** The anodic characteristics of modified Mn oxide electrode: Ti/RuOx/MnOx 8-68897
- Morita, M., Nishimura, M., Ohtsubo, H., Yamane, J.** Beta-gamma angular correlation from oriented nuclei in G-parity nonconservation 8-54723
- Morita, M.** *see* Takai, K. 8-68822
- Morita, N., Kano, S., Shimizu, T.** Double and triple resonance studies of rotational relaxation in NH₃-He and NH₃-H₂ collisions 8-66570
- Morita, N., Kano, S., Shimizu, T.** Effect of coherent transients on time-resolved four-level double resonance signals 8-78732
- Morita, N., Kano, S., Shimizu, T.** Double and triple resonance studies of rotational relaxations in NH₃-He and NH₃-H₂ collisions 8-90196
- Morita, S., Noguchi, T., Mikoshiba, N.** Peak shifts of the photo-induced magnetophonon resonance in n-InSb at 4.2K 8-84250
- Morita, T., Mori, H., Tokuyama, M.** A scaling method for deriving kinetic equations from the BBGKY hierarchy 8-54286
- Morita, T., Mori, H., Tokuyama, M.** Kinetic equations of dilute electron plasmas in the coherent region 8-75264
- Morita, T.** *see* Horiguchi, T. 8-60346
- Morita, T.** *see* Kobashi, H. 8-80720
- Morita, T.** *see* Shizuka, S. 8-74694
- Morita, Y., Egashira, S., Fujita, H., Nomura, Y.** Radiation characteristics of a three-ring antenna for electron plasma waves 8-91107
- Moritake, K.** *see* Sato, M. 8-53437
- Moritani, A., Kubo, H., Nakai, J.** Anodization of layered semiconductors: A method to count the number of layers 8-76776
- Moritani, A.** *see* Tachi, S. 8-84088
- Moritz, E.** Acoustical activity in liquid crystals 8-83880
- Moritz, G.** *see* Duren, R. 8-62888
- Moritz, W.** Low-energy electron diffraction from disordered surfaces 8-84074
- Moriya, K., Ogawa, T.** Observation of growth defects in synthetic quartz crystals by light-scattering tomography 8-71743
- Moriya, T.** Temperature-induced local magnetic moment in narrow band electron systems 8-76221
- Moriya, T.** Quark and lepton mass hierarchy in a modified SU(3) × U(1) model 8-89653
- Moriya, T., Takahashi, Y.** Spin fluctuation theory of itinerant electron ferromagnetism—A unified picture 8-80151
- Moriya, Y., Ato, Y., Miyagawa, S.** Sensitivity in light element analysis by 2 MeV and 150 keV proton and photon induced X-rays 8-53295
- Moriya, Y., Ato, Y., Miyagawa, S.** Impact parameter dependence of inner-shell Coulomb ionization probability by heavy charged particles. I. K-shell ionization probability by protons 8-86945
- Moriyama, F., Morishita, H., Mizugaki, K.** High resolution H_α observations of solar active regions 8-89163
- Moriyama, J.** *see* Kayahara, Y. 8-64529
- Moriyama, J.** *see* Ono, K. 8-59972
- Moriyasu, K.** Gauge invariance rediscovered 8-49595
- Moriyasu, K., Burnett, T., Holmgren, D., Lubatti, H.J., Rees, D., Swider, G., Yuldashev, B., Dziunikowska, K., Eskreys, A., Eskreys, K., Gula, A., Kisielewska, D., Rudnicka, H., Stopa, P., Ko, W., Lander, R.L., Pearson, J.S., Pellett, D., Yager, P., Abramowicz, H., Bardadin-Ottowinska, M., Gokiel, R., Sinapius, G., Szepteyka, M., Wroblewski, A., Zieminski, A.** Multiplicity distributions and double-scattering effects in π -d interactions at 360 GeV/c 8-66165
- Moriyasu, K.** *see* Burnett, T.H. 8-89853, 8-89854
- Moriyasu, K.** *see* Yuldashev, B.S. 8-62575
- Moriyoshi, Y., Komatsu, W.** A method for obtaining surface diffusion coefficients from initial sintering data 8-95713
- Moriyoshi, Y., Shirasaki, S., Eung Sang Lee, Takahashi, K., Isobe, M., Tsutsumi, M.** Segregation of Li₂O at the grain boundaries of zinc oxide 8-64513
- Moriyoshi, Y., Tsutsumi, M., Matsuda, S., Ikegami, T., Yamamura, H., Shirasaki, S.** Welding of magnesium oxide single crystals by H₃PO₄ 8-56796
- Morjan, I.** *see* Apostol, D. 8-75428
- Morkovin, M.V.** Instability, transition to turbulence and predictability 8-87332
- Morkovin, M.V.** *see* Saxena, L.S. 8-75164
- Morkowski, J.** On the broadening of the spin-wave resonance lines in ferromagnets by displacements 8-64275
- Morlet, M.** *see* Tatischeff, B. 8-82345
- Morlet, M.** *see* Willis, A. 8-50184
- Morlin, Z.** *see* Foldvari, I. 8-92097
- Morlot, G.** *see* Aubry, J.P. 8-76507, 8-92059
- Moro, G., Nordio, P.L., Segre, U.** Heisenberg exchange between unlike free radicals 8-84490
- Morohashi, S., Nomura, M., Sawahata, Y.** Effect of surface roughness on formation of ultra fine powders by a rotating friction mill 8-95709
- Moroi, Y.** *see* Humphry-Baker, R. 8-95598
- Moroishi, T.** *see* Yukitoshi, T. 8-54834
- Morokhovets, M.A.** *see* Yurova, E.S. 8-60138
- Moromisato, J.** *see* Oliver, W.P. 8-89857
- Moron, J.W.** *see* Wencsek, H. 8-88141
- Moroni, A.** *see* Gadioli, E. 8-94042
- Moroni, W.** *see* Endres, H. 8-55860, 8-63741
- Moroni, W.** *see* Nothe, D. 8-80192
- Morosanu, C.-E., Soltuz, V.** Kinetics and properties of chemically vapour-deposited tungsten films on silicon substrates 8-91570
- Morosin, B.** Molecular configurations of the N-hydro-N'-methylphenazinium cation (HMP⁺) 8-62938
- Morosin, B.** *see* Fritz, I.J. 8-91327
- Morosan, H., Nowakowski, J., Schechter, M.** Enhanced lymphocyte-mediated killing of tumour cells after tumour irradiation in vivo 8-77086
- Morosan, H., Schechter, M.** Enhanced cytotoxic reactivity of rat splenic cells after lethal or sub-lethal whole-body X-irradiation 8-85343
- Moroto, S.** *see* Watanabe, A. 8-75913
- Morov, V.A.** *see* Cherskii, I.N. 8-68720
- Morovic, T.** *see* Kolb, D. 8-50211
- Morovic, T.** *see* Lutz, H.O. 8-78793
- Morowitz, H.J.** *see* Nagle, J.F. 8-96035
- Moroz, A.P.** *see* Eliseeva, V.I. 8-53015
- Moroz, I.A.** *see* Bryukhanov, A.A. 8-52846
- Moroz, P.E.** Calculation of threshold fields for microwave breakdown of nanosecond duration in inert gases 8-94948
- Moroz, V.I.** *see* Abdvaliev, A. 8-58290
- Morozhenko, N.N.** Radiation transfer in prominences with filamentary structure 8-89154
- Morozov, A.G.** Self-suppression of Jeans' instability in a rotating gravitating disk 8-93422
- Morozov, A.M., Nikolaev, V.A., Parshin, A.M., Rybin, V.V.** Temper brittleness of Cr-Mo-V steel 8-52986
- Morozov, A.M.** *see* Bakhshieva, G.F. 8-79082
- Morozov, A.S.** *see* Ivanova, V.M. 8-85067
- Morozov, B.** *see* Gross, D. 8-70410
- Morozov, B.S.** *see* Bunin, L.A. 8-56664
- Morozov, E.M., Smirnov, V.P., Klimov, V.V., Solov'ev, S.N.** The antiferro-ferroelectric transition in lead zirconate with small amounts of added titanium and germanium 8-95565
- Morozov, E.M.** *see* Markochov, V.M. 8-56829
- Morozov, E.V., Murulin, A.P., Baranov, E.A., Shcherbinin, V.E., Vorob'ev, P.V.** Crack monitoring in electrically welded tubes 8-53080
- Morozov, P.T., Stamenov, D.B.** Deep inelastic lepton hadron scattering in massive vector gauge models 8-89720
- Morozov, V.G.** *see* Aleksandrov, V.V. 8-92473
- Morozov, V.I.** *see* Kosvintsev, Yu.Yu. 8-78542
- Morozov, V.N.** Theory of holograms formed using a coded reference beam 8-50739
- Morozov, V.N., Petrov, A.L., Skorobogatova, L.A.** Infrared spectroscopic investigation of some properties of (InAs)_{1-x}(CdTe)_x semiconducting solutions with $x < 0.33$ 8-56491
- Morozov, V.N.** *see* Malov, A.N. 8-50715
- Morozov, V.P.** *see* Molchanov, A.A. 8-53761
- Morozov, V.P.** *see* Morozova, N.K. 8-55161
- Morozov, V.S.** *see* Angelov, A.I. 8-71020
- Morozov, Yu.G.** *see* Dukhovskoi, E.A. 8-52143
- Morozov, Yu.G.** *see* Kostyov, A.N. 8-60317
- Morozov, Yu.N.** *see* Bazuev, G.V. 8-72335
- Morozova, E.A., Sokolovskaya, A.I.** Spectral splittings of stimulated Raman scattering 8-50860
- Morozova, I.A.** *see* Vidro, G.I. 8-60525
- Morozova, I.N., Yakkind, A.K.** An IR-spectroscopy study of the structure of lithium tellurite glasses 8-68516
- Morozova, N.K., Dyshlis, A.A., Morozov, V.P.** Use of the spatial matrix method in anharmonic potential theory 8-55161
- Morozova, N.P.** *see* Batalov, Yu.V. 8-55312
- Morozova, P.V.** *see* Boos, E.G. 8-62530
- Morozova, S.G.** *see* Basov, Yu.G. 8-71114
- Morozova, V.M.** *see* Mikheev, M.N. 8-73007, 8-88613
- Morozumi, S.** *see* Sakurai, S. 8-52843
- Morozumi, S.** *see* Yano, S. 8-68700
- Morray, J.P.** *see* Kausel, E. 8-79216
- Morreuev, J.P., Saillard, Y.** Optimal isentropic compression of an initially uniform and stationary sphere: a reversed-time numerical method 8-79446
- Morrell, G.O.** *see* Gray, J.C. 8-80733
- Morrell, J.A.** *see* Swofford, R.L. 8-77999
- Morrelli, C.** Eastern Mediterranean: geophysical studies and implications 8-69311
- Morrey, B.F.** *see* Chao, E.Y. 8-69129
- Morris, A.** *see* Dyke, J. 8-50577
- Morris, A.W., Mantoura, R.F.C., Bale, A.J., Howland, R.J.M.** Very low salinity regions of estuaries: important sites for chemical and biological reactions 8-81199
- Morris, C.L.** A method of improving position resolution obtained from delay-line readouts of MWPC 8-74543
- Morris, C.L.** *see* Hoffmann, G.W. 8-62674
- Morris, C.L.** *see* Zeidman, B. 8-58308, 8-58309
- Morris, D.** Chromatism in radio telescopes due to blocking and feed scattering 8-73630
- Morris, D.** Time-dependent frequency shifts in the hydrogen maser 8-89457
- Morris, D., Radhakrishnan, V., Shukre, C.S.** Three proposed pulsar/supernova remnant associations and their possible origin in close binary systems 8-85965
- Morris, D.** *see* Baker, J.R. 8-77611
- Morris, D.F.C., Ritter, T.J.** Reduction of hexachloroindate(IV) with borohydride 8-76854
- Morris, D.G.** Creep in type 316 stainless steel 8-64583
- Morris, D.G.** Anelasticity and creep transients in an austenitic steel 8-84880
- Morris, D.P., Morris, J.G.** A crystallographic and magnetic study of Au-Mn alloys in the equiatomic region 8-52755
- Morris, D.R.** *see* Chao, J.T. 8-85118
- Morris, E.C., Jones, K.L., Berger, J.P.** Location of Viking 1 lander on the surface of Mars 8-65479
- Morris, G.A., Freeman, R.** Selective excitation in Fourier transform nuclear magnetic resonance 8-77953
- Morris, G.A., Jr., Wilck, H.C.** JPL 2²⁰ channel 300 MHz bandwidth digital spectrum analyzer 8-73642
- Morris, G.B.** Depth dependence of ambient noise in the northeastern Pacific Ocean 8-88840
- Morris, H.M.** Pressure measurement: a wide view of a wider subject 8-86249
- Morris, J.B., Boulton, K.A., Dalton, J.T., Delve, M.H., Gayler, R., Herring, L., Hough, A., Marples, J.A.C.** Durability of vitrified highly active waste from nuclear reprocessing 8-54852
- Morris, J.G.** Concerning the hypothesis of thermally-activated deformation 8-72820
- Morris, J.G.** *see* Morris, D.P. 8-52755
- Morris, J.H.** *see* Levatter, J.L. 8-63125
- Morris, J.M.** *see* Robinson, G.W. 8-58051, 8-86350
- Morris, J.R., Collins, R.A., Dearnaley, G.** The influence of ion implantation on the thermal oxidation of copper 8-64768
- Morris, J.R.** *see* Fleck, J.A., Jr. 8-55415, 8-71018
- Morris, J.V., Coakley, W.T.** Detection of ultrasonic cavitation emissions from insonated plant tissues 8-59185
- Morris, J.V.** *see* Albrow, M.G. 8-58214
- Morris, J.V.** *see* Alper, B. 8-70414
- Morris, J.V.** *see* Brodbeck, T.J. 8-58261
- Morris, J.W., Jr., Brewer, L., Cost, J.R., Shewmon, P.** Phase transformations, stability and materials interactions 8-88444

- Morris, J.W., Jr. see Fultz, B. 8-82595
 Morris, J.W., Jr. see Hanson, K. 8-71742, 8-87640
 Morris, J.W., Jr. see Pundarik, E.S. 8-88472
 Morris, K. see Petley, B.W. 8-50840
 Morris, L.E. see McElwain, D.L.S. 8-96027
 Morris, M., Lo, K.Y. A study of CO emission from two Sd galaxies: IC 342 and NGC 6946 8-89250
 Morris, M.D. see Ritz, G.P. 8-86341
 Morris, P.G. Multipulse NMR in solids and liquid crystals 8-72424
 Morris, P.G. see Jasinski, A. 8-76328
 Morris, P.R. see Wecker, S.M. 8-75914
 Morris, R.D. see Ehrenberg, J.E. 8-83176
 Morris, R.H. see Ferguson, J.B. 8-94404
 Morris, S.J. see Brown, J.M. 8-61225
 Morris, T.F. Non-dissipative character of solutions of a class of nonlinear Klein-Gordon equations 8-62361
 Morris, T.F. Class of nonlinear Klein-Gordon equations with localised solutions 8-89620
 Morris, T.W. see Etkin, A. 8-89743
 Morris, V.J., Jennings, B.R. Reduced electric dipole moments and polarizabilities of rigid colloids from electric birefringence data 8-95958
 Morris, W.A., Carmichael, C.M. Paleomagnetism of some late Precambrian and lower Paleozoic sediments from L'Adair de Mauritanie, West Africa 8-65178
 Morris, W.A., Tanczyt, E.I. A preferred orientation of intrusion of Precambrian dykes 8-88829
 Morris, W.A. see Lapointe, P.L. 8-65181
 Morris, W.G. see Shilling, J.W. 8-56343
 Morris, W.L. see Buck, O. 8-90562
 Morrish, A.H. see Boumford, C. 8-52241
 Morrison, D. see Dollfus, A. 8-53848
 Morrison, D.R.O. see Bartke, J. 8-66169
 Morrison, D.R.O. see Bockmann, K. 8-93912
 Morrison, D.R.O. see Bosetti, P.C. 8-70357
 Morrison, D.R.O. see Grassler, H. 8-62466
 Morrison, D.R.O. see Kirk, H.G. 8-82252
 Morrison, D.R.O. see Laven, H. 8-66163
 Morrison, D.R.O. see Otter, G. 8-82251
 Morrison, D.R.O. see Schmitz, P. 8-62467
 Morrison, G.E. see Gossard, E.E. 8-57271
 Morrison, G.H. see Ganjei, J.D. 8-61070
 Morrison, G.H. see Nadkarni, R.A. 8-80815
 Morrison, G.H. see Rudat, M.A. 8-73100
 Morrison, I., Smith, R., Nesci, P., Amos, K. Low excitation structure of ^{18}O 8-70452
 Morrison, I. see Amos, K. 8-54753, 8-82300
 Morrison, I. see Brandenburg, R.A. 8-82278
 Morrison, I. see Linard, B.J. 8-74326
 Morrison, J., Sargent, C.M., Embury, J.D. The shape of creep curves 8-79232
 Morrison, J.A. see White, M.A. 8-75844
 Morrison, J.A. see Wilson, L.O. 8-56429
 Morrison, J.D. see McGilvery, D.C. 8-66611, 8-66612, 8-82071
 Morrison, J.R. see Caldwell, D.O. 8-54635
 Morrison, L.C. Stereoscopic localization with the eyes asymmetrically converged 8-56985
 Morrison, M.A., Collins, L.A. Exchange in low energy electron-molecule scattering: Free-electron-gas model exchange potentials and application to e-H_2 and e-N_2 collisions 8-58824
 Morrison, M.A., Greene, A.E. Electron cooling by excitation of carbon dioxide 8-57481
 Morrison, N.D., Conti, P.S. Spectroscopic studies of O-type binaries. IV. HD 165052 and HD 167771 8-93308
 Morrison, N.D., Linsky, J.L. Photospheric models of solar active regions and the network based on the Mg II h and k line wings 8-57518
 Morrison, N.D. see Linsky, J.L. 8-96475
 Morrison, R.J. see Chen, B. 8-94453
 Morrison, S.R. Study of semiconductor using electrochemical techniques 8-95356
 Morrison, T.P. see Simister, D.N. 8-70424
 Morrissey, D.J. see Otto, R.J. 8-70565, 8-74390
 Morrissey, S.P. see Dreher, P.A. 8-61966
 Morrissey, J.H. see Coates, D. 8-51415, 8-91236
 Morrisy, J.H. see Coates, D. 8-83725
 Morro, A. Linear effects in apolar viscoelastic dielectrics 8-67059
 Morrow, D.L. see Copeland, R.L. 8-58506
 Morrow, D.R. see Sauer, J.A. 8-52968
 Morrow, D.W., Mayers, I.R. Simulation of limestone diagenesis—a model based on strontium depletion 8-73358
 Morrow, H. see Lytle, J.D. (editor) 8-59112
 Morrow, J., Tither, G. Molybdenum in intercritically annealed dual-phase steel strip 8-84858
 Morrow, R. see Morgan, V.T. 8-87538
 Morrow, W.M. see Johnson, T.E. 8-94045
 Mors, P.M., Herscovitz, V.E., Jacob, G. Analysis of distortion in momentum distributions obtained from quasi-free (p,p) processes 8-54762
 Morsch, H.P. see Dudek-Ellis, A. 8-82377
 Morsch, H.-P. Monopole excitations in nuclei 8-86471
 Morse, A., Kilmer, W. A neural net capable of competitive and cooperative computation 8-92609
 Morse, M.D. see Band, Y.B. 8-62860
 Morse, R. see Smith, J.G. 8-82190
 Morse, R.L., Pearlman, J.S. Impact of truncated Maxwellian electron velocity distribution on ion expansions from laser irradiated targets 8-51326
 Morse, R.L. see McCrory, R.L., Jr. 8-58475
 Morse, R.L. see Pearlman, J.S. 8-67385
 Morse, W.L. The dishonest method in stream temperature modeling 8-81454
 Morse, W.M., Lai, K.-W., Larsen, R.C., Lee, Y.Y., Leipuner, L.B., Lowenstein, D.I., Grannan, D.M., Adair, R.K., Kasha, H., Kellogg, R.G., Lauterbach, M.J., Schmidt, M.P. Properties of prompt muons produced by 29 GeV proton interactions 8-89858
 Morsi, S.E. see Ebeid, E.-Z.M. 8-84637
 Mortara, D.W. Digital filters for ECG signals 8-85428
 Morte, R.D. la see la Morte, R.D.
 Mortel, H. The development of the microstructure of fast fired (2h) porcelain 8-60625
 Mortell, M.P. see Seymour, B.R. 8-63222
 Mortensen, C.E. see Johnston, M.J.S. 8-92802
 Mortensen, J.D. Safety and efficacy of extracorporeal blood oxygenators: A review 8-77153
 Mortensen, K. see Jacobsen, C.S. 8-91683
 Mortensen, W.K. Microcomputer-based pellet trajectory guidance system for the Baseball II-T experiment 8-62623
 Mortera, C. see Boccuzzi, F. 8-92063
 Mortuara, A.J., Roy, O.Z., Trollope, B.J., Taichman, G.C., Keon, W.J. The effects of ultrasound on the mechanical properties of rat cardiac muscle 8-96062
 Mortimer, M. see Boden, N. 8-76350, 8-88223
 Mortimer, M.J. see Blaise, A. 8-84399
 Mortimer, Z. Discussion on 'Gravity vertical gradient measurements for the detection of small geologic and anthropogenic forms' by Z.J. Fajkiewicz 8-61575
 Morton, A.H., Srinivasacharya, K.G. Spectroscopic observation of LT-3 Tokamak plasma at disruptive instability 8-87483
 Morton, A.J. Faulted defects in γ -brass-type alloys 8-63777
 Morton, D.C. Interstellar absorption lines in the spectrum of zeta Puppis 8-65665
 Morton, D.C. Mass loss from stars 8-69786
 Morton, D.C. The unidentified interstellar lines in zeta Ophiuchi 8-93212
 Morton, D.C. see Dupree, A.K. 8-96569
 Morton, D.W. see Kazmerski, L.L. 8-67928
 Morton, D.W. see Sun, L.Y. 8-72621
 Morton, J. see Amos, K. 8-54753
 Morton, J.M. see McCoy, D.G. 8-90235
 Morton, J.R., Preston, K.F. Atomic parameters for paramagnetic resonance data 8-91956
 Morton, J.R., Preston, K.F., Strach, S.J. The EPR spectrum of SF_3 trapped in SF_3BF_4 crystals 8-91955
 Morton, J.R. see Boate, A.R. 8-68381, 8-72411
 Morton, K., Watson, P. The influence of chemical composition on the cyclic behaviour of ferrite-pearlite steels 8-60833
 Morton, N. Electrical conductivity and the uncertainty principle 8-84182
 Morton, N., James, B.W., Wostenholm, G.H. The resistivity of the β -W compounds 8-51963
 Morucci, J.P. see Barthelemy, R. 8-61282
 Moruzzi, G. see Neugart, R. 8-89557
 Moruzzi, J.L. see Stephens, K.G. (editor) 8-66444
 Moruzzi, V.L., Marcus, P.M., Knapp, J.A. Angle-resolved photoemission and band structures of Cu and Ni 8-95680
 Morvan, J.-M. see Rosca, R. 8-77683
 Morzhakov, A.V. see Ermolaev, V.V. 8-53034
 Mosanov, O., Filkilev, S., Redzhepov, M. Enhancement of the responsivity of n-type InSb photoresistors of Corbino disk shape in a magnetic field 8-56186
 Mosavi, R.K. see Hamadani, S.M. 8-51329
 Mosburg, E.R., Jr., Wilke, M.D. Experimental studies of mercury excimers in a constricted positive column 8-63091
 Mosca, L. see Granet, P. 8-93913
 Mosch, W., Hauschild, W. The breakdown in SF_6 as a stochastic process 8-67574
 Mosch, W., Lemke, E., Larionov, V.P., Kolecizky, E.S. An estimation for the minimum breakdown voltage and breakdown time of long air gaps 8-67575
 Mosch, W., Lemke, E., Larionov, V.P., Kolecizky, E.S. An estimation of the voltage-time characteristic of long rod/plane gaps in air at positive switching impulse voltages 8-67576
 Moschetto, Y. see Huvenne, J.-P. 8-88664
 Moscicki, J.K. see Heinze, E. 8-64286
 Moscicki, W. see Pazdri, M.F. 8-58548
 Moscoso, L. see Bozzoli, W. 8-93995
 Mosel, U. see Chandra, H. 8-50201
 Mosel, U. see Glas, D. 8-89929
 Moseley, H. see Kleinmann, S.G. 8-54009
 Moseley, H. see Thronson, H.A., Jr. 8-69853
 Moseley, J.M. see Steere, R.L. 8-49810
 Moseley, J.T. Ion photodissociation and photofragment spectroscopy 8-66673
 Moseley, J.T. see Abouaf, R. 8-55207
 Moseley, J.T. see Albritton, D.L. 8-70957
 Moseley, J.T. see Smith, G.P. 8-66609
 Moseley, L.L., Lukes, T. A simplified derivation of the Kubo-Greenwood formula [electrical conductivity for teachers] 8-62017
 Moseley, P.T. see Hudson, B. 8-83672
 Moselhy, M.M., Boomer, D.W., Bishop, J.N., Diosady, P.L. A multielement-direct reading method for the spectral analysis of sediment leachates 8-69514
 Moser, C. see Cornille, M. 8-66679
 Moser, E.S. see Placious, R.C. 8-69198
 Moser, J. Nearly integrable and integrable systems 8-93521
 Moser, J. see Adler, M. 8-69991
 Moser, J.B. The uses and properties of dental materials 8-53548
 Moser, Z., Kucharski, M., Rzyman, K. Activities and surface tension of liquid AgCl-KCl solutions 8-76897
 Moser, Z., Zabydy, L. Thermodynamic characteristic of liquid multicomponent cadmium alloys 8-51701
 Moses, A.J., Phillips, P.S. Some effects of stress in Goss-oriented silicon-iron 8-91916
 Moses, D. see Ehrenfreund, E. 8-64293
 Moses, G.A., Conn, R.W., Abdel-Khalik, S.I., Cooper, G.W., Howard, J.E., Magelssen, G.R. Laser, optics, and pellet design for SOLASE 8-58426
 Moses, G.A., Magelssen, G.R. PHD-IV, a laser-plasma simulation code 8-59640
 Moses, G.A. see Abdel-Khalik, S.I. 8-58425
 Moses, G.A. see Conn, R.W. 8-50315, 8-58424
 Moses, G.A. see Howard, J.E. 8-58491
 Moses, H.E. see Kanal, M. 8-62166, 8-77817
 Moses, S.D., Johnson, N.E. Large Coil Program magnetic system design study 8-50396
 Moshchalkov, V.V. see Akimov, B.A. 8-56067
 Moshchinskii, B.V., Fedyanin, V.K. Asymptotic behavior of the Heisenberg model with long-range interaction 8-56282
 Moshe, M. see Brower, R.C. 8-62338
 Moshe, M. see Cardy, J.L. 8-78111
 Moshenski, A.A. see Fogel, N.Ya. 8-52181
 Mosher, D. see Cooperstein, G. 8-50322
 Mosher, D. see Goldstein, S.A. 8-50323, 8-58898
 Mosher, D.M. see Soukup, R.J. 8-91780
 Mosher, O.A. see Flicker, W.M. 8-62932, 8-78808
 Moshinsky, M. see Castanos, O. 8-78285
 Moshkevich, L.D., Evlampieva, N.E., Babenko, I., Grabovskii, V.Ya., Kurasov, A.N. Investigating structure of eutectic carbides in high-speed steels with the aid of a scanning electron microscope 8-85075
 Moshkovskii, Yu.Sh. see Kocherginskii, N.M. 8-64945
 Moshkun, I., Boyd, T.J.M., Newton, R.H.C. Guided modes of a four-layer optical waveguide with a metal buffer 8-87136
 Moshupi, M.C. see Anger, C.D. 8-88965
 Mosier, D.F. see Yellin, J. 8-70245
 Mosier, S.R. see Knoll, R. 8-85796
 Mosin, Yu.F. see Kolodii, B.I. 8-82884
 Moskaitis, R.J., Butera, R.A. An electronic heat capacity, magnetic and crystallographic study of the $\text{YFe}_{3-x}\text{Ni}_x$ system 8-68261
 Moskalenko, E.I. see Novikova, G.V. 8-54079
 Moskalenko, N.I. see Kondrat'ev, K.Ya. 8-85885
 Moskalenko, V.N., Kharionovskii, V.V. Rating the reliability of design elements during fatigue failure 8-79275
 Moskalev, A.K. see Aleksandrov, K.S. 8-51664
 Moskalev, A.K. see Serebrennikov, V.L. 8-86308
 Moskalev, A.S. see Balatskii, K.K. 8-56687
 Moskalev, V.N. see Deryagin, A.V. 8-64202
 Moskalev, V.N. see Kudrevatykh, N.V. 8-76238
 Moskalev, Ya.A. see Gorbunov, V.I. 8-53125
 Moskaleva, T.V., Arbatskaya, A.N., Sushchinskii, M.M. Angular distribution of stimulated Raman scattering radiation in the presence of two exciting lines 8-83039
 Moskalonov, A.V., Zakis, J.R. X-ray induced paramagnetic states and luminescence in As_2S_3 and As_2Se_3 8-95520
 Moskienko, M.V., Dyubko, S.F. The rotation spectrum of methyl bromide in the basic vibrational state 8-70823
 Moskienko, M.V., Dyubko, S.F. Rotational spectrum of methyl bromide in the ν_2 and $2\nu_3$ excited vibrational states 8-82732
 Moskienko, M.V., Dyubko, S.F. Identification of generation lines of submillimeter methyl bromide and acetonitrile molecule laser 8-82952
 Moskovic, R. Mechanical properties of precipitation-strengthened Ni-Al-Cr alloy based on an NiAl intermetallic compound 8-84968

- Moskovits, M.**, Hulse, J.E. Optical spectroscopy of copper clusters: atom to bulk 8-95591
- Moskovits, M.**, McBreen, P. Optical spectroscopy of monolayers of simple molecules adsorbed on copper 8-72619
- Moskovits, M.** see Goad, D.G.W. 8-68571
- Moskovits, M.** see Michaelian, K.H. 8-55804
- Moskowitz, B.** see Levi, S. 8-81145
- Moskowitz, G.D.** see Koen, P.A. 8-53590
- Moskowitz, J.W.** see Basch, H. 8-66464, 8-82641
- Moskowitz, J.W.** see Topiol, S. 8-55121
- Moskvich, Yu.N.**, Sergeev, N.A. Spin-lattice relaxation in solids with heteronuclear interaction 8-91979
- Moskvich, Yu.N.** see Lundin, A.G. 8-64285
- Moskvin, A.S.**, Bostrem, I.G. Special features of the exchange interactions in orthoferrite-orthochromites 8-60279
- Moskvin, A.S.**, Gudkov, V.G. Transformation properties of molecular orbitals 8-82605
- Moskvina, A.G.**, Korchagina, O.A., Kosarev, G.L. Study of the P-wave of the Ust'-Kamchatka earthquake of December 15, 1971 8-73317
- Mosley, A.** see Emsley, J.W. 8-63671
- Mosley, S.T.** see Beierwaltes, W.H. 8-65118, 8-85370
- Mosner, J.** see Guratzsch, H. 8-54751
- Moss, C.E.** see Norman, E.B. 8-82288
- Moss, D.** The oscillation frequencies of magnetic stellar models 8-69783
- Moss, D.** Large-scale magnetic fields, g^- modes and convection in stars 8-93211
- Moss, D.** The periods of stellar models with linked poloidal-toroidal magnetic fields 8-96470
- Moss, G.A.** see Couvert, P. 8-78383
- Moss, G.A.** see McCamis, R.H. 8-74363
- Moss, H.** see Joshi, A. 8-68993
- Moss, J.H.**, Kochel, R.C. Unexpected geomorphic effects of the Hurricane Agnes storm and flood, Conestoga drainage basin, southeastern Pennsylvania 8-77280
- Moss, J.M.** Spin-orbit symmetry potential and the stability of superheavy elements 8-50104
- Moss, J.M.**, Cornelius, W.D., Brown, D.R. Retarded isoscalar M2 strength observed in the reaction $^{16}\text{O}(\text{p}_{\text{pol}}, \text{p}_{\text{pol}})^{16}\text{O}(2^-, 8.88 \text{ MeV})$ at $E_{\text{p}} = 40 \text{ MeV}$ 8-93962
- Moss, J.M.** see Youngblood, D.H. 8-50183
- Moss, L.** see Bunnell, K. 8-74258
- Moss, L.** see del Papa, C. 8-74264
- Moss, S.C.** see Metzger, H. 8-71712
- Moss, S.H.** see Vinicombe, D.A. 8-77087
- Moss, T.** (editor) Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.115. Advances in Replicated and Plastic Optics 8-66961
- Moss, T.H.** see Hebel, L.C. 8-54863
- Mossack, P.R.**, Rusbridge, M.G. A semi-automatic system for the analysis of double-probe measurements in a steady state plasma 8-87490
- Mossbauer, R.L.** see van Burck, U. 8-60361
- Mossberg, T.**, Flusberg, A., Hartmann, S.R. Optical second-harmonic generation in atomic thallium vapor 8-50855
- Mossberg, T.** see Flusberg, A. 8-83041
- Mosselaer, D.** Van de see Van de Mosselaer, D.
- Mossino, J.**, Zolesio, J.-P. Variational solution of a nonlinear problem of plasma physics 8-63539
- Mossop, S.C.** The influence of drop size distribution on the production of secondary ice particles during graupel growth 8-73481
- Mostafavi, H.**, Smith, F.W. Image correlation with geometric distortion. I. Acquisition performance 8-71039
- Mostafavi, H.**, Smith, F.W. Image correlation with geometric distortion. II. Effect on local accuracy 8-71040
- Mostepanenko, V.M.** see Mamaev, S.G. 8-93493
- Mostepanenko, V.M.** see Mamayev, S.G. 8-81725
- Mostinskiy, I.L.**, Lamden, D.I. Heat and mass transfer in vaporization of droplets of solutions in a high-temperature gas flow 8-75191
- Mostinskiy, I.L.**, Lamden, D.I. Heat and mass transfer during evaporation of solution dispersed in hot gas flow 8-90998
- Mostl, K.** The measurement of radiated power from CW lasers 8-79053
- Mostovaya, L.M.** see Bobrov, A.V. 8-78713
- Mostovoi, R.M.**, Glazkova, I.V., Kotov, B.V., Vashkevich, V.A., Varakina, E.N., Tverskoi, V.A., Zubov, Yu.A., Safronov, S.N., Gasyuk, O.V., Pravednikov, A.N. Polymeric ion-radical salts of 7,7,8,8-tetracyanoquinodimethane on the basis of aliphatic ionenes. Dependence of their properties on the composition and method of preparation 8-76061
- Mostovoi, Yu.A.** see Erozkolinskiy, B.G. 8-78180
- Mostovoy, A.B.** see Bobrov, A.V. 8-78713
- Mostovskii, D.M.** see Fedorchenko, I.M. 8-60845
- Mostovych, A.** see Ouseph, P.J. 8-73815
- Mostowski, J.**, Rzaewski, K. Photon bunching and antibunching in second harmonics generation 8-63153
- Mosyak, A.A.**, Rykova, B.G., Kostov, P.D., Gruzintsev, G.I. Transfer of heat from the outer cylinder to a liquid flowing in an annulus with a rotating inner cylinder 8-83478
- Moszkowski, A.S.** see Sinha, B. 8-74309
- Moszkowski, S.A.** see Dworzecka, M. 8-50101
- Moszynski, M.** Light pulse shape study from crystal organic scintillators 8-74534
- Moszynski, M.** see Bengtson, B. 8-90026
- Moszynski, M.** see Szymczyk, W.M. 8-94164
- Moteff, J.** see Lee, F. 8-58354
- Motherwell, S.** see Murray-Rust, P. 8-83643, 8-83645
- Motida, K.** Origin of the exchange striction in NiO 8-56309
- Motizuki, K.** see Izu, T. 8-88207
- Motizuki, K.** see Miyata, S. 8-51872
- Motizuki, K.** see Takaoka, Y. 8-52484
- Motley, R.W.**, Paoloni, F.J., Bernabei, S., Hooke, W.M. Detection of lower hybrid waves within a plasma by microwave scattering 8-87493
- Motley, R.W.** see Franklin, R.N. 8-94910
- Motley, R.W.** see Krato, A.H. 8-59627
- Motobayashi, T.**, Khono, I., Ooi, T., Nakajima, S. Alpha-transfer reactions between light nuclei 8-54787
- Motobayashi, T.** see Sagara, K. 8-58292
- Motoc, C.**, Cuculescu, I., Honeciuc, M. Field effect in a mixture of cholesteryl chloride and cholesteryl crotonate (75:25% by weight) 8-75813
- Motoc, C.** see Cuculescu, I. 8-59751
- Motoc, C.** see Honeciuc, M. 8-64046
- Motoc, C.** see Sofron, E. 8-83723
- Motoi, S.** Mechanochemical effect in zircon by mechanical grinding 8-84754
- Motojima, K.**, Tachikawa, E., Kamiyama, H., Imahashi, T. Removal of radiocobalt in waste water by activated charcoal using oxine as a chelating agent 8-83655
- Motojima, O.** see Iiyoshi, A. 8-66419
- Motojima, S.**, Takahashi, Y., Sugiyama, K. Chemical vapor growth of LaB₆ whiskers and crystals having a sharp tip 8-72710
- Motojima, S.** see Sugiyama, K. 8-60555
- Motokawa, M.** High field magnetization measurements on CuCl₂·2H₂O 8-64204
- Motokawa, M.** see Kuroda, S. 8-64264
- Motoki, M.** see Yukimura, K. 8-87559
- Motorenko, A.P.** see Martynuk, S.P. 8-67374
- Motosugi, G.** A ZnSe page composer 8-83083
- Motoya, K.**, Yasuoka, H., Nakamura, Y., Wernick, J.H. Magnetic properties of MnSi-CoSi solid solution alloys 8-56403
- Motoyama, C.**, Tanaka, K. The behaviour of an infinite elliptic bar subjected to impulsive loads 8-87259
- Motrenko, E.** see Makariou, S.H. 8-92883
- Motsko, V.G.** see Dutchak, Ya.I. 8-59752
- Mott, D.L.**, Scarborough, E.C. Another application for the linear air track 8-49606
- Mott, N.** Electrons in glass 8-75987
- Mott, N.** see Adler, D. 8-76122
- Mott, N.F.** The origin of some ideas on non-crystalline materials 8-55811
- Mott, N.F.** Continuous and discontinuous metal-insulator transitions 8-56076
- Motta, L.** Cayolla da see Cayolla da Motta, L.
- Motta, S.** see Anile, A.M. 8-81535
- Mottaghy, K.**, Kreisel, C., Vondenhof, T., Schulte, K. A method for detecting fluorocarbons in biological liquids and organisms 8-96117
- Motte, F.** see Sarrazin, P. 8-76787
- Mottelson, B.R.** see Bohr, A. 8-50063
- Mottelson, B.R.** see Hamamoto, I. 8-54711
- Mottl, M.J.** see Seyfried, W.E., Jr. 8-92819
- Mottley, C.** see Nelson, D.J. 8-53223
- Mottley, C.** see Trifunac, A.D. 8-86891
- Mottola, E.** Fermion Green's functions in the presence of pseudoparticles 8-54548
- Motts, G.B.** see Bilien'kii, S.M. 8-93820
- Motulevich, G.P.** see Golovashkin, A.I. 8-88055
- Motulevich, G.P.** see Vedenev, S.I. 8-68122
- Motulevich, V.P.** see Baskarev, B.N. 8-79370, 8-83389
- Motulevitch, V.P.**, Dobrocheev, O.V. High-temperature boundary layer study in the presence of non-equilibrium ionization 8-93634
- Motycka, J.** see Donelan, M.A. 8-55705
- Motylev, S.L.** see Korobkin, V.V. 8-63571
- Motylewski, J.** see Kacprowski, J. 8-63249
- Motz, H.** see Bond, R. 8-83589
- Motz, J.W.** see Dick, C.E. 8-53485
- Motzfeldt, K.** see Linga, H. 8-87779
- Mou, C.Y.**, Nicolis, G., Mazo, R.M. Some comments on nonequilibrium phase transitions in chemical systems 8-54325
- Mou Chung Yuan** see Chung Yuan Mou
- Mou-shan Chen** Wien effect in mixed strong electrolytes 8-75856
- Mouchart, J.** Thin film optical coatings. VI. Design method for two given wavelength antireflection coatings 8-59102
- Mouden, A.** see Renoux, A. 8-81376
- Moudy, L.A.** see Dupuis, R.D. 8-50804
- Mougey, J.** Investigation of core structure of nuclei by electrons 8-54739
- Mouginis-Mark, P.J.** Morphology of Martian rampart craters 8-53854
- Mould, J.** see Aaronson, M. 8-89227
- Mould, J.** see Weistrop, D. 8-85942
- Mould, J.R.**, Hall, D.N.B., Ridgway, S.T., Hintzen, P., Aaronson, M. The composite spectra of FU Orionis stars 8-65617
- Moule, D.C.** see Drury-Lessard, C.R. 8-74675
- Moule, D.C.** see Shah, A.K. 8-86878
- Mouli, V.** Chandra see Chandra Mouli, V.
- Moulin, G.**, Lesage, B., Priester, L., Huntz, A.M. Role of carbon in transformations by heating in the (α - γ) range of Fe-Cr alloys (<10% Cr) 8-52798
- Moulis, T.J.**, Asimakopoulos, D.N., Cole, R.S., Crease, B.A. Design of arrays for acoustic sounder antennas 8-87226
- Moulson, A.J.** see Boyer, S.M. 8-80496
- Moulson, A.J.** see Dawson, W.M. 8-95722
- Moulson, A.J.** see Longland, P. 8-95717
- Moulton, P.F.** see McDowell, R.S. 8-70837
- Mount, G.H.**, Moos, H.W. Photoabsorption cross sections of methane and ethane, 1380-1600 Å, at T=295K and T=200K 8-90181
- Mount, J.** see Finlay, J.B. 8-77148
- Mountain, G.D.** see Harnett, P.R. 8-90385
- Mountain, R.D.** Molecular dynamics of liquids-Neutrons and computers 8-63650
- Mountain, R.D.** Monte Carlo study of the structure of expanded fluid rubidium 8-83720
- Mountain, R.D.**, Mulholland, G.W. Calibration of time response of thermometers: Concepts and model calculations 8-54370
- Mountfield, K.R.**, Weir, R.D. Low temperature heat capacity, dielectric constant, and thermodynamic properties of solid germane 8-83967
- Mountfield, K.R.** see Corruccini, L.R. 8-54369
- Mountfield, K.R.** see Murdock, E.S. 8-56018
- Mounts, F.W.** see Prasada, B. 8-55307
- Mountz, J.M.** see Tien, H.Ti. 8-91722
- Moura, M.A.** de see de Moura, M.A.
- Mourier, G.** A precision acoustic meter 8-71254
- Mourier, G.**, Boulanger, P., Peyraud, J., Delcroix, J.L. Self-accelerating microwave ion and plasma sources 8-66000
- Mouritsen, O.G.**, Jensen, S.J.K. Static properties of spin systems with truncated secular dipolar coupling 8-88130
- Mouseenko, V.N.** see Volkov, B.A. 8-51675
- Moushegian, G.** see Crow, G. 8-88717
- Moushegian, G.** see Stillman, R.D. 8-77062
- Moussa, F.**, Hennion, B., Mons, J., Pepy, G. Measurements of spin waves in K₂CuF₄ in the low energy range 8-88105
- Moussa, M.T.** Plastic surface coatings: an alternative to the standard thin section cover glass 8-73974
- Moussa, N.A.**, McGrath, J.J., Cravalho, E.G., Asimakopoulos, P.J. Kinetics of thermal injury in cells 8-56955
- Moussa, P.** see Baker, G.A., Jr. 8-68253
- Moussali, G.M.** see Nguyen Van Mau, A. 8-64108
- Moussas, X.**, Quenby, J.J. The evaluation of the interplanetary diffusion coefficient for energetic particles employing real magnetic field data 8-96364
- Moussiaux, A.** see Ronveaux, A. 8-56196
- Moussiopoulos, N.** see Kedziur, F. 8-50243
- Moustafa, H.R.** see Salam, S.A. 8-76669
- Mouttet, C.** see Mathiez, P. 8-53319
- Mouvrier, G.** see Contour, J.P. 8-80790
- Mouvrier, G.** see Masclet, P. 8-90215
- Mouzourakis, P.** see Cobb, J.H. 8-62469, 8-89749
- Movaghar, B.**, Schweitzer, L., Overhof, H. Electron spin resonance in amorphous germanium and silicon 8-88167
- Movaghar, B.** see Mell, H. 8-80023
- Movchan, B.A.**, Borisova, N.N. Structural instability of crystallite boundaries formed during solidification of liquid phase 8-95738
- Movchan, B.A.**, Demchishin, A.V., Badilenko, G.F. The structure and mechanical properties of thin layers of dispersion-strengthened condensed nickel-zirconium dioxide material 8-80554
- Movchan, B.A.**, Molodkina, T.A. Investigation into structure of thick vacuum condensates of aluminum oxide 8-95242
- Movchan, E.A.** see Kurtenok, L.F. 8-84223
- Movses Yan, M.E.** see Drampnyan, R.Kh. 8-50861
- Movsesyan, M.E.**, Ninoyan, Zh.O., Sarkisyan, G.S., Sapondzhyan, S.O., Chaltkyan, V.O. Polarization studies of potassium-atom resonance lines in two-photon excitation by opposing light beams 8-82705
- Movsesyants, Yu.B.**, Khlestkov, Yu.A. A partial solution of the self-consistent field equation of a charged liquid 8-74823
- Movshev, V.G.** see Antonov, V.S. 8-78840
- Movsisyan, L.M.** On the possibility of energy doubling in linear accelerators 8-70652

- Mowat, J.R. *see* Sellin, I.A. 8-90274
- Mowbray, D.F. *see* LeFort, P. 8-51130
- Mowery, R.L. *see* Schatz, P.N. 8-74687
- Moya de Guerra, E., Villars, F. ATDHF versus TDHF in a soluble model 8-50113
- Moyer, C.A., Kelly, J.R., Araj, S. Coupling of localized spins in itinerant electron antiferromagnets 8-68142
- Moyer, C.A. *see* Araj, S. 8-64206, 8-84381
- Moyer, C.A. *see* Eroglu, A. 8-64035
- Moyer, J.W. *see* Jameson, A.K. 8-58722
- Moyes, J. *see* Aluinerie, J. 8-65343
- Moyle, D.D. *see* Anand, S.C. 8-69256
- Moynihan, C.T., Gupta, P.K. The order parameter model for structural relaxation in glass 8-83740
- Mozalevska, G.V. *see* Kharlamov, P.V. 8-65761
- Mozer, F.S., Torbert, R.B., Fahleson, U.V., Falthammer, C.G., Gonfalone, A., Pedersen, A. Measurements of quasi-static and low-frequency electric fields with spherical double probes on the ISEE-1 spacecraft 8-85808
- Mozer, F.S. *see* Gonzales, W.D. 8-57408
- Mozgovoi, A.G. *see* Shpil'rain, E.E. 8-75853, 8-91369
- Mozhaev, E.A., Ivanov-Omskii, V.I., Mal'tseva, V.A., Mashovets, D.V., Parfen'ev, R.V. Magnetophonon resonance in two optical modes of n-type $\text{Cd}_x\text{Hg}_{1-x}\text{Te}$ 8-72177
- Mozhaeva, Zh.P. Effect of turbulence on heat transfer when an axisymmetrical stream interacts with an obstacle 8-83385
- Mozharov, G.A. Correction of the third-order monochromatic aberrations of a four-lens objective with a finite air gap between the last two lenses 8-87123
- Mozharov, M.V., Serkhovets, S.I., Petrichenko, A.M., Zhabotinskii, N.P. Desperoidizing effect of Bi and Sn on graphite in magnesium cast iron 8-56670
- Mozharovskii, V.V. *see* Starzhinskii, V.E. 8-68842
- Mozley, R. *see* Bunnell, K. 8-74258
- Mozley, R. *see* del Papa, C. 8-74264
- Mozley, R.F. Production of leptons and lepton pairs in $\pi^+\pi^-$ interactions 8-89748
- Mozo, B.T. *see* Burdick, C.K. 8-88712
- Mozol', P.E. *see* Borsh, V.V. 8-64059
- Mozol', P.E. *see* Grishchenko, G.A. 8-84258
- Mozol, P.E. *see* Korneichuk, V.A. 8-52033
- Mozumder, A. Partially diffusion-controlled reactions of isolated pairs in condensed media 8-92441
- Mozumder, A., Carmichael, I. Effect of field-dependent mobility on the escape probability. I. Electrons photoinjected in neopentane 8-72219
- Mozumder, A., Singh, S., Goyal, D.P. Inclusive charged-pion production in 50 GeV/c π^-N interactions 8-66168
- Mozzhukhin, E.V. *see* Zaslonsko, I.S. 8-76845
- Mpodozis Marin, C. *see* Steinberg, M. 8-96319
- Mrafko, P. Homogeneous and isotropic hard sphere model of non-crystalline solids 8-83731
- Mrafko, P. *see* Korytar, D. 8-83712, 8-83730
- Mravec, A. *see* Skalný, J. 8-91168
- Mraw, S.C., Boak, R.J., Staveley, L.A.K. A calorimetric investigation of the polymorphism of potassium nitrite 8-75827
- Mroczkowski, J.A., Milburn, R.H. Double-pulse laser flashlamp pumping and a new method of flashlamp triggering 8-55378
- Mroczkowski, J. *see* Chai, B.H.T. 8-72714
- Mrosan, E., Lehmann, G. Electronic states of 3d-transition metal impurities in aluminium 8-64005
- Mrowec, S. Extended defects in transition metals oxides 8-63753
- Mrowec, S., Przybylski, K. Defect structure and self-diffusion in cobaltous-oxide 8-63759
- Mrowec, S., Przybylski, K. Oxidation of cobalt at high temperatures 8-64779
- Mrowec, S. *see* Biegun, T. 8-64775
- Mroz, E.J. *see* Cadle, R.D. 8-57186
- Mroz, Z. *see* Lepik, U. 8-90723
- Mroz, Z. *see* Rozvany, G.I.N. 8-51062
- Mrozek, C. *see* Thiele, G. 8-79588
- Mrozek, J. *see* Golebiewski, A. 8-70750
- Mrozinski, J. *see* Jezowska-Trzebiatowska, B. 8-80135
- Mrstik, B.J. *see* Tong, S.Y. 8-71918
- Mrugala, F., Staszewska, G. The refined Born approximation for atom-diatom collinear collision 8-74724
- Mrygon, B. Fluctuations and the magnetic equation of state 8-64194
- Mtingwa, S.K. Are nonrenormalizable theories really unrenormalizable? 8-93794
- Mu Shik Jhon *see* Youngie Oh 8-51774
- Mu-ming Poo *see* Orida, N. 8-85298
- Mubarak, A. *see* Howald, R.A. 8-93494
- Mubeen, A., Bandyopadhyay, S.N. Fracture strength of a notched beam when a small fatigue crack emanates from the notch root 8-72866
- Muboyadzhyan, S.A. *see* Barabanov, B.N. 8-51367
- Mucci, R.A. *see* Pridham, R.G. 8-50989
- Mucha, J., Rafalowicz, J. Thermal conductivity minimum of aluminium 8-76050
- Mucha, T. *see* Kosugi, Y. 8-92759
- Mucha, Z. *see* Baranowski, A. 8-75397
- Muchanov, I.I. The present state and development prospects of ultrasonic peening for surface hardening and fine finishing 8-85020
- Muchmore, D.C. *see* Dahlquist, F.W. 8-80826
- Muchmore, D.C., Bohm, K.H. Coronae of Herich white dwarfs 8-85940
- Muchnik, G.F. *see* Gramolini, N.O. 8-80820
- Muchnik, I.B. *see* Zakharova, L.M. 8-89309
- Muchnik, V.M. *see* Dyachuk, V.A. 8-92943
- Muchotrzeb, B. *see* Calvani, M. 8-54251
- Muciek, A. Calculation of errors in some indirect measurements 8-70091
- Muck, G., Simon, M. The plasma centrifuge. II. Measurements on rotating rare gas arcs 8-75438
- Muckenhoff, K. *see* Luttmann, A. 8-85409
- Mucoglu, A., Chen, T.S. Mixed convection on a horizontal plate with uniform surface heat flux 8-90903
- Mudra, K. *see* Kuchynka, D. 8-53038
- Mudretsova, E.A., Filatov, V.G. A technique for determining the parameters characterizing a contact surface, based on regularization 8-53756
- Mudretsova, E.A., Filatov, V.G. The program 'FON' for separating gravity field anomalies 8-53757
- Mudrolyubov, Yu.M. *see* Samsonov, G.V. 8-52703
- Mudrolyubova, L.P. *see* Leonov, A.I. 8-52735, 8-52736
- Mudry, K.M. A program for generating on-line raster dot displays of single unit activity 8-57087
- Muehe, D., de Albuquerque Maranhao, V., Ribeiro, R.N., Jr., De Souza, J.R.F., Feitosa da Costa, M.D.G. Sediment textural characteristics of some beaches from the Rio de Janeiro state 8-81144
- Muehe, D., Dobreiner, C. Dynamics of the of the sea bottom along Ipanema pier, Rio de Janeiro 8-61389
- Mueller, A.H. Classical Euclidean field configurations and charge confinement 8-54557
- Mueller, B. *see* Storms, E. 8-51660
- Mueller, D. *see* Kouzes, R.T. 8-93931
- Mueller, D. *see* Struble, G.L. 8-66212
- Mueller, F.M., Myron, H.W. Point-group symmetry and transition metal superconductivity: Nb-Mo-Te alloys 8-64163
- Mueller, F.M. *see* Arko, A.J. 8-75985
- Mueller, F.M. *see* Jansen, A.G.M. 8-68074
- Mueller, F.M. *see* Myron, H.W. 8-51885
- Mueller, F.M. *see* van Kessel, A.T. 8-72066
- Mueller, H.H. *see* Lewandowski, Z. 8-70518
- Mueller, I.I. *see* Dermanis, A. 8-92996
- Mueller, I.I. *see* Kumar, M. 8-92995
- Mueller, I.I. *see* Soler, T. 8-65172
- Mueller, J.J. *see* Walter, G. 8-67623
- Mueller, M.H. *see* Faber, J., Jr. 8-83946
- Mueller, R.K. *see* Sawatari, T. 8-53163
- Mueller, R.M., Buchal, C., Oversluizen, T., Pobell, F. Superconducting aluminium heat switch and plated press-contacts for use at ultralow temperatures 8-54377
- Mueller, R.M. *see* Buchal, C. 8-89478
- Mueller, S. *see* Zahn, R.J. 8-67558
- Mueller, St. *see* Caputo, M. 8-53618
- Mueller, T.J. *see* Figliola, R.S. 8-81078
- Mueller, W. *see* Hercher, M. 8-65973
- Muenchow, R. Role of the USAF AN/AAD-5 infrared reconnaissance set in pollution detection and fuel conservation 8-81458
- Muenow, D.W. *see* Gooding, J.L. 8-65568
- Muer, D. *see* De Muer, D.
- Muerhrcke, R.C. *see* Turner, D.A. 8-65111
- Mufson, S. *see* O'Dell, S.L. 8-93440
- Mufson, S.L. *see* Owen, F.N. 8-81697
- Muggeridge, M. *see* Ashley, S.R. 8-57931
- Mughrabi, H. The cyclic hardening and saturation behaviour of copper single crystals 8-64555
- Mughrabi, H. *see* Rapps, P. 8-71645
- Mugur-Schachter, M. The quantum mechanical one-system formalism, joint probabilities and locality 8-54238
- Muheim, J.T. Quasiequivalence of annihilative e^+e^- and ionizative e^-e^- interactions on dielectric solids and their relationship with valence-orbital flux quantization 8-72633
- Muhlbauser, K. *see* von Egidy, T. 8-66215
- Muhle, S., Susse, K.-E., Welsch, D.-G. The influence of intramolecular interactions on the broadening of the IR absorption of hydrogen-bonded species 8-50595
- Muhleisen, R. *see* Gringel, W. 8-92897
- Muhlemann, P. *see* Perneg, J. 8-50047
- Muhlen, H.J., Cleff, B. Metal vapour targets for heavy-ion induced X-ray analysis 8-80822
- Muhlhauser, K.H. *see* Schwen, R. 8-57419
- Muhlschlegel, B. *see* Hone, D. 8-80066
- Mui, J.K., King-Sun Fu, Bacus, J.W. Feature selection in automated classification of blood cell neutrophils 8-73281
- Mui, T.C. *see* Vick, D.O. 8-50575
- Muir, A.Y. *see* Kennedy, P.J. 8-88408
- Muir, G. *see* McNab, A. 8-53041
- Muir, W.B. *see* Budnick, J.I. 8-91669
- Muir, W.B. *see* Cafaro, A. 8-56169
- Muirhead, A. *see* Wood, T.E. 8-56312
- Muirhead, H. *see* Michaelidou, C. 8-93904
- Muirhead, H. *see* Rohringer, H. 8-74277
- Muirhead, H. *see* Stenbacka, R. 8-54645
- Muizon, M. *see* de Muizon, M.
- Mujawar, B.A., Raja Rao, M. Flow of non-Newtonian fluids through helical coils 8-51204
- Mukai, K., Sakamoto, J. Spin-spin dipolar and exchange interactions in crystalline bisgallinoyl biradical 8-52356
- Mukai, S. *see* Gonda, S. 8-64481
- Mukai, Y. *see* Watanabe, M. 8-53025
- Mukaida, H. *see* Namba, M. 8-94074
- Mukamel, D. Critical behavior of $\beta\text{-MnS}$ 8-80169
- Mukamel, S. On the nature of intramolecular dephasing processes in polyatomic molecules 8-74695
- Mukamel, S., Oppenheim, I., Ross, J. Statistical reduction for strongly driven simple quantum systems 8-77764
- Mukamel, S. *see* Procaccia, I. 8-60986
- Mukashv, B.N. *see* Grigor'eva, G.M. 8-71776
- Mukashv, B.N. *see* Tamendarov, M.F. 8-55898
- Mukerjee, S.N. *see* Sharma, B.L. 8-60582
- Mukha, I.M., Kal'nenko, B.I., Gnedova, S.V., Belotskii, A.V. Effect of intermediate layer composition upon the structural changes in and mechanical properties of VK-VK, TK-TK, and VK-U8-steel welds 8-60616
- Mukhachev, G.A. *see* Tonkonog, V.G. 8-55681
- Mukhamedgalieva, A.F., Vsileva, G.L., Gasoyan, M.S., Tyutneva, G.K. A spectroscopic investigation of a laser torch on the surface of fused quartz and silicon containing minerals 8-76560
- Mukhamednazarov, S. The study of meteor bright line spectra using an astronomical television system 8-61817
- Mukhamednazarov, S. *see* Begkhanov, M. 8-96441
- Mukhamedov, R.F. Model for an avalanche discharge with an unstable boundary layer in crossed fields 8-83641
- Mukhammad, M. *see* Amenzade, Y.A. 8-55562
- Mukhedkar, D. *see* Olivier, G. 8-55763
- Mukherjee, A. The slope of the form factor in pseudoscalar Dalitz decays 8-58181
- Mukherjee, A., Shi, Y.C., Gaines, J.R. The order-disorder transition in solid H_2 for very low ortho H_2 concentrations 8-56384
- Mukherjee, A. *see* Gaines, J.R. 8-79855
- Mukherjee, A.K., Padmanabham, K.P. Simultaneous occurrence of tropical cyclones on either side of the equator in the Indian Ocean area 8-81301
- Mukherjee, A.K. *see* Hamstad, M.A. 8-68860
- Mukherjee, A.K. *see* Schwartz, M.W. 8-60818
- Mukherjee, B. A new approach to the theory of rubber elasticity 8-67049
- Mukherjee, B. Development of a C-shaped fatigue specimen 8-68867
- Mukherjee, B.K., Murty, Bh.V. Features of lower troposphere on occasions of contrasting rainfall at a tropical coastal station 8-81332
- Mukherjee, D. Orthonormality-constrained orbital optimisations in MC-SCF theory 8-86766
- Mukherjee, D., Smith, F.T. Semiclassical perturbation theory of electron-polar-molecule collisions. Total excitation and scattering cross sections 8-58826
- Mukherjee, I. *see* Mukherjee, P. 8-86466
- Mukherjee, P., Mukherjee, I. Deformed $1h_{1/2}$ neutron-hole states in ^{147}Sm 8-86466
- Mukherjee, P.K., Moitra, R.K. Coupled Hartree-Fock calculation of the dynamic polarisabilities of the beryllium sequence 8-82858
- Mukherjee, P.S., De, A.K., Bhattacharjee, S. Electrical anisotropy of asbestos: a fibrous tremolite 8-80273
- Mukherjee, S., Chandel, S.S. Relativistic electron scattering from a two-centre potential 8-66058
- Mukherjee, S., Kumar, V., Chang, K.J. Elevated temperature inelastic analysis of metallic media under time varying loads using state variable theories 8-83264
- Mukherjee, S. *see* Debnath, L. 8-51177
- Mukherjee, S. *see* Kumar, V. 8-51090
- Mukherjee, S.C. *see* Basu, D. 8-70930
- Mukherjee, S.N. *see* Rawitscher, G.W. 8-58289
- Mukhin, A.I. *see* Asratyan, A.E. 8-62389
- Mukhin, S.I. *see* Abrikosov, A.A. 8-60298
- Mukhin, V.A. *see* Golovkin, S.V. 8-78218, 8-89919
- Mukhin, V.S. *see* Tsykanov, V.A. 8-86582
- Mukhin, Yu.V. *see* Zatsapin, N.N. 8-60960
- Mukhina, A.P. *see* Trakhtenberg, R.M. 8-70106
- Mukhina, E.G. *see* Vidro, G.I. 8-60525
- Mukhomorov, V.K., Mazurenko, Yu.T. Optical properties of a solvated electron and thermodynamic parameters of a polar liquid 8-85170

- Mukhopadhyay, D.** Stresses in semi-infinite strip under symmetric load on the lateral sides 8-59301
- Mukhopadhyay, G.,** Lundqvist, S. The electro-magnetic field near a metal surface 8-52054
- Mukhopadhyay, P.** Is $\chi(3505)$ a vector boson? 8-62473
- Mukhopadhyay, P.,** Raman, V., Banerjee, S., Krishnan, R. Formation of a DO_{19} phase in zirconium-aluminium martensites 8-84779
- Mukhopadhyay, P.** see Menon, E.S.K. 8-91294
- Mukhopadhyay, P.** see Raman, V. 8-52880, 8-84842
- Mukhopadhyay, P.** see Saxena, S.C. 8-85301
- Mukhopadhyay, T.K.** see Chakraborty, S.B. 8-60700
- Mukhopadhyay, G.,** Sjolander, A. Density response in an electron liquid 8-67961
- Mukhtar, E.S.,** Baker, H.J., King, T.A. Hyperfine structure and collision parameters of the 1.315 μm iodine laser transition studied by a frequency-controlled laser 8-59000
- Mukhtarov, M.A.,** Gorshkov, V.N. Gantmakher-Kaner effect in strong magnetic fields 8-80015
- Mukhtarov, M.A.,** Gorshkov, V.N. Gantmakher-Kaner effect in strong magnetic fields 8-91595
- Mukhuty, S.K.** Some coupled thermoelastic problems concerning elastic half-space 8-59300
- Mukoseev, Yu.K.** see Zaslonko, I.S. 8-76845
- Mukoyama, T.** Relationship between shakeoff probabilities 8-94204
- Mukoyama, T.,** Sarkadi, L., Berenyi, D., Koltay, E. K_{β}/K_{α} intensity ratios for X-ray production by heavy ions 8-78658
- Mukoyama, T.,** Shimizu, S. Many-electron effect on the K-shell internal ionisation accompanying beta decay 8-86839
- Mukoyama, T.,** Watanabe, Y. A Monte-Carlo method for calculations of the distribution of angular deflections due to multiple scattering 8-79650
- Mukumov, M.R.** see Khodorov, B.I. 8-77027
- Mukunda, N.** Algebraic aspects of the Wigner distribution in quantum mechanics 8-77767
- Mukunda, N.** Completeness of the Coulomb wave functions in quantum mechanics 8-89278
- Mukunda, N.,** Sudarshan, E.C.G. New light on the optical equivalence theorem and a new type of discrete diagonal coherent state representation 8-55328
- Mulac, A.J.,** Flower, W.L., Hill, R.A., Aeschliman, D.P. Pulsed spontaneous Raman scattering technique for luminous environments 8-89549
- Mulac, A.J.** see Cummings, J.C. 8-58999
- Mulak, J.,** Zolnierak, Z. The cooperative Jahn-Teller effect in uranium (4+) hydroxy-sulphate 8-72121
- Mulgaria, F.** On the theoretical evaluation of the Gruneisen function in the harmonic approximation 8-59916
- Mulgaria, F.,** Boschi, E. A Gruneisen's gamma formulation of geophysical interest 8-65264
- Mulgaria, F.** see Bonafede, M. 8-77194
- Mulgaria, F.** see Fazio, D. 8-61361
- Mulay, I.L.** see Mulay, L.N. 8-82006
- Mulay, L.N.,** Mulay, I.L. Magnetic susceptibility: instrumentation and analytical applications including bioscience 8-82006
- Mulazzi, E.,** Buisson, J.P. Study of the properties of the electron phonon interaction in the first excited degenerate states Γ_6^- and Γ_8^- of the F centres in Cs halides 8-63824
- Mulazzi, E.,** Terzi, N., Maradudin, A.A. The vibronic levels for Jahn-Teller impurities in polar crystals 8-68520
- Mul'chenko, B.F.** see Vuntsevich, I.L. 8-68780
- Mulder, B.J.** A method for the splash-free evaporation of aluminium and other metals 8-52689
- Mulder, B.J.** Protective glassy layers passivating copper at 500°C 8-76785
- Mulder, B.J.,** Vrakking, J.J. Beryllium thin films as optical filters in helium discharge lamps [for photoelectron spectroscopy] 8-79115
- Mulder, F.** see Berns, R.M. 8-94202
- Mulder, F.** see Wormer, P.E.S. 8-62868
- Mulders, P.J.G.,** Aerts, A.Th.M., de Swart, J.J. Negative-parity NN resonances and extraneous states 8-74210
- Muldoon, D.G.,** Majahad, A.M. Interrelationships between primary calibration standards for nitric oxide, nitrogen dioxide, and ozone as applied to test gas atmospheres generated by gas phase titration 8-69507
- Muldoon, M.E.** Higher monotonicity properties of certain Sturm-Liouville functions. V 8-57750
- Muldrew, D.B.** The role of field-aligned ionization irregularities in the generation of the HF-induced plasma line at Arcibo 8-88979
- Muler, A.L.,** Markin, V.S. Electrical properties of anisotropic nerve-muscle syncytia. II. Spread of flat front of excitation 8-53383
- Muler, A.L.,** Markin, V.S. Electrical properties of anisotropic nerve-muscle syncytia. I. Distribution of the electrotonic potential 8-64971
- Muler, A.L.,** Markin, V.S. Electrical properties of anisotropic nerve-muscle syncytia. III. Steady form of the excitation front 8-69037
- Mulera, T.** see Biegert, E. 8-93901
- Mulera, T.** see Marshak, M.L. 8-82245
- Mulgaria, F.,** Boschi, E. The generalization of the Mie-Gruneisen equation of state 8-96194
- Mulhaupt, G.** see Behrend, H.-J. 8-62668
- Mulhearn, P.J.** Turbulent flow over a periodic rough surface 8-71326
- Mulhearn, P.J.,** Finnigan, J.J. A simple device for dynamic testing of X-configuration hot-wire anemometer probes 8-87421
- Mulholland, G.W.** see Mountain, R.D. 8-54370
- Mulholland, H.P.** see Klein, G. 8-86196
- Mulholland, J.D.** see Benedict, G.F. 8-89107
- Mulholland, J.D.** see Calame, O. 8-69717, 8-69718
- Mulholland, W.** see McIlwain, A. 8-70660
- Muliawan, D.,** Rutgers, H., Kubli, F. Interference effect of infusion pumps in monitoring of birth by cardiotocography 8-85416
- Mulik, J.D.,** Puckett, K., Sawicki, E., Williams, D. Ion chromatography—a new analytical technique for the assay of sulfate and nitrate in ambient aerosols 8-68974
- Mulikov, V.F.** see Pansyrev, Yu.M. 8-69178
- Mulkens, H.** see Erriquez, O. 8-78170
- Mulkens, H.** see Krenz, W. 8-54624
- Mullakhmetov, R.Kh.** Determination of the local angular coefficient for a cylindrical surface 8-83227
- Mullan, E.,** Janocko, M.A., Litz, D.C. A superconducting 0.54 MJ pulsed energy storage coil 8-54924
- Mullaney, N.A.** see Truhlar, D.G. 8-50642
- Mullani, N.A.,** Higgins, C.S., Hood, J.T., Currie, C.M., Ter-Pogossian, M.M. Description of PETT IV and its computer system [radioisotope tomography] 8-80959
- Mullen, A.J.** Field penetration of shielding barriers, low frequency effects 8-82886
- Mullen, D.,** Hellner, E. A simple refinement of density distributions of bonding electrons. V. Bond electron density distribution in urea, $\text{CO}(\text{NH}_2)_2$, at 123K 8-55857
- Mullen, D.,** Scheringer, C. Effects of incorrect phases on difference density distributions 8-55783
- Mullen, D.** see Scheringer, C. 8-55782, 8-75487, 8-75616, 8-79552
- Mullen, J.G.,** Stevenson, J. Microfoil conversion electron detector for Mossbauer spectroscopy 8-70698
- Mullen, J.J.A.M.** van der see van der Mullen, J.J.A.M.
- Muller, A.,** Heinz, U., Muller, B., Greiner, W. On gravitation theories with limiting curvature 8-81897
- Muller, A.,** Mohan, N., Dornfeld, H., Tellez, C. Raman spectrum (in aqueous solution) and force constants of MoO_5^{2-} 8-74668
- Muller, A.,** Reis, A. A new method of non-invasive measurement of arteriovenous oxygen difference 8-85441
- Muller, A.,** Salzborn, E. Production of multiply charged heavy ions in an electron beam ion source and investigation of charge exchange processes 8-58816
- Muller, A.** see Badur, A. 8-58381
- Muller, A.** see Blom, C.E. 8-62785, 8-74635
- Muller, A.** see Bozzoli, W. 8-93995
- Muller, A.** see Durig, J.R. 8-82730
- Muller, A.** see Glasow, P. 8-86723
- Muller, A.** see Koniger, F. 8-62802
- Muller, A.** see Mohan, N. 8-62853, 8-78678
- Muller, A.** see Sobotto, H. 8-52511
- Muller, A.** see Wolters, J. 8-58390
- Muller, A.B.** see Bergwall, N.A.S. 8-77497
- Muller, B.,** Oberacker, V., Reinhardt, J., Soff, G., Greiner, W., Rafelski, J. Positron production in heavy ion collisions 8-50198
- Muller, B.** see Fahrner, W.R. 8-84306
- Muller, B.** see Muller, A. 8-81897
- Muller, B.** see Reinhardt, J. 8-93833
- Muller, B.** see Soffel, M. 8-73731
- Muller, Ch.** see Ziesche, P. 8-63969
- Muller, C.H., III,** Schofield, K., Steinberg, M. Near saturation laser induced chemical reactions of $\text{Na}(3^2\text{P}_{3/2,1/2})$ in $\text{H}_2/\text{O}_2/\text{N}_2$ flames 8-80762
- Muller, C.H., III,** Schofield, K., Steinberg, M., Broida, H.P. Laser induced fluorescence measurement of SH , S_2 , SO , and SO_2 in flames 8-61132
- Muller, D.** see Grossmann, J. 8-76410
- Muller, D.** see Sommer, M. 8-54078
- Muller, E.** Space Shuttle and its Spacelab 8-53784
- Muller, E.A.** see Rast, J. 8-85921
- Muller, F.,** Schulte, E. Shock wave compression of NaCl single crystals observed by flash-X-ray diffraction 8-83877
- Muller, F.** see Adolfs, F. 8-58101
- Muller, F.** see Baum, L. 8-89758
- Muller, F.** see Block, M. 8-93914
- Muller, F.** see Hollenberg, K. 8-95618
- Muller, F.** see Seiler, W. 8-73477
- Muller, F.A.** see Arko, A.J. 8-75985
- Muller, F.A.** see Roeland, L.W. 8-72332
- Muller, F.H.** see Knispel, G. 8-76384, 8-79753
- Muller, F.H.** see Sietz, W. 8-75554
- Muller, G.** Effect of pipe flow conditions on the determination of pipe mode characteristics 8-79246
- Muller, G.** Remote controlled ultrasonic pre-service and in-service inspections of reactor pressure vessels 8-89955
- Muller, G.,** Bonjer, K.-P., Stockl, H., Enescu, D. The Romanian earthquake of March 4, 1977. I. Rupture process inferred from fault-plane solution and multiple-event analysis 8-65201
- Muller, G.,** Haubold, M., Schimko, R., Trapp, M., Schwarz, G. Investigations of the diffusion of implanted zinc in $\text{GaAs}_{1-x}\text{P}_x$ by ion microprobe 8-95190
- Muller, G.** see Bhattacharya, G. 8-60465
- Muller, G.** see Kind, R. 8-65208
- Muller, G.** see Schonherr, E. 8-56574
- Muller, H.** Some experiences gained during the testing of the automatic measuring stations at sea 8-96317
- Muller, H.,** Eckhardt, C.J. Stress induced change of electronic structure in a polydiacetylene crystal 8-70990
- Muller, H.,** Opitz, Ch. The properties of small particles: dissociative chemisorption and interaction of adsorbed atoms for one-dimensional and two-dimensional metal crystals 8-53257
- Muller, H.** see Claassen, H. 8-85093
- Muller, H.** see Dettmer, K. 8-94996
- Muller, H.** see Seefeld, K.P. 8-60505
- Muller, H.G.** Mechanism of action of viscosity index improvers 8-95816
- Muller, H.G.,** Nelson, L. A travelling quasi 2-day wave in the meteor region 8-81480
- Muller, H.H.** see Guyer, H. 8-70449
- Muller, H.-R.,** Perthel, R. Model calculations for the anisotropy formation by resputtering processes during the growth of amorphous Gd-Co films 8-64242
- Muller, H.-R.** see Knappe, B. 8-72379
- Muller, H.W.,** Schroder, B. Electron backscattering from thin silicon crystals 8-75510
- Muller, H.W.** see Geiger, J. 8-83898
- Muller, J.,** Bernth, H., Reichl, H. Measurement of minority carrier lifetime and diffusion length in silicon epitaxial layers by means of the photocurrent technique 8-95302
- Muller, J.** see Goscinski, O. 8-62841
- Muller, J.** see Haberkorn, W. 8-84359
- Muller, J.** see Reichl, H. 8-72587
- Muller, J.** see Waterstrat, R.M. 8-60571
- Muller, J.C.,** Grob, A., Grob, J.J., Stuck, R., Siefert, P. Laser-beam annealing of heavily damaged implanted layers on silicon 8-88481
- Muller, J.C.,** Ponpon, J.P., Grob, J.J., Grob, A., Stuck, R., Siefert, P. Low cost ion implantation for polycrystalline silicon solar cells 8-63784
- Muller, J.E.** Thermal radiation detectors in thin-film techniques 8-62226
- Muller, J.E.,** Jepsen, O., Andersen, O.K., Wilkins, J.W. Photoabsorption spectra of the 4d transition metals near the K-edge 8-92144
- Muller, K.,** Heinz, K. Reconstructed surfaces 8-95214
- Muller, K.,** Nutsch, J. Planning the studio-acoustics of the SDR's Stuttgart Broadcasting House 8-71243
- Muller, K.** see Hertlein, R. 8-92151
- Muller, K.A.** Recent developments in EPR techniques 8-74045
- Muller, K.A.** Identification of charge-transfer bands by EPR conversion-rate measurements 8-76297
- Muller, K.A.,** Berlinger, W. Fast and slow dynamic reorientation in $\text{NH}_4\text{H}_2\text{AsO}_4$ and KH_2AsO_4 Cr^{3+} above T_c 8-80306
- Muller, K.A.** see Currat, R. 8-67798
- Muller, K.H.** see Benninghoven, A. 8-76568
- Muller, L.** see Ernst, R.R. 8-74044
- Muller, M.,** Beck, H., Guntherodt, H.-J. Magnetic properties of liquid Pd, Si, and Pd-Si alloys 8-95415
- Muller, M.** see Barton, J. 8-75831
- Muller, M.** see Felix, F.W. 8-79634
- Muller, M.** see Guntherodt, H.-J. 8-95280
- Muller, M.** see Keller, R. 8-66446
- Muller, M.** see Rubin, R. 8-85411
- Muller, M.W.** Growth-induced lowering of magnetoelastic symmetry 8-64255
- Muller, N.,** Wolf, D., Feder, R. Electron spin polarisation in LEED from Au(110) 8-83692
- Muller, O.** see O'Horo, M.P. 8-68187
- Muller, P.** Orbits of four double stars 8-53986
- Muller, P.** Relative motion in 17 visual double stars 8-57586
- Muller, P.** Double star measurements made at Nice 8-89224
- Muller, P.** see Ischenko, G. 8-52131

- Muller, R., Hasl, G., Pauly, H. Design and performance of a precise adiabatic scanning calorimeter for the measurement of the heat capacity of small samples in the temperature range between 283 and 353K 8-86274
- Muller, R., Neef, E. Theoretical investigations of low-noise regeneration of light pulses in communication systems 8-66920
- Muller, R., Scheler, G. Reorientation of water molecules in monocrystals of oxalic acid dihydrate ((COOH)₂·2H₂O) investigation by high resolution NMR in solids 8-64283
- Muller, R., Zachmann, H.G. The measurement of NMR with probe rotation through the magic angle 8-76341
- Muller, R. *see* Albrecht, H. 8-56210
- Muller, R. *see* Bodek, K. 8-62547
- Muller, R. *see* Guntherodt, H.-J. 8-95280
- Muller, R. *see* Hering, B. 8-70710
- Muller, R. *see* Jarczyk, L. 8-78353
- Muller, R. *see* Kunstle, K. 8-78488
- Muller, R. *see* Schnabel, B. 8-76323
- Muller, R. *see* Unternahrer, J. 8-50203, 8-70552
- Muller, R.A. The cosmic background radiation and the new aether drift 8-93482
- Muller, R.A. *see* Gorenstein, M.V. 8-61735
- Muller, R.H. Ellipsometry of electrochemical surface layers 8-56874
- Muller, R.H. *see* Smith, C.G. 8-56902
- Muller, V.M. Exact solution of the equation of coagulation with breakdowns 8-53272
- Muller, W.A., Gossner, W., Hug, O., Luz, A. Late effects after incorporation of the short-lived α -emitters ²²⁴Ra and ²²⁷Th in mice 8-96069
- Muller, W.F., Wenk, H.-R. Mixed-layer characteristics in real humite structures 8-79567
- Muller, W.F. *see* Topel-Schadt, J. 8-83827
- Muller, W.R. *see* Kuindersma, S.R. 8-80359
- Muller, Ya.N., Geller, V.M., Lisitsyna, L.I., Grif, G.I. Microwave pumped helium-neon laser 8-50754
- Muller-Arnke, A. *see* Haas, B. 8-54675
- Muller-Krumbhaar, H. Growth spirals in a chemical potential varying in space or time 8-87631
- Muller-Lierheim, W. *see* Gebhardt, W. 8-80304
- Muller-Schauenburg, W. *see* Nagel, M. 8-80961
- Muller-Veggian, M., Gono, Y., Lieder, R.M., Neskakis, A., Mayer-Boricke, C. High-spin states and isomers in ^{136,137,138}Ce 8-82309
- Muller-Veggian, M. *see* Lieder, R.M. 8-62476, 8-82283
- Muller-Vogt, G. *see* Eigermann, W. 8-95687
- Muller-Vogt, G. *see* Spengler, W. 8-52499
- Mullett, K. Electrical brain stimulation for the control of chronic pain 8-77097
- Mullica, D.F. *see* Beall, G.W. 8-55844
- Mulligan, B. *see* Arnold, L.G. 8-66239
- Mulligan, J.C. *see* Muntasser, M.A. 8-75120
- Mulligan, L. *see* Alburger, D.E. 8-66210
- Mulligan, W.J. *see* Woskoboinikov, P. 8-67446
- Mulliken, R.S., Ermler, W.B. Diatomic molecules. Results of ab initio calculations 8-90080
- Mullin, J.B. *see* Leloup, J. 8-72171
- Mullin, J.W. *see* Nyvlt, J. 8-60558
- Mullin, T., Greated, C.A. Measurement of pulsating flows by photon correlation 8-87420
- Mullins, W.W. Convexity theorem for subthreshold stimuli in linear models of visual contrast detection 8-69085
- Mullins, W.W. *see* Quick, R.F., Jr. 8-65020, 8-69080
- Mullner, M. *see* Loidl, A. 8-79659
- Mulokozi, A.M. The energies of the valence bands and heats of vaporization of rare earth metals 8-91431
- Mulokozi, A.M. Electron transfer and bonding in the intermetallic compounds of rare earths with the AlB₂ type or a closely related structure. II. A theoretical treatment of the heats of formation of RGa₂ compounds 8-92499
- Mulser, P., van Kessel, C. Classical optics and light pressure in spherical laser plasmas 8-59601
- Mulser, P. *see* Tasso, M. 8-71526
- Mulvanny, P. Velocity discrimination by pigeons 8-61179
- Mulvey, J.H. Evidence for scaling violation in ν N and $\bar{\nu}$ N inclusive scattering and test of QCD 8-89701
- Mulvey, J.H. The observation of prompt neutrinos from 400 GeV proton nucleus interactions 8-89859
- Mulvey, J.H. *see* Bosetti, P.C. 8-70357
- Mulvey, T. Instrumentation for electron diffraction 8-83683
- Mulvey, T. *see* Juma, S.M. 8-78042
- Mulville, D.R., Hunston, D.L., Mast, P.W. Developing failure criteria for adhesive joints under complex loading 8-92344
- Mulville, D.R. *see* Macander, A.B. 8-92350
- Mulyarchik, T.M. *see* Bolyunova, A.D. 8-69611
- Mumford, B.B. *see* Smith, P.W. 8-55457
- Muminov, R.A., Kugatova, F.U., Khasanov, D.K., Yafasov, A.Ya. Multistrip beta-particle semiconductor detectors for use with magnetic spectrometers 8-78545
- Muminov, T.M. *see* Alikov, B.A. 8-74528, 8-82562
- Muminov, T.M. *see* Schilling, K.D. 8-62505
- Mumma, M.J., Kostiuik, T., Buhl, D. A 10- μ m laser heterodyne spectrometer for remote detection of trace gases 8-61606
- Mumma, M.J. *see* Abbas, M.M. 8-61494
- Mummigatti, V.M., Jyoti, B.G. A note on failure of graphical method in the calculation of r-centroids in (B² Σ^+ -X² Σ^+) transition of CN molecule 8-70811
- Munakata, T. Liquid instability and freezing. II. Multi-mode one dimensional analysis of a nonlinear diffusion equation 8-87771
- Munakata, Y., Hakamada, K., Mori, S. Effect of the north-south component of the interplanetary magnetic field on the solar diurnal variation of the cosmic ray intensity 8-93057
- Munakta, N. *see* Tanooka, H. 8-80928
- Munch, G. *see* Hippelein, H. 8-85987
- Munch, S. *see* Thomann, Ch. 8-62423, 8-78379
- Munchow, W. *see* Albrecht, L. 8-89995
- Munday, J.C., Jr., Welch, C.S., Gordon, H.H. Outfall siting with dye-buoy remote sensing of coastal circulation 8-65438
- Mundie, R.E. *see* Argyle, B.E. 8-95495
- Mundinger, D. *see* Bertsch, G. 8-66314
- Mundt, W. The possibility of geological-geophysical zoning 8-57342
- Mundy, J.N. *see* Kim, K.K. 8-54519
- Muneki, S. *see* Kawabe, Y. 8-80648
- Muneki, S. *see* Nakazawa, K. 8-52971
- Munetomo, F. *see* Itoshima, T. 8-57149
- Mungall, A.G. A new concept in atomic time keeping: the continuously operating long beam primary cesium clock 8-89454
- Mungall, C. GSC hunts satellite debris 8-85784
- Munger, M.L., Peterson, R.J. Proton stripping reactions on ¹⁹⁴Pt, ¹⁹⁶Pt and ¹⁹⁸Pt 8-78398
- Muniak, W. *see* Denus, S. 8-82509
- Munier, B. *see* Felix, M.M.P. 8-52101
- Munier, J. *see* Bard, C. 8-80883
- Munir, Z.A., German, R.M. A generalized model for the prediction of periodic trends in the activation of sintering of refractory metals 8-64498
- Muniz, R.B., Brandi, H.S., Maffeo, B. Evaluation of magnetic dipolar terms: F₂⁻ molecule-ion 8-82864
- Munjai, M.L. *see* Chandraker, A.L. 8-67238
- Munk, P., Abijaoud, M.T., Halbrook, M.E. Intrinsic viscosity of polystyrene in mixed solvents 8-67843
- Munk, S. Measurement of absolute luminous intensity 8-62217
- Munk, W.H. Visit to Tsingtao [Institute of Oceanology] 8-61562
- Munn, R.E. *see* Vickers, G.G. 8-57304
- Munn, R.W., Silbey, R. Ensemble averages of exponential quadratic phonon operators 8-54293
- Munn, R.W., Silbey, R. Theory of exciton transport with quadratic exciton-phonon coupling 8-56077
- Munn, R.W. *see* Bounds, P.J. 8-52468
- Munnerlyn, C.R. An optical system for an automatic eye refractor 8-61274
- Munnich, F. *see* Berg, H. 8-93974
- Munnich, F. *see* Keyser, U. 8-58230
- Munoz, E. *see* Castano, J.L. 8-64095
- Munoz, J.M. *see* Monreal, F.J.G. 8-76972
- Munro, F. *see* Conking, A. 8-84914
- Munro, H.G. *see* Adams, N.J. 8-68817
- Munro, I.H. *see* Hasnain, S.S. 8-52529, 8-66575
- Munro, I.H. *see* Najbar, J. 8-66590
- Munro, M. *see* Kirk, J.N. 8-95801
- Munro, R.G. On a parametrization for solids under hydrostatic pressures 8-72120
- Munro, R.G. Theory of the pressure dependence of a prototype exchange integral 8-87741
- Munsch, E. Optimization of a Wheatstone bridge using thermistors for measuring temperature changes in a calorimeter 8-86275
- Munsch, G. *see* Stebe, B. 8-79937
- Munson, B. *see* Hansen, G. 8-92547
- Munson, D.E., Young, E.G. Dynamic modeling of Rock Springs oil shale using a homogeneous equivalent Maxwell model 8-57196
- Muntasser, M.A., Mulligan, J.C. A local non-similarity analysis of free convection from a horizontal cylindrical surface 8-75120
- Muntyanu, I. *see* Dorchoman, D. 8-78570
- Muntz, E.P. Can diagnostic examinations be effectively modeled? 8-69188
- Muntz, E.P. Can diagnostic examinations be effectively modeled? 8-85366
- Muntz, W.R.A., Johnson, M.S. Rhodopsins of oceanic decapods 8-61182
- Muntz, W.R.A. *see* Martin, G.R. 8-80876
- Munuera, G. *see* Gonzalez-Elipe, A.R. 8-80211
- Munzel, J. *see* Wunsch, K.D. 8-93975
- Munzenberg, G. *see* Geissel, H. 8-86718
- Muoy, H.Y. *see* Nguyen Van Mau, A. 8-64108
- Mur, V.D., Popov, V.S. Semiclassical approximation for the Dirac equation in strong fields 8-89645
- Mur, V.D., Popov, V.S., Voskresenskii, D.N. The WKB method for Z>137 8-78123
- Mura, T., Cheng, P.C. The elastic field outside an ellipsoidal inclusion 8-55566
- Mura, T., Cheng, P.C. An equivalent inclusion method for a three-dimensional lens-shaped crack in anisotropic media 8-67123
- Mura, T., Kinoshita, N. The polynomial eigenstrain problem for an anisotropic ellipsoidal inclusion 8-83808
- Mura, T. *see* Mori, T. 8-83812, 8-84810
- Muradyan, M.M. The force acting on a plate at the passage of a charged relativistic particle 8-72627
- Murai, A. *see* Horiuchi, Y. 8-63072
- Murai, I. A report on damage and seismic intensity by the Kawazu earthquake in 1976 8-96142
- Murai, T., Yagi, H., Yotusya, H. The electronic circuit model of excitable membrane utilized time variant negative resistance 8-88696
- Murai, T. *see* Nagai, H. 8-85039
- Muraishi, H. *see* Nagao, M. 8-84052
- Murakami, A., Ozaki, M., Fujimoto, T., Yoshiki, T. Fatigue behaviour and dynamic viscoelastic properties of fibre reinforced ionomer composites 8-92339
- Murakami, A. *see* Baba, K. 8-93987
- Murakami, H. Comparison of light output between different types of discharge cells in color display panel 8-62191
- Murakami, H. Corrosion control by painting 8-95829
- Murakami, H., Hegemier, G., Maewal, A. A mixture theory for thermal diffusion in unidirectional composites with cylindrical fibers of arbitrary cross section 8-87230
- Murakami, H. *see* Igata, N. 8-87663
- Murakami, H. *see* Muto, K. 8-58328
- Murakami, H. *see* Nishimura, J. 8-61933
- Murakami, H. *see* Tachikawa, J. 8-58396
- Murakami, H. *see* Yamagami, T. 8-61644
- Murakami, J. *see* Ito, M. 8-78709
- Murakami, K., Akaishi, S., Aibara, T. On optimal associative recall by an incomplete key 8-96039
- Murakami, K., Murakami, Y. A study on the Moire topography (a method for discriminating between the concave and convex regions of an object) 8-65901
- Murakami, K., Murakami, Y. A study on the Moire topography (an accurate theory and the applicable limit of the divergent light ray method) 8-86237
- Murakami, K., Namba, S., Kishimoto, N., Masuda, K., Gamo, K. Resistance changes induced by electron-spin resonance in ion-implanted Si:P system 8-68377
- Murakami, K., Tsuboi, N., Koseki, H. Wavelength modulation spectrometer [for chemical analysis] 8-76957
- Murakami, K., Umakoshi, Y., Yamaguchi, M. Orientation and temperature dependence of slip in AgMg single crystals 8-87682
- Murakami, K. *see* Tamura, S. 8-84884
- Murakami, M., Kito, O. Effects of swirling flow component on discharge coefficients of constriction meters (in case of orifice) 8-63514
- Murakami, M., Oguri, Y., Kato, H., Sakaide, A. Elbow flow meters. Effects of wall curvature inaccuracies on discharge coefficients 8-83501
- Murakami, M., Saito, M. Synthesis of optical waveguides using inverse differential operator theory 8-55465
- Murakami, S., Murata, Y. Surface state resonance of the Kikuchi pattern in low-energy electron diffraction 8-83689
- Murakami, S. *see* Murata, Y. 8-84038
- Murakami, T., Ishikawa, M., Shirouzu, M., Shirokane, T. Holographic observation of fine particles by two laser pulses of different wave length 8-95873
- Murakami, T. *see* Itoshima, T. 8-57149
- Murakami, T. *see* Kotaki, M. 8-73576
- Murakami, T. *see* Ondoh, T. 8-85770
- Murakami, T. *see* Watanabe, T. 8-76629
- Murakami, Y. Application of the body force method to the calculation of stress intensity factors for a crack in the arbitrarily shaped plate 8-90775
- Murakami, Y., Delacy, L., Smeesters-Dullenkopf, G. Electron microscopy of the premar-tensitic β -Cu-Zn-Al alloy 8-72801
- Murakami, Y., Hatakeyama, I., Tsuchiya, H. Normalised frequency dependence of splice losses in single-mode optical fibres 8-55444
- Murakami, Y., Ohtsuka, H. Possibility of palladium-alloy membrane pumps for thermonuclear fusion devices 8-89980
- Murakami, Y., Tsuchiya, H. Bending losses of coated single-mode optical fibers 8-71209
- Murakami, Y. *see* Hattori, T. 8-92377

- Murakami, Y. see Masumoto, H. 8-56660, 8-76772
- Murakami, Y. see Murakami, K. 8-65901, 8-86237
- Murakami, Y. see Osamura, K. 8-91306
- Murakami, Y. see Singh, S.C. 8-68687
- Murakami, Y. see Yamamoto, S. 8-52867
- Murakami, Y. see Yamato, H. 8-54972
- Muraki, Y., Mori, K., Nakagawa, M. Logarithmic mass formulae for elementary particles and a new quantum number 8-82183
- Muraki, Y. see Higashi, S. 8-55081
- Muralidharan, S., Hayes, R.G. XPS studies of the valence electron levels of metalloporphyrins 8-82785
- Muramatsu, A. see Miyairi, H. 8-56707, 8-56751
- Muramatsu, K., Watanabe, A., Goto, M. Flux growth of Bi_2WO_6 single crystal below the transformation temperature 8-72713
- Muramatsu, K. see Ehara, S. 8-64058
- Muramatsu, S., Sakamoto, N. Dynamic Jahn-Teller vibronic coupling in tetragonal symmetry 8-60091
- Muramatsu, Y., Tamura, K. Production of titanium strip by powder rolling 8-80493
- Muranevich, A.Kh. Heat transfer in VO-MO (M=Ni, Co, Mn) solid solutions 8-79827
- Murani, A.P. Neutron scattering studies of spin-glass alloys 8-68265
- Murani, A.P. see Wedgwood, F.A. 8-71810
- Murano, R. see Lewellen, T.K. 8-85444
- Muranai, T., Furukoshi, M. Properties of stannic oxide thin films produced from the $\text{SnCl}_4\text{-H}_2\text{O}$ and $\text{SnCl}_4\text{-H}_2\text{O}_2$ reaction systems 8-52686
- Muranova, G.A., Fadeeva, E.I., Perveev, A.F. Dependence of the index of refraction and microporosity of zirconium dioxide films on the deposition conditions 8-90467
- Murao, R.R. de Freitas see de Freitas Murao, R.R.
- Muraoka, K. see Iguchi, H. 8-51320
- Murarka, S.P. Oxygen pressure dependence of the retrogrowth of oxidation-induced stacking faults in (100) silicon 8-64747
- Murarka, S.P. see Chang, C.C. 8-53284
- Murasaki, T. see Horioka, K. 8-74881
- Murase, C. Mode coupling effects on the transverse current memory function in the dynamical region of classical liquids 8-83706
- Murase, K. Phase transition in SnTe-PbTe-GeTe alloy semiconductors 8-91443
- Murase, K. see Kawamura, H. 8-76416
- Murase, M. see Yamamoto, H. 8-54813
- Murashko, M.G. see Oldovskii, P.P. 8-67264
- Murashov, A.A. see Belok, A.I. 8-80456
- Murashov, D.A. see Golenskii, S.P. 8-61810
- Murashov, V.V. see Vinogradov, N.V. 8-60954
- Murashov, V.V. see Vinogradov, N.V. 8-60954
- Murasik, A., Ptasiwicz-Bak, H., Zygmunt, A. Magnetic structure and crystal-field effects in CeZn 8-52223
- Murata, H. see Igarashi, Y. 8-87021
- Murata, H. see Miura, M. 8-75740
- Murata, H. see Takizawa, S. 8-65920
- Murata, K., Kotera, M., Nagami, K. Remarks on the calculation of energy loss in electron-resist films on substrates 8-87728
- Murata, K. see Takenaka, T. 8-63772
- Murata, M. see Nishiyama, T. 8-67211
- Murata, M. see Watanabe, M. 8-53025
- Murata, S., Miyake, Y., Tsujimoto, Y., Yamamoto, F. Study of three-dimensional unsteady Oseen flow 8-67167
- Murata, S., Ogawa, T., Gotoh, M. On the flow in a centrifugal impeller. II. Effects of change in impeller width 8-63513
- Murata, S. see Inaba, T. 8-87390
- Murata, T. see Hashimoto, S. 8-92110
- Murata, Y., Murakami, S. Temperature dependence of the LEED Kikuchi pattern and surface reconstruction of MgO (001) cleavage face 8-84038
- Murata, Y., Takeuchi, S. Preparation of clean surfaces 8-80664
- Murata, Y. see Baba, K. 8-93987
- Murata, Y. see Masuda, T. 8-53228, 8-53337
- Murata, Y. see Murakami, S. 8-83689
- Murata, Y. see Namba, H. 8-62264, 8-78044
- Muratorio, G. Spectrophotometric study of the Large Magellanic Cloud emission line star Hen 522 8-69803
- Muratova, B.L. see Dulnev, G.N. 8-77502
- Murav'ev, I.F. see Tonkonog, V.G. 8-55681
- Murav'ev, N.I. see Vorob'ev, V.V. 8-71159
- Murav'ev, V.A. see Pantelev, V.A. 8-87824
- Murav'eva, K.K. Relative supersaturation during vacuum condensation 8-84081
- Murav'eva, K.K. see Frank-Kamenetskaya, G.E. 8-88023
- Murawski, L. see Chomka, W. 8-80283
- Murayama, H. see Sakaguchi, K. 8-84939
- Murayama, M. Theoretical background of light beam snowfall intensity meter 8-85736
- Murayama, M. see Goto, T. 8-87042
- Murayama, M. see Mori, M. 8-58983
- Murayama, S., Nagasawa, H. NMR study and susceptibility maximum of $\alpha\text{-Mn}$ metal 8-56386
- Murayama, Y., Matsumoto, M., Kashiwagi, K. Ion plating 8-92202
- Murayama, Y. see Shida, K. 8-74027
- Murch, G.E., Thorn, R.J. Computer simulation of carbon activity and transport in UC_x 8-86618
- Murch, G.M., Paulson, J.A. Colorimetric matches of McCullough aftereffects 8-65026
- Murcia, M. de see de Murcia, M.
- Murcay, D.G., Goldman, A., Bradford, C.M., Cook, G.R., Van Allen, J.W., Bonomo, F.S., Murcay, F.H. Identification of the ν_2 vibration-rotation band of ammonia in ground level solar spectra 8-81287
- Murcay, D.G. see Goldman, A. 8-61493
- Murcay, D.G. see Loewenstein, M. 8-81288
- Murcay, D.G. see Olson, J.R. 8-69497
- Murcay, F.H. see Murcay, D.G. 8-81287
- Murcay, W.B. see Sivjee, G.G. 8-65437
- Murday, J.S. see Singer, I.L. 8-72297, 8-72662
- Murdin, P., Clark, D.H., Culhane, J.L. Coronal lines in supernova remnant spectra 8-65676
- Murdin, P.G. see Coulson, I.M. 8-77590
- Murdin, P.G. see Manchester, R.N. 8-77569
- Murdin, P.G. see Mason, K.O. 8-93471
- Murdin, P.G. see Parkes, G.E. 8-93472
- Murdin, P.G. see Smith, F.G. 8-93292
- Murdin, P.G. see White, N.E. 8-81711
- Murdoch, A.I. see Gurtin, M.E. 8-63290
- Murdoch, B.T. see Anderson, A.N. 8-74368
- Murdoch, B.T. see McCamis, R.H. 8-74363
- Murdoch, H.S., White, G.L. Radio and optical spectra of sources from the Molonglo Deep Survey 8-69900
- Murdoch, H.S. see Hunstead, R.W. 8-96555
- Murdoch, W.S. Site radiography incident involving a 20 curie cobalt-60 source 8-53523
- Murdock, E.S., Mountfield, K.R., Corruccini, L.R. Spin diffusion in $^3\text{He-}^4\text{He}$ solutions under pressure 8-56018
- Murdock, J.N. Travel time and spectrum stability in the two years preceding the Yellowstone, Wyoming, Earthquake of June 30, 1975 8-61352
- Murdock, J.W. The near-field disturbance created by a body in a stratified medium with a free surface 8-59443
- Murel', A.V., Nikandrov, A.I., Shitova, E.V., Zorin, E.I. Relaxation of nonequilibrium capacitance in MOS structures irradiated with argon ions 8-64140
- Murgatroyd, W. see Rakopoulos, C.D. 8-94808
- Murgatroyd, W. see Shanawany, M.E. 8-59447
- Murilo Oliveira, P. see Oliveira, L.E. 8-63761
- Murin, J. see Oravcova, J. 8-91962
- Murina, T.A., Rozanov, N.N. Stabilization by an external signal of a solid-state ring laser with additional mirrors 8-82998
- Murnikov, B.A. see Kramer, E.N. 8-61818
- Muro, K. see Yamanaka, M. 8-52474
- Muromtsev, V.I. see Shteinshneider, N.Ya. 8-88170
- Murota, T. see Abe, Y. 8-74250
- Murota, T. see Kato, K. 8-75108
- Murovannaya, S.G. see Sobolev, S.I. 8-84872
- Murphree, J.S., Anger, C.D. Instantaneous auroral particle energy deposition as determined by optical emissions 8-81491
- Murphree, J.S., Robertson, I.W.H., Anger, C.D., Cogger, L.L. Rocket observations of auroral albedo over snow 8-77384
- Murphree, J.S. see Anger, C.D. 8-88965
- Murphy, A.H., Thompson, J.C. On the nature of the nonexistence of ordinal relationships between measures of the accuracy and value of probability forecasts: an example 8-61503
- Murphy, B.J. Pattern thresholds for moving and stationary gratings during smooth eye movement 8-61178
- Murphy, B.J. see Knowler, E. 8-61189
- Murphy, C.E., Jr. see Watts, J.R. 8-96101
- Murphy, E.G. see Whittle, H.R. 8-62624
- Murphy, E.V., Simmons, G.R. A material irradiation facility for the WR-1 reactor 8-54868
- Murphy, E.V., Simmons, G.R. The WR-1 corrosion test facility 8-89945
- Murphy, E.V. see Rosinger, H.E. 8-84948
- Murphy, F.V. see Caldwell, D.O. 8-54635
- Murphy, G.F., Stephens, R. Applications of the Zeeman effect to analytical atomic spectroscopy. V. Use of commercial hollow-cathode lamps 8-85275
- Murphy, G.L. Gravitons from a spinning rod 8-62137
- Murphy, G.L. Strings in the embedding space 8-89654
- Murphy, G.L., Burman, R.R. Electrodynamic and gravitational effects of Proca stresses in astrophysics 8-93098
- Murphy, H.D., Lawton, R.G. Downhole measurements of thermal conductivity in geothermal reservoirs 8-61618
- Murphy, J. Patterned optical filters to encode spectral information for solid state imaging devices 8-66945
- Murphy, J.A., O'Donohoe, M.R. A class of algorithms for obtaining rational approximants to functions which are defined by power series 8-54169
- Murphy, J.A. see Bailey, G.J. 8-93035
- Murphy, J.C. see Aamodt, L.C. 8-65977
- Murphy, J.D., Breitenbach, E.D., Uberall, H. Resonance scattering of acoustic waves from cylindrical shells 8-83138
- Murphy, J.H. see Chi, J.W.H. 8-50393
- Murphy, J.H. see Janocko, M.A. 8-62639
- Murphy, J.O. The effect of a magnetic field on the onset of thermal convection when constant flux boundary conditions apply 8-69676
- Murphy, M.J., Davids, C.N., Norman, E.B., Pardo, R.C. Mass and low-lying levels of ^{67}Ge ; trends in the structure of $^{63,65}\text{Ni}$, $^{65,67}\text{Zn}$, and $^{67,69}\text{Ge}$ 8-66213
- Murphy, M.J. see Davids, C.N. 8-70436
- Murphy, M.J. see Norman, E.B. 8-78317
- Murphy, P.G. see Singh, J. 8-93910
- Murphy, P.I. see Maher, B.O. 8-53678
- Murphy, R.B. see Currie, L.A. 8-69445
- Murphy, R.D. see Lotko, W. 8-79974
- Murphy, R.E. see Sakai, H. 8-58070
- Murphy, R.J. see Grinberg, J. 8-79141
- Murphy, W.D., Bernabe, M.L. Numerical procedures for solving nonsymmetric eigenvalue problems associated with optical resonators 8-82992
- Murphy, W.F. The rovibrational Raman spectra of water vapour ν_1 and ν_2 8-90174
- Murphy, W.F., Sunder, S., Katz, H. Raman spectrum of gaseous perchloryl fluoride and the deconvolution of bands due to a single isotopic species 8-78712
- Murphy, W.F. see Bernstein, H.J. 8-80364
- Murphy, W.R., Polk, C.J., Rowe, C.N. Effect of lubricant additives on water-accelerated fatigue 8-64710
- Murr, L.E., Lerner, S.L. Explosive-shock deformation of natural chalcocite (CuFeS_2) 8-95108
- Murr, L.E., Moin, E., Wongwiwat, K., Staudhammer, K.P. Effect of peak pressure and pressure-pulse duration on crystallographic transformations in shock-loaded metals and alloys 8-67769
- Murr, L.E., Sattler, M.L. A critical evaluation of the effect of electric fields on the residual structure of vapor-deposited metal films 8-51836
- Murr, L.E., Venkatesh, E. Contrast phenomena and the identification of grain boundary ledges 8-51555
- Murr, L.E. see Inal, O.T. 8-67768
- Murr, L.E. see Meyers, M.A. 8-59818
- Murr, L.E. see Moin, E. 8-80561
- Murray, A., Neilson, J.M.M. Diagnostic percussion: a study of chest-wall motion and the associated tactile sensation 8-81040
- Murray, A.F., Lockwood, D.J. Raman spectrum of the puzzling paraelectric phase of nickel-iodine borate 8-60434
- Murray, A.F., Lockwood, D.J. Raman spectral study of cubic nickel-iodine borate 8-76479
- Murray, A.F. see Bruce, A.D. 8-91418
- Murray, A.L. see Waskiewicz, J.D. 8-51189
- Murray, B., Gulkis, S., Edelson, R.E. Extraterrestrial intelligence: an observational approach 8-61759
- Murray, C.A. On the precession and nutation of the Earth's axis of figure 8-65167
- Murray, C.A. Fundamental astrometry and the definition of the pole 8-93078
- Murray, C.G., Kirkegaard, A.G. The Thomson Orogen of the Tasman Orogenic Zone 8-96213
- Murray, C.G. see Day, R.W. 8-96214
- Murray, D.K. see Birch, J.R. 8-89568
- Murray, E.R. Remote measurement of gases using differential-absorption lidar 8-61603
- Murray, E.R., van der Laan, J.E., Hawley, J.G., Hake, R.D., Jr., Williams, M.F. DIAL systems for monostatic sensing of atmospheric gases 8-69525
- Murray, E.R. see Randhawa, J.S. 8-69459
- Murray, F. Rotating assignment of a student as class notetaker 8-81734
- Murray, G.C. see Resnik, J.A. 8-92763
- Murray, H., Heim, W.J. PLT ion temperature system design and operation [power supply characteristics] 8-54942
- Murray, H. see Deitz, A. 8-66385, 8-70639
- Murray, I.P.C. see Boyd, R.E. 8-61241
- Murray, J.C. On a class of linear capillary-gravity wave problems 8-51178
- Murray, J.D. see Mathewson, D.S. 8-69884
- Murray, J.E., Lowdermilk, W.H., Downs, D.C., Kuizenga, D.J. Synchronized diagnostic pulse system for fusion lasers 8-51365
- Murray, J.E. see Downs, D.C. 8-50837, 8-83003
- Murray, J.G., Bronner, G., Horton, M. TFTR motor generator [pulsed power supply] 8-58498
- Murray, J.R., Goldhar, J., Eimerl, D., Szoke, A. Large-signal gain and intensity enhancement in a backward Raman amplifier 8-90450

- Murray, J.R., Goldhar, J., Szoke, A. Raman pulse compression of KrF lasers for laser fusion applications 8-59086
- Murray, J.R., Goldhar, J., Szoke, A. Backward Raman gain measurements for KrF laser radiation scattered by CH₄ 8-66863
- Murray, J.R., Powell, H.T. Laser experiments on KrCl and ArF $^{2}\Sigma^{-2}\Sigma$ transitions 8-63080
- Murray, J.R. see Powell, H.T. 8-63085
- Murray, J.W., Gill, G. The geochemistry of iron in Puget Sound 8-69370
- Murray, K., Guenzler, C.S. Absolute determination of dose rate from energetic electron beams 8-74103
- Murray, L.E. see Guinn, V.P. 8-85274
- Murray, M.J. see Hannink, R.H.J. 8-84967
- Murray, M.J. see Sanders, J.V. 8-87658
- Murray, M.T. see Robinson, P.M. 8-88623
- Murray, P.T. see Baer, T. 8-73028
- Murray, R.B. see McMullan, J.T. 8-71274
- Murray, R.J., Norris, B., Richards, B.P. Application of ion-etching of grooves into quartz for surface acoustic wave devices 8-95822
- Murray, R.J., Peach, R.C., Neylon, S. True quadrature taps for SAW delay lines 8-87222
- Murray, R.W. see Brandt, E.S. 8-95981
- Murray, S. see Bardas, D. 8-93110
- Murray, S. see Loder, T.C. 8-61394
- Murray, T.M. see Borodoli, K.C. 8-71193
- Murray, T.M., Jr. see Cox, J.R. 8-73287
- Murray, T.M., Jr. see Sanders, C. 8-73288
- Murray, W. see Savvides, N. 8-94580
- Murray Lloyd, E.K. see Blaney, T.G. 8-55345
- Murray Lloyd, E.K. see Davies, P.B. 8-66564
- Murray-Rust, P., Bland, R. Computer retrieval and analysis of molecular geometry. II. Variance and its interpretation 8-83644
- Murray-Rust, P., Burgi, H.B., Dunitz, J.D. Distortions of MX₄ molecules from T_d symmetry. I. Kernel, Co-kernel and averaged configurations 8-63705
- Murray-Rust, P., Burgi, H.B., Dunitz, J.D. Distortions of MX₄ molecules from T_d symmetry. II. Analysis of PO₄, SO₄ and AlCl₄ species 8-63706
- Murray-Rust, P., Motherwell, S. Computer retrieval and analysis of molecular geometry. I. General principles and methods 8-83643
- Murray-Rust, P., Motherwell, S. Computer retrieval and analysis of molecular geometry. III. Geometry of the 8-1'-aminofuranoside fragment 8-83645
- Murrell, J.N., Carter, S., Varandas, A.J.C. Analytical potentials for triatomic molecules from spectroscopic data. IV. Application to linear molecules 8-62743
- Murrell, J.N., Yinnon, A.T., Gerber, R.B. Applications of symmetry in coupled channel atom-surface scattering calculations 8-92156
- Murrell, J.N. see Gerber, R.B. 8-64437
- Murrell, J.N. see Kinnerly, S.R. 8-66648
- Murrell, J.N. see Stace, A.J. 8-62882
- Murri, R. see Augelli, V. 8-68041
- Murri, R. see Manfredotti, C. 8-84216
- Murry, T. see Singh, S. 8-92651
- Mursalov, T.M. see Guseinov, I.I. 8-62698, 8-62699
- Murtagh, M.J. see Baltay, C. 8-70354
- Murtagh, M.J. see Cnops, A.M. 8-78167
- Murtagh, M.J. see Kalelkar, M. 8-89700
- Murtas, G.P. see Baldini-Celio, R. 8-89724
- Murtazin, I.A., Salamатов, E.I. Vibrational spectrum of crystals containing interstitial atoms with split configuration 8-76450
- Murthy, A.K. see Gopala Rao, R.V. 8-63663
- Murthy, A.S.N. see Srivastava, R.C. 8-60155
- Murthy, B.S. see Sastri, J.H. 8-69562
- Murthy, B. Suryanarayana see Suryanarayana Murthy, B.
- Murthy, G.S. Palaeomagnetic results from the Nain anorthosite and their tectonic implications 8-77178
- Murthy, I.V. Radhakrishna see Radhakrishna Murthy, I.V.
- Murthy, K.S.K. see Hoenig, S.A. 8-77122
- Murthy, M.N. Sankarshana see Sankarshana Murthy, M.N.
- Murthy, M.V.N. see Ramachandran, G. 8-74348, 8-74349
- Murthy, M.V. Ramana see Ramana Murthy, M.V.
- Murthy, N. Manohara see Manohara Murthy, N.
- Murthy, N.S.S. see Rakhecha, V.C. 8-84391
- Murthy, N.S. Satya see Satya Murthy, N.S.
- Murthy, P.V. Ramana see Ramana Murthy, P.V.
- Murthy, R.S. see Ramachandran, G. 8-74349
- Murthy, S.N., Ali, A.A. Homogeneous and heterogeneous reactions on the dispersion of a solute in a porous medium 8-55697
- Murthy, S.V. Proton magnetic resonance study of some hexahydrates and tetrahydrates 8-52361
- Murthy, T.G. Krischna see Krischna Murthy, T.G.
- Murthy, V.L.R. see Lakshman, S.V. 8-92087
- Murthy, V.R., Naidu, S.V. Magneto-optical rotation and molecular polarizability of PEG [poly(ethylene glycol)] 8-58726
- Murthy, V. Rama see Rama Murthy, V.
- Murthy, V.R.K., Sankar, S.C., Reddy, K.V., Sobhanadri, J. Mossbauer and infrared studies of some nickel-zinc ferrites 8-64300
- Murthy, V.S., Rose, W.C. Detailed measurements on a circular cylinder in cross flow 8-94758
- Murti, Y.V.G.S., Usha, V. Cohesion in lead chloride 8-79558
- Murto, J. see Perttala, M. 8-74661
- Murty, A.V. Krishna see Krishna Murty, A.V.
- Murty, A.V.S., Swamy, G.N. A possible crust-mantle configuration near Trivandrum deduced from Indian geomagnetic data 8-85520
- Murty, Bh.V. see Mukherjee, B.K. 8-81332
- Murty, B.V. Satyanarayana see Satyanarayana Murty, B.V.
- Murty, C.R.K. see Kishore, P.R. 8-75542
- Murty, D.S.R. see Swamy, S.T.P.V.J. 8-62768
- Murty, K., Suga, H., Lalevic, B., Wiessmann, S. Correlation between the defect structure and electrical properties of deformed Si surfaces 8-72231
- Murty, K.N. see Babu, R.P. 8-86509
- Murty, K.N. see Subrahmanyam, V.V.V. 8-56545
- Murty, P.S. On the infrared bands of AlO related to Mira phenomena 8-69801
- Murty, P.V.R. see Bhat, P.N. 8-65470
- Murty, S.N., Prabhakar Ram, R.K. Heat transfer in MHD Ekman layer on a porous plate 8-79385
- Murty, V.A.N. see Babu, R.P. 8-86509
- Murty, V. Narayana see Narayana Murty, V.
- Murty, V.V.N., Scott, V.H. Determination of transport model parameters in groundwater aquifers 8-61463
- Murugesu, S. see Oh, C.H. 8-66032
- Murugov, V.M. see Astrof, Yu.A. 8-49903
- Murugov, V.M. see Zadorozhnyi, V.I. 8-68021
- Murulin, A.P. see Morozov, E.V. 8-53080
- Murumyants, S.O. see Alekseev, V.V. 8-61587
- Muryin, B. see Bockmann, K. 8-93912
- Murzin, L.M. see Tophchyan, L.S. 8-67744
- Murzin, V.N. see Kononenko, V.I. 8-79944
- Murzin, V.S. see Azaryan, M.O. 8-70366
- Murzin, V.S. see Batskovich, S. 8-55118
- Murzin, V.S. see Dombek, T. 8-82255
- Murzin, V.V. see Bakhrakh, L.E. 8-51354
- Musakhanov, M.M. see Galimzyanov, R.M. 8-78423
- Musatov, A.L. see Korotkiikh, V.L. 8-57979, 8-64447, 8-68071
- Musatov, M.I. see Abramov, V.N. 8-84605
- Musazzi, S. see Giglio, M. 8-54336
- Muscat, J.P., News, D.M. Valence electronic structure of alkalis adsorbed on free-electron like and transition metals 8-72235
- Muscati, A. Elastic plastic fracture analysis of a cracked thick walled cylinder under displacement controlled loading 8-67119
- Muschelknautz, E. see Heckenbach, M. 8-67291
- Muschik, H., Dragaun, H., Skalicky, P. The influence of shear on the crystallisation of isotactic polypropylene 8-75586
- Muschik, W. Empirical foundation and axiomatic treatment of non-equilibrium temperature 8-57882
- Muschlitz, E.E., Jr. see Sheldon, J.W. 8-70912
- Muschwitz, C. see Jacobi, K. 8-76584
- Musi, M. see Bianchi, A. 8-66865
- Muse, J.D. see Burdett, J.K. 8-92492
- Museliari, V.Sh., Vertogradskii, V.A., Skazin, V.E., Shmulevich, R.S. Effect of low-temperature continuous and cyclic heating on the electrical resistance of brand VA tungsten and brand VR-20 tungsten-rhenium alloy 8-92370
- Muser, H.E., Kuhn, W., Albers, J. Optical investigation of the cubic-tetragonal phase transition in BaTiO₃ single crystals 8-95564
- Muser, H.E. see Helwig, J. 8-64333
- Musgrave, B. see Derrick, M. 8-82197
- Musgrove, A.R.de L., Allen, B.J., Macklin, R.L. Neutron-capture resonance parameters and cross sections for the even-A isotopes of cadmium 8-50161
- Mush, J., Zacek, F. Localization of a high-power microwaves absorption in the cylindrical plasma column at $\omega_{pe} \ll \omega \ll \omega_{ce}$ 8-51319
- Musha, T., Higuchi, H. Traffic current fluctuation and the Burgers equation 8-49765
- Mushiake, Y. see Taniuchi, T. 8-75000
- Mushin, I.A., Chapkovskii, I.M. Structural analysis of graphs in digital seismic data processing 8-53749
- Musielok, J. see Halenka, J. 8-67473
- Musil, V.L. see Kramer, E.N. 8-61818
- Musil, D.P., Stephens, R.I. Fatigue crack closure with negative stress ratio following single tensile overloads in 2024-T3 and 7075-T6 aluminum 8-64687
- Musil, J. see Bardos, L. 8-64744
- Musil, J. see Datlov, J. 8-91125
- Musil, J. see Marha, K. 8-77011, 8-77012
- Musin, D.R. see Ivanov, L.N. 8-72076
- Musinski, D.L., Henderson, T.M., Simms, R.J. Laser fusion experiments with cryogenic targets 8-58486
- Muska, W.M. see Abbott, S.M. 8-55390
- Musket, R.G. Studies of clean and oxidized tellurium surfaces 8-73086
- Musman, S. see Nelson, G.D. 8-57521
- Musmann, G., Seiler, E. Detection of meridional currents in the equatorial ionosphere 8-85767
- Musoglu, E. see Demeester, M. 8-85433
- Mussared, M.R. Multi-fluid, high temperature cavitation tunnel. Description and operating manual 8-63521
- Musset, P., Vialle, J.-P. Neutrino physics with Gargamelle 8-50027
- Musset, P. see Alibran, P. 8-50026
- Mussett, A.E. see Dagley, P. 8-61320, 8-73306
- Mussig, H.-J. see Adolphi, B. 8-68841
- Musso, A. see Bonazzola, G.C. 8-74402
- Mustafa, M.G., Ferguson, R.L. Calculation of spontaneous fission properties of very heavy nuclei: $98 \leq Z \leq 106$ and $150 \leq N \leq 164$ 8-82401
- Mustafa, M.M. see McKerrell, A. 8-78271
- Mustafa, M.R. see Booth, R.J. 8-80229
- Mustafa, S.M., Mahesh, K. Criterion for determining saturation current in parallel plate ionization chambers 8-55098
- Mustafa, S.M., Mahesh, K. Some features of the mean level response of a free-air ionization chamber for α -rays 8-90024
- Mustafa, S.M. see Mahesh, K. 8-74539
- Mustafaev, A.S. see Kaplan, V.B. 8-71551
- Mustafaev, Kh.A. see Guliev, N.A. 8-58195
- Mustafaev, M.R., Naziev, Ya.M. Design of a calorimeter for measuring thermal capacities of liquids at high pressure 8-74001
- Mustafaev, R.A. Apparatus for complex thermophysical studies of liquids at high state parameters in the monotonic heating regime 8-57953
- Mustafaeva, S.N. see Abdullaev, G.B. 8-56248, 8-60233
- Mustafakulov, D. see Vitovskii, N.A. 8-51937
- Mustaffa, O.M. see Simister, D.N. 8-70424
- Mustafin, Yu.I. see Boiko, L.M. 8-68734
- Mustaqeem see Lal, K.B. 8-70036
- Muster, W.J., Hochhaus, C. Adaption of a simple sputtering apparatus for metallographic ion etching 8-56849
- Musvik, A.B. see Kozlov, V.M. 8-91000
- Muszynska, A. Motion of a shaft with nonlinear elastic and internal damping properties 8-71290
- Muszynski, Z. see Piskorski, M. 8-52690
- Muta, H. Electrical properties of platinum-silicon contact annealed in an H₂ ambient 8-64110
- Muta, K., Takezoe, H., Fukuda, A., Kuze, E. Anomalous magnetic field induced birefringence in 4'-n-heptyloxy-4-cyanobiphenyl in isotropic phase 8-56461
- Muta, T., Hori, Y., Yamada, Y., Kato, H. The impact fracture of glass beads and cast steel shots 8-92338
- Mutafelija, B.A. see Cooper, K.F. 8-50251
- Mutaftschiev, B. see Landers, R. 8-67668
- Mutal, A.M. see Bashenov, V.K. 8-51688, 8-72067
- Mutchler, G.S., Felder, R.D., Hudomal-Gabitzsch, J., Duck, I., Clement, J., Williams, T.M., Hogstrom, K.R., Dragoset, W.H., Phillips, G.C., Hungerford, E.V., Warneke, M., Mayes, B.W., Lee, L.Y., Allred, J.C. n-p final state interactions in p-p pion production at 800 MeV 8-70387
- Mutchler, G.S. see Duck, I. 8-62525
- Mutchler, G.S. see Hudomalj-Gabitzsch, J. 8-70385
- Muth, H. see van Kaick, G. 8-96072
- Muthanna, M. see Nath, G. 8-94795
- Muthanna, S.K. see Chandrashekhara, K. 8-51066
- Muther, H. see Allaart, K. 8-54702
- Muther, H. see Amos, K. 8-82300
- Muther, H. see Hsi-Tseng Chen 8-54696
- Muthsam, H., Weiss, W.W. On the classification criteria of Cr-stars 8-85951
- Muthukumar, M., Rice, S.A. On the influence of nonrandom sequential coupling on radiationless relaxation processes 8-90205
- Muthukumar, M. see Freed, K.F. 8-55967
- Muto, H. see Iwasaki, M. 8-76839
- Muto, K., Kuroda, T., Murakami, H., Uchida, K., Takase, H., Kasai, Y. Two-dimensional vibration test and its simulation analysis for vertical slice model of HTGR core 8-58328
- Muto, K. see Horie, H. 8-54667
- Muto, M. see Sugawara, M. 8-74515
- Muto, N. see Kohara, S. 8-60008
- Muto, S., Oguchi, T. Ising model on the Bethe lattice with competing interactions 8-64177
- Muto, T. see Tachikawa, J. 8-58396
- Muto, Y. see Aochi, T. 8-66330
- Mutoh, S. The boson propagator in Reggeon field theory 8-74138

- Mutoh, Y. *see* Ohji, K. 8-52954
- Mutsaers, C.A.H.A. *see* Boonstra, A.H. 8-84315
- Mutsukura, N., Machi, Y. Epitaxial growth of ZnSe by vapor flow method 8-64482
- Mutter, J.C. *see* Jongsma, D. 8-96179
- Mutterer, M. *see* Schielhaas, K.-P. 8-86730
- Mutton, P.J., Watson, J.D. Some effects of microstructure on the abrasion resistance of metals 8-92367
- Mutze, U. On the irreducible representations of groups that contain a subgroup of index 2 8-57733
- Muuss, H. *see* Merkle, F. 8-70704
- Muzafarov, V.M., Troitskii, V.E., Shirokov, Yu.M. Relativistic corrections to charge form factor of deuteron accompanying high imparted momentums 8-58189
- Muzdeka, S. *see* Djukic, Z. 8-57082
- Muzhetskii, V.F. *see* Smirnov, A.S. 8-88608
- Muzik, J. *see* Blazek, V. 8-82924
- Muzinich, I. *see* Jackiw, R. 8-54555
- Muzinich, I.J. *see* Appelquist, T. 8-66039
- Muzlykov, G.G., Prostetsov, G.P. The effect of sorption on the determination of mercury by atom absorption of cold vapours 8-73122
- Myagkov, A.V. *see* Yalamov, Yu.I. 8-79364
- Myagkov, Yu.P. *see* Zatspin, N.N. 8-53154
- Myakin, G.V. *see* Martynenko, O.G. 8-69488
- Myall, J. *see* Summers, M. 8-59035
- Myall, J.O. *see* Hurley, C.A. 8-63135
- Myasnikov, E.N. *see* Daydov, A.S. 8-60518
- Myasnikov, I.A. *see* Cutman, E.E. 8-67913
- Myasnikova, L.P. *see* Friedland, K.J. 8-75562
- Myasnikova, L.P. *see* Marikhin, V.A. 8-76706
- Myasnikova, R.M. *see* Abovyan, E.S. 8-79774
- Myatt, G. *see* Bosetti, P.C. 8-70357
- Mychuda, Z.R. *see* Zubov, V.G. 8-77872, 8-81963
- Mycielski, J. Keyboards for pure music 8-83183
- Mycielski, W. *see* Lipinski, A. 8-51413
- Mydosh, J.A. Spin glasses—recent experiments and systems 8-52274
- Mydosh, J.A. *see* Nieuwenhuys, G.J. 8-64188, 8-88131
- Mydosh, J.A. *see* Verbeek, B.H. 8-52264
- Myer, M.N. *see* Giddings, J.C. 8-61062
- Myers, B.F. *see* Stansfield, O.M. 8-86622
- Myers, B.R., Levine, M.A. Two-dimensional spectral line emission reconstruction as a plasma diagnostic 8-67415
- Myers, D., Patterson, M.M. A versatile two-part system for on-line measurement of multiple response parameters 8-57136
- Myers, D.K. Low-level radiation: a review of current estimates of hazards to human populations 8-57043
- Myers, D.K. *see* Marko, A.M. 8-61222
- Myers, D.L., Partus, F.P. Atlanta Fiber System Experiment: Preform fabrication and fiber drawing by Western Electric Product Engineering Control Center 8-90532
- Myers, D.R., Phillips, W.E. Existence of an isotope shift for the sulfur deep level in silicon 8-63999
- Myers, D.R. *see* Koyama, R.Y. 8-91643
- Myers, G.D., Ambrose, J.G., James, P.B., Leventhal, J.J. Spin conservation in electron-capture collisions 8-82837
- Myers, G.D., Leventhal, J.J. Inelastic collisions of 2-800-eV He⁺ and He₂⁺ with Mg and Zn atoms 8-94312
- Myers, G.E. The critical time step for finite-element solutions to two-dimensional heat-conduction transients 8-71260
- Myers, L.T. *see* Allas, R.G. 8-86539
- Myers, M.N. *see* Giddings, J.C. 8-90327
- Myers, R.D. *see* Kauffman, G.B. 8-81957
- Myers, R.J., Hillberry, B.M. Effect of notch root radius on the fracture behaviour of monocrystalline silicon 8-76751
- Myers, R.L. *see* Wang, I.T. 8-85649
- Myers, S.M., Follstaedt, D.M., Rack, H.J. An ion-beam study of Sb trapping in Fe-Ti-Sb-C alloys 8-92312
- Myers, S.M., Rack, H.J. Ion-beam investigation of Sb diffusion and solubility in Fe [in relation to intergranular embrittlement] 8-71880
- Myers, W.A. *see* Meyer, R.A. 8-70496
- Myerscough, V.P. *see* Koopman, D.W. 8-83612
- Myhra, S. Defect annealing and transport properties in high-purity InSb irradiated at 80K 8-95307
- Myhrer, F. Low energy nucleon-antinucleon interaction 8-62444
- Myklebust, K. *see* Enriquez, O. 8-82195
- Myklebust, J. *see* Cohen, B.A. 8-92729
- Myklebust, R. *see* Dalen, H. 8-57148
- Myklebust, R. *see* Saetersdal, T.S. 8-53593
- Myln'nikov, A.V., Savchenko, V.I. Device for investigating materials in creep under action of various temperatures and radiation 8-60920
- Mylnikova, I.E. *see* Pisarev, R.V. 8-76441
- Mylopoulos, J. *see* Tsotsos, J. 8-81031
- Mylrea, K.C. *see* Demer, J.L. 8-77146
- Mylyk, O.S. *see* Zhuk, I.T. 8-73002
- Myncke, H. *see* Steenackers, P. 8-75013
- Myndel, T. *see* Enriquez, O. 8-78170
- Myntick, H.E., Kaufman, A.N. Soluble theory of nonlinear beam-plasma interaction 8-59619
- Myrabo, H.K. Stellar photometry in the Northern Light Zone. I 8-69698
- Myrabo, H.K. Stellar photometry in the Northern Light Zone. II 8-69699
- Myrianthis, M.L., Leach, B. Basic geotechnical and mineralogical properties of the weathered Athenian schist 8-61408
- Myrianthopoulos, L.C. *see* Anderson, H.L. 8-50036
- Myrianthopoulos, L.C. *see* Gordon, B.A. 8-82216
- Myron, H.W., Mueller, F.M. Electronic structure of PdSb 8-51885
- Myron, H.W. *see* Arko, A.J. 8-75985
- Myron, H.W. *see* Freeman, A.J. 8-63834
- Myron, H.W. *see* Mueller, F.M. 8-64163
- Myron, H.W. *see* van Kessel, A.T. 8-72066
- Mysak, L.A. Long-period equatorial topographic waves 8-92835
- Mysak, L.A., Howe, M.S. Scattering of Poincare waves by an irregular coastline. II. Multiple scattering 8-57216
- Mysak, L.A. *see* LeBlond, P.H. 8-57219
- Mysels, K.J. Solvent tension or solvent dilution. Which gives a simpler explanation of osmotic pressure? 8-73803
- Myshenkov, V.I., Makhviladze, G.M. The stabilizing effect of turbulent transport processes on the ionization instability of glow discharge 8-59698
- Myshenkov, V.I. *see* Makhviladze, G.M. 8-53207
- Myshlyayev, M.M., Aristova, I.M., Likhachev, V.A. The hardening of metals due to an increase in the stability of subgrain boundaries 8-52934
- Myskin, O.K. *see* Bocharov, V.N. 8-75259
- Mysles, K.J., Frankel, S.P. The effect of a surface-induced gradual viscosity increase upon the thickness of entrained liquid films and the flow in narrow channels 8-83488
- Myslivec, T. *see* Krusina, J. 8-63908
- Myslivec, T. *see* Pham gia Khien 8-63907
- Mysryrowicz, A. *see* Bontemps, N. 8-52559
- Myszkowski, A. *see* Shewchun, J. 8-52061
- Mytilineou, E. Dependence of the Hall mobility on composition in As₂(S,Se,Te)₃ glasses 8-68042
- Mytrophanov, I.G. *see* Dolginov, A.Z. 8-96428
- Myung Hun Lee Variance and covariance of irradiance of a finite beam in extremely strong turbulence 8-63008
- Myung Hyo Chul *see* Hyo Chul Myung
- Myung-Hwan Whangbo, Hoffmann, R. Counterintuitive orbital mixing 8-74564
- Na, T.Y. Numerical solution of natural convection flow past a non-isothermal vertical flat plate 8-67194
- Naavr, R.L. *see* Le Naavr, R.
- Nabavi, R.P. *see* Pham, X.Y. 8-82165
- Naberezhnykh, V.P. *see* Zherebchevskii, D.E. 8-76165
- Nabergoj, R. *see* Ceschia, M. 8-75176
- Naberukhin, Yu.I. *see* Korsunskii, V.I. 8-87608
- Naberukhin, Yu.I. *see* Medvedev, N.N. 8-84575
- Nabich, V.K., Pirogov, V.A., Vakulenko, I.A. Strain-hardening parameters determined from the stress-strain curve 8-80562
- Nabiev, Sh.I. *see* Vul', A.Ya. 8-56188
- Nabiullin, F.Kh. *see* Lidorenko, N.S. 8-83065
- Naboikin, Yu.V. *see* Avdeenko, A.A. 8-84652
- Naboikin, Yu.V. *see* Kremarenko, N.L. 8-91244
- Nabokov, P.I. *see* Monosov, Ya.A. 8-63197
- Nabotnov, Yu.N., Vasilchenko, G.S., Koshelev, P.F., Merinov, G.N. Brittle fracture design of structures 8-72869
- Nabutovskii, L.Sh. *see* Burova, E.M. 8-79501
- Nacasch, R., Defoix, Ch., Dobrzynski, L., De Guevara, P.L., Raghavan, R., Aguilar-Benitez, M., Diaz, J., Ferrando, A., Gil, E., Rubio, J.A., Barreiro, F., Gurtu, A., Montanet, L., Cooper, A.M., Ganguli, S.N., Malhotra, P.K., Subramanian, A. Study of the D(1285) and E(1420) resonances produced in pp annihilations at 700-760 MeV/c 8-54646
- Nacasch, R. *see* Aguilar-Benitez, M. 8-82228
- Nacasch, R. *see* Cooper, A.M. 8-62465, 8-78205
- Naccache, C. *see* Giamello, E. 8-64271
- Nachae, Yu.L. *see* Berzhetskii, M.S. 8-59547
- Nachman, A. *see* Callegari, A. 8-63413
- Nachman, A. *see* Lakin, W.D. 8-71288, 8-79242
- Nachmias, J. *see* Graham, N. 8-69097
- Nachtmann, O. Interactions of neutrinos with hadrons 8-78171
- Nachtrieb, K. *see* Spindler, P. 8-79817
- Nachtrieb, N.H. *see* Cafasso, F.A. 8-88643
- Nack, P., Arndt, D., Schuttmann, W. Organizational forms of medical care in the event of radiation accidents in the German Democratic Republic 8-53529
- Nacozy, P.E., Diehl, R.E. A semianalytical theory for the long-term motion of Pluto 8-69741
- Nacozy, P.E., Diehl, R.E. A discussion of the solution for the motion of Pluto 8-93151
- Nad, Yu. *see* Angelov, N.S. 8-89922
- Nadai, J.P. *see* Lascaray, J.P. 8-95578
- Nadakavukaren, K.K. *see* Dam, R.J. 8-61148
- Nadeau, A. *see* Cameron, D.G. 8-65984
- Nadeau, D., Neugebauer, G., Becklin, E.E., Elias, J., Ennis, D., Matthews, K., Sellgren, K. The light curve at 10 μ m of Algol near secondary minimum 8-93315
- Nadeau, J.S. Origins of acoustic emission in the fracture of glass plates 8-72889
- Nader, W.K. Extended surface heat transfer with condensation. I 8-94551
- Naderi, F., Sawchuk, A.A. Estimation of images degraded by film-grain noise 8-54479
- Naderi, F., Sawchuk, A.A. Detection of low-contrast images in film-grain noise 8-94370
- Nadezhdin, V.S., Petrov, N.I., Satarov, V.I. Observation of dependence of left-right asymmetry of quasielastic scattering of (635 \pm 15)-MeV protons by ⁶Li, ¹²C and ¹⁶O nuclei upon the residual nucleus momentum 8-54765
- Nadezhdinskii, A.I. *see* Anzin, V.B. 8-74008, 8-81984
- Nadezhin, D.K., Utrobin, V.P. Models for type I supernovae 8-65636
- Nadezhin, Yu.S. *see* Sidorovich, A.V. 8-75571
- Nadile, R.M., Wheeler, N.B., Stair, A.T., Jr. SPIRE-Spectral Infrared Experiment 8-81456
- Nadjakov, E., Kitipova, V. Non-adiabatic effects in nuclear quasirotational bands 8-54663
- Nadjakov, E. *see* Karadjov, D. 8-89775, 8-89776
- Nadkarni, R.A., Morrison, G.H. Use of standard reference materials as multielement irradiation standards in neutron activation analysis 8-80815
- Nadkarni, V.M., Schultz, J.M. Extensional flow-induced crystallization in polyethylene melt spinning 8-55818
- Nadler, M., Signor, G. Automatic stereophotogrammetry using techniques of structural pattern recognition 8-61632
- Nadler, W. *see* Owen, C.S. 8-57153
- Nadolitsky, M.M., Toshev, S.D., Vasileva, D.K., Stoev, V.P. Reversible characteristics and dielectric losses of some ferroelectric ceramics 8-84517
- Nadolitsky, S. Photomagnetic and time effects in ⁵⁷Fe NMR in YFeO₃ 8-95464
- Nadolitsky, S., Balbashov, A.M., Chervonenkis, A.Ya. Influence of photomagnetic effects on the ⁵⁷Fe NMR in YFeO₃ 8-52365
- Naefe, H. *see* Kienow, S. 8-80495
- Naegle, D., Yoon, D.Y. Orientation of crystalline dipoles in poly(vinylidene fluoride) films under electric field 8-80286
- Naek, V.S. *see* Kochenkov, V.A. 8-58520
- Naemura, S. Measurement of anisotropic interfacial interactions between a nematic liquid crystal and various substrates 8-75532
- Naess, S.E. Segregation of titanium in Al-Ti-B alloys 8-52820
- Nafarrate, A.B. *see* Rawson, E.G. 8-55443
- Nafi Toksoz, M., Hsui, A.T. Thermal history and evolution of Mars 8-65533
- Nafie, L.A. *see* Diem, M. 8-82788
- Nag, B.R. *see* Chattopadhyay, D. 8-56151
- Nag, B.R. *see* Dhar, S. 8-52083
- Nag, K.R., Pal, P.C. The axisymmetric disturbance due to the propagation of a shearing stress discontinuity in a semi-infinite elastic medium 8-67075
- Nagae, H. Twisting force constants of linear polyenes in the ground and excited states 8-50474
- Nagaev, E.L. Multispin indirect exchange 8-56311
- Nagaev, E.L., Sokolova, E.B. Collective magnetoelectron transition under the action of light in a crystal transparency band 8-79939
- Nagaev, E.L. *see* Drakin, A.E. 8-56083
- Nagaev, E.L. *see* Lakhno, V.D. 8-72387, 8-88160
- Nagahara, T. *see* Ikeda, Y. 8-86476
- Nagahashi, S. *see* Kurosawa, T. 8-84305
- Nagai, H. Some properties of Fe-W-Cr-Mo-Co alloys with austenitic phase 8-60678
- Nagai, H., Beaudry, B.J., Gschneider, K.A., Jr. Purification of gadolinium by electrorefining 8-57271
- Nagai, H., Murai, T., Mitani, H. High-temperature oxidation behaviour of Fe-20 Cr alloys with small additions of lanthanum 8-85039
- Nagai, H., Noguchi, Y. Ambient gas influence on photoluminescence intensity from InP and GaAs cleaved surfaces 8-88345
- Nagai, H. *see* Fukuhara, M. 8-72757

- Nagai, H. *see* Mitani, H. 8-72750
- Nagai, K. Inelastic neutron scattering spectra and roton-rotor interactions in liquid helium-4 8-95194
- Nagai, K., Yamaki, N. Dynamic stability of circular cylindrical shells under periodic compressive forces 8-90754
- Nagai, M. *see* Miyairi, H. 8-56707, 8-56751
- Nagai, O. *see* Harada, I. 8-68198
- Nagai, S., Iizuka, K. Ultrasonic imaging utilizing a nematic liquid crystal 8-59218
- Nagai, S. *see* Nishiyama, Y. 8-52858
- Nagai, T., Onuki, A. Melting of the two-dimensional electron solid 8-83921
- Nagai, T. *see* Tanaka, W. 8-61850
- Nagai, Y., Takeda, S., Nakajima, M. Development of glass fiber reinforced low pressure diallyl phthalate molding compound 8-52750
- Nagai, Y. *see* Ejiri, H. 8-50185, 8-89872, 8-93927
- Nagakura, I. *see* Wakabayashi, K. 8-51395
- Nagakura, S. *see* Yagi, M. 8-62839
- Nagamachi, S. *see* Hosono, K. 8-82343
- Nagami, K. *see* Itoh, N. 8-63778
- Nagami, K. *see* Murata, K. 8-87728
- Nagami, M., Maeda, H., Shiho, M., Sugie, T., Shimomura, Y., Yamamoto, S., Odajima, K., Ueda, N., Senogoku, S., Kimura, H., Yokomizo, H. Pulsed methane injection experiment on DIVA 8-79411
- Nagami, M., Shimomura, Y., Maeda, H., Kasai, S., Yamauchi, T., Sengoku, S., Sugie, T., Yamamoto, S., Odajima, K., Kimura, H., Ohasa, K. Impurity shielding and sweeping-out by an axisymmetric divertor in DIVA 8-86685
- Nagami, M. *see* Kasai, S. 8-87492
- Nagami, M. *see* Kimura, H. 8-79468
- Nagami, M. *see* Odajima, K. 8-86684
- Nagami, M. *see* Ohasa, K. 8-59691
- Nagami, M. *see* Ohtsuka, H. 8-91156
- Nagamine, K. *see* Hayano, R.S. 8-80268
- Nagamine, K. *see* Nishida, N. 8-95538
- Nagamine, K. *see* Yamazaki, T. 8-52417
- Nagamiya, S., Tamihata, I., Schmetzer, S., Anderson, L., Bruckner, W., Chamberlain, O., Shapiro, G., Steiner, H. Proton and pion spectra at large angles in relativistic heavy-ion collisions 8-54790
- Nagamiya, T. *see* Miyata, S. 8-51872
- Nagamori, M., Mackey, P.J. Thermodynamics of copper matte converting. I. Fundamentals of the Noranda process 8-80492
- Nagane, K. *see* Fukui, Y. 8-73750
- Nagano, H. Pitting and crevice corrosion 8-64769
- Nagano, H. *see* Oda, Y. 8-64166
- Nagano, K., Kawakami, S., Nishida, S. Change of the refractive index in an optical fiber due to external forces 8-74971
- Nagano, K., Maeda, M., Saito, K., Tanaka, M., Ito, R. Sinusoidal modulation characteristics of buried-heterostructure lasers 8-87054
- Nagano, K. *see* Maeda, M. 8-74920
- Nagano, M., Ikeda, S., Hayami, Y. Growth habits of SnO_2 crystals by CVD method 8-95686
- Nagano, S. *see* Itoh, N. 8-67964
- Nagano, Y. *see* Hishida, M. 8-91042, 8-94717
- Nagao, M., Sawa, G., Ieda, M. Dielectric breakdown of polyimide film in high-temperature region 8-84522
- Nagao, M., Yunoki, K., Muraishi, H., Morimoto, T. Differential heat of chemisorption. I. Chemisorption of water on zinc oxide and titanium dioxide 8-84052
- Nagao, S., Watanabe, H., Funato, Y., Sakamoto, I., Sasaki, N., Nukui, K. Magnet and coil engineering of toroidal device with a non-planar magnetic axis 8-55009
- Nagao, S. *see* Itoh, K. 8-63576
- Nagaoka, K., Noguchi, T., Soma, M., Suzuki, K. Observation of cracks around graphite flakes of cast iron heated in CO atmosphere 8-84974
- Nagaoka, Y. *see* Sato, K. 8-68065, 8-83942
- Nagar, N.M.EI *see* El Nagar, N.M.
- Nagarajan, N. *see* Ramakrishnan, J. 8-71874
- Nagarajan, P.S. *see* Rao, U.S. 8-90009
- Nagarajan, R., Srivastava, J.K. Anomalous Mossbauer lineshapes in a magnetically ordered $\text{Ga}_2\text{O}_3\text{-Fe}_2\text{O}_3$ system in presence of an external electric field applied during solid solution formation 8-92006
- Nagarajan, R. *see* Chandrasekaran, H. 8-64799
- Nagarajan, V. *see* Gordon, B.A. 8-88573
- Nagasaka, H. *see* Kaneko, F. 8-95708
- Nagasaka, H. *see* Takeuchi, M. 8-80288, 8-95711
- Nagasaki, M. *see* Hama, M. 8-66174
- Nagasawa, A., Mizunoya, K., Nakanishi, N., Enami, K., Nanno, S. Preceding phenomena of martensitic phase transition in Au-Ag-Cd alloy 8-68692
- Nagasawa, A. *see* Enami, K. 8-76645
- Nagasawa, H. Note on a metal-non-metal transition in $\text{K}_2\text{Pt}(\text{CN})_{10}\text{Br}_{0.3}\cdot 3\text{H}_2\text{O}$ 8-84198
- Nagasawa, H. *see* Hata, I. 8-91447
- Nagasawa, H. *see* Murayama, S. 8-56386
- Nagasawa, N., Mita, T., Ueta, M. Resonant two-photon excitation of excitonic molecule in CuCl with using circularly polarized light 8-84566
- Nagase, H. *see* Ishiguro, R. 8-94698
- Nagashima, A., Funahashi, A., Kawakami, T., Shoji, T., Takahashi, K. A 2-mm wave digital interferometer for Tokamak discharges in the upgraded DIVA 8-75417
- Nagashima, A. *see* Abe, S. 8-63527
- Nagashima, A. *see* Takizawa, S. 8-65920
- Nagashima, H. *see* Fujihashi, C. 8-87158
- Nagashima, H. *see* Tamaribuchi, K. 8-90527
- Nagashima, M. Coherence properties of a radiation field in the Dicke model Hamiltonian 8-58959
- Nagashima, S., Ogura, I. Growth of Te thin films on the (111) films of KBr deposited on mica 8-64473
- Nagashima, S., Ogura, I. Growth of Te thin films on the (111) films of KBr deposited on mica 8-79903
- Nagashima, T. *see* Ohtsuka, H. 8-91156
- Nagashima, T. *see* Shimada, I. 8-62159
- Nagasubramanian, G., Sastri, M.V.C., Viswanathan, B. Energy resonance hypothesis in heterogeneous catalysts 8-95947
- Nagata, H. *see* Sakae, T. 8-83785
- Nagata, I. Thermodynamic properties of alcohol-nonassociating active component mixtures 8-64878
- Nagata, I., Kita, H., Nakamiya, Y. Ternary liquid-liquid equilibria: The associated solution theory 8-83910
- Nagata, K. *see* Hasebe, N. 8-94171
- Nagata, K. *see* Iio, K. 8-52467
- Nagata, K. *see* Komatsubara, T. 8-76300, 8-88163
- Nagata, K. *see* Yamashita, E. 8-94438
- Nagata, M., Yokoi, Y., Miyachi, I. Electrical breakdown characteristics in high-temperature gases 8-87510
- Nagata, M., Yokoi, Y., Miyachi, I. Breakdown characteristics of high temperature gases 8-87581
- Nagata, R. *see* Iwata, K. 8-67288
- Nagata, R. *see* Kubo, H. 8-63302
- Nagata, R. *see* Saishin, M. 8-85308
- Nagata, S. *see* Kohno, M. 8-66225
- Nagata, S. *see* Sakuda, T. 8-74318
- Nagata, S. *see* Tominaga, S. 8-90047
- Nagata, S. *see* Yamamoto, Y. 8-62487
- Nagata, T. *see* Senoo, Y. 8-63474
- Nagatani, K. *see* Hamm, M. 8-50207
- Nagatomo, T. *see* Omoto, O. 8-74848
- Nagaura, T. *see* Tadaki, T. 8-68693
- Nagayama, Y. *see* Shimizu, I. 8-89063
- Nagel, D.A. *see* Koogale, T.A. 8-57155
- Nagel, D.J., Boyer, L.L., Papaconstantopoulos, D.A., Klein, B.M. Bonding in transition metal aluminides 8-91610
- Nagel, D.J. *see* Bleach, R.D. 8-75389
- Nagel, H., Menth, A. Influence of Cu-content on the hard magnetic properties of $\text{Sm}(\text{Co}, \text{Cu})$ 2:17 compounds 8-91897
- Nagel, H. *see* Cohen, I. 8-66123
- Nagel, H. *see* Scarr, J.M. 8-54634
- Nagel, J., Schaldach, M. Non-invasive registration of the foetal heart rate 8-85418
- Nagel, J., Schaldach, M. Recording uterus activity from the abdominal electromyogram 8-92712
- Nagel, J. *see* Baberschke, K. 8-84482
- Nagel, M., Brunner, G., Dostal, K.-P., Hartmann, E., Hinneburg, D., Kupsch, H., Pabst, D., Rigo, A. On the chemically induced decay constant variation of Te-99 m 8-93968
- Nagel, M., Eppler, E., Muller-Schauberg, W., Faust, U. Observation of changes in scintigrams by means of crosscorrelation 8-80961
- Nagel, M., Heil, P., Bleicher, W.U., Kemter, B.E., Apitz, J. Computer-aided intensive care in paediatrics 8-88754
- Nagel, M. *see* Bleicher, W.U. 8-88753
- Nagel, M. *see* Decker, D. 8-80933
- Nagel, P., Koshel, R.D. A finite range coupled channel Born approximation code 8-89832
- Nagel, P. *see* Petrovich, F. 8-66313
- Nagel, P.P. *see* Jaumotte, A.L. 8-79398
- Nagel, R.J. *see* Atkinson, D.P. 8-55023
- Nagel, R.J. *see* Thomas, S.R., Jr. 8-50404
- Nagel, S. *see* Althaus, H.L. 8-63979
- Nagel, S.R. Thermoelectric power and resistivity in a metallic glass 8-95289
- Nagel, S.R. *see* Clarke, R. 8-87624
- Nagel, S.R. *see* Hauser, E. 8-68574
- Nagele, W., Knorr, K., Prandtl, W., Convert, P., Buevoz, J.L. Neutron scattering study of spin correlations and phase transitions in amorphous manganese aluminosilicates 8-84390
- Nagels, M.M., Rijken, T.A., de Swart, J.J. Nucleon-nucleon potentials from Regge poles 8-70346
- Nagels, M.M. *see* De Swart, J.J. 8-78203
- Nagesha Rao, N., Varma, R.K. Ion acoustic solitary waves in density and temperature gradients 8-55720
- Nageswar, S. Electrodeposition of copper on a copper single-crystal (100) face in the presence of bromide ions 8-84723
- Nageswara Rao, B., Mittal, M.L. Boundary layer with a traveling magnetic field and Hall currents 8-94904
- Nageswararao, M., Wilhelm, M. Conditions leading to localized plastic deformation and fracture in slip bands during fatigue loading of age hardening aluminum alloys 8-64670
- Naghdhi, P.M. *see* Crochet, M.J. 8-59354
- Naghdhi, P.M. *see* Green, A.E. 8-55657, 8-65770, 8-87250
- Naghizadeh, J., Massih, A.R. Concentration-dependent collapse of a large polymer 8-56949
- Nagi, M.R. *see* Ivanov, I.G. 8-60045, 8-92262
- Nagi Reddy, B.P. *see* Narashimha Reddy, P. 8-93745
- Nagib, H.M. *see* Drubka, R.E. 8-59510
- Nagibarov, V.R., Kuz'min, V.S. Superradiative phase transition in the dipole-phonon system 8-71806
- Nagibarov, V.R. *see* Buinov, N.S. 8-71069, 8-71805
- Nagiev, V.M. Factors influencing the concentration of V(IV) complexes and the parameters of the spin Hamiltonian in phosphate-vanadate semiconducting glasses 8-64266
- Nagiyev, Sh.M. *see* Atakishiyev, N.M. 8-78112
- Nagl, A., Cannata, F., Ueberall, H. Photoproduction and radiative capture of pions in ^{12}C and ^{16}O 8-50213
- Nagl, A., Ueberall, H., Haug, A.J. Adiabatic mode theory of underwater sound propagation in a range-dependent environment 8-55497
- Nagle, J.F., Morowitz, H.J. Molecular mechanisms for proton transport in membranes 8-96035
- Nagle, J.F., Wilkinson, D.A. Lecithin bilayers. Density measurements and molecular interactions 8-80837
- Nagmaine, K. *see* Yasuoka, H. 8-80270
- Nagnibeda, E.A. *see* Doronova, S.Yu. 8-51270
- Nagorny, K., Hein, H. Determination of Debye-Waller factors of different iron states in Cu-Fe mixed crystals 8-52412
- Nagorny, K. *see* Hein, H. 8-64306
- Nagornyi, A.G. *see* Malykh, N.I. 8-75414
- Nagornyi, V.S., Bezrukov, V.I. Analysis of an electrohydrodynamic converter with radial electric field and liquid flow 8-75230
- Nagorski, R. *see* Mazurkiewicz, Z. 8-79209
- Nagourney, W. Baseline suppression in microwave spectroscopy using frequency modulation and harmonic detection 8-82866
- Nagourney, W., Happer, W., Lurio, A. Level-crossing study of the hyperfine structure of lithium 8-66678
- Nagpal, O.P. Characteristics of travelling ionospheric disturbances over Thumba 8-69590
- Nagpal, O.P. *see* Gupta, A.S. 8-69601
- Nagpal, O.P. *see* Singh, L. 8-69599
- Nagpal, K.K. *see* Saini, H.S. 8-57182, 8-94038
- Nagraba, S. *see* Denus, S. 8-82509
- Naguib, K. *see* Sallam, O.H. 8-50230
- Nagulin, I.L. *see* Gorbachev, S.F. 8-74075
- Nagumo, M. Initiation of cracks at delayed fracture of a high strength steel [using AE technique] 8-72868
- Nagumo, M. *see* Takahashi, T. 8-84917
- Nagumo, T. *see* Kobashi, H. 8-80720
- Nagura, M., Urushidani, M., Shinohara, H., Ishikawa, H. Molecular motion in degummed silk fiber and poly(L-alanine) fiber 8-59765
- Nagy, A. *see* Demeter, I. 8-61166
- Nagy, A.B. Effectiveness of clinical diagnostic methods 8-65146
- Nagy, A.B. Respiratory sinus arrhythmia caused by prescribed respiration for diagnosing ischaemic heart diseases 8-65147
- Nagy, A.B., Nemeth, I. Heart-beat interval analysis and evaluation of medical questionnaire for determination of ischaemic heart disease 8-65145
- Nagy, A.F. *see* Chen, R.H. 8-57480, 8-96419
- Nagy, A.F. *see* Cravens, T.E. 8-89092
- Nagy, A.G., Hillman, M. Mossbauer study of tetramethylene bridged ferrocene derivatives. II 8-60372
- Nagy, A.Z. *see* Griffith, Kh. 8-92586
- Nagy, B. *see* Khare, B.N. 8-69740
- Nagy, D. Direct gravity formula for the Geodetic Reference System 1967 8-92775
- Nagy, D. *see* Feuchtwang, T.E. 8-76592
- Nagy, D.A. *see* Nagyoung Chang 8-90741
- Nagy, D.L. *see* Vollard, U. 8-83948
- Nagy, E. On the inverse of the Pomeranchuk theorem 8-86425
- Nagy, F. *see* Chadwick, G.B. 8-66175
- Nagy, F. *see* Szabo, S. 8-56914
- Nagy, I. *see* Tarnoczi, T. 8-91258, 8-94997
- Nagy, K.L. Event horizons around a particle surrounded by a static confinement potential 8-66075
- Nagy, L.G. *see* Dekany, I. 8-84045, 8-84056

- Nagy, M.E.**, Sawan, M.E., Shaat, M.K. Neutron wave propagation in multi-region systems with effects of delayed neutrons 8-50229
- Nagy, P.**, Ozvold, M. Density of states of a particle in the Gaussian random potential 8-81915
- Nagy, P.** *see* Kurti, J. 8-73837
- Nagy, R.M.** *see* Rogers, J.J.W. 8-65305
- Nagy, S.B.** *see* Griffith, K.H. 8-92586
- Nagy, T.A.** *see* Sweeney, L.H. 8-81560
- Nagyoung Chang**, Billington, D.P., Nagy, D.A. Effect of accelerometer mass on the flexural motion of plates 8-90741
- Naha, S.C.** *see* Daftari, I.K. 8-54750, 8-58205
- Nahabetian, R.S.** *see* Meyer, J. 8-58293, 8-70553
- Nahi, N.E.**, Mendel, J.M., Silverman, L.M. Recursive derivation of reflection coefficients from noisy seismic data 8-73324
- Nahn, W.** Supersymmetries and their representations 8-54580
- Nahman, N.S.** Picosecond-domain waveform measurements 8-57923
- Nahnauer, R.** *see* Biebl, K.J. 8-86456
- Nahnauer, R.** *see* Kirk, H.G. 8-82252
- Nahorski, Z.T.** *see* Brown, J.M. 8-61225
- Nahory, R.E.** *see* Campbell, J.C. 8-55439
- Nahory, R.E.** *see* Pinczuk, A. 8-91391
- Nahory, R.E.** *see* Pollack, M.A. 8-87881
- Nahum, A.E.**, Greening, J.R. A detailed re-evaluation of C_1 and C_2 with application to ferrous sulphate G-values 8-92706
- Nai Kuang Liang**, Hsieh, C.T., Huang, P.A., Li, D.J., Chu, L.L., Wu, C.L., Liang, N.T. Artificial upwelling induced by ocean currents-theory and experiment 8-81217
- Nai-li Wang** *see* Wang Nai-li
- Nai-Teng Yu** *see* Cheung, L.D. 8-58698
- Naida, O.N.** The ray approximation in the acoustics of inhomogeneous anisotropic media 8-83153
- Naidan, D.**, Sapezhinskii, I.I. Photochemiluminescence of tryptophan containing peptides and proteins on photo-oxidation. VI. Kinetics patterns of eosin-sensitized photochemiluminescence of solutions of human serum albumin 8-68991
- Naiden, E.P.** *see* Zhilyakov, S.M. 8-68175
- Naidich, Yu.V.**, Umanski, V.P., Lavrinenko, I.A. Device for determining contact strength of a metal film with a diamond surface. (Exchange of experience) 8-60910
- Naidis, G.V.** On the transition to quasistationary electron energy distribution after application of electric field 8-71425
- Naidu, G.T.** *see* Lakshman, S.V.J. 8-50485, 8-50531
- Naidu, M.S.** *see* Risbud, A.V. 8-59541
- Naidu, S.V.** *see* Murthy, V.R. 8-58726
- Naik, I.K.**, Gauckler, L.J., Tien, T.Y. Solid-liquid equilibria in the system $\text{Si}_3\text{N}_4\text{-AlN-SiO}_2\text{-Al}_2\text{O}_3$ 8-92247
- Naik, P.**, Rajeswara Rao, N. Infrared intensity analysis of some MX_2 type molecules 8-62806
- Naimark, S.I.**, Shmalenyuk, R.P. Method of metallographic determination of the carburized layer in tubes of 12Kh18N10T steel (exchange of experience) 8-85077
- Naimi, E.K.** *see* Tyapunina, N.A. 8-52882
- Nair, C.K.** *see* Sketch, M.H. 8-81050
- Nair, C.V.** Gopalakrishnan *see* Gopalakrishnan Nair, C.V.
- Nair, K.P.R.** Rotational isomerism in fluoro sulphuric acid methyl ester 8-86964
- Nair, K.P.R.**, Hoeft, J., Tiemann, E. Electric dipole moment of BrCl 8-90211
- Nair, M.N.S.** *see* Joseph, K.B. 8-82207
- Nair, S.** A Rayleigh-Ritz determination of upper and lower bounds for the deflection of orthotropic cantilever beams 8-59298
- Nair, S.**, Hegemier, G. Effect of initial stresses on the small deformations of a composite rod 8-63284
- Nair, S.**, Imbruce, R. The effect of body temperature humidification on thermal regulation [during mechanical ventilation] 8-85295
- Nair, S.** *see* Imbruce, R. 8-85331
- Nairn, A.E.M.** *see* Pal, S. 8-57164
- Naisse, J.P.** Electromagnetic effects in precision analyses of the low-energy neutron-proton interaction data 8-93896
- Naito, I.** Secular variation of pole tide 8-88778
- Naito, K.** *see* Kamegashira, N. 8-72708
- Naito, K.** *see* Tohsaki-Suzuki, A. 8-54780
- Naito, M.** *see* Onabe, K. 8-76200
- Naito, S.** Axiomatic lower bound on the slope parameter 8-54585
- Naito, T.** *see* Nakamura, H. 8-66416
- Naito, Y.** Moderator temperature coefficient in BWR core 8-54844
- Najafabadi, B.M.** High-temperature substrate deposition of CdS thin films 8-95694
- Najib, J.**, Munro, I.H. External heavy atom effects on the decay of the triplet state of aromatic hydrocarbons. III. The decay functions of fluorescence and phosphorescence of carbazole in the presence of KI 8-66590
- Naka, M.**, Hashimoto, K., Masumoto, T. Effect of metalloid elements on corrosion resistance of amorphous iron-chromium alloys 8-72925
- Naka, M.**, Hashimoto, K., Masumoto, T. High corrosion resistance of amorphous Fe-Mo and Fe-W alloys in HCl 8-80678
- Naka, S.** An approach to the Bose description of fermions 8-89402
- Naka, S.** *see* Inagaki, M. 8-95705
- Naka, S.** *see* Kenmoku, M. 8-66095
- Nakabayashi, K.** Frictional moment of flow between two concentric spheres, one of which rotates 8-79301
- Nakabushi, H.** *see* Katakuse, I. 8-62261
- Nakach, R.** *see* Anderson, D. 8-63559
- Nakach, R.** *see* Gell, Y. 8-79429
- Nakada, A.** *see* Bellicard, J.B. 8-54669
- Nakada, I.**, Kubota, M. Unit cell structure on vapour-grown Cr_2S_3 single crystals 8-67670
- Nakada, Y.** On the gravothermal catastrophe 8-81536
- Nakadan, Y.** *see* Yoda, J. 8-62184
- Nakae, N.**, Kirihara, T., Nasu, S. Irradiation induced volume change in UO_2 8-67740
- Nakae, N.**, Koike, T., Kirihara, T. Electrical conductivity and thermoelectric power in irradiated UO_{2+x} 8-52020
- Nakagaki, M.** *see* Atluri, S.N. 8-67144
- Nakagaki, Y.** *see* Kameda, M. 8-79534
- Nakagaki, Y.** *see* Shimizu, T. 8-88374
- Nakagawa, I.** *see* Konishi, S. 8-62796
- Nakagawa, J.**, Domaille, P.J., Steimle, T.C., Harris, D.O. Microwave optical double resonance and reanalysis of the $\text{CaF} \text{ A}^1\Pi\text{-X}^2\Sigma$ band system 8-74685
- Nakagawa, K.**, Itoh, N. Isotope effects on optical absorption spectra of hydronaphthyl radicals in naphthalene single crystals 8-60487
- Nakagawa, K.**, Tsuno, K., Takeuchi, M. Optimum size of a rectangular current sheet off the magnetic pole face for nuclear magnetic resonance 8-86314
- Nakagawa, K.** *see* Chong, T. 8-50591
- Nakagawa, K.** *see* Hashimoto, S. 8-92110
- Nakagawa, K.** *see* Ito, T. 8-79108
- Nakagawa, K.** *see* Maeda, K. 8-84935
- Nakagawa, K.** *see* Miki, T. 8-66943
- Nakagawa, K.** *see* Shirakawa, A. 8-52535
- Nakagawa, M.** Heavy-irradiation effects on f.c.c. metals by reactor neutrons at low temperature 8-71766
- Nakagawa, M.** Dose dependence of recovery peaks in metals irradiated by neutron at low temperature 8-71767
- Nakagawa, M.**, Boning, K., Mansel, W., Rosner, P., Vogl, G. Spontaneous recombination volumes of Frenkel defects in neutron irradiated b.c.c. metals 8-71765
- Nakagawa, M.**, Nurai, K., Kawashima, Y. On the distributions of flow rates in a pipe line net 8-91015
- Nakagawa, M.**, Takasu, M. Muon number and flavor non-conserving neutral currents in a gauge theory of baryon-lepton symmetry model 8-66069
- Nakagawa, M.** *see* Atobe, K. 8-72560
- Nakagawa, M.** *see* Kaneko, T. 8-74207
- Nakagawa, M.** *see* Matsuda, M. 8-66118, 8-70363
- Nakagawa, M.** *see* Muraki, Y. 8-82183
- Nakagawa, M.** *see* Nishimura, J. 8-61933
- Nakagawa, M.** *see* Okada, M. 8-72561
- Nakagawa, M.** *see* Shimizu, H. 8-88859
- Nakagawa, S.** *see* Suzuki, Y. 8-50366
- Nakagawa, T.** *see* Igarasi, S. 8-74428
- Nakagawa, T.** *see* Makino, K. 8-86627
- Nakagawa, Y.** Statistical behavior of planetesimals in the primitive solar system 8-93130
- Nakagawa, Y.**, Nakaseko, K. One of geological models for explaining the mechanism of landslides. On a slope of Ryuoizan Mountain in the northern part of Ibaraki City, Osaka prefecture 8-96217
- Nakagawa, Y.**, Wu, S.T., Tandberg-Hanssen, E. Global constant- α force-free magnetic fields and coronal structures 8-85923
- Nakagawa, Y.** *see* Henoux, J.C. 8-65580
- Nakagawa, Y.** *see* Hukuda, K. 8-60403
- Nakagiri, A.**, Sansome, D.H. Ultrasonic tube expansion 8-59186
- Nakagiri, K.** *see* Kobayashi, M. 8-89456
- Nakagiri, M.** *see* Yamashita, Y. 8-96492
- Nakagiri, T.** *see* Takezoe, H. 8-75812
- Nakagome, Y.** *see* Singh, U.N. 8-58277
- Nakagomi, E.** *see* Mori, H. 8-73211
- Nakahara, H.** *see* Yanokura, M. 8-58253
- Nakahara, I.** *see* Fujita, T. 8-83243
- Nakahara, I.** *see* Kasano, H. 8-63287
- Nakahara, I.** *see* Tsuchida, E. 8-63288
- Nakahara, J.** *see* Fujii, Y. 8-51628
- Nakahara, K.** *see* Shoda, K. 8-54740
- Nakahara, K.** *see* Sugawara, M. 8-74515
- Nakahara, M.** *see* Kobayashi, T. 8-68666
- Nakahara, S.** *see* Chin, G.Y. 8-76199
- Nakahara, S.** *see* Kitayama, T. 8-72479
- Nakahara, S.** *see* Mahajan, S. 8-64219
- Nakahara, S.** *see* Peck, W.F., Jr. 8-88601
- Nakahara, T.**, Yanai, H. Fiber optics in Japan 8-59124
- Nakahara, Y.** *see* Natsume, H. 8-54841
- Nakahira, M.** *see* Nozaki, H. 8-88098
- Nakai, H.** *see* Awatani, J. 8-64623
- Nakai, J.** *see* Moritani, A. 8-76776
- Nakai, J.** *see* Tachi, S. 8-84088
- Nakai, K.** *see* Kodama, M. 8-69498
- Nakai, S.**, Matoba, M., Fujita, H., Nishimura, H., Daido, H., Banjioya, N., Iba, K., Yamanaka, C. Nonlinear interaction processes between a CO_2 laser and a plasma 8-59603
- Nakai, S.** *see* Fujita, H. 8-66846, 8-74928
- Nakai, S.** *see* Kawamura, Y. 8-63129
- Nakai, S.** *see* Kotani, T. 8-60589
- Nakai, S.** *see* Yamanaka, C. 8-50300
- Nakai, T.** *see* Biyajima, M. 8-89761
- Nakai, T.** *see* Shimada, K. 8-63352
- Nakai, Y.** The origin of the defect Kikuchi band from a thin crystal in electron diffraction 8-83668
- Nakai, Y.**, Hozaki, K., Kunitomi, N. Magnetic moments of Mn atoms in FCC Co-Mn alloys 8-76226
- Nakai, Y.** *see* Itoh, M. 8-84618
- Nakai, Y.** *see* Nakamura, H. 8-74754
- Nakai, Y.** *see* Sakai, K. 8-78448
- Nakai, Y.** *see* Urano, T. 8-80130
- Nakaichi, S.**, Akaishi, Y., Tanaka, H., Lim, T.K. Application of ATMS to the ^4He trimer and tetramer 8-94349
- Nakajima, A.** Effect of dipolar molecules on intramolecular exciplexes 8-52551
- Nakajima, H.**, Hirano, K. Electromigration of carbon in FCC Fe-0.52 wt.% C alloy 8-75865
- Nakajima, K.** Although long delayed Tokai reprocessing plant has excellent birth 8-89967
- Nakajima, K.** *see* Ito, T. 8-87891
- Nakajima, K.** *see* Uwamino, Y. 8-88683
- Nakajima, M.** *see* Hasegawa, N. 8-68759
- Nakajima, M.** *see* Nagai, Y. 8-52750
- Nakajima, N.** *see* Watanabe, R. 8-70163
- Nakajima, S.** *see* Motobayashi, T. 8-54787
- Nakajima, S.** *see* Yaegashi, Y. 8-85246
- Nakajima, T.**, Suzuki, T., Ohmura, H., Ishizaki, S., Tanaka, K. Estimation of vocal tract area function by adaptive deconvolution and adaptive speech analysis system 8-92658
- Nakajima, T.** *see* Matsumoto, R. 8-90899
- Nakajima, T.** *see* Notsu, Y. 8-57972
- Nakajima, T.** *see* Suzuki, H. 8-84470
- Nakako, Y.** *see* Yorizane, M. 8-83927
- Nakamaru, N.** *see* Hirata, K. 8-82186
- Nakamiya, Y.** *see* Nagata, I. 8-83910
- Nakamizo, M.** *see* Takase, A. 8-87774
- Nakamizo, S.** *see* Ono, H. 8-61184, 8-69095
- Nakamoto, A.** *see* Hasebe, N. 8-94171
- Nakamoto, A.** *see* Kubota, S. 8-60521
- Nakamoto, K.** *see* Scheuermann, W. 8-66554
- Nakamura, A.** Interaction of Toda lattice soliton with an impurity atom 8-75772
- Nakamura, A.** Derivation of infinite number of conservation laws for non-linear difference-difference equations 8-89324
- Nakamura, A.**, Takeuchi, R., Oie, S. Nonlinear attenuation of an N wave propagating in a tube, including dissipation due to wall effects 8-50972
- Nakamura, A.** *see* Cavenett, B.C. 8-80252
- Nakamura, A.** *see* Nakayama, I. 8-59170
- Nakamura, A.** *see* Shida, K. 8-74027
- Nakamura, A.** *see* Yasumoto, Y. 8-55503
- Nakamura, F.**, Takamura, J. Deviations from Matthiessen's rule and the anisotropy of scattering 8-76051
- Nakamura, H.** A servo-controlled balance for the absolute ampere determination 8-82003
- Nakamura, H.**, Asako, Y. Laminar free convection from a horizontal cylinder with uniform cross section of arbitrary shape 8-75130
- Nakamura, H.**, Gunji, K. Ionic conductivity of pure solid calcium sulfide 8-75869
- Nakamura, H.**, Noya, H., Darden, S.E., Sen, S. Breakup of 15 MeV polarized deuterons on ^4He 8-89884
- Nakamura, H.**, Shimizu, M., Ohta, M., Aizawa, T., Naito, T., Kasai, M. Electron beam bombardment test of JT-60 magnetic limiter plate 8-66416
- Nakamura, H.**, Shirai, T., Nakai, Y. Improved impulse approximation for ionization collisions between atoms 8-74754
- Nakamura, H.** *see* Aguilar, J. 8-74587
- Nakamura, H.** *see* Asaoka, T. 8-78440
- Nakamura, H.** *see* Kobayashi, H. 8-68865
- Nakamura, H.** *see* Kubota, M. 8-78486
- Nakamura, H.** *see* Minata, H. 8-92333, 8-92334
- Nakamura, H.** *see* Okazaki, S. 8-84980
- Nakamura, H.** *see* Sagara, K. 8-58292
- Nakamura, I.** *see* Furuya, Y. 8-83492
- Nakamura, I.** *see* Higashi, S. 8-55081
- Nakamura, K.**, Endo, R., Takeda, M. Study of molecular motion of block copolymers in solution by high-resolution proton magnetic resonance 8-55803

- Nakamura, K., Watanabe, K. Inverse currents against electric field in polymers 8-84206
- Nakamura, K., Watanabe, K., Ezawa, H. Many-body effects in the subband structure of Si-MOS inversion layer 8-64131
- Nakamura, K. *see* Cobb, J.H. 8-62469, 8-89749
- Nakamura, K. *see* Fujita, M. 8-64347
- Nakamura, K. *see* Kamae, T. 8-82215
- Nakamura, M., Kikuchi, B. The energy spectra of secondary electrons from the metallic elements irradiated with ^{60}Co and ^{137}Cs gamma rays 8-84683
- Nakamura, M., Sakaguchi, H., Imai, K., Hatanaka, K., Goto, A., Noro, T., Ohtani, F., Kobayashi, S., Hosono, K., Kondo, M., Kato, S., Ogino, K., Kadota, Y. Asymmetry in the elastic and inelastic scattering of 65 MeV protons from ^{28}Si , ^{29}Si , ^{30}Si , ^{31}P , ^{89}Y and ^{90}Zr 8-54754
- Nakamura, M., Takahashi, T. Inversion of the chi-square transform 8-86122
- Nakamura, M. *see* Chirone, N. 8-82968
- Nakamura, M. *see* Kuroda, T. 8-79032
- Nakamura, M. *see* Masuoka, T. 8-66731
- Nakamura, M. *see* Morioka, Y. 8-70846
- Nakamura, M. *see* Okutsu, E. 8-83554
- Nakamura, M. *see* Sakaguchi, H. 8-78297
- Nakamura, N. *see* Chihara, H. 8-59944
- Nakamura, N. *see* Masumoto, H. 8-56660, 8-72802
- Nakamura, N., Suzuki, Y., Ueda, T. Distribution of radionuclides among green alga, marine sediments and sea water 8-53534
- Nakamura, R. *see* Ueda, T. 8-80981
- Nakamura, S. On transformation of tsunamis in a coastal zone 8-77192
- Nakamura, S. Computational methods in engineering and science 8-81820
- Nakamura, S., Aoki, R. Satellite electron-diffraction in NbSe_3 below $T=59\text{K}$ 8-84136
- Nakamura, S., Yuyama, T., Kubo, H., Shimomura, N., Mitani, K. Breakdown of He-gas by alternating electric field near ion cyclotron frequency 8-55765
- Nakamura, S. *see* Iwasaki, H. 8-88404
- Nakamura, S. *see* Mizokawa, Y. 8-84086, 8-92171
- Nakamura, S. *see* Ohno, Y. 8-80460
- Nakamura, S. *see* Sawa, G. 8-88249
- Nakamura, S. *see* Yoshida, M. 8-60044
- Nakamura, T. Some classifications of ferroelectric crystals 8-60401
- Nakamura, T. A constraint on the velocity dispersion of the missing mass in the solar neighborhood 8-69886
- Nakamura, T., Hirayama, H., Shin, K. Shielding study of bremsstrahlung in bulk media with electrons. II: Spatial bremsstrahlung distribution in water, aluminium, iron and lead bombarded by 22 MeV electrons 8-59840
- Nakamura, T., Sekine, Y., Nito, T., Ose, T. OTF standardization in Japan 8-50726
- Nakamura, T., Tokunaga, F., Yoshizawa, T. Isolation of rod early receptor potential from frog retina 8-69066
- Nakamura, T., Tominaga, Y. Polaritons and central mode in BaTiO_3 8-76006
- Nakamura, T., Yoshida, M., Shin, K. Spectral measurements of neutrons and photons from thick targets of C, Fe, Cu and Pb by 52 MeV protons 8-58282
- Nakamura, T. *see* Fujio, M. 8-67886
- Nakamura, T. *see* Kojima, S. 8-56441, 8-88281
- Nakamura, T. *see* Mori, M. 8-86680
- Nakamura, T. *see* Namba, S. 8-83170
- Nakamura, T. *see* Ohno, H. 8-63661, 8-94961
- Nakamura, T. *see* Shin, K. 8-59839
- Nakamura, T. *see* Tanemoto, K. 8-88173
- Nakamura, T. *see* Toshioka, K. 8-93885
- Nakamura, T. *see* Udagawa, M. 8-64373
- Nakamura, T. *see* Wakasa, K. 8-80543, 8-95749
- Nakamura, Y. Start-up of Tokai reprocessing facility of PNC 8-74457
- Nakamura, Y., Goldberg, L.J., Chandler, S.H., Chase, M.H. Intracellular analysis of trigeminal motoneuron activity during sleep in the cat 8-53389
- Nakamura, Y. *see* Amemiya, H. 8-75368
- Nakamura, Y. *see* Motoya, K. 8-56403
- Nakamura, Y. *see* Nishida, T. 8-72752
- Nakamura, Y. *see* Okutsu, E. 8-83554
- Nakamura, Y. *see* Ondoh, T. 8-69648, 8-85770, 8-93043
- Nakamura, Y. *see* Sasaki, K. 8-71250
- Nakamura, Y. *see* Shibata, T. 8-54969
- Nakamura, Y. *see* Suniyma, K. 8-64197
- Nakamura, Y. *see* Vieira Dias, L.A. 8-83557
- Nakane, H. *see* Kasai, T. 8-64843
- Nakane, R. *see* Kurihara, O. 8-55251
- Nakanishi, E. *see* Komine, A. 8-64622
- Nakanishi, H., Stanley, H.E. A test of scaling near the bond percolation threshold 8-77804
- Nakanishi, H., Suzuki, M., Hamada, M. A numerical method for the limit analysis of general shells of revolution. II. Lower bound method 8-63337
- Nakanishi, H., Ueno, K., Sasada, Y. p-phenylenediacrylic acid diphenyl ester (p-PDAPh), a photopolymerisable crystal 8-63748
- Nakanishi, H. *see* Ueno, K. 8-63747
- Nakanishi, H. *see* Ueno, M. 8-64384
- Nakanishi, K., Toukubo, K., Watanabe, N. Molecular dynamics studies of Lennard-Jones liquid mixtures. IV. Further calculation of the behaviour of one different particle as a model of real fluid systems 8-55794
- Nakanishi, M., Tsuboi, M. The rate of increase in fluorescence intensity caused by deuteration of tryptophan 8-78739
- Nakanishi, N. Indefinite-metric quantum field theory of general relativity 8-65853
- Nakanishi, N. Asymptotic completeness and confinement in the massive Schwinger model 8-66028
- Nakanishi, N. Dipole-ghost gauge theory as a possible model of the gluon 8-66079
- Nakanishi, N. Remarks on the indefinite-metric quantum field theory of general relativity 8-89391
- Nakanishi, N. A new way of describing the Lie algebras encountered in quantum field theory 8-93591
- Nakanishi, N., Takano, M., Hashimoto, M., Morimoto, H., Miura, S. Temperature dependence of the elastic constants above the martensitic transition temperature in Cu-15.0 at.% Sn alloy 8-76695
- Nakanishi, N. *see* Miura, S. 8-76721
- Nakanishi, N. *see* Nagasawa, A. 8-68692
- Nakanishi, N. *see* Toba, Y. 8-82336
- Nakanishi, S. *see* Ishigai, S. 8-90993
- Nakanishi, S. *see* Ishiguro, R. 8-94698
- Nakanishi, S. *see* Kawasaki, T. 8-68823
- Nakanishi, T., Ohashi, M., Higashi, M., Sakanoue, M. Radiochemical studies of deep-sea manganese nodules 8-77215
- Nakanishi, T. *see* Fukushima, M. 8-62409
- Nakanishi, T. *see* Kawarada, H. 8-77069
- Nakanisiy, K., Shiba, H. Domain-like incommensurate charge-density-wave states and the first-order incommensurate-commensurate transitions in layered tantalum dichalcogenides. II. 2H-polytype 8-56084
- Nakano, H. *see* Honda, K. 8-65880
- Nakano, H. *see* Yamashita, M. 8-65879
- Nakano, H.H. *see* Edelstein, S.A. 8-63097
- Nakano, H.H. *see* Kligler, D. 8-74887
- Nakano, H.H. *see* Lorents, D.C. 8-63081, 8-66558
- Nakano, H.H. *see* Zamir, E. 8-63057
- Nakano, K., Kanao, M., Hoshino, A. Effect of nickel content and the austenite phase on low temperature toughness and embrittlement behaviour of Fe-26%Cr alloys 8-60754
- Nakano, K., Sugimoto, T., Suzuki, H. Theory of the 3-methyl lumiflavin in solution 8-74569
- Nakano, M. *see* Igaki, K. 8-51661
- Nakano, M. *see* Takeuti, T. 8-73443
- Nakano, N. *see* Tokaji, K. 8-64625, 8-92332
- Nakano, T. *see* Hata, T. 8-76480
- Nakano, Y. Theory and numerical analysis of moving boundary problems in the hydrodynamics of porous media 8-81252
- Nakao, K., Iida, S., Hirano, M., Tsushima, T. Effect of in-plane field on the stripe end motion in LPE-garnet films 8-68330
- Nakao, K. *see* Mizushima, K. 8-64309
- Nakao, S. *see* Hara, H. 8-55336
- Nakao, S. *see* Saishin, M. 8-85308
- Nakao, S. *see* Shirahata, H. 8-74880
- Nakao, Y., Nakashima, H., Ohta, M., Furukawa, K. Nuclear characteristics of molten-salt-cooled D-D fusion reactor blankets 8-78490
- Nakao, Y. *see* Ikawa, H. 8-68701, 8-72784
- Nakao, Y. *see* Nakashima, H. 8-58400
- Nakaoka, A., Yokoyama, H., Fukushima, M., Takagi, S. Determination of environmental radioactivity. VI. Rapid determination of radioactive cesium in sea-water by cesium selective resin 8-85609
- Nakaoka, A. *see* Kanbe, H. 8-85608
- Nakaoka, A. *see* Takagi, S. 8-82520
- Nakase, M. Optical MTF evaluation for the photolithographic technology 8-90387
- Nakase, Y. *see* Kuriyama, I. 8-59835
- Nakaseko, K. *see* Nakagawa, Y. 8-96217
- Nakashima, H., Ohta, M. Heliotron as a D-D fusion reactor. Preliminary analysis 8-54878
- Nakashima, H., Ohta, M. Nuclear characteristics of D-D fusion reactor blankets. Summary 8-89973
- Nakashima, H., Ohta, M., Nakao, Y. Nuclear characteristics of gas-suspended boron carbide cooled catalyzed D fusion reactor blanket 8-58400
- Nakashima, H., Shiraki, Y. Photoluminescence observation of swirl defects and gettering effects in silicon at room temperature 8-84623
- Nakashima, H. *see* Nakao, Y. 8-78490
- Nakashima, M. *see* Grojean, R.E. 8-81442
- Nakashima, R. UHF-plasma torch emission spectrometry by metal hydride generation 8-92582
- Nakashima, S., Hattoi, T. Photoluminescence excitation spectroscopy of donor-acceptance pairs in ZnTe 8-64409
- Nakashita, T., Hirose, M., Osaka, Y. Localized states in amorphous and polycrystallized Si 8-64008
- Nakata, H., Fujii, K., Otsuka, E. Magneto-optical studies of electron-hole drops in germanium by far-infrared lasers 8-84565
- Nakata, H. *see* Abe, H. 8-92386
- Nakata, R. *see* Sumita, M. 8-80209
- Nakata, T. *see* Watanabe, K. 8-87244
- Nakatani, I., Masumoto, K. Vapor-phase growth of epitaxial $\text{Ga}_{1-x}\text{In}_x\text{Sb}$ by the open-tube method 8-84109
- Nakatani, I., Nose, H., Masumoto, K. Magnetic properties of CuCr_2Se_4 single crystals 8-76227
- Nakatani, N., Konishi, T., Yamada, T., Sakabe, T. Measurement of non-stationary flow in fluidic elements by the laser Doppler velocimeter with variable optical frequency shift 8-55707
- Nakatani, N., Yorise, R., Yamada, T. A laser Doppler velocimeter with variable frequency shift for combustion flow measurement 8-67294
- Nakatao, T., Asada, H. 272 nm absorption band of KCl tablets mingled with PbCl_2 powder 8-84612
- Nakatao, T., Asada, H. Propagation direction of step lines and classification of line families in KCl single crystal 8-87662
- Nakatsiji, H., Hirao, K. Cluster expansion of the wavefunction. Symmetry-adapted-cluster expansion, its variational determination, and extension of open-shell orbital theory 8-54213
- Nakatsui, H., Hishiki, Y. Spectral sensitization process of Cu-doped CdS by cyanine dyes 8-64064
- Nakatsuji, H., Hirao, K. Cluster expansion of the wavefunction. Pseudo-orbital theory based on the SAC expansion and its application to the spin density of open-shell systems 8-62706
- Nakatsuji, H., Koga, T., Kondo, K., Yonezawa, T. Force and density study on the chemical reaction process $\text{NH}_2 + \text{H} \rightarrow \text{NH}_3$ 8-60997
- Nakau, T., Nimura, H., Ozaki, Y., Kamada, S., Hisamatsu, T. Bonds in CdSiP_2 studied by thermal expansion coefficients 8-87651
- Nakau, T. *see* Itoh, N. 8-56455, 8-63778
- Nakaue, A. Studies on the pressure-temperature phase diagram of Nd, Sm, Gd and Dy 8-84776
- Nakawo, M. Studies on structure and flow of a glacier related to elongated bubbles 8-88861
- Nakaya, T. *see* Mitani, T. 8-90412
- Nakayama, Y. *see* Backe, H. 8-50197
- Nakayama, A. *see* Miwa, M. 8-60694
- Nakayama, H., Tanaka, T. Impact fatigue behaviour of rimmed and killed steels 8-88528
- Nakayama, H. *see* Enomoto, T. 8-64749
- Nakayama, H. *see* Numao, T. 8-89786
- Nakayama, H. *see* Ogata, H. 8-51744
- Nakayama, H. *see* Yamazaki, T. 8-54695
- Nakayama, I., Nakamura, A., Takeuchi, R. Transmission characteristics of sound pulse through circular plate 8-59170
- Nakayama, I., Tsuneto, T. Properties of A-15 superconductors with defects 8-76183
- Nakayama, I. *see* Yamamoto, H. 8-67959
- Nakayama, K. Geometric and physiological aspects of depth perception 8-80877
- Nakayama, K. *see* Balliet, R. 8-92633
- Nakayama, K. *see* Kikuta, S. 8-83654, 8-91202
- Nakayama, M. Optical spectrum of inter-sub-band transition in n-Si(111) MOS charge layer 8-64133
- Nakayama, M. *see* Sham, L.J. 8-64082
- Nakayama, S., Kishimoto, T., Itahashi, T., Shibata, T., Ejiri, H. Effective coupling constants for M1, M2 and E3 transitions in f-p shell nuclei 8-89823
- Nakayama, S. *see* Ejiri, H. 8-50185, 8-89872, 8-93927
- Nakayama, T. *see* Akagi, K. 8-80423
- Nakayama, T. *see* Asami, H. 8-80407
- Nakayama, T. *see* Oda, S. 8-52585
- Nakayama, W. *see* Hirasawa, S. 8-95148
- Nakayama, Y. *see* Backe, H. 8-62873
- Nakayama, Y. *see* Mori, K. 8-60712
- Nakazaki, S. Evaluation of the radial integrals in the Coulomb-Born approximation 8-74768
- Nakazaki, T. *see* Tsukada, H. 8-86673
- Nakazatomi, M. *see* Sekoguchi, K. 8-67249
- Nakazawa, E. Charge-transfer type luminescence of Yb^{3+} ions in LuPO_4 and YPO_4 8-64392
- Nakazawa, H. *see* Hirano, K. 8-52964
- Nakazawa, H. *see* Homma, H. 8-90776
- Nakazawa, H. *see* Kobayashi, H. 8-68865

- Nakazawa, K.**, Kawabe, Y., Muneki, S. Grain refinement of high-strength maraging steels through cyclic heat treatment 8-52971
- Nakazawa, K.**, Krauss, G. Microstructure and fracture of 52100 steel 8-76673
- Nakazawa, K.** see Kawabe, Y. 8-80648
- Nakazawa, K.** see Narita, S. 8-65494
- Nakazawa, S.** see Kawahara, M. 8-92848
- Nakazawa, Y.** see Yagi, S. 8-87848
- Nakel, W.** see Behncke, H.-H. 8-62927
- Nakhmanson, R.S.**, Popov, L.K. Measurements of small-signal photo-EMF of Si and Ge MIS structures using scanning light probe 8-52097
- Nakhodkin, N.G.** Thermoplastic media 8-58948
- Nakhodkin, N.G.** see Kanchenko, V.A. 8-92152
- Nakhodkin, N.G.** see Koval', I.F. 8-60042
- Nakhodkin, N.G.** see Koval', I.P. 8-92154
- Nakhutin, I.E.** see Karnakov, B.M. 8-50673
- Nakiboglu, S.M.** Variational formulation of the geodetic boundary value problem 8-92772
- Nakkasyan, A.** see Baum, L. 8-89758
- Nakkasyan, A.** see Block, M. 8-93914
- Nakoryakov, V.E.**, Grigor'eva, N.I. Combined heat and mass transfer during absorption in drops and films 8-63427
- Nakoryakov, V.E.**, Pokusaev, B.G., Alekseenko, S.V., Orlov, V.V. Instantaneous velocity profile in a wavy fluid film 8-79299
- Nakoryakov, V.E.**, Pokusaev, B.G., Troyan, E.N. Impingement of an axisymmetric liquid jet on a barrier 8-94780
- Nalaye, A.M.** see Qureshi, I.R. 8-77181
- Nalbandyan, O.G.** see Kon, A.I. 8-88927
- Nalbandyan, R.M.** see Korkhmazyan, M.M. 8-76993
- Nalda, J.C.** see Fernandez, F. 8-78389
- Naldrett, A.J.**, Goodwin, A.M., Fisher, T.L., Ridler, R.H. The sulfur content of Archean volcanic rocks and a comparison with ocean floor basalts 8-88824
- Naldrett, A.J.** see Duke, J.M. 8-96177
- Nalecz, M.** Some problems in modern biocybernetics and biomedical engineering 8-53553
- Naletov, A.M.** see Genshaft, Yu.S. 8-84994
- Naletova, V.A.** see Gogosov, V.V. 8-83460
- Naletova, V.A.** see Kiryushin, V.V. 8-75212
- Nalimov, I.P.**, Kolobrodov, G.N. Holographic method of measuring phase distortions of an interference pattern owing to the transient nature of laser generation 8-58945
- Nalivaev, V.I.** see Volkov, E.P. 8-93682
- Nalivaiko, V.I.** see Khvalovskii, V.V. 8-79094, 8-87122
- Nam, A.K.** see Seguin, H.J.J. 8-50785, 8-82983
- Nam, T.W.** see Choi, S.K. 8-60666
- Nam Chang Lay** see Lay Nam Chang
- Nam Nguyen Van** see Nguyen Van Nam
- Nam Soo Woo** see Soo Woo Nam
- Nam Whang Chung** see Chung Nam Whang
- Namaizawa, H.** Theory of quasi-two-dimensional quantum solids. I. Two dimensional correlation and the application to ⁴He monolayers adsorbed upon graphite 8-84024
- Namaizawa, H.** Theory of quasi-two-dimensional quantum solids. II. An anisotropic reaction-matrix approach 8-84025
- Namavar, F.** see Rots, M. 8-52395
- Namiba, C.** see Yajima, N. 8-51301, 8-81849
- Namba, H.**, Murata, Y. A vacuum ultraviolet photoelectron spectrometer for the study of chemisorption on metal single crystal surfaces 8-62264
- Namba, H.**, Murata, Y. A vacuum ultraviolet photoelectron spectrometer for the study of chemisorption on metal single crystal surfaces 8-78044
- Namba, K.** see Wakabayashi, K. 8-51395
- Namba, M.**, Mukaida, H., Taguchi, J., Miyagi, T. Electromagnetic pumps for LMFBR 8-94074
- Namba, O.**, van Rijsbergen, R. Evolution pattern of the exploding granules 8-89164
- Namba, S.**, Kuwano, S., Nakamura, T. Rating of road traffic noise using the method of continuous judgment by category 8-83170
- Namba, S.** see Gamo, K. 8-75683
- Namba, S.** see Iwaki, M. 8-75684
- Namba, S.** see Kawabe, M. 8-76779, 8-83122
- Namba, S.** see Murakami, K. 8-68377
- Namba, S.** see Suzuki, K. 8-74780
- Namba, T.**, Kokubo, S., Yamawaki, M., Kanno, M. Hydrogen permeation through nickel and Hastelloy X 8-51740
- Namoodiri, M.N.** see Geoffroy, K.A. 8-74395, 8-74396
- Namdar, R.** see Lafond, C. 8-60681
- Namenson, A.I.** see Casten, R.F. 8-62540
- Namgaladze, A.A.**, Tatishev, K.S., Korenkov, Yu.N., Zakharov, L.P. Dynamical model of the midlatitude ionosphere for a height range from 100 to 1000 km 8-53768
- Namgaladze, A.A.** see Klimenko, V.V. 8-69571
- Namikawa, T.** see Suzuki, T. 8-84543
- Namiki, M.** see Kawaji, S. 8-60219
- Namiki, M.** see Yagi, A. 8-60220
- Naminov, V.L.** see Tavanov, E.G. 8-84690
- Namiot, V.A.**, Goldanskii, V.I. Memointerference or vibrointerference and possibilities of its use 8-55313
- Namiot, V.A.** see Gol'danskii, V.P. 8-53584
- Namiot, V.A.** see Lopatnikov, S.L. 8-78848
- Namizaki, H.** see Kumabe, H. 8-74918
- Namizaki, H.** see Shams, M.K. 8-50944
- Nammalvar, T.** see Gopala, P.V. 8-52515
- Nammalvar, T.** see Gopala Rao, R.V. 8-51962
- Nan-wei Chao** see Chao Nan-wei
- Nanba, N.** Cation distribution and valence state of copper ferrites Cu₁₋₃Fe₂₊₈O₄ 8-63732
- Nanba, T.**, Sagara, M., Ikezawa, M. Optical excitation of the rotational transition of methane in condensed xenon 8-60494
- Nanba, T.** see Ikezawa, M. 8-60462, 8-76452
- Nanba, T.** see Maruyama, M. 8-52485
- Nanbu, K.** see Hiayamizu, S. 8-84328
- Nancollas, G.H.** see Leung, W.H. 8-88417
- Nanda, J.N.** Determination of volume scattering and possibly biological content from sea-bottom echo fluctuations 8-50990
- Nanda, M.M.** Auger analysis of thin-film sandwich structures 8-72030
- Nanda, R.S.**, Mohan, M. Viscous flow in a rotating channel bounded below by a permeable bed 8-91013
- Nandampawar, M.L.**, Rajagopalan, S. Wachtman's equation and temperature dependence of bulk moduli in solids 8-75799
- Nandedkar, R.V.** see van Gysse, J. 8-87722
- Nandi, B.C.** see Al-Dargazelli, S.S. 8-82575
- Nandi, B.C.** see Breare, J.M. 8-50438, 8-70697, 8-94166
- Nandi, G.P.** see Ghosal, S.K. 8-51374
- Nandi, M.**, Chatterjee, S. Relativistic model potential for a number of heavy elements 8-75978
- Nandi, R.K.**, Sen, S., Sen Gupta, S.P. An X-ray diffraction study of the microstructure of hexagonal close-packed zinc films. II. Films vacuum evaporated at normal incidence 8-75966
- Nandi, R.K.**, Sen Gupta, S.P. The application of the convolution relations in the X-ray line breadth studies on lattice defects 8-51394
- Nandi, R.N.** see Chatterjee, A. 8-58667
- Nandi, S.**, Rittenberg, V., Schneider, H.R. Quark-antiquark annihilation and small-*p_t* inclusive spectra 8-58158
- Nandwani, T.B.** Monitoring of radioactive waste discharges from Tarapur Atomic Power Station (TAPS) 8-89899
- Nandy, A.**, Bagchi, B., Ray, S. Off-mass-shell coupling constants and radiative decays of ψ particles in VDM 8-70371
- Nandy, A.** see Bagchi, B. 8-58184
- Nandy, K.**, Morgan, D.H., Carnochan, D.J. Observations of the Small Magellanic Cloud with the Ultraviolet Sky Survey Telescope 8-93414
- Nandy, K.**, Thompson, G.I., Carnochan, D.J., Wilson, R. Observations of interstellar ultraviolet extinction from the S2/68 experiment in the TD-1 satellite 8-93382
- Nandy, K.** see Smyth, M.J. 8-53943
- Nandy, S.K.** see Das, R. 8-58680
- Nanev, C.** see Mirkova, L. 8-79864
- Nanev, Chr.** see Iwanov, D. 8-68628
- Nanev, C.N.**, Vladikova, D. Electrochemical grooving 8-67894
- Nang Tran Tri** see Tran Tri Nang
- Nani, R.Kh.** see Abdullaev, G.B. 8-59100
- Nanishi, Y.** Continuous growth of LPE double layers for GaAs FET 8-64487
- Nanishi, Y.** Liquid phase epitaxial growth of high purity GaAs by sliding boat method 8-76610
- Nanjo, M.** see Kakui, Y. 8-92994
- Nanjo, M.** see Minato, H. 8-89527
- Nanjo, M.** see Sato, T. 8-77373
- Nann, H.**, Wildenthal, B.H. (p,t) and (p,³He) reactions on ³⁹K 8-66278
- Nann, H.** see Decowski, P. 8-74362
- Nann, H.** see Fortune, H.T. 8-70548, 8-82284
- Nann, H.** see Hoffman, G.W. 8-54760
- Nann, H.** see Hoffmann, G.W. 8-70526
- Nann, H.** see Zwiaglin, B. 8-66277
- Nannarone, S.** see Chiariada, P. 8-80036
- Nanni, T.** see Lechi, G.M. 8-65246
- Nannichi, Y.** see Furuse, T. 8-87049
- Nanopoulos, D.V.** see Barger, V. 8-93870
- Nanopoulos, D.V.** see Buras, A.J. 8-54598
- Naot, T.** see Yamada, K. 8-87309
- Naot, D.** Rapid distortion solutions for a stress transport turbulence model in contracting flow 8-67180
- Napartovich, A.P.**, Novobrantsev, I.V., Starostin, A.N. Analytic theory of a sealed CO laser 8-58994
- Napartovich, A.P.** see Baranov, V.Yu. 8-59696
- Napartovich, A.P.** see Visikailo, F.I. 8-71608
- Napie, P.** see Dessus, B. 8-75233
- Napier, A.** see Heller, M. 8-70689
- Napoleoni, J.-G.**, Clarke, G.K.C. Hot water drilling in a cold glacier 8-65402
- Napolitano, E.** see Ademollo, M. 8-49971
- Nappi, A.** see Cobb, J.R. 8-62469, 8-89749
- Naqvi, K.Razi** see Razi Naqvi, K.
- Naraeva, M.K.** see Selivanov, A.S. 8-96321
- Narahara, Y.**, Kobayashi, T., Nishizawa, S. Anomalous nuclear spin relaxation in liquid ³He-⁴He mixtures 8-79849
- Narahari Rao, K.** see Baldacci, A. 8-58692, 8-86862
- Narahari Rao, K.** see Devi, V.M. 8-58693
- Narahari Rao, K.** see Monnanteuil, N. 8-82718
- Narahari Rao, K.** see Smith, G.R. 8-81976
- Narahashi, T.** see Kirsch, G.E. 8-69028
- Narain, N.K.**, Saxena, A., Srivastava, S.L. Barrier to internal rotation of the methyl top at different positions of the five membered heterocyclic molecules 8-78833
- Narain, N.K.** see Krishnaji 8-58666
- Narain, S.** see Lal, S. 8-75035
- Narain, U.** see Mital, H.P. 8-73697, 8-74619
- Naramoto, H.**, Kamada, K. Blister formation in a niobium single crystal on Ne⁺ ion bombardment 8-71772
- Narang, R.S.** see Bleay, J. 8-64460
- Narashimha Reddy, P.**, Nagi Reddy, B.P. A low-cost solid state pulsed NMR transmitter 8-93745
- Narasimha, R.** see Viswanath, P.R. 8-75244
- Narasimhacharyulu, V.**, Pattabhi Ramacharyulu, N.C. Steady flow through a porous region contained between two cylinders 8-75201
- Narasimhacharyulu, V.**, Pattabhiramacharyulu, N.Ch. Steady flow of a viscous liquid in a porous elliptic tube 8-75203
- Narasimham, N.A.** see Bhale, G.L. 8-58678
- Narasimham, N.A.** see Raghuveer, K. 8-70845
- Narasimham, V.L.** see Kulkarni, D.R. 8-54676
- Narasimhamurthy, T.S.** see Veerabhadra Rao, K. 8-60425
- Narasimhan, K.L.** see Guha, S. 8-76176
- Narasimhan, K.L.** see Sekhar, P. 8-83839
- Narasimhan, K.S.V.L.**, Wells, M.G.H., Ratnam, D.V. Rare earth-cobalt magnets with low reversible temperature coefficient 8-68178
- Narasimhan, M.C.** see Hasegawa, R. 8-68301
- Narasimhan, M.C.** see Windsor, C.G. 8-87619
- Narasimhan, P.T.** see Gadre, S.R. 8-78758
- Narasimhan, P.T.** see Sen, K.D. 8-82630
- Narath, A.**, Follstaedt, D. Nuclear spin relaxation in Au⁵¹V: Spin dynamics of a Kondo alloy 8-68155
- Narayan, J.** a(100) dislocations in magnesium oxide 8-71741
- Narayan, J.**, Young, R.T., White, C.W. A comparative study of laser and thermal annealing of boron-implanted silicon 8-75681
- Narayan, J.**, Young, R.T., Wood, R.F., Christie, W.H. p-n junction formation in boron-deposited silicon by laser-induced diffusion 8-87690
- Narayan, J.** see Young, R.T. 8-75678
- Narayan, R.**, Pandey, R.K., Ganguli, B.N. Analysis for the problem of misfitting inclusion and circular arc cracks in a sheet 8-67117
- Narayana, D.G.S.** see Subrahmanyam, V.V.V. 8-56545
- Narayana, M.**, Sastry, G.S. Electron paramagnetic resonance study of Cu-Co interactions in Ba₂Co(HCOO)₈·4H₂O 8-60334
- Narayana, M.** see Sathyanarayan, S.G. 8-60330
- Narayana, P.A.** see Aswatha Narayana, P.A.
- Narayana, P.C.L.** see Vidyandhi, V. 8-51166
- Narayana Murty, V.**, Sarma, P.K. A theoretical analysis of mass transfer from a gas into accelerating thin falling liquid film flowing along an inclined surface 8-93632
- Narayanamurthy, V.**, Chin, M.A., Logan, R.A. Direct determination of symmetry of Cr ions in semi-insulating GaAs substrates through anisotropic ballistic-phonon propagation and attenuation 8-95273
- Narayanamurti, V.** see Kummer, R.B. 8-51700, 8-52288
- Narayanan, G.H.** see Hughes, B. 8-51546
- Narayanan, P.S.** see Bhat, T.N. 8-75641
- Narayanan, V.**, Appu, K.S., Sivadasan, K. Seasonal variations of the equatorial mesospheric circulation indices at Thumba 8-85630
- Narayanawamy, O.S.** Stress and structural relaxation in tempering glass 8-64574
- Narayandas, K.**, Radhakrishnan, M., Balasubramanian, C. Annealing study of the electrical resistivity and defect density in silver films 8-76167
- Narayang, K.L.**, Swamy, K.M. Properties of rare earth metals by means of ultrasonics 8-55912
- Narbut, M.A.** On the correspondence between dynamic stress states in an elastic body and in its photoviscoelastic model 8-75080
- Narbut, V.P.**, Nikolaev, S.I. Calculation of uniform asymptotics of the boundary wave with diffraction of semishadow field on the half-plane 8-89350
- Narchal, M.L.** see Sikri, A.K. 8-80190
- Nardelli, G.** see Abbondanno, U. 8-89869
- Nardi, A.** see Antonucci, L. 8-55052

- Nardi, E., Peleg, E., Zinamon, Z. Energy deposition by fast protons in pellet fusion targets 8-58404
- Nardi, E., Peleg, E., Zinamon, Z. Self magnetic field effects on energy deposition by intense relativistic electron beams 8-83588
- Nardi, M. *see* Federici, L. 8-55107
- Nardi, V. *see* Bostick, W.H. 8-58093
- Nardo, R. *see* Goggi, G. 8-55112
- Narducci, L.M., Gilmore, R., Da Hsuan Feng, Agarwal, G.S. Quantum analysis of optical bistability and spectrum of fluctuations 8-71067
- Narducci, L.M. *see* Agarwal, G.S. 8-94383
- Narducci, L.M. *see* Gilmore, R. 8-63049
- Naremskii, N.K. Disintegration of powder particle agglomerates under the action of an alternating electric field 8-68642
- Nargundkar, V.R., Bazu, T.K., Chandram-oleswar, K., Dzhob, P.K., Subba, R.K. Measurement of the effects of the reactivity of materials in a fast reactor 8-86575
- Nariai, H. On the creation of scalar particles in some anisotropic universe 8-77487
- Nariai, H., Azuma, T. Propagators for a quantized scalar field in some isotropic universe 8-74137
- Nariboli, G.A. *see* Sedov, A. 8-51247
- Narisawa, I., Ishikawa, M., Ogawa, H. Yielding of a notched poly(vinyl chloride) sheet 8-56708
- Narison, S. *see* Mery, P. 8-62331
- Narita, H. Uniaxial tension of snow. I. Strain rate and fracture 8-88855
- Narita, H. Influence of hardness of snow surface, particle shape of drifting snow and temperature on drifting snow phenomena 8-88856
- Narita, H. *see* Shimizu, H. 8-88859
- Narita, K., Enokizono, M. Effect of nickel and manganese addition on ductility and magnetic properties of 6.5% silicon-iron alloy 8-76704
- Narita, K., Enokizono, M. On magnetic properties of Fe-Si-Mn alloy sheet 8-91890
- Narita, K., Enokizono, M., Yoshida, Y. Magnetic measuring equipment using the single strip test frame with double yokes 8-82012
- Narita, K., Yamamoto, H. Effect of preparation conditions on coercive force of mischmetal-cobalt magnets 8-95467
- Narita, K., Yamasaki, J., Fukunaga, H. Composition dependence of magnetic moment and Curie temperature in amorphous $(\text{Fe}_{1-x}\text{Co}_x)_{100-(y+z)}\text{Si}_y\text{B}_z$ ribbons 8-95421
- Narita, K. *see* Konishi, S. 8-91908
- Narita, K. *see* Yamaguchi, T. 8-92213
- Narita, M. *see* Ota, T. 8-94660
- Narita, N., Hatano, A., Takamura, J., Yoshida, M., Sakamoto, H. Stacking fault energy of pure nickel evaluated from the twinning stress of nickel-based alloys 8-59820
- Narita, S., Nakazawa, K. Fully three-dimensional hydrodynamical collapse and formation of binary system 8-65494
- Narita, S. *see* Yamanaka, M. 8-52474
- Narita, S.-i. *see* Taniguchi, M. 8-84251
- Narita, T. Quark-antiquark systems combined by the Coulomb-type attractive force and the kaon form factor 8-89677
- Narkiewicz, J. *see* Jaronic, M. 8-60030
- Narkiewicz, J. *see* Rudzinski, W. 8-84073
- Narkis, M. *see* Kacir, L. 8-72761
- Narkulov, N. *see* Vasil'eva, R.P. 8-76043
- Narlikar, A.V. *see* Pawar, S.H. 8-60507
- Narnhofer, H., Thirring, W. The taming of the dipole ghost 8-66035
- Naroska, B. *see* Baum, L. 8-89758
- Narozhnaya, Z.V., Rykov, G.V. Mechanical properties of soils taking account of their viscoplastic properties with short-term dynamic loads 8-96197
- Narskaya, N.L. *see* Zorev, N.N. 8-78454
- Narten, A.H., Agrawal, R., Sandler, S.I. The structure of liquid bromine. I. An X-ray diffraction study 8-59733
- Narten, A.H. *see* Agrawal, R. 8-59734
- Nartowski, M. *see* Natkaniec, I. 8-63816
- Narumi, H. *see* Atarashi, M. 8-94032
- Narusawa, T., Saito, M., Satake, T., Yoshikawa, H. Ultra high vacuum 8-49845
- Naruse, R. *see* Mae, S. 8-57229
- Naruse, T., Sugawara, Y., Tanaka, M., Hattori, Y., Yoshimura, K., Yamanishi, T., Uchida, N. Experimental investigation on dependence on excess loss for step-index fibers 8-66936
- Naruse, T. *see* Suzuki, H. 8-66930
- Narva, O.M., Dudkin, L.D., Safronov, K.O., Gontar', N.S. Device for determining shapes of powder particles 8-60899
- Narva, V.K. *see* Kiparisov, S.S. 8-60617
- Narziev, B.N. *see* Alperovich, L.I. 8-76976
- Nasarenko, K.W. *see* Lawrenko, W.A. 8-51825
- Nasby, R.D. *see* Berg, R.S. 8-72020
- Naschie, M.S. *see* El Naschie, M.S.
- Naseband, K. *see* Helms, R. 8-60817
- Naselskii, P.D. The kinetics of hydrogen recombination with low mass primordial black holes 8-61943
- Naselsky, P.D. *see* Krymsky, A.M. 8-77629
- Nash, C.R. *see* Kleppe, J.W. 8-74090
- Nash, F.R. *see* Coleman, J.J. 8-87051
- Nash, J.F., Scruggs, R.M. Unsteady boundary layers with reversal and separation 8-75163
- Nash, J.G. *see* Grinberg, J. 8-79141
- Nash, P.E., Monaghan, J.J. A statistical theory of the disruption of three-body systems. III. Three-dimensional motion 8-77475
- Nash, R.A., Jr., Jordan, S.K. Statistical geodesy—an engineering perspective 8-81099
- Nash, T. *see* Caldwell, D.O. 8-54635
- Nash, W.F. *see* Blake, P.R. 8-73596
- Nashatyr', S.V. *see* Kudryavtsev, E.K. 8-95933
- Nasi, E. *see* Chiosi, C. 8-93207
- Nasibov, A.S. *see* Kozlovskii, V.I. 8-59028
- Nasim, M. *see* Edwards, B.C. 8-76745
- Nasir, M.Y. Equation of state of the system of Alfvén waves 8-87397
- Nasir, M.Y. Segregation of magnetohydrodynamic waves in an ideal medium 8-87440
- Nasir, N.E., Dabbousi, O.B. Fluid dynamics model for salt-dome evolution 8-77237
- Nasirov, S.-M., Andrianov, V.G., Struchkov, Yu.T. Crystal and molecular structures and absolute configuration of gummosine 8-79602
- Naskidashvili, I.A., Sharimanov, Yu.G., Vilcu, N., Demco, D., Simplaceanu, V. Low-temperature NMR investigation of zirconium hydride 8-72431
- Naskidashvili, I.A. *see* Topchyan, L.S. 8-67744
- Nasonov, N.N. Slipping flux instability in uncompensated electron beams 8-71026
- Nasonov, N.N. Auto-correlation in an iris-loaded waveguide with an inhomogeneous medium 8-79441
- Nasonova, L.I. *see* Sadovskii, A.P. 8-86887
- Nasr, H. *see* Ben Nasr, H.
- Nasr Eddine, M. *see* Dumas, J. 8-68268
- Nasrallah, N.F., Schlicher, K. Coulomb and tadpole contributions to electromagnetic mass differences 8-89713
- Nasrallah, N.F. *see* Becherrawy, T. 8-70362
- Nassalski, J. *see* Badelek, B. 8-90011
- Nassalski, J. *see* Cutts, D. 8-78380
- Nassar, A.M., El-Mously, M.M.K., Darwish, A.M. Microheterogeneous structure and electrical conductivity of some cabal glasses 8-83997
- Nassar, E.M. Evaluation of cushion dynamic properties by impedance measurements 8-72953
- Nassau, K. The origins of color in minerals 8-69323
- Nasser, M.A., Gazzaly, M.M., Geaga, J.V., Hoistad, B., Igo, G., McClelland, J.G., Sagle, A.L., Spinka, H., Carroll, J.B., Perez-Mendez, V., Whipple, E.T.B. p⁴He elastic scattering at 5.75 GeV/c 8-70532
- Nasser, M.A. *see* Stetz, A. 8-74247
- Nasser, T.A.K. *see* Belcher, R. 8-61093
- Nassibian, A.G., Faraone, L. Capture cross section of gold in silicon 8-91772
- Nassibian, A.G., Faraone, L., Simmons, J.G. Nonequilibrium response of MOS devices to linearly varying voltages 8-52091
- Nassiff, P.J., Boyko, E.R. Teaching the method of successive approximations 8-89281
- Nassiff, S.J. *see* Wasilevsky, C. 8-50182
- Nassisi, V. *see* Luches, A. 8-75373
- Nast, T.C., Barnes, C.B., Wedel, R.K. Development and orbital operation of a two-stage solid cryogen cooler 8-89040
- Nastasi-Andrews, R.J. *see* Enderlein, R. 8-76491
- Nastrom, G.D., Belmont, A.D. Preliminary results on 27 day solar rotation variation in stratospheric zonal winds 8-88878
- Nastyukha, A.I. *see* Kushlyansky, O.A. 8-67532
- Nastyukha, A.I. *see* Metyel, A.S. 8-66674
- Nasu, S., Ozawa, K., Shiozawa, K., Kawatsura, K., Kurasawa, T., Uchida, K. He⁺ ion energy loss parameter in thin films of UO₂ 8-50253
- Nasu, S., Shiozawa, K., Tanifuji, T., Noda, K., Uchida, K. Depth distribution of argon implanted into lithium oxide 8-51577
- Nasu, S., Takeshita, H. The lattice energy of lithium monoxide 8-79556
- Nasu, S. *see* Futai, K. 8-72749
- Nasu, S. *see* Nakae, N. 8-67740
- Nasyrov, S. *see* Shabratoeva, G.S. 8-82359
- Natadze, A.L. *see* Krol', A.V. 8-88310
- Natale, G.G. The contribution of ultrasonic measurements to the study of liquid crystals. I. Nematics 8-63668
- Natale, G.G. Contribution of ultrasonic measurements to the study of liquid crystals. II. Smectics, cholesterics, and mixtures 8-79667
- Natale, V. *see* Caderni, N. 8-73778, 8-73779
- Natale, V. *see* Guidi, I. 8-93118
- Natale, V. *see* Wegmann, H.M. 8-85813
- Natali, G., Messi, R. Evidence of a periodicity in the optical light curve of HD 226868 (Cyg X-1) during the X-flare of April-May 1975 8-81652
- Natali, G. *see* Gilmozzi, R. 8-85972
- Natali, S. *see* Alibrán, P. 8-50026
- Natali, S. *see* Erriquez, O. 8-78170, 8-82195
- Natalis, P., Delwiche, J., Collin, J.E., Caprace, G., Praet, M.T. Autoionisation of NO by UV-photoelectron spectroscopy 8-50583
- Natanzon, G.A. Construction of the Jost function and the S-matrix for a potential of general form allowing the solution of the Schrödinger equation in hypergeometrical functions 8-81870
- Natapoff, M. Pseudopotentials and the radius of the atomic core 8-95248
- Natapov, B.S. *see* Korchagin, I.V. 8-68653
- Natarajan, G.N., Channappa, K.H. Quadrupole coupling constants of ²D₁ and ³P₂ states of ¹⁸⁷Ba and ¹³⁵Ba 8-50081
- Natarajan, K.M., Samulski, E.T., Cukier, R.I. Molecular morphology of polyethylene determined by NMR 8-94341
- Natarajan, M., Howard-Lock, H.E., Brown, I.D. The crystal structure of RbCdCl₃ and the polarized Raman spectra of RbCdX₃ (X=Cl, Br) 8-76443
- Natarajan, P. Electronic energy transfer processes involving coordination compounds 8-56907
- Natarovskii, S.N. *see* Khvalovskii, V.V. 8-79094, 8-87122
- Nater, W., Richner, H. Thermal plumes detected by an acoustic echo sounder 8-57259
- Naterstad, T. *see* Grjotheim, K. 8-71873
- Natesan, K., Chopra, O.K., Kassner, T.F. Influence of sodium environment on the uniaxial tensile behavior of titanium modified type 316 stainless steel 8-52916
- Natesan, K. *see* Chopra, O.K. 8-68909
- Natesan, K. *see* Danielewski, M. 8-72932
- Nath, A. *see* Srivastava, T.S. 8-53321
- Nath, G., Muthanna, M. Flow and heat transfer in steady laminar compressible boundary layer swirling flow in a nozzle 8-94795
- Nath, G. *see* Meena, B.K. 8-75119, 8-79386
- Nath, P., Sundgren, J.-E., Nilsson, H.T.G. Structural and mechanical properties of composite films of iron particles in an oxide matrix 8-84095
- Nath, P. *see* Das, S.R. 8-76602
- Nath, P. *see* Dutta, V. 8-76173
- Nath, R., Schulz, R.J. Modification of electron-beam dose distributions by transverse magnetic fields 8-65132
- Nath, R. *see* Pillai, P.K.C. 8-52034
- Nath, R. *see* Price, K.W. 8-73246, 8-94157
- Nath Nigam Amar *see* Amar Nath Nigam
- Nath Prem *see* Prem Nath
- Nathan, A.M., Olness, J.W., Warburton, E.K., McGrory, J.B. Yrast decay schemes from heavy-ion+⁴⁸Ca fusion-evaporation reactions. III. ^{57,58}Fe, ^{54,55}Cr, and ^{57,58}Mn 8-66308
- Nathan, A.M. *see* Bowles, T.J. 8-93988
- Nathan, A.M. *see* Lieb, K.P. 8-50119
- Nathan, A.M. *see* Sandorfi, A.M. 8-54799
- Nathan, O. *see* Christensen, P.R. 8-54798
- Nathan, S.S., Mehta, S.D., Selvarajan, A. Holographic interferometry study of chemical bond of concrete to smooth steel rods 8-88593
- Nathaniel, R. *see* Schoenberg, M. 8-63294
- Nather, R.E. *see* Patterson, J. 8-93259
- Nathoo, V. *see* Mason, P.R. 8-52113
- Nathrath, N. The plasma centrifuge. III. Measurements on rotating uranium plasmas 8-74502
- Nathrath, N. *see* McClure, J.J. 8-74501
- Nation, J.A. *see* Gammel, G. 8-54508
- Natkaniec, I., Nartowski, M., Kulczycki, A., Mayer, J., Sudnik-Hryniewicz, M. Neutron spectroscopy of crystalline biphenyl and model calculations of vibrational spectra 8-63816
- Natkaniec, I. *see* Bokhenkov, E.L. 8-51629, 8-79690
- Natori, A., Kamimura, H. The electronic structure of a D⁻ centre in strong magnetic fields 8-51928
- Natowitz, J.B. *see* Geoffroy, K.A. 8-74395, 8-74396
- Natsik, V.D., Chishko, K.A. Emission and sound from dislocations moving near the surface of a crystal 8-87856
- Natsik, V.D., Potyomina, L.G. Effect of dislocations on the thermodynamics of the electron gas in metals in the vicinity of the 2^{1/2} order transition 8-51910
- Natsume, H., Okashita, H., Umezawa, H., Okazaki, S., Suzuki, T., Ohnuki, M., Sonobe, T., Nakahara, Y., Ichikawa, S., Usuda, S., Matsuura, S., Tsuruta, H., Suzuki, T., Komori, T., Tamura, S., Gunji, K., Tamura, K. Gamma-ray spectrometry and chemical analysis data of JPDR-1 spent fuel 8-54841
- Natta, A. *see* Panagia, N. 8-85994
- Natter, W.J. *see* Durig, J.R. 8-82730
- Natterer, B. *see* Hulliger, F. 8-60292

- Nattermann, T.** Spin correlations in 2+e dimensions—ordered and disordered phase 8—76210
- Natucci, B.** see Houben, J.L. 8—84647
- Natusch, D.F.S.** see Chuang, F.S. 8—70191
- Naud, C.** see Parrot, R. 8—52566
- Naudascher, E.** see Rockwell, D. 8—94645
- Naudts, J., Michel, K.H.** Lattice dynamics of a partially disordered crystal: A simple model 8—83897
- Naudts, J.** see Michel, K.H. 8—83906
- Naubenberg, U.** see Edwards, R.T. 8—82393
- Nauer, G.** see Kny, E. 8—79536
- Naugol'nyi, N.N.** Equilibrium phase-locked states in a relativistic electron beam in a storage ring 8—50425
- Naugol'nyi, N.N.** see Mazmanishvili, A.S. 8—66736
- Naugol'nykh, K.A.** see Egerev, S.V. 8—50994
- Naulin, F., Detraz, C., Bernas, M., Kashy, E., Langevin, M., Pougheon, F., Roussel, F.** Mass of ^{21}O from the $^{18}\text{O}(^{18}\text{O},^{16}\text{O})^{21}\text{O}$ reaction 8—50078
- Naulin, F.** see Detraz, C. 8—74341
- Naulin, F.** see Roussel, P. 8—70684
- Naumann, E.** see Alex, V. 8—63637
- Naumann, R.A.** see Struble, G.L. 8—66212
- Naumann, R.J.** see Oran, W.A. 8—74013
- Naumann, S., Milner, M.A.** A sequential stimulator for electrical restoration of the micturition reflex 8—53567
- Naumchenkov, N.E.** see Kudryavtsev, I.V. 8—88530
- Naumenko, E.K.** An investigation of the reflecting power of scattering layers with different degrees of dispersity 8—82909
- Naumenko, G.Yu.** see Ivanchenko, V.A. 8—87991
- Naumenkov, P.A.** see Burakov, V.S. 8—73124
- Naumov, A.P., Rassadovskii, V.A.** On variations of atmospheric brightness temperatures in the resonant region $\text{H}_2\text{O } \lambda 1.35 \text{ cm}$ 8—81403
- Naumov, A.P.** see Aleksandrov, E.B. 8—77949
- Naumov, I.V.** see Buzulukov, Yu.P. 8—82547
- Naumov, M.A.** see Kuznetsov, Ju.N. 8—94082
- Naumov, V.G., Shashkov, V.M.** Investigation of a combined discharge used to pump fast-flow lasers 8—71117
- Naumov, V.K.** see Tsarevsky, S.N. 8—94512
- Naumov, Yu.N., Matsyk, S.V., Popovich, A.G.** Corrector for dynamic error of thermocouples 8—77909
- Naumova, T.S.** see Kuz'min, S.L. 8—75834
- Naumovets, A.G.** see Fedorus, A.G. 8—95237
- Naumovets, A.G.** see Vedula, Yu.S. 8—60032
- Naumovets, A.G.** see Vedula, Yu.S. 8—91539
- Naumovets, V.G., Pasechnik, L.L., Yagola, V.V.** Distribution of alternating electric field in low pressure HF discharge placed in magnetic field 8—67546
- Naumovets, V.G., Pasechnik, L.L., Yagola, V.V.** Production of a quiet, steady-state plasma in a magnetic field by a diffusion method 8—79448
- Naumov, Yu.W.** see Klapdor, H.V. 8—89826
- Naundorf, F.F.** A method for computing scattering phase shifts and eigenvalues of the Schrodinger equation with singular potentials 8—62102
- Naurizbaev, A.** see Filipchenko, A.S. 8—64389, 8—88335, 8—95596
- Naus, J.** Phosphorescence of chlorophyll 'a' 8—78842
- Nauta, P.K., Hillen, M.W.** Investigation of mobile ions in MOS structures using the TSIC method 8—68090
- Nauta Lemke, H.R.** Van see Van Nauta Lemke, H.R.
- Nava, A.** see Cesana, A. 8—73115
- Nava, F., Canali, C., Jacoboni, C.** Negative dielectric relaxation of hot electrons in CdTe 8—52001
- Nava, F.** see Canali, C. 8—84227
- Nava, F.** see Reggiani, L. 8—84218
- Nava, R., Romero, J.** Ultrasonic Gruneisen parameter for nonconducting cubic crystals 8—87744
- Nava, R.** see Saint-Paul, M. 8—71796, 8—71867
- Navach, F.** see Baum, L. 8—89758
- Navach, F.** see Block, M. 8—93914
- Navarre, J.L.** see Ronneau, C. 8—73545
- Navarria, F.L.** see Hansl, T. 8—74244, 8—89698, 8—89860
- Navarria, F.L.** see Holder, M. 8—55103
- Navarro, A.** A modified optimization method of estimating aquifer parameters 8—61462
- Navarro, L.T.B.** see Caprihan, A. 8—81012
- Navascues, G., Tarazona, P.** Surface tension of a hard sphere fluid near a wall. Expansion in powers of the density 8—59724
- Navato, A.R.** see Newell, R.E. 8—73398
- Navelet, H.** see Billoire, A. 8—89709
- Navelet, H.** see Martin, A. 8—50021
- Navez, B.** see Ploumhans, M.Th. 8—78010
- Navinsek, B., Peternel, M., Zabkar, A.** Equilibrium surface of technological materials bombarded with high dose He^+ ion bombardment 8—95091
- Navon, E., Cory, H.** The determination of sky-wave received signal level 8—85758
- Navon, G.** see Waysbort, D. 8—62827
- Navratil, J.D.** Evaluation of anion exchange resins for plutonium-uranium separations in nitric acid 8—74782
- Navratil, K.** see Janca, J. 8—80479
- Navrotsky, A.** see Pintchovski, F. 8—88004
- Nawab Singh, Joshi, A.W.** Effect of pressure on F-band energies in alkali halides 8—60086
- Nawata, S.** see Takashima, K. 8—83128
- Nawaz, A., Tou, J.T.** A computer study of renal ischemia 8—73142
- Nawo, B.** see Bischoff, K. 8—82037
- Nawrocka, W., Zossel, R.** Higher-order corrections to the spectrum of the easy-axis Heisenberg ferromagnet 8—80222
- Naya, E.** see Ohsima, R. 8—60711
- Nayak, A.L., Tien, C.L.** A statistical thermodynamic theory for coordination-number distribution and effective thermal conductivity of random packed beds 8—75028
- Nayak, P., Behera, S.N.** Three impurity cluster in a diatomic linear chain 8—75773
- Nayak, R.** Study of exotic nuclei with the Skyrme interaction 8—82273
- Nayak, R.** see Satpathy, L. 8—70475
- Nayar, B.M.** Induced potential problem in three dimensions 8—58880
- Nayatani, Y.** see Takahama, K. 8—92628
- Nayatani, Y.** see Tominaga, S. 8—90047
- Nayatani, Y.** see Yamanaka, T. 8—92629
- Nayfeh, A.H.** see El-Sharkawy, A.I. 8—55485
- Nayfeh, A.H.** see Kandil, O.A. 8—71351
- Nayfeh, M.H., Hurst, G.S., Payne, M.G., Young, J.P.** Observation of new satellites in the Cs-Ar system using resonance ionization spectroscopy 8—82668
- Nayfeh, M.H., Payne, M.G.** Radiative collision-induced photoionization 8—62858
- Nayfeh, M.H.** see Hurst, G.S. 8—82707
- Naylor, D.A., Boreiko, R.T., Clark, T.A.** Mylar beam-splitter efficiency in far infrared interferometers: angle of incidence and absorption effects 8—55434
- Naylor, H.** see Barker, P.H. 8—55082
- Naylor, H.** see Porter, L.E. 8—90040
- Nayyar, V.P.** Self-focusing of a non-Gaussian laser mode in a dense plasma 8—59599
- Nayyar, V.P., Soni, V.S.** Self-focusing of elliptically shaped high-power laser beams in a fully ionized plasma 8—87451
- Nayyar, V.P., Verma, N.K.** Two-point resolution of Gaussian aperture operating in partially coherent light using various resolution criteria 8—78918
- Nazar, F.M.** Low-frequency conductance of thermally grown SiO_2 films 8—80081
- Nazar, F.M.** A.C. conduction in pyrolytically deposited silicon nitride films at low frequencies 8—84334
- Nazarchuk, M.M., Panchenko, V.N.** Transient thermal process calculation 8—83211
- Nazarchuk, T.N.** see Kopylova, V.P. 8—61101
- Nazare, S.** see Hunger, W. 8—62596
- Nazarenco, I.P., Panevin, I.G., Rychkov, B.A.** Heat balance on high current constricted arc anode 8—71499
- Nazarenko, I.I.** see Starovoirov, E.M. 8—74789
- Nazarenko, I.P.** see Garchakov, V.S. 8—71497
- Nazarenko, M.M., Savel'ev, I.I., Skulachenko, S.S., Khromykh, A.M., Yudin, I.I.** Investigation of Zeeman beats in a two-mode travelling-wave laser 8—50827
- Nazarenko, O.K.** see Gabovich, M.D. 8—50692
- Nazarenko, V.G.** Auto-activation in cell populations 8—77017
- Nazaretz, M.** see Heller, M. 8—70689
- Nazarewicz, N.** see Zakrzewska, K. 8—89323
- Nazarewicz, W.** see Gebicki, W. 8—52497
- Nazarewicz, W.** see Krol, A. 8—63827
- Nazarkin, V.N., Korob, E.B.** Modernizing type REhMP-2 scanning microscope with attachment for studying semiconductors 8—58095
- Nazarov, A.N.** see Lysenko, V.S. 8—72272, 8—80056, 8—88488
- Nazarov, A.S.** see Barnakova, V.G. 8—89487
- Nazarov, A.V., Gurov, K.P.** Taking account of nonequilibrium vacancies in the phenomenological theory of interdiffusion 8—59966
- Nazarov, I.M.** The approximate solution of the problem of X-ray propagation in rocks and atmosphere near the ground 8—61586
- Nazarov, I.M.** see Boltneva, L.I. 8—86698
- Nazarov, M.P.** see Yurenkov, V.K. 8—53076
- Nazarov, V.A.** see Ulyanitskaya, A.D. 8—86746
- Nazarov, V.F., Kosoi, L.F., Gromova, G.P.** Formation of silicon oxide inclusions as a result of introduction of solid silicon monoxide into molten steel 8—80530
- Nazarova, M.P.** see Svetlov, I.L. 8—92282
- Nazarova, O.V., Sanadze, T.I.** Model of Yb^{3+} trigonal centers in SrF_2 8—88114
- Nazhalov, A.I., Nyavro, V.F., Fedyainova, N.I., Egorushkin, V.E., Fadin, V.P.** Theoretical investigation of the energy spectrum of electrons in binary substitution alloys with arbitrary degree of long-range order. I 8—75974
- Nazhalov, A.I., Nyavro, V.F., Fedyainova, N.I., Egorushkin, V.E., Fadin, V.P.** Theoretical investigation of the electron energy spectrum in binary substitution alloys with arbitrary degree of long-range order. II 8—84121
- Naziev, Ya.M.** see Mustafaev, M.R. 8—74001
- Nazimova, N.V.** see Bezborodova, S.I. 8—71718
- Nazirov, M.T.** see Dremim, I.M. 8—74217
- Nazmeev, Yu.G., Vachagin, K.D., Galimardanov, M.M.** Experimental study of heat transfer in the flow of anomalously viscous liquids in circular and elliptical pipes 8—59485
- Nazmitdinov, R.G.** see Ignatiuk, A.V. 8—70439
- Nazyrov, V.R.** see Derebchinskii, A.I. 8—78192
- Nazyrov, V.R.** see Zyzalov, A.A. 8—78191
- Ndili, F.N., Chukwumah, G.C.** Heavy-lepton cascade mechanism of trimuon production by neutrinos 8—58180
- Ndocko-Ndongue, V.B., Pape, A.J., Armbruster, R.** Pulse height defects in surface barrier detectors 8—55093
- Nduka, A.** Static solutions of Einstein's field equations for charged spheres of fluid 8—73892
- Neachu, D.** see Basina, Yu.V. 8—93063
- Neaderhouser, C.C.** Some limit theorems for random fields 8—81860
- Neal, D.** see Lenoe, E.M. 8—72884
- Neal, H.A.** see Corcoran, M.D. 8—50054
- Neale, B.K.** An investigation into the effect of thickness on the fracture behaviour of compact tension specimens 8—68764
- Neale, B.K.** see Adams, N.J. 8—68817
- Neale, W.W.** see Bust, C.P. 8—93909
- Nealon, D.** see Jho, C. 8—56024
- Nealy, J.E.** see Callis, L.B. 8—61492
- Neamu, I.** see Berinde, A. 8—78351, 8—82830
- Nease, A.B.** see Wurrey, C.J. 8—78701
- Nease, D.** see Barish, B.C. 8—62386, 8—89699
- Neate, G.J.** The effect of size and geometry on the creep cracking behaviour of normalised and tempered 0.5Cr-Mo-V steel at 565°C 8—64630
- Neate, G.J.** The temperature dependence of creep crack growth in 0.5Cr-Mo-V steel within the range 525–600°C 8—64634
- Neaves, M.J.** see Kamath, M.S. 8—85085
- Nebauer, E.** A comparative study of zinc tracer diffusion profiles in LEC, SSD, and CVD GaP 8—95189
- Nebauer, E.** see Buroff, A. 8—87822
- Nebauer, E.** see Schneider, M. 8—51743
- Nebbeling, C., Bannik, W.J.** Experimental investigation of the supersonic flow past a slender cone at high incidence 8—90932
- Neblett, D.** see Syed, A.M.N. 8—96083
- Nebosov, Yu.I.** see Ezhov, A.A. 8—80532
- Nechaev, A.F., Plachenov, B.T.** Radiative recombination of localized excitons in KBr-Li crystals 8—72605
- Nechaev, A.F.** see Aleksandrov, A.B. 8—95927
- Nechaev, B.L.** see Kharitonov, Yu.N. 8—68459
- Nechaev, S.V.** see Burakov, V.S. 8—73124
- Nechaev, V.E., Fuks, M.I.** Design of magnetically insulated annular relativistic electron beam with magnetic insulation 8—78037
- Nechaev, V.M.** see Kartashov, E.M. 8—63267
- Nechiporenko, I.N.** see Borovik, A.E. 8—52245
- Nechitailo, Y.S.** see Arushanov, S.Z. 8—53007
- Nechtschein, M.** see Avalos, J. 8—91974
- Nechtschein, M.** see Devreux, F. 8—52370
- Nechuev, S.I.** see Brodskii, Yu.Ya. 8—59604
- Nechuev, S.I.** see Brodsky, Yu.Ya. 8—75353, 8—75383
- Neckel, A.** see Herzig, P. 8—75618
- Neckel, A.** see Tomiska, J. 8—51707
- Neckel, T.** UVB, VRI and HB observations of stars in the H II regions NGC 6334 and NGC 6357 8—85998
- Necmi, S., Hancox, W.T.** An experimental and theoretical investigation of blowdown from a horizontal pipe 8—94093
- Nedavni, A.P.** see Danileiko, M.V. 8—59048
- Nedderman, R.M.** Permissible values of the shear index 8—63324
- Neddermeyer, H.** see Heimann, P. 8—52623, 8—68604
- Nedelec, J.C.** Computation of eddy currents on a surface in R^3 by finite element methods 8—90343
- Nedelec, O., Dufayard, J.** Lifetimes of the MgH (MgD) and HgH (HgD) A^{21} state excited by a pulsed dye laser 8—94288
- Nedita, N.I.** Potentially umbilical Lorentz manifolds structured by a parallel spatial connection 8—49646
- Nedlin, G.M., Shapiro, R.Kh.** Effect of a transverse magnetic field on domain-wall motion in ferromagnets 8—68292
- Nedopekin, V.G.** see Andreev, V.N. 8—74413
- Nedoresov, S.S.** Conduction electron magnetism at critical points with changing topology of isoenergetic surfaces 8—52260
- Nedorezov, V.G.** see Zapevalov, V.A. 8—86561
- Nedospasov, A.** see Biberman, L. 8—75440
- Nedospasov, A.V.** The physics of MHD generators 8—83623
- Nedospasov, A.V.** see Gusev, V.M. 8—95083

- Nedospasov, A.V. *see* Guseva, M.I. 8-95087
- Nedospasov, A.V. *see* Zytkova, N.M. 8-75267
- Nedyalkova, A.A. *see* Konstantinova, E.M. 8-80017
- Nedzheski-Klezha, S. On two-segment elastic-plastic processes in thick-walled tube 8-67063
- Nedzvetskii, D.S. *see* Mashlyatina, T.M. 8-64380
- Nee, T.W., Cantrell, C.D., Scott, J.F., Scully, M.O. Nonlinear optical properties of InSb: hot-electron effects 8-71139
- Nee, V.W., Cheung, F.B. On the sudden vanish of a thin vertical plate in a free convection flow 8-94531
- Nee, V.W. *see* Rao, K.S. 8-92968
- Needham, B. *see* Coates, D. 8-51415, 8-83725, 8-91236
- Needham, H.D. *see* Hoffer, M. 8-65259
- Needham, P.J., Parrott, J.E., Williams, P. Controlled current DC measurements on polymeric insulators 8-57982
- Needleman, A., Triantafyllidis, N. Void growth and local necking in biaxially stretched sheets 8-90735
- Neef, E. *see* Muller, R. 8-66920
- Neef, W.S. *see* Culver, D.W. 8-58449
- Neef, W.S., Jr. Remote servicing features of two new mirror fusion reactors 8-58448
- Neefus, C.D., Gilbert, T.R. An automated DC plasma echelle spectrometer system for the determination of trace elements 8-53277
- Neelakanthiaswamy, P.S. *see* Pirjola, R. 8-85334
- Neelakantaswamy, P.S. Noninvasive beam-wave reflectometric instrumentation for measuring complex permittivity of dielectric materials at microwave frequencies 8-74030
- Neelakantaswamy, P.S., Gupta, K.K., Banerjee, D.K. A compact light-weight Gaussian-beam launcher for microwave exposure studies 8-96119
- Neelakantaswamy, P.S., Ramakrishnan, K.P. Microwave-induced hazardous thermal stresses in the ocular lens of the human eye 8-80914
- Neely, H.H., DeBear, W.S., Miller, A.E. Sodium-water reaction testing in the LLTR 8-86577
- Neely, J.A. *see* Copperthwaite, R.G. 8-56029
- Ne'eman, Y. Gravitational interaction of hadrons: band-spinor representations of $GL(N, R)$ 8-50000
- Ne'eman, Y., Sherry, T.N. Graded spin-extension of the algebra of volume-preserving deformations 8-65855
- Ne'eman, Y., Sherry, T.N. Affine extensions of supersymmetry: the finite case 8-70300
- Ne'eman, Y. *see* Hehl, F.W. 8-89388
- Nef, C. *see* Baldi, R. 8-50052
- Nef, C. *see* Martin, A.D. 8-50051, 8-50053, 8-82230
- Nefed'ev, V.P. *see* Uralov, A.M. 8-96468
- Nefedov, A.P., Urinson, A.S. An automatic system for measuring the concentration of admixture atoms in an MHD laser 8-73123
- Nefedov, V.I. X-ray photoelectron study of ligands in coordination compounds 8-62842
- Nefedov, V.I., Yarzhevsky, V.G. Theoretical calculation of relative intensities in ESCA 8-50464
- Nefedov, V.I., Zhumadilov, E.K., Kopytova, T.Yu. Comparison of the chemical shifts of X-ray electron and Auger lines 8-86912
- Nefedov, V.I. *see* Domashevskaya, E.P. 8-92176x
- Nefedov, V.I. *see* Sergushin, I.P. 8-88384
- Neff, H.P., Jr. *see* Copeland, R.L. 8-58506
- Neff, J.A., Flannery, D.L. Air Force research in optical processing 8-74854
- Neff, J.O. Perspectives on fusion power commercialization 8-58405
- Neff, J.S. *see* Danylewych, L.L. 8-85909
- Neff, P.H. *see* Brownlee, R.R. 8-57123, 8-77152
- Neff, S.H. *see* Tolk, N.H. 8-86804
- Negele, J.W. Nuclear matter theory 8-62497
- Negele, J.W., Koonin, S.E., Moller, P., Nix, J.R., Sierk, A.J. Dynamics of induced fission 8-66261
- Negele, J.W. *see* Davies, K.T.R. 8-82374
- Negele, J.W. *see* Onishi, N. 8-66220
- Negi, J.G., Dimri, V.P. Reply by authors on comments by T.J. Ulrych on 'Three-dimensional statistical gravity disturbance model' 8-96125
- Negishi, N. Thermionic emissions from tungsten, rhenium and molybdenum in atmospheric pressure gases 8-76575
- Negita, H. *see* Sakai, H. 8-72438
- Negoita, M.Gh. *see* Barbu, St. 8-54390
- Negra, S. Della *see* Della Negra, S.
- Negran, T.J., Glass, A.M. Generation of intense subnanosecond 0.58-0.80- μ m pulses with a flashlamp-pumped dye laser 8-90422
- Negri, P. *see* Bellotti, E. 8-94018
- Negrini, P., Ravaglia, A., Solmi, S. Boron predeposition in silicon using BBr_3 8-55882
- Negru, S., Dascau, D. Quantum-mechanical calculations on electron emission at a metallic contact to a semiconductor of moderate doping 8-68087
- Neguieruela, I. *see* Bernabeu, E. 8-51344
- Negus, P.J. *see* Baubillier, M. 8-93877
- Negus, P.J. *see* Jayet, B. 8-74270
- Nehasil, M. *see* Gosmanova, G. 8-85043
- Neher, E. *see* Eisenman, G. 8-53370
- Nei, T. Structure and function of frozen cells: freezing patterns and post-thaw survival 8-64960
- Nei, T. *see* Fujikawa, S. 8-92765
- Neideig, D.F., Jr. H α , hard X-ray, and microwave emissions in the impulsive phase of solar flares 8-77540
- Neidhofer, J. *see* Reich, W. 8-96391
- Neidle, S. *see* Berman, H.M. 8-96005
- Neiger, M., Schmitt, J., Zimmermann, B. Experimental investigation of the broadening of the free-bound Cl^- continuum radiation threshold in a plasma 8-71579
- Neiger, M., Zimmermann, B. Theoretical interpretation of the effect of the plasma microfield on the radiative detachment threshold of Cl^- 8-71580
- Neiger, M. *see* Hoffmann, H. 8-91078
- Neil, G.R., Post, R.S. Mutichannel, high-energy railgap switch 8-55770
- Neilson, G.F., Weinberg, M.C. The spectroscopic behaviour of high CaO content, laser-type glasses 8-60497
- Neilson, G.F. *see* Weinberg, M.C. 8-56610
- Neilson, G.W., Enderby, J.E. The hydration of Ni^{2+} in aqueous solutions 8-79518
- Neilson, G.W. *see* Combasson, J.L. 8-63796
- Neilson, H.C., Lu, Y.P., Wang, Y.F. Transient scattering arbitrary axisymmetric surfaces 8-79151
- Neilson, J.M.M. *see* Murray, A. 8-81040
- Neiman, E.Ya., Sumenkova, M.F. Determination of antimony and copper in copper alloys by method of inverse voltamperometry 8-61099
- Neimark, E.I. *see* Vikhnin, V.S. 8-72388
- Neimark, I.E. *see* Stas', O.P. 8-53263
- Neisecke, O. Terrestrial integration and photogrammetric measurements 8-92776
- Neizvestnov, B.M. *see* Mikheev, M.N. 8-73007
- Nejmis, O.J. *see* Lozano, R.D. 8-54430
- Nejat, Z. Maximum heat flux for countercurrent two phase flow in a closed end vertical tube 8-90992
- Nekhoroshev, S.A. *see* Koptuyg, V.A. 8-88624
- Nekrashevich, V.G. *see* Dudkin, V.A. 8-50767
- Nekrasov, A.G., Mikhailchuk, A.A. The generalized Lorentz transformation in general relativity and the behaviour of some physical quantities at the boundary between R- and I-regions 8-49725
- Nekrasov, A.G., Samoilov, S.N. The significance of the components of the metric tensor and the energy-impulse tensor at the boundary between R- and T-regions 8-49726
- Nekrasov, L.I. *see* Mamleyeva, N.A. 8-53327
- Nekrasov, S.A., Terletskii, Ya.P. Fluctuations in magnitude, time-averaged during the measurement process 8-73923
- Nekrasov, Yu.I. *see* Uteshev, M.Kh. 8-82024
- Nekrasova, S.Z. *see* Kulemin, A.V. 8-67823
- Nekvasil, V. The crystal field for Nd^{3+} in garnets 8-64013
- Nekvasil, V., Roskovec, V., Zounova, F. Application of the superposition model of the crystal field to rare earth garnets 8-68132
- Nel, S.D. *see* Ellis, G.F.R. 8-93491
- Nel, S.D. *see* Maartens, R. 8-57825
- Nelepov, B.A., Kuftarkov, Yu.M., Kosnyrev, V.K. On the influence of mesoscale eddies on sea surface temperature 8-81191
- Nelepov, B.A., Pantelev, N.A., Khlystov, N.Z. Complex investigations of the mesoscale synoptic eddy in the ocean 8-85588
- Nelepov, B.A., Suetin, V.S. On regularization of solution for an inverse problem of ocean radio- and heat location 8-65419
- Nelipa, N.F., Pukhov, A.E. Existence of solutions of the equations for a Green's function model of the q^3 interaction 8-77775
- Nelipa, N.F. *see* Chaichian, M. 8-62305
- Nelipovich, E.S. *see* Goryunov, E.P. 8-78527
- Nelkowski, H. *see* Bertram, R. 8-52577
- Nelkowski, H. *see* Haupt, H. 8-52578
- Nellen, B. *see* Bosetti, P.C. 8-70357
- Nelmes, R.J., Choudhary, R.N.P. Structural studies on the monoclinic dihydrogen phosphates: a neutron-diffraction study of paraelectric $CS_2H_2PO_4$ 8-79592
- Nelmes, R.J., Kennedy, N.S.J., Baharie, E., Hewat, A.W. High-pressure structural studies of KH_2PO_4 and KD_2PO_4 in relation to dynamical models of KDP-type ferroelectrics 8-80307
- Nelmes, R.J. *see* Meyer, G.M. 8-79718
- Nelson, A. *see* Keane, B. 8-73277
- Nelson, A.E. *see* Heile, F.B. 8-74238
- Nelson, A.R. *see* Soref, R.A. 8-55438
- Nelson, B. *see* Cutts, D. 8-78380, 8-89746
- Nelson, B.E., Burn, P.B. Pulse coil concepts for the LCP facility 8-50397
- Nelson, B.E. *see* Cain, W.D. 8-50373
- Nelson, B.E. *see* Cenker, A.A., Jr. 8-94532
- Nelson, B.E. *see* Walstrom, P.L. 8-54929
- Nelson, B.P. *see* Eve, M. 8-50928
- Nelson, C.A. Neutrino physics: new flavors? or charm, then color, excitation? 8-93874
- Nelson, C.A. *see* Ngee-Pong Chang 8-66111
- Nelson, D.A., Kiester, T.E. Frequency discrimination in the chinchilla 8-92639
- Nelson, D.A., Summers, C.J., Whitsett, C.R. Phase diagram and crystal growth of pseudobinary HgSe-CdSe alloys 8-68620
- Nelson, D.B. *see* Peng, Y.-K.M. 8-51333
- Nelson, D.F. Theory of nonlinear electroacoustics of dielectric, piezoelectric, and pyroelectric crystals 8-79155
- Nelson, D.F. Acoustic wave mixing in piezoelectric crystals 8-83155
- Nelson, D.J., Mottley, C., Trifunac, A.D. CIDNP in the radiolysis of aqueous methanol. Indication of methoxy radical involvement 8-53223
- Nelson, D.J. *see* Trifunac, A.D. 8-86891
- Nelson, D.L. *see* Ferrari, A.J. 8-77503
- Nelson, D.R. Dynamics of classical XY spins far from equilibrium 8-68136
- Nelson, D.R. *see* Halperin, B.I. 8-71833
- Nelson, D.R. *see* Jing-Huei Chen 8-80098
- Nelson, G. *see* Pietrzyk, Z.A. 8-67384
- Nelson, G.C. Ion beam sputtering 8-68587
- Nelson, G.C. Combined low-energy ion scattering and X-ray photoelectron spectroscopy study of Ta_2O_5 bombarded by 500-3000-eV He ions 8-72660
- Nelson, G.D., Hearn, A.G. A line driven Rayleigh-Taylor-type instability in hot stars 8-53927
- Nelson, G.D., Musman, S. The scale of solar granulation 8-57521
- Nelson, G.J. Three frequency observations of a moving type IV burst at the limb 8-69776
- Nelson, H.C., Villa, J.F. The Faraday method. II. A convenient and reliable support for low temperature measurements 8-65947
- Nelson, H.G. *see* Bhogswara Rao, D. 8-64773
- Nelson, H.G. *see* Jacob, K.T. 8-76947
- Nelson, H.M. *see* Dean Barnett, J. 8-54418
- Nel'son, I.V. *see* Bushmarina, G.S. 8-56065
- Nelson, J.M. *see* Chew, S.H. 8-50164
- Nelson, J.M. *see* Roman, S. 8-54769
- Nelson, J.R., Toth, L.E., Judy, J.H. Magnetization, coercivity, and magnetostriction studies of electrodeposited Ni-P alloys 8-68338
- Nelson, J.W. *see* Cahill, T.A. 8-69350
- Nel'son, K.V., Saidov, D., Novikova, N.N. Influence of intermolecular interaction on the durability of elastomers 8-76746
- Nel'son, K.V. *see* Ionina, N.V. 8-76627
- Nelson, L. *see* Muller, H.G. 8-81480
- Nelson, M.A. *see* Lin, C.-H. 8-87128
- Nelson, P. *see* Mitra, A.K. 8-58317
- Nelson, R.D. Infrared solid state imaging arrays 8-77990
- Nelson, R.D. *see* Massie, N.A. 8-79127
- Nelson, R.J. AlGaAs DH pump laser for photoluminescence lifetime measurements 8-74085
- Nelson, R.J. Interfacial recombination in GaAlAs-GaAs heterostructures 8-95347
- Nelson, R.J., Sobers, R.G. Interfacial recombination velocity in GaAlAs/GaAs heterostructures 8-68075
- Nelson, R.L., Thomas, D.L. Free vibration analysis of cooling towers with column supports 8-83292
- Nelson, R.L. *see* Cornish, D.N. 8-54922
- Nelson, W.C., Silarski, D.F., Wankat, P.C. Continuous flow equilibrium staged model for cycling zone adsorption 8-64874
- Nelyubin, V.V. *see* Kravtsov, A.V. 8-50046
- Nemanich, R.J., Lucovsky, G., Pollard, W., Joannopoulos, J.D. Spectroscopic evidence for bonding coordination defects in amorphous As 8-60498
- Nemanich, R.J., Lucovsky, G., Solin, S.A. Long wavelength lattice vibrations of graphite 8-75746
- Nemanich, R.J. *see* Knights, J.C. 8-72515
- Nemanov, M.S., Merkushev, V.A., Vasserman, N.N. Method of investigating development of fatigue cracks in constructional steels in corrosive media 8-85081
- Nemanov, M.S. *see* Kalugin, V.E. 8-85083
- Nemashkalo, A.A., Afanas'ev, N.G., Likhachev, V.P., Savitskii, G.A., Khvastunov, V.M. Electroexcitation of giant multipole resonances in ^{64}Zn nucleus 8-58264
- Nemashkalo, A.A., Afanas'ev, N.G., Vladimirov, Yu.V., Likhachev, V.P., Savitskii, G.A., Khvastunov, V.M. Giant multipole resonances in nucleus ^{124}Sn 8-78349
- Nemat-Nasser, S. Geothermal energy: heat extraction from hot dry rock masses 8-61378
- Nemat-Nasser, S., Keer, L.M., Parihar, K.S. Unstable growth of thermally induced interacting cracks in brittle solids 8-63374
- Nemat-Nasser, S. *see* Minagawa, S. 8-63223
- Nemchenko, E.D. *see* Galkin, A.A. 8-53115
- Nemchenko, E.D. *see* Svistunov, V.M. 8-52154

- Nemchenko, I.A.** *see* Sid'ko, F.Ya. 8-68932
- Nemchinskii, V.A.**, Peretts, L.N. Anode sheath in a high-pressure, high-current arc 8-67467
- Nemchinov, I.V.**, Orlova, T.I. Processes near a target surface when the plasma front propagates from it towards the laser radiation 8-91129
- Nemchinov, I.V.**, Popova, M.P., Shubadeeva, L.P. Propagation of a two-dimensional supersonic radiation wave 8-87470
- Nemchinov, Yu.K.** *see* Andreev, A.M. 8-94839
- Nemchinskii, V.A.** *see* Moizhes, B.Ya. 8-63614
- Nemec, H.W.**, Roth, J. On the neutron dose levels of an 8 MeV linear accelerator and a 18 MeV betatron 8-69221
- Nemec, J.**, Drexler, J., Klesnil, M. Development of fatigue cracks in real structures: applications to aircraft design 8-56769
- Nemecek, N.** Study of the electron density and light intensity variations in the irregular ionisation waves 8-67520
- Nemenov, L.L.** *see* Gorchakov, O.E. 8-54629
- Nemes, L.** Rotational constant dependence of quartic centrifugal distortion constants 8-62784
- Nemes, L.** Rotation-vibration analysis of the Coriolis-coupled ν_5 , ν_6 , ν_8 , and ν_9 bands of H_2CCO 8-86859
- Nemes, M.** Carolina. *see* Carolina Nemes, M.
- Nemeth, G.** *see* Paris, G. 8-75304
- Nemeth, I.** *see* Nagy, A.B. 8-65145
- Nemeth, J.** The validity of the adiabatic time dependent Hartree-Fock theory 8-50149
- Nemeth, S.** *see* Stefan, M. 8-91904
- Nemets, A.M.** *see* Nikolaev, G.I. 8-75822
- Nemilov, S.V.** *see* Gushkina, N.G. 8-88454
- Nemira, M.** *see* Vilemas, J. 8-94723
- Nemira, M.A.** *see* Vilemas, J.W. 8-83482
- Nemirov, Yu.V.** *see* Gavinskii, Yu.V. 8-53107
- Nemirovskii, M.R.** *see* Nemirovskii, Yu.R. 8-60670
- Nemirovskii, Yu.R.**, Nemirovskii, M.R. Analytical method of defining an orientation relation from relative orientations of martensite crystals 8-60670
- Nemirovskii, Yu.V.** *see* Koshur, V.D. 8-51061
- Nemish, Yu.N.** The theory of the perturbation method in 3-dimensional problems in the mechanics of deformable media 8-49660
- Nemish, Yu.N.**, Lyalyuk, D.F. Convergence of the perturbation method and accuracy of fulfillment of the boundary conditions at noncanonical surfaces 8-77696
- Nemnonov, S.A.** *see* Fedorenko, V.V. 8-52746
- Nemoshkalenko, V.V.**, Aleshin, V.G. Investigation of the effect produced by short-range and long-range order on the spectrum of valence electrons in [solids] 8-52639
- Nemoshkalenko, V.V.**, Aleshin, V.G., Kucherenko, Yu.N. Theoretical investigation of the structure of X-ray photoelectron spectra of crystals 8-64445
- Nemoshkalenko, V.V.**, Antonov, V.I.N., Antonov, V.N., Ziesche, P., Wonn, H. On the influence of relativistic effects on the electronic structure of lutetium 8-75991
- Nemoshkalenko, V.V.**, Gorski, V.V., Ivanova, E.K., Tihonovich, V.I., Kovalenko, O.I. The local X-ray investigation of C-Fe-Cr-Mo alloys after friction tests and after oxidation 8-52997
- Nemoshkalenko, V.V.** *see* Gorski, V.V. 8-88467
- Nemoshkalenko, V.V.** *see* Gridnev, V.N. 8-84768
- Nemoshkalenko, V.V.** *see* Pan, V.M. 8-87749
- Nemoshkalenko, V.V.** *see* Ziesche, P. 8-63969
- Nemoto, F.**, Yano, M. Development of a voltage divider and a Rogowski coil on a pulsed X-ray device 8-93788
- Nemoto, F.**, Yano, M. Application of laser triggered gap switches to heavy duty high speed switches 8-94940
- Nemoto, F.** *see* Sakuda, T. 8-74318
- Nemoto, S.** *see* Sugawara, M. 8-74515
- Nemoto, T.** *see* Inoue, T. 8-54460, 8-86272
- Nemov, V.V.** *see* Kalyuzhnyi, V.N. 8-94893
- Nemozhenko, O.N.** *see* Kravtsov, A.V. 8-93902
- Nemtsov, L.D.** *see* Vorontsova, Ye.A. 8-57340
- Nemzer, V.G.**, Pugach, V.V. Thermal conductivity of polyethyl siloxane liquids at high pressures 8-79825
- Nenchev, N.** *see* Kamenova, Ts. 8-53304
- Nenciu, G.**, Scharf, G. On regular external fields in quantum electrodynamics 8-89640
- Neng-Ming Wang, Oh, H.L.** Finite element analysis of crack problems in highly elastic materials 8-67146
- Neng-wu Zheng** *see* Zheng Neng-wu
- Neanno, S.** *see* Enami, K. 8-76645
- Neanno, S.** *see* Nagasawa, A. 8-68692
- Neanno, S.** *see* Yamamoto, M. 8-95768
- Neenot, J.C.** *see* Bresson, G. 8-53531
- Nenov, D.I.** *see* Budurov, S.J. 8-80510
- Nenovski, P.** Effect of finite amplitude electric field in plasmas: stochastic dielectric permittivity 8-71436
- Nenow, D.**, Gueleva, S. Disappearance of voids in lithium fluoride single crystals 8-55864
- Nentwich, G.**, Hofmann, H. Magnetoresistance of grain oriented magnetic steel sheet 8-68020
- Neo, Y.P.** *see* Shepherd, G.G. 8-62216
- Neodostup, V.I.**, Gal'kevich, E.P. New equation of state for real gases 8-67297
- Neogy, C.**, Deb, S.K. Modified electronic charge density of some alkali chlorides 8-79554
- Neogy, D.**, Chatterji, A. Magnetic properties, Schottky heat capacity, and the nuclear quadrupole splitting of the 8.42 keV excited state of Tm^{3+} on tetragonal sites in CaF_2 8-76037
- Neov, S.**, Gerassimova, I., Krezhov, K., Sydzhimov, B. Atomic arrangement in tellurite glasses studied by neutron diffraction 8-83743
- Neov, S.D.** *see* Gerasimova, I.D. 8-83656
- Nepoklonov, V.K.** *see* Gerasimova, N.G. 8-74068
- Neppell, C.T.** *see* Thornber, K.K. 8-80059
- Neprochnov, Yu.P.**, Sedov, V.V., Rykunov, L.N., Pokryshkin, A.A. Automatization of observations and preliminary processing of recordings of ocean-bottom seismographs during DSS in the sea 8-57339
- Nepyshnevskii, V.M.** *see* Simonovskii, F.I. 8-87807
- Nerbrant, P.-O.** An application of SCHOONSC-HIP for algebraic calculations in quantum chemistry 8-74555
- Nerenberg, M.A.** *see* Govindarajan, J. 8-79782
- Nereson, N.** Diode laser measurements of NH_3 absorption lines around $10.6\mu\text{m}$ 8-58689
- Nereson, N.G.** *see* McDowell, R.S. 8-70837, 8-90162
- Nergard, A.** *see* Storetvedt, K.M. 8-85478
- Nerheim, N.M.**, Bhanji, A., Russell, G.R. A continuously pulsed copper halide laser with a cable-capacitor Blumlein discharge circuit 8-82981
- Nerlishi, S.** *see* Okajima, S. 8-85393
- Nerlo-Pomorska, B.**, Ludziejewski, J. The deformation of the ground and excited states in the Ag and Sn nuclei 8-82277
- Nerlo-Pomorska, B.** Effect of a simple consistency condition on the multipole moments of actinides 8-86475
- Nerlo-Pomorska, B.** *see* Ignatiuk, A.V. 8-70439
- Nerney, B.** *see* Squire, L.C. 8-94654
- Nerney, S.**, Barnes, A. The spiral field inhibition of thermal conduction in two-fluid solar wind models 8-96372
- Nero, A.V.** *see* Freedman, S.J. 8-78304
- Nero, G.L.** *see* Del Nero, G.L.
- Neronova, I.A.** *see* Gurari, M.L. 8-64913
- Nersosov, E.A.** *see* Zaretskii, D.F. 8-92138
- Nersosova, G.N.** *see* Bolotnikova, T.N. 8-90208
- Nersesyan, K.A.** *see* Azizbekyan, G.V. 8-50550
- Nersisyan, S.Ts.** *see* Arakelyan, S.M. 8-90457
- Nertney, R.J.** Advance preparation for accident investigation 8-57083
- Nerubenko, S.G.** *see* Kuksenko, V.I. 8-81321
- Nerushov, Yu.F.** *see* Kalender'yan, V.A. 8-83402
- Nes, E.** The influence of microstructure on localized shear failure in AlZnMg alloys 8-52996
- Nes, E.** Strain-induced continuous recrystallization in Zr-bearing aluminium alloys 8-84915
- Nes, E.** *see* Solberg, J.K. 8-71755, 8-95752
- Nes, G.J.H.** *see* van van Nes, G.J.H.
- Nes, G.J.H.** *see* van van Nes, G.J.H.
- Nesaula, V.R.** *see* Vasil'chikov, K.H.P. 8-52694
- Nesbet, R.K.** Prior statistical distributions implied by dynamical threshold laws for molecular collisions 8-86928
- Nesbet, R.K.** *see* Barsuhn, J. 8-58749
- Nesbet, R.K.** *see* Cornille, M. 8-66679
- Nesbit, L.A.**, Laughlin, D.E. Ordering in an off-stoichiometric Ni-Mo alloy 8-52752
- Nesci, P.** *see* Morrison, I. 8-70452
- Neshchimenko, Yu.P.** *see* Akulintsev, V.M. 8-90270
- Neshev, M.K.** Epitaxial growth of gallium arsenide in Ga-AsCl₃-He₂ system experimental-statistical analysis 8-60580
- Neshpor, G.S.**, Miklyaev, P.G., Gretsii, S.V. Improved unit for automatic recording of crack length in sheet samples 8-60907
- Neshpor, V.S.** *see* Ereemeev, M.A. 8-68597
- Neshpor, V.S.** *see* Fridlender, B.A. 8-71892, 8-91491
- Neskakis, A.** *see* Lieder, R.M. 8-62476, 8-82283
- Neskakis, A.** *see* Muller-Veggian, M. 8-82309
- Neske, E.** *see* Sheikh, N.M. 8-57394
- Nesmelov, E.A.** *see* Markov, Yu.N. 8-83096
- Nesmelova, I.M.**, Kosheleva, V.I., Baryshev, N.S., Cherkasov, A.P. Temperature dependence of the gap width in solid solutions of mercury and cadmium tellurides 8-72521
- Nesmeyanov, A.A.** *see* Nesmeyanov, I.A. 8-85350
- Nesmeyanov, I.A.**, Nesmeyanov, N.A., Nesmeyanov, A.A., Balin, V.N. The BN-1 apparatus for sonic anesthesia during operations on the hard tissues of the tooth 8-85350
- Nesmeyanov, N.A.** *see* Nesmeyanov, I.A. 8-85350
- Nesor, H.** *see* Kaufman, L. 8-60647, 8-60648, 8-60660
- Ness, H.C.** *see* Van see Van Ness, H.C.
- Ness, N.F.** Mercury: magnetic field and interior 8-65524
- Ness, N.F.** *see* Lepping, R.P. 8-77459
- Nestell, J.E., Jr.**, Christy, R.W. Reflectance and structure of evaporated chromium and molybdenum films 8-72021
- Nesterenko, S.A.**, Zrazhevskii, V.A., Rozumnyuk, V.T. Diffusion processes in gold films on atomically clean (111) silicon surfaces 8-72037
- Nesterenko, N.M.** *see* Otko, A.I. 8-51674
- Nesterenko, V.B.** *see* Gol'tsev, V.P. 8-58356
- Nesterenko, V.B.** *see* Mikhalevich, A.A. 8-51258
- Nesterenko, V.O.** *see* Kyrchev, G. 8-86519
- Nesterenko, V.V.** *see* Barbashov, B.M. 8-62073
- Nesterenko, Yu.N.** *see* Zhuchkov, M.V. 8-74822
- Nesterikhin, Yu.E.**, Rautian, S.G., Smirnov, G.I. Laser detector of gravitational waves 8-77794
- Nesterikhin, Yu.E.** *see* Iskol'dskii, A.M. 8-83226, 8-83917
- Nesteroff, W.D.** *see* Ryan, W.B.F. 8-73356
- Nesterov, B.A.** *see* Gaponov, S.V. 8-67926
- Nesterov, G.V.** *see* Alexeev, B.V. 8-71600
- Nesterov, N.A.** Experimental investigation of the thermal conductivity of a binary Ar-Kr mixture at low temperatures 8-83514
- Nesterov, N.S.** *see* Domnin, S.L. 8-65506, 8-65507
- Nesterov, N.S.** *see* Efanov, V.A. 8-57666
- Nesterov, V.I.** *see* Delyagin, N.N. 8-80265, 8-82560, 8-92008
- Nesterovich, L.N.**, Kupchenko, G.V., Ivanov, N.P., Shpakovskaya, L.N. Investigation of the structure of monovariant directionally solidified eutectics of the system cobalt-aluminum-niobium 8-92254
- Nesteruk, I.N.** *see* Balashov, A.A. 8-70204
- Nesteruk, V.F.** *see* Batalov, Yu.V. 8-55312
- Nestler, D.E.** Current aerodynamic heating problems with first order shape change effects 8-94735
- Nestor, C.W., Jr.** *see* Krause, M.O. 8-50497
- Nestor, J.R.** Polarization properties of coherent anti-Stokes Raman spectra (CARS) in isotropic liquids 8-80334
- Nestor, J.R.** Stimulated Raman gain (SRG) spectroscopy using two pulsed dye lasers 8-93769
- Nestor, O.H.**, Swinehart, C.F., Rosette, K.H., Shrader, E.F., Williams, H.D., Bastien, G., Krus, D.J. Large diameter Polytan[®] NaCl windows for CO₂ lasers 8-59067
- Nestorov, G.T.** *see* Letfus, V. 8-65588
- Nethaway, D.R.** The $^{93}\text{Nb}(n,2n)^{92m}\text{Nb}$ cross section 8-93992
- Nethaway, D.R.**, Prindle, A.L., Van Konynenburg, R.A. Half-line of ^{92}Nb 8-70491
- Nethaway, D.R.** *see* Chapman, T.C. 8-66324
- Nethercot, A.H., Jr.** Close relationship between atomic and molecular photoemission energies 8-86832
- Neto, B.** *see* Barros *see* de Barros Neto, B.
- Neto, K.** *see* Skeff Neto, K.
- Netravali, A.N.** *see* Prasada, B. 8-55307
- Nettelhorst, H.** *see* von Nettelhorst, H.
- Netterfield, R.P.** Large-area uniform thickness evaporated thin films 8-76605
- Nettles, D.** *see* Robinson, J.W. 8-78835
- Nettleton, R.E.** Overdamped modes and transport in normal ^3He 8-56011
- Nettleton, R.E.** Diffusive heat flow and sum rules in the hydrodynamic limit of normal ^3He 8-56012
- Nettleton, R.E.** Estimation of Landau F_2 from velocity of zero sound 8-91500
- Netuka, I.** *see* Kral, J. 8-69966
- Netzer, F.P.**, Wille, R.A. Adsorption studies on a stepped Pt (111) surface: O₂, CO, C₂H₄, C₂N₂ 8-71992
- Netzer, H.**, Yabli, A., Yaniv, R. The Hubble diagram for QSOs 8-77616
- Neubauer, I.**, Romwalter, A. Polymorphic phase transformation up to 1200°C in technical grade zirconia containing CaO 8-64539
- Neubauer, M.** *see* Budin, J.-P. 8-87058
- Neubauer, R.** *see* Dohler, H. 8-88197
- Neubauer, W.G.** *see* Flax, L. 8-55582
- Neubecker, K.** *see* Auld, E.G. 8-90111
- Neuber, H.** The semielliptical notch with crack as an example for the correlation of micro- and macro-stress concentrations 8-83330
- Neuberger, W.** *see* Woloch, F. 8-78445
- Neubert, A.**, Guggi, D. Thermochemical study of lithium zirconates 8-61003

- Neubert, M.E., Laskos, S.J., Jr., Maurer, L.J., Carlino, L.T., Ferrato, J.P. Preparation of liquid crystal intermediates: 4-substituted alkoxybenzenes 8-51409
- Neubert, M.E., Maurer, L.J. Improvements in the method for preparing bis-(4'-n-alkoxybenzal)-2-chloro-1,4-phenylenediamines 8-75541
- Neubert, W. see Guratzsch, H. 8-54751
- Neudachin, V.G. see Smirnov, Yu.F. 8-50015
- Neudachin, V.G. see Kukulin, V.I. 8-86496
- Neuert, H. see Roeder, M. 8-92485
- Neufert, A. see Worn, E. 8-83671
- Neugart, R., Kaufman, S.L., Klempt, W., Moruzzi, G., Otten, E.-W., Schinzler, B. High-resolution spectroscopy in fast atomic beams 8-89557
- Neugebauer, G. Infrared observations of Seyfert galaxies and quasars 8-57645
- Neugebauer, G. Future prospects of infrared observations of active nuclei 8-57651
- Neugebauer, G. Variational principles in the thermodynamics of irreversible processes 8-81936
- Neugebauer, G. see Beckwith, S. 8-93230, 8-93351
- Neugebauer, G. see Nadeau, D. 8-93315
- Neugebauer, G. see Wynn-Williams, C.G. 8-54017
- Neugebauer, H.J., Braner, B. Crustal doming and the mechanism of rifting. II. Rift development of the Upper Rhinegraben 8-61387
- Neugebauer, M., Wu, C.S., Huba, J.D. Plasma fluctuations in the solar wind 8-57420
- Neugebauer, M. see Eviatar, A. 8-61787
- Neugebauer, M. see Greenstadt, E.W. 8-81506
- Neugebauer, T., Landwehr, G., Hess, K. Negative differential resistance in (100) n-channel silicon inversion layers 8-60225
- Neuhart, I.J. Exposure meters—time, cost and effort savers 8-58078
- Neuhaus, O.W. see Flory, W. 8-65098
- Neuhaus, O.W. see Kilberg, M.S. 8-65099
- Neuhaus, R. Experiences with a miniaturized, pressure-controlled servo, driving a blood pump 8-88762
- Neuhausen, R. see Gluckert, S. 8-58524
- Neuhaus, H. Rate of shear band formation in metallic glasses 8-68756
- Neuhaus, H., Flor, H. Variation of obstacle strength during stress relaxation of α -brass single crystals 8-68723
- Neuhaus, H.J., Pitsch, W., Raible, A., Sauthoff, G. Determining the microstructure of alloys by means of an external magnetic field 8-72785
- Neuhaus, W., Hohenstatt, M., Toschek, P., Dehmelt, H. Optical-sideband cooling of visible atom cloud confined in parabolic well 8-75407
- Neuhofer, G. see Fidecaro, G. 8-66157
- Neuimin, G.G. The 'Mikhail Lomonosov': 20 years at sea 8-69485
- Neuimin, G.G. see Agafonov, E.A. 8-77262
- Neuimin, H.G., Sorokina, N.A. Some results of underwater irradiance measurements in the Central Atlantic 8-77257
- Neukammer, J. see Gerhardt, H. 8-74602
- Neukum, G. Different ages of lunar light plains 8-81571
- Neuman, D., Ford, G.W., Rich, A., Sweetman, E. Precision experimental verification of special relativity 8-57777
- Neuman, S. see Reisfeld, R. 8-71213
- Neumann, A.W., Abdelmessih, A.H., Hameed, A. The role of contact angles and contact angle hysteresis in dropwise condensation heat transfer 8-71273
- Neumann, A.W. see Boruvka, L. 8-67890
- Neumann, B. see Berger, Ch. 8-62414, 8-89725
- Neumann, E.-G. Optical time domain reflectometer: comment 8-70177
- Neumann, G., Pfundstein, M., Reimers, P. Influence of limited solubility on impurity diffusion profiles 8-55989
- Neumann, G. see Vogt, H. 8-52520, 8-84591
- Neumann, H., Horig, W., Reccius, E., Moller, W., Kuhn, G. Temperature dependence of the fundamental absorption edge in CuGaSe_2 8-92090
- Neumann, H., Nguyen Van Nam. Electrical properties of p-type GaAs 8-68040
- Neumann, H. see Leonhardt, G. 8-52638
- Neumann, H. see Riede, V. 8-64360
- Neumann, H. see Schumann, B. 8-84104
- Neumann, H. see Sobotto, H. 8-52511
- Neumann, H. see Thielemann, W. 8-64379
- Neumann, H. see Van Zyl, B. 8-94313
- Neumann, J. Averaging for wind speed in a given direction in the concentration equation for pollutants 8-57307
- Neumann, J. On the rotation rate of the direct of sea and land breezes 8-69408
- Neumann, J. see Gabriel, K.R. 8-92926
- Neumann, J.P. see Mikula, A. 8-71870
- Neumann, L., Vojtech, O., Santarova, M., Stejskal, J., Hulinsky, V. Correlation between the composition, structure and properties of the solidification product 8-66353
- Neumann, M. A probabilistic analysis of the difficulties of unifying quantum mechanics with the theory of relativity 8-86176
- Neumann, M. see Braun, W. 8-87865
- Neumann, P. Hydraulic materials-testing system with 10-nm positional accuracy 8-85065
- Neumann, P., Vehoff, H., Fuhlrott, H. On the mechanisms of fatigue crack growth 8-64703
- Neumann, R. see Kowalski, J. 8-82706
- Neumann, W. Influence of thermal insulation of a tungsten hollow anode on the behaviour of the anode root in a nitrogen plasma jet device 8-71554
- Neumuller, H. see Ischenko, G. 8-52131
- Neunhofer, H., Tiffel, B., Guth, D. Microearthquakes in the region of the seismic stations at Collin and Moxa 8-57170
- Neurgaonkar, R.R., Lim, T.C., Staples, E.J. Structural and dielectric properties in the system $\text{LiTaO}_3\text{-CaZrO}_3$ 8-80298
- Neuringer, J.L. Analysis of the cathode fall in high-voltage low-current gas discharges 8-51375
- Neuroth, N. see Deutschbein, O. 8-79021
- Neusser, H.J. see Metz, F. 8-94298
- Neustruev, V.B. see Belov, A.V. 8-50936, 8-71226
- Neuzil, L., Mayrhofer, B. Influence of the grid on fluidized bed inhomogeneity. III. The inhomogeneity criterion as a measure of fluidized bed inhomogeneity 8-79367
- Nevald, R., Hansen, P.E. Low cost auxiliary system for broadband NMR on strongly magnetic systems 8-70172
- Nevald, R. see Hansen, P.E. 8-68393
- Nevald, R. see Touborg, P. 8-80127
- Nevdakh, V.V. see Leshenyuk, N.S. 8-82826
- Nevejans, D., Arijis, E., Ingels, J. CAMAC-controlled system for the measurement of ion mobilities 8-93661
- Nevejans, D. see Ingels, J. 8-77370
- Neven, L. see de Jager, C. 8-69793
- Nevesely, M. Radio frequency leakage in surface elastic wave devices 8-55522
- Neveskii, N.E. Two-level system in a sinusoidal electric field 8-58966
- Neveu, A. see Gervais, J.L. 8-70256
- Neveu, M. see Erriquez, O. 8-78170
- Nevidomskii, A.I. see Bublik, B.N. 8-55544
- Neviere, M. see Loewen, E.G. 8-55435, 8-66910
- Neviere, M. see Maystre, D. 8-94447
- Neviere, M. see Vincent, P. 8-63188
- Nevin, J.H., Helmig, M.T., Aguilar, S., Jr. Characterization of pyrolytic boron nitride as a diffusion source for silicon 8-91352
- Nevinnyi, A.V., Urupov, A.K. Velocity determination in formations with curved interfaces 8-53748
- Nevinnyi, Yu.A. see Bobykin, B.V. 8-72705
- Nevisi, A. see Kuroda, P.K. 8-85396
- Nevo, I. see Brosch, N. 8-93242
- Nevolin, V.G., Kirchanov, V.S. Effect of heating on parametric excitation of waves on the surface of a liquid 8-67209
- Nevolin, V.N. see Bykovskii, Yu.A. 8-59631, 8-61097
- Nevriva, M., Pollert, E. Phase diagram of the binary system $\text{PbO-Ga}_2\text{O}_3$ 8-80524
- Nevskii, L.B. Study of gas flows with shearing interferometers 8-55706
- Nevskiy, A.S. see Mel'man, M.M. 8-90674
- Neustrueva, E.I. see Alekseev, G.V. 8-94854
- Neustruyeva, Ye.L., Tyutyayev, V.V. Relation between thermal and flow characteristics in two-phase, non-equilibrium flow 8-55694
- Nevzorov, V.V. see Belyi, V.A. 8-56781
- New, G.H.C. Optimization of passively mode-locked giant pulse lasers 8-83006
- New, G.H.C., O'Hare, T.B. A simple criterion for passive Q-switching of lasers 8-94406
- New, G.H.C. see Elgin, J.N. 8-90453
- Newburg, E.P. Simple pitch-dependent algorithm for high-quality speech rate changing 8-53428
- Newburgh, R.G. Syntopic measurements: a new classification of spacetime measurement 8-73896
- Newbury, R.A. Prediction of magnetisation hysteresis loops for oriented silicon steel 8-64221
- Newbury, R.A. Prediction of loss in silicon steel from distorted waveforms 8-76273
- Newbury, R.S. see Behrens, J.W. 8-50217
- Newcomb, J. see Jamison, K.A. 8-94209
- Newcombe, G. see Chubb, J.P. 8-85033
- Newcombe, H.B. see Marko, A.M. 8-61222
- Newell, A.C. Nonlinear tunnelling 8-57811
- Newell, A.C. see Kaup, D.J. 8-49703, 8-73882, 8-77682
- Newell, B., O'Neil, E.J., Jr. The surface-brightness distribution of the globular cluster M15 8-85981
- Newell, B. see McClure, R.D. 8-57600
- Newell, D. see O'Neil, R.R. 8-89038
- Newell, D. see Roath, S. 8-53599
- Newell, D.E. see Genis, A. 8-57934
- Newell, J.J. Apparatus for low-temperature inert atmosphere chemical reactions 8-93695
- Newell, R.E., Navato, A.R., Hsiung, J. Long-term global sea surface temperature fluctuations and their possible influence on atmospheric CO_2 concentrations 8-73398
- Newesely, H., Andac, M. Primary minerals of marine uraniferous sediments 8-65257
- Newey, C.W.A. see Reid, C.N. 8-57720
- Newfield, S.E. Dielectric target fabrication for electron beam fusion 8-50302
- Newhall, H.F. Core-plus-branch plan for an introductory course 8-61950
- Newham, P. see Cameron, W. 8-54653
- Newitt, L.R. see Dawson, E. 8-65177, 8-92778
- Newkirk, G., Jr., Wentzel, D.G. Rigidity-independent propagation of cosmic rays in the solar corona 8-77443
- Newkirk, L.R. see Stewart, G.R. 8-72307
- Newlands, A.G., Halstead, W.D. The reaction between water droplets and molten sodium 8-71263
- Newman, B.A. see Frosini, V. 8-56686
- Newman, D.H. see Ritchie, S. 8-66825
- Newman, D.J. see Copland, G.M. 8-56111
- Newman, D.L. see Laogun, A.A. 8-69229
- Newman, D.M. see Carey, R. 8-76541
- Newman, E.T. see Hansen, R.O. 8-89376
- Newman, K.E. see Golner, G.R. 8-68252
- Newman, L. Techniques for determining the chemical composition of aerosol sulfur compounds 8-95976
- Newman, L.A. XeF^* and KrF^* waveguide lasers excited by a capacitively coupled discharge 8-94391
- Newman, O.M.G., Palmer, D.J. Collection of atomic mercury by electrostatic precipitators 8-95964
- Newman, R.C. see Brozel, M.R. 8-55922, 8-56104, 8-59832, 8-79605
- Newman, R.C. see Gledhill, G.A. 8-75776
- Newman, W.A. see Bailey, R.H. 8-69343
- Newman, W.G. see Lawson, J.Q. 8-70635
- Newmarch, J.D., Golding, R.M. Ladder operators for some spherically symmetric potentials in quantum mechanics. [Teaching] 8-62013
- Newman, B.E. see Kili, D.H. 8-59066
- Newnam, R.E., Skinner, D.P., Cross, L.E. Conductivity and piezoelectric-pyroelectric composites 8-80290
- Newnam, R.E. see Anderson, T.L. 8-59854
- Newnam, R.E. see Skinner, D.P. 8-80291
- Newns, D.M. see Lecante, J. 8-95328
- Newns, D.M. see Muscat, J.P. 8-72235
- Newns, G.R. see Dunn, A.G. 8-84616
- Newrock, R.S., Tausch, P.J. Potassium: Are the magnetoresistance anomalies due to inhomogeneities? 8-56130
- Newrock, R.S. see Esposito, F.P. 8-91658
- Newson, C.R. see Bonner, B.E. 8-62445
- Newson, C.R. see Glass, G. 8-62437
- Newson, C.R. see Riley, P.J. 8-70534
- Newson, C.R. see Hollas, C.L. 8-70384
- Newson, M.D. see Clarke, R.T. 8-88865
- Newton, D., Taylor, B.T. X-ray counting efficiencies for plutonium in lungs, derived from studies with inhaled palladium-103 8-85391
- Newton, D. see Brodbeck, T.J. 8-58261
- Newton, G.W.A. see Chandratillake, M.R. 8-95053
- Newton, J. see Cassidy, P. 8-71073
- Newton, J. see Reynolds, W.D. 8-53586
- Newton, J.F. see Center, R.E. 8-66631
- Newton, J.H., Person, W.B. Dipole moment derivatives and infrared intensities. V. Atomic polar tensors from CH_4 8-50592
- Newton, J.H., Person, W.B. Dipole moment derivatives and infrared intensities. IV. Prediction of absolute infrared intensities of the fundamental vibrations of CF_2 and CF_3 radicals 8-58743
- Newton, J.H., Person, W.B. Determination of the concentrations of CF_2 and CF_3 radicals in an argon matrix: an illustration using predicted infrared intensities 8-68941
- Newton, J.H. see Person, W.B. 8-62854
- Newton, J.O., Sie, S.H., Dracoulis, G.D., Leigh, J.R. Yrast cascades in $^{174,175}\text{W}$ and ^{161}Yb and a possible dipole component 8-54794
- Newton, K. see Reakes, M.L. 8-96539
- Newton, K.R., Bernstein, R.B. Cryosorption-pumped CW chemical laser 8-74894
- Newton, L.M. see Bucheri, R. 8-85966
- Newton, L.M. see McGee, R.X. 8-65695
- Newton, L.M. see Manchester, R.N. 8-77570
- Newton, M.D. see Basch, H. 8-66464, 8-82641
- Newton, M.G., Pantaleo, N.S., Galobardes, M., Pinnick, H.W. Crystal data for 2-nitroso-2-bromo-3,3-dimethylbutane 8-67703
- Newton, R.G. Three dimensional solitons 8-62053
- Newton, R.H.C. see Moshkun, I. 8-87136
- Neyhart, J.W. see Hillegas, W.J. 8-49918
- Neylon, S. see Murray, R.J. 8-87222
- Neyman, J. A statistician's view of weather modification technology (A review) 8-53706

- Neynaber, R.H.**, Magnuson, G.D., Tang, S.Y. Chemi-ionization in collisions of metastable helium with metastable helium 8-70911
- Nezbada, I.** Properties of a hard spherocylinder fluid from the blip function theory 8-91207
- Nezbada, I.**, Boublik, T. Monte Carlo study of hard spherocylinders. II 8-91046
- Nezel, M.** see Eisert, W.G. 8-92687
- Nezhevenko, E.S.** see Kotlyar, P.E. 8-90472
- Nezhikhovskii, R.A.**, Buzin, V.A. Condition of formation and forecasts of ice jams on rivers 8-92863
- Nezhmetdinov, T.K.** see Alekseev, V.V. 8-61587
- Nezrick, F.A.** see Bell, J. 8-54625, 8-93872, 8-93873
- Ng, A.**, Cervenán, M.R., Offenberger, A.A. A gas target for the study of laser-induced parametric instabilities in plasmas 8-51345
- Ng, A.K.H.**, John, P.K. Laser scattering measurement of nonthermal density fluctuations in a theta-pinch plasma 8-59679
- Ng, B.** Sung-Hong see Sung-Hong Ng, B.
- Ng, H.N.**, Idler, K.L., Calvo, C. Crystallographic studies on cation substitutions in the system (Na,K)(V,P)O₃ 8-79581
- Ng, H.S.** see Chan, P.W. 8-72942
- Ng, N.H.** see Teja, A.S. 8-79740
- Ng, S.F.** see Chan, M.Y.T. 8-51063
- Ng, W.** see Shellán, J.B. 8-74926
- Ng, W.R.** see Upatnieks, J. 8-78962
- Ng, W.W.L.** see Cheng, S.C. 8-89961
- Ng, Y.J.**, Tye, S.-H.H. Is the Y a bound state of exotic quarks? 8-70338
- Ng, Y.S.**, McLane, S.B., Tsong, T.T. TOF atom-probe investigation of metal oxides 8-64766
- Ng, Y.S.** see Tsong, T.T. 8-62263, 8-92584
- Ng Kin-Chue** see Kin-Chue Ng
- Ng Wai Man** see Wai Man Ng
- Ngai, K.L.**, Reinecke, T.L. Model of instabilities in PdH_x and PdD_x 8-75619
- Ngai, K.L.**, Reinecke, T.L. Lattice dynamical properties of disordered or unstable lattices 8-75790
- Ngai, K.L.**, Taylor, P.C. Abnormal bonding and electronic states in the gap of amorphous solids 8-51942
- Ngai, K.L.**, White, C.T. Critical comparisons between experiment and the predictions of the random pair attractive interaction model of carrier correlation in Si inversion layers 8-60212
- Ngai, K.L.**, White, C.T. Covalent-ionic trend at Schottky barrier interfaces in a pairing model 8-95367
- Ngai, K.L.** see Devreese, J.T. 8-72415
- Ngai, K.L.** see White, C.T. 8-60183, 8-91518, 8-91520
- Ngara, T.**, Asnani, G.C. Five-day oscillation in East African low-level jet 8-53705
- Ngee-Pong Chang**, Nelson, C.A. Yang's parity test for the new spin-0 mesons 8-66111
- Ngo, C.** see Berlinger, M. 8-70562
- Ngo Tich Phuoc** see Belouet, C. 8-64490
- Ngoc, T.C.** see Poppendieck, T.D. 8-71922
- Ngoc Pham Van** see Pham Van Ngoc
- Ngok Kuin Nguen** see Nguen Ngok Kuin
- Nguen Ngok Kuin** see Poirnoi, V.K. 8-60709
- Nguen Van D'ep** On a general theory of homogeneous mixtures 8-87326
- Nguyen, B.C.**, Bonsang, B. Transport of continental sulfur compounds over the Mediterranean 8-81390
- Nguyen, B.C.**, Gaudry, A., Bonsang, B., Lambert, G. Reevaluation of the role of dimethyl sulphide in the sulphur budget 8-96237
- Nguyen, B.C.** see Bonsang, B. 8-81340
- Nguyen, H.** Variational calculation applied to the determination of velocity profiles and temperature in laminar boundary layers of viscous fluids with variable thermal conductivity 8-55625
- Nguyen, H.K.** see Jaros, J.A. 8-50042
- Nguyen, H.K.** see Peruzzi, I. 8-74252
- Nguyen, H.K.** see Tanenbaum, W. 8-66113
- Nguyen, M.C.** see Truong, X.T. 8-77077
- Nguyen, N.** see Choisnet, J. 8-51519
- Nguyen, N.T.** see Uehla, I. 8-50076
- Nguyen, P.H.** see Hess, J.M. 8-52088
- Nguyen, P.X.**, Wrobel, S. Pyroelectric effect occurrence in the smectic C phase of 4,4'-di-n-heptyloxyazobenzene (HOAB) 8-79522
- Nguyen, T.Q.**, Walker, D.C., Gillis, H.A. Evolution of the spectrum of the solvated electron in BeF₃ aqueous glasses at 76K 8-88295
- Nguyen, V.T.** see Chang, T.Y. 8-63126
- Nguyen, V.T.** see Kang, M.H. 8-87094
- Nguyen, V.T.** see Spedding, P.L. 8-79360, 8-79361
- Nguyen, Y.V.**, Phillips, C.R. Photochemical reactivities of gaseous hydrocarbon mixtures 8-61533
- Nguyen Hoang Xuan** see Hoang Xuan Nguyen
- Nguyen Nhu Dat** see Vo Hong Anh 8-52023
- Nguyen Quang Sinh**, Kisynski, J., Mika, J. Symmetrized neutron transport equation and the fast Fourier transform method 8-78435
- Nguyen Quoc Son** On the use of energy criteria in rupture and in fatigue 8-90771
- Nguyen Quoc Tuan**, Gaumann, T. Radiolysis of hydrocarbons: dichloromethane in liquid hexane 8-80769
- Nguyen Trong Thinh**, Javet, P., Plattner, E. Heat transfer through and out of the diaphragm of an electrolytic cell working in non aqueous medium 8-73049
- Nguyen Tuong Viet** see Benard, J. 8-93761
- Nguyen Van Dong**, Tran Quoc Hai Electronic transport in doped a-Ge and a-Si prepared by DC cathodic sputtering 8-84330
- Nguyen Van Hieu** Isotropic and solitary-wave solutions of classical SO₄ and SL_{2,c} gauge field equations 8-93795
- Nguyen Van Hung** see Rennert, P. 8-60543
- Nguyen Van Mau, A.**, Bougnot, G., Muoy, H.Y., Moussalli, G.M. Preparation of Ga_{1-x}Al_xSb p-n homojunctions and study of the photovoltaic effect 8-64108
- Nguyen Van Nam** see Neumann, H. 8-68040
- Nguyen Van Nam** see Schumann, B. 8-84104
- Nguyen Van Sen**, Ratel, G., Darves-Blanc, R., Gondrand, J.C., Merchez, F. Coulomb-nuclear interference in the inelastic projectile excitation of ²⁰Ne by ⁴⁰Ca 8-50210
- Nguyen Van Tao** see Van Tao Nguyen
- Nguyen Van Tinh, N.** see Gignoux, D. 8-84427
- Nguyen Van Trong** Neutron scattering on anomalous fluctuations of phonons 8-75743
- Nguyen Van Trong**, Ha Vin Tan Electromagnetic fluctuations in quantum electron plasma in external radiation field 8-76013
- Nguyen Xuan, C.**, Di Stefano, G., Lenzi, M., Margani, A., Mele, A. Radiative lifetime and collisional relaxation of PH (b'²Σ⁺) 8-78750
- Nguyen-Dang, T.** Tung see Tung Nguyen-Dang, T.
- Nguyen-Khac, J.** see Alibrán, P. 8-50026
- Nguyen-Q-Rieu** see Guibert, J. 8-65669
- Nguyen-Trong, T.** see Cenalmor, V. 8-96402
- Nguyen-Van Chong** see Sitenko, A.G. 8-67350
- Nguyen-Van-Thanh**, Brodbeck, C., Rossi, I. Functions of rotational velocity correlation for symmetric top molecules in the gas phase by infrared spectroscopy 8-62778
- Nguyen-Van-Thanh** see Rossi, I. 8-64353
- Nhu Dat Nguyen** see Nguyen Nhu Dat
- Ni Chan Van** see Chan Van Ni
- Ni Guan-Jiong** see Dai Xian-Xi 8-78100
- Ni Wei-Tou** see Wei-Tou Ni
- Niay, P.**, Bernage, P., Coquant, C., Fayt, A. High-resolution measurements on the 1←0 infrared absorption band of hydrogen iodide 8-86863
- Niay, P.**, Bernage, P., Coquant, C., Houdart, R. Measurement of the line strengths for the 0→4 and 0→5 rovibrational absorption bands of gaseous HI 8-62847
- Nibbelink, M.** see Ryan, W.B.F. 8-73356
- Niburg, M.** see Alvarez, E. 8-78666
- Nichikawa, S.** see Kawamura, H. 8-76416
- Nichititu, F.**, Sapozhnikov, M.G. Determination of the π⁺He⁺H coupling constant 8-58307
- Nicholas, D.** An ultrasonic diffraction scanner for in vivo tissue characterisation 8-61226
- Nicholas, E.** see Douth, H.F. 8-96174
- Nicholas, M.** see Standing, R. 8-71904
- Nicholas, M.G.** see Hodkin, E.N. 8-71905
- Nicholas, R.J.**, Stradling, R.A. The analysis of thermal activation of two-dimensional Shubnikov-De Haas conductivity minima and maxima 8-60218
- Nicholas, R.J.**, Stradling, R.A. An observation of central cell structure in magneto-impurity resonances in n-type InP 8-95303
- Nicholas, R.J.** see Cooke, R.A. 8-56508
- Nicholas, W.** Channing see Channing Nicholas, W.
- Nicholl, A.J.** see Cousins, T. 8-55699
- Nicholls, J.E.**, Dunstan, D.J., Davies, J.J. The origin of some emission bands in ZnSe using optically detected magnetic resonance 8-80255
- Nicholls, J.E.** see Davies, J.J. 8-80254
- Nicholls, J.E.** see Morigaki, K. 8-84500
- Nicholls, J.R.**, Rawlings, R.D. Comments on Mossbauer studies of Ni₃Al 8-88240
- Nicholls, J.R.** see Johnson, J.B. 8-95844, 8-95845
- Nicholls, R.W.** see Danylewych, L.L. 8-85909
- Nicholls, R.W.** see Roney, P.L. 8-88910
- Nicholls, R.W.** see Shin, J.B. 8-50551
- Nichols, A.** see Zewail, A.H. 8-82054
- Nichols, A.L.** The UK chemical nuclear data committee files: A summary of the primary data available in ENDF/B format 8-82425
- Nichols, A.L.** Radioactive-nuclide decay data for reactor calculations: Activation products and related isotopes 8-82426
- Nichols, D.H.**, Wilson, S.R. High energy density, long life energy storage capacitor dielectric system 8-74486
- Nichols, F.A.** How does one predict and measure radiation damage 8-75693
- Nichols, F.A.** On the estimation of sink-absorption terms in reaction-rate-theory analysis of radiation damage 8-79633
- Nichols, H.**, Frech, R. Multiphonon transitions in microcrystalline reflectivity of sodium nitrate 8-72499
- Nichols, H.**, Kelly, P.M., Andrews, J.T. Holocene palaeo-wind evidence from palynology in Baffin Island 8-57262
- Nichols, H.** see Frech, R. 8-60440
- Nichols, K.H.** see Sun, M.J. 8-65965
- Nichols, R.J.**, Peterson, J.N. Microprocessors applied to solar data collection 8-69542
- Nichols, R.W.** Fracture problems in nuclear reactor technology 8-78472
- Nicholson, D.**, Petropoulos, J.H. Capillary models for porous media. VIII. A study of gaseous flow in the transition from the Knudsen to the Poiseuille flow regimes 8-55689
- Nicholson, D.R.**, Goldman, M.V., Hoyng, P., Weatherall, J.C. Nonlinear Langmuir waves during Type III solar radio bursts 8-93173
- Nicholson, D.R.** see Goldman, M.V. 8-79430
- Nicholson, H.** see Alston-Garnjost, M. 8-66152, 8-66153
- Nicholson, H.** see Alston-Garnjost, M. 8-82235
- Nicholson, P.S.** see Green, D.J. 8-72886
- Nicholson, P.S.** see Wai Yan Chan 8-84956
- Nicholson, R.J.K.**, Walls, J.M. FIM studies of the lattice damage in tungsten following low-energy helium ion bombardment 8-95090
- Nidia, A.** Practical low-loss lens connector for optical fibres 8-79107
- Nickel, B.G.** see Baker, G.A., Jr. 8-52294
- Nickel, B.G.** see Gray, C.G. 8-73797
- Nickel, H.**, Elschner, B., Fulde, P. Crystal field effects in superconducting tunneling 8-88085
- Nickel, H.** see Rodig, M. 8-84999
- Nickel, H.** see Vukanovic, D. 8-71599
- Nickel, W.** see Tarczy-Hornoch, Z. 8-93721
- Nickels, R.C., Jr.** see Ueng, C.E.S. 8-75091
- Nickels, R.J.**, Meyer, H.O. Design of a three-dimensional positron camera for nuclear medicine 8-73225
- Nickles, D.** see Andreev, N.E. 8-75342
- Nicklin, P.** Requirements of a modern cell culture laboratory 8-85457
- Nicklow, R.M.** see Boning, K. 8-75758
- Nicklow, R.M.** see Buhrer, W. 8-67786
- Nicklow, R.M.** see Wakabayashi, N. 8-68195
- Nickolaev, V.P.** see Yakubenko, V.G. 8-88839
- Nickolayev, V.P.**, Yakubenko, V.G. Experimental studies of spatial structure of underwater light-field fluctuations 8-53656
- Nickoloff, E.L.** see Qureshi, S. 8-65110
- Nickolov, J.S.** see Georgiev, G.M. 8-52512
- Nickovskikh, V.M.** see Denisov, Yu.V. 8-64650
- Nicol, A.A.**, Bryce, A., Ahmed, A.S.A. Condensation of a horizontally flowing vapour in a horizontal cylinder normal to the vapour stream 8-94550
- Nicol, D.A.C.** Bending and flexure of a reinforced tube 8-51076
- Nicol, S.K.** see Cooper, P.G. 8-63487
- Nicolai, M.** see Hasegan, D. 8-94167
- Nicolai, M.** A possible constructive approach to (super-φ)₄. I. Euclidean formulation of the model 8-93797
- Nicolaides, C.A.**, Beck, D.R. Comment on the lifetime of the Li 1s2p² ²P state: how probable is radiative autoionization? 8-78665
- Nicolaïda, A.** Scaling deviations in charged-current neutrino reactions 8-74246
- Nicolaïdis, A.** see Contogouris, A.P. 8-74292
- Nicolais, L.**, Drioli, E., Hopfenberg, H.B., Caricati, G. Diffusion-controlled penetration of polymethyl methacrylate sheets by monohydric normal alcohols 8-76918
- Nicolais, L.**, Mashelkar, R.A. Prediction of the slope discontinuity in stress-strain behaviour of polymeric composites with spherical inclusions 8-94596
- Nicolaisen, E.** see Ramskov, J.J. 8-90496
- Nicolaisen, F.M.**, Nielsen, O.J. Far infrared gas spectra of nitrosyl cyanide 8-82731
- Nicolas, A.** Stress estimates from structural studies in some mantle peridotites 8-69330
- Nicolas, A.** see Auzende, J.-M. 8-53632
- Nicolas, A.** see Coisy, P. 8-81120
- Nicolas, A.** see Peselnick, L. 8-53645
- Nicolay, K.** see Kaptein, R. 8-73138
- Nicole, D.A.** Transverse pure gauge fields and non-linear chiral solitons 8-78068
- Nicole, D.A.** Solitons with non-vanishing Hopf index 8-86410
- Nicolescu, B.** Evidence for baryonium exchange in medium and high energy scattering 8-50022
- Nicolet, B.** Catalogue of homogeneous data in the UVB photoelectric photometric system 8-96409
- Nicolet, J.B.**, Roulin, M., Regis, G. Experimental study of flow along a corrugated wall 8-90844
- Nicolet, M.-A.** see Finstad, T.G. 8-87830
- Nicolet, M.-A.** see Lau, S.S. 8-79899, 8-84079
- Nicolet, M.-A.** see Pretorius, R. 8-51851
- Nicoletti, G.** see Battistoni, G. 8-70691
- Nicoli, C.**, Meolans, J.-G. Vibrational relaxation in nozzle expansions; anharmonicity and potential angular dependence effects 8-62877

- Nicolich, R. *see* Morelli, C. 8-65209
- Nicolis, G. *see* Mou, C.Y. 8-54325
- Nicoll, J.F., Chang, T.S. Exact and approximate differential renormalization-group generators. II. The equation of state 8-77825
- Nicoll, J.F., Segal, I.E. Statistical scrutiny of the phenomenological redshift-distance square law 8-81683
- Nicoll, J.F., Segal, I.E. Observational validation of the chronometric cosmology: The redshift-magnitude relation for quasi-stellar objects 8-93455
- Nicoll, J.F. *see* Chang, T.S. 8-86413
- Nicoll, W.B. *see* Khater, H.A. 8-94811
- Nicollian, E.H., Schwartz, B., Koszi, L.A., Schumaker, N.E. MOS characterization of low leakage native oxides on AlGaAs 8-91795
- Nicollian, E.H. *see* Casey, H.C., Jr. 8-64115, 8-95371
- Nicollin, B. *see* Nordmeyer, H. 8-96252
- Nicollin, D. *see* De Siebenthal, J.M. 8-95512
- Nicolo, F. *see* Benfatto, G. 8-49952
- Nicoloso, N., Schmutzler, R.W., Hensel, F. The electrical properties of gold-based liquid alkali metal alloys 8-84187
- Nicula, H. *see* Radulescu, M. 8-84852
- Niculescu, V., Budnick, J.I. Evidence for the angular dependence of the hyperfine interactions in complex magnetic spin structures 8-76241
- Niculescu, V. *see* Budnick, J.I. 8-91669
- Niczyporuk, B. *see* Bienlein, J.K. 8-93894
- Nidaev, E.V. *see* Kachurin, G.A. 8-55885
- Nidecka, J. *see* Wardaszk, T. 8-74513
- Nie Jian-Jun *see* Shen Zhu-Tong 8-80484
- Nieber, J. *see* Brummer, O. 8-51392
- Nieble, C. *see* Atkinson, R.H. 8-96313
- Nieble, C. *see* Hallbauer, D.K. 8-81431
- Niederer, U. Schrodinger invariant generalized heat equations 8-62164
- Niederhoff, L., Veit, P., Stroppe, H. Electron microscope investigation of the deformation microstructure of ferritic steels 8-64589
- Niederle, J., Tolar, J. A new view on quantisation-quantisation as a deformation 8-86171
- Niedermeyer, E. *see* Engel, J., Jr. 8-69036
- Niedermeyer, H. *see* Broser, E. 8-50352
- Niedermeyer, R., Freeman, R. Carbon-carbon spin-spin coupling studied by two-dimensional Fourier transformation 8-90194
- Niedner, M.B., Jr., Brandt, J.C. Interplanetary gas. XXIII. Plasma tail disconnection events in comets: evidence for magnetic field line reconnection at interplanetary sector boundaries? 8-93155
- Niedrig, H. *see* Kreische, W. 8-78360
- Niedzielski, J. *see* Brown, S.M. 8-79166
- Niedzielski, R. *see* Troc, R. 8-84424
- Niegawa, A., Kiang, D. Charge transfer in multiparticle production processes and the quark cluster model 8-93858
- Niehaus, A. Post collision interactions in atomic excitation processes 8-58803
- Niehaus, A., Ruff, M.W. An experimental study of autoionisation processes in He^{2+} -Hg collisions. II. Electron and ion angular distributions formed at 5-20 eV collision energies 8-78795
- Niehus, H. *see* Prigge, S. 8-75940
- Niekerk, H.R. *see* van der Niekerk, H.R.
- Niekrawietz, R. A way towards standardisation in nuclear radiation measurement technology with the measuring system SINUPERM 8-50410
- Niel, M. *see* Dupont, A. 8-55092
- Nield, D.A. Comment on 'Thermal instability of a viscosity stratified fluid layer heated from below' 8-63476
- Nield, K. *see* Auer, I.P. 8-62433
- Nield, K. *see* Aver, I.P. 8-62432
- Nield, K. *see* Colton, E. 8-55074
- Niell, A.E. *see* Wittels, J.J. 8-69896
- Nielsen, C.J. *see* Powell, D.L. 8-78715
- Nielsen, D.W., Burnham, J., Talley, C. Squirrel monkey temporary threshold shift from 48-h exposures to low-frequency noise 8-88715
- Nielsen, E. *see* Cahill, L.J., Jr. 8-88971
- Nielsen, H. Discovery of rings of Uranus 8-69742
- Nielsen, J.M. *see* Brown, S.J., Jr. 8-59308
- Nielsen, K.A. Collection of inertialess particles on elliptical and irregular cylinders with electrical forces and gravitation 8-68924
- Nielsen, L.D. A simplified quantum mechanical model of diatomic molecules 8-86050
- Nielsen, L.E. *see* Steger, T.R. 8-80602
- Nielsen, M.P. *see* Braestrup, M.W. 8-83270
- Nielsen, N.K. Ghost counting in supergravity 8-93589
- Nielsen, N.K., Grisar, M.T., Romer, H., Van Nieuwenhuizen, P. Approaches to the gravitational spin- $\frac{3}{2}$ axial anomaly 8-93588
- Nielsen, N.K., Romer, H., Schroer, B. Anomalous currents in curved space 8-62336
- Nielsen, O.B. *see* Bondorf, J.P. 8-78406
- Nielsen, O.J. *see* Bak, B. 8-58671
- Nielsen, O.J. *see* Nicolaisen, F.M. 8-82731
- Nielsen, P. Substrate dependent ionization and polarization energies of molecules: dibenzotetrafulvalene 8-79886
- Nielsen, P., Ritsko, J.J. Reactive diffusion and electronic structure at the nickel/selenium interface 8-51748
- Nielsen, P.H. Calculation of synthetic reflection seismograms in the frequency domain 8-96152
- Nielsen, S.E., Andersen, N., Andersen, T., Olsen, J.O., Dahler, J.S. Direct excitation of Li I (nl) levels in keV Li-He collisions 8-90280
- Nielsen, S.O. *see* Albrow, M.G. 8-58214
- Nieman, G.C., Colson, S.D. Pressure effects on the two-photon spectrum of 'trans'-butadiene as detected by gas phase transient lensing spectroscopy 8-58756
- Nieman, G.C., Colson, S.D. A new electronic state of ammonia observed by multiphoton ionisation 8-74717
- Nieman, T.A. *see* Stieg, S. 8-73090
- Niemczyk, T. *see* Swearingen, P. 8-63110
- Niemczyk, T.M., Ettinger, D.G. A computer-controlled photon counting spectrometer for rapidly scanning low light level spectra 8-86338
- Niemczyk, T.M. *see* Mehs, D.M. 8-67445
- Niemczyk, T.M. *see* Swearingen, P.M. 8-53186
- Niemela, V.S. *see* Mendez, R.H. 8-81629
- Niemeyer, H. *see* Honsalek, U. 8-90337
- Niemeyer, L. Evaporation dominated high current arcs in narrow channels 8-55762
- Nieminen, R.M. Impurity resistance in magnetic metals 8-84205
- Nieminen, R.M. *see* Lantto, L.J. 8-54295
- Nienhuis, B., Sudbo, A.A.S., Hauge, E.H. Sublattice renormalization transformations for spin 1/2 models on a square lattice 8-65878
- Nienhuis, G. Effects of the radiator motion in the classical and quantum-mechanical theories of collisional spectral-line broadening 8-86822
- Nienhuis, G., Schuller, F. Two-photon absorption by atoms perturbed by collisions 8-55156
- Nienhuis, G. *see* Van Dijk, C.A. 8-74625
- Nienhuys, T.G.W., Clark, G.M. Frequency discrimination following the selective destruction of cochlear inner and outer hair cells 8-77067
- Nienow, A.W., Rowe, P.N., Cheung, L.Y.-L. A quantitative analysis of the mixing of two segregating powders of different density in a gas-fluidised bed 8-84733
- Niepece, J.-C., Watelle, G., Brett, N.H. Product crystallite size-reaction rate relationship in $\text{M}(\text{OH})_2$ -MO decomposition-structural transformation mechanism 8-85152
- Niepel, J. *see* Pringot, J. 8-92694
- Nier, A.O. *see* Meriwether, J.W., Jr. 8-88962
- Nierenberg, W.A. The Deep Sea Drilling Project after ten years 8-73518
- Nierlich, M., Cotton, J.P., Farnoux, B. Observation of the collapse of a polymer chain in poor solvent by small angle neutron scattering 8-91215
- Nierzewski, K.D., Todorov, T., Georgiev, M. Room temperature F-F' conversion in KCl crystals of various purity and method of coloration 8-51539
- Niesen, J.W. *see* Malk, E.G. 8-71084
- Niesen, L. *see* Devare, H.G. 8-52394
- Niesen, L. *see* Visser, D. 8-91964
- Niesen, L. *see* Wit, H.P. 8-68417
- Niesser, R. *see* Grass, F. 8-61129
- Niessen, W. *see* Cederbaum, L.S. 8-90234
- Niessen, W. *see* Koppel, H. 8-62948
- Niessen, W. *see* von Niessen, W.
- Niessen, W.G. *see* Koopman, D.K. 8-55751
- Niessen, W. *see* Von Niessen, W.
- Nieto, M.M. Exact wave-function normalization constants for the $B_0 \tan h z - U_0 \cos h^{-2} z$ and Poschl-Teller potentials 8-65818
- Nieto, M.M., Simmons, L.M., Jr. Coherent state for general potentials 8-73883
- Nietzel, Ch. *see* Brueker, H. 8-50038
- Nieuwenhuizen, J.C.A. *see* Kodde, L. 8-81038
- Nieuwenhuizen, P. *see* van Nieuwenhuizen, P.
- Nieuwenhuizen, P. *see* Van Nieuwenhuizen, P.
- Nieuwenhuys, B.E. Applications of thin films to adsorption and catalysis on metals and alloys 8-75943
- Nieuwenhuys, G.J. Magnetic phase diagram of very dilute Pb-based alloys 8-80144
- Nieuwenhuys, G.J., Mydosh, J.A., Wohlfarth, E.P. Itinerant versus localized magnetism in dilute Pd-based transition metal alloys 8-64188
- Nieuwenhuys, G.J., Stocker, H., Verbeek, B.H., Mydosh, J.A. Differential susceptibility of spin glass-ferromagnetic systems 8-81313
- Nieuwland, J.M. *see* van Nieuwland, J.M.
- Nieuwpoort, W.C. *see* Silver, D.M. 8-78605
- Nieuwpoort, W.C. *see* Smit, T.J.M. 8-95262
- Nieuwstadt, F. The computation of the friction velocity u^* and the temperature scale T^* from temperature and wind velocity profiles by least-square methods 8-81268
- Nieuwvelt, C. *see* Snijders, A.L. 8-94715
- Niez, J.J., Averbuch, P.G., Fanton, J.C., Lajzewicz, J. Magnetic excitations of a narrow Bloch wall. Effect of the pole field 8-91853
- Niezette, J., Linkens, A. Contribution to the ultrasonic degradation of polystyrene solutions 8-95989
- Nifenecker, H. *see* Guet, C. 8-74411
- Nifenecker, H. *see* Potou, J. 8-70721
- Nigam, A.N., Kumar, A., Srivastava, T.S., Agarwala, U.C. X-ray K absorption edges of some niobium complexes 8-74676
- Nigam, B.P. *see* Buchl, R.A. 8-89754
- Nigam, G.D. *see* Ray, B.K. 8-51637
- Nigam, H.L. *see* Krishna, V. 8-50556
- Nigam, S.D., Usha, R. Integral equation for Stokes flow (motion of a spherical drop) 8-71389
- Nigam, S.P., Grover, G.K., Lal, S. Sound radiation from a simply supported rectangular plate vibrating under complex modes 8-83163
- Nigam Amar Nath *see* Amar Nath Nigam
- Nigayekar, A.S. *see* Date, S.K. 8-92003
- Nigh, F.M., Brodwin, M.E. Minimum detectable pollutant concentrations with Stark modulated microwave spectroscopy 8-57337
- Nighan, W.L. Influence of molecular dissociation and degree of ionization on rare gas-halide laser properties 8-50756
- Nighan, W.L. *see* Brown, R.T. 8-63065
- Nightingale, J.D. Comment on 'Specific physical consequences of Mach's principle' 8-61998
- Nigmatulin, B.I., Milashenko, V.I., Alekseyev, V.I., Nikolayev, V.Ye., Ivandayev, S.I. The distribution of liquid and the rate of mass transfer between the core and the liquid film in disperse annular flow 8-75189
- Nigmatulin, B.I. *see* Subbotin, V.I. 8-94806
- Nigmatulin, R.I. *see* Doroshuk, V.E. 8-90984
- Nigmatullin, R.S. *see* Odeyokan, B.N. 8-86970
- Nigmatullin, R.Sh., Sultanov, E.I. Theory of concentration-type electrochemical converters for electrical signals. I. Diffusion theory of concentration networks 8-61026
- Nigro, A. *see* Esposito, B. 8-66132
- Nigro, M. *see* Esposito, B. 8-66132
- Nigro, S.L. *see* Lo Nigro, S.
- Nigul, U.K. Asymptotic analysis to establish the feasibility of using nonlinear effects for acoustic diagnosis of the properties of a 'layer on a half-space' object 8-63248
- Nihei, H. *see* Mori, M. 8-86680
- Nihei, M., Yohda, M., Sasaki, E. Fatigue properties for butt welded joint of SM50A high tensile strength steel plate 8-80649
- Nihei, T. *see* Iida, S. 8-78455
- Nihei, Y. *see* Kudo, M. 8-56558, 8-56559, 8-76969, 8-88672
- Nihoul, J. *see* Cornelis, J. 8-67784, 8-75621
- Nihoul, J.C.J. Three-dimensional modelling of marine circulation 8-77267
- Nihoul-Boutang, G. *see* Yangui, B. 8-63644
- Nii, K. *see* Yoshihara, K. 8-60014
- Niihara, K., Hirai, T. Hardness anisotropy of $\alpha\text{-Si}_3\text{N}_4$ single crystal 8-95804
- Niilisk, A., Laissaar, A., Tatarly, V., Vasilchenko, A. Effect of pressure on the vibronic spectra of O_2^- and NO_2^- ions in alkali halides 8-52532
- Niimi, H. *see* Sato, M. 8-53437
- Niimi, T. *see* Kodama, K. 8-52011
- Niimi, T. *see* Matsumoto, S. 8-95185
- Niimi, T. *see* Yoshimura, M. 8-84219
- Niimura, N., Bjerrum Moller, H., Riste, T. Quasielastic neutron scattering in normal and deuterated P-azoxyanisole 8-83719
- Niinikoski, T.O. *see* Borghini, M. 8-68439
- Niinisto, L. *see* Laitinen, R. 8-67813
- Niinomi, M., Akovali, G., Shen, M. Polyblends of poly(styrene-b-butadiene-b-styrene) and polystyrene. II. Electron microscopy 8-51442
- Niinomi, M. *see* Ueda, Y. 8-71858, 8-72926
- Niizuma, S., Kwan, L., Hirota, N. EPR and zero-field ODMR studies of the T_1 states halogen-containing benzonitriles, anisoles and anilines 8-58725
- Nijs, M.P.M. *see* den Nijs, M.P.M.
- Nijweide, P.J., Gaillard, P.J., Hekkelman, J.W., Herrmann-Erlee, M.P.M., Plas, A.V.D., Vegt, G.B., Mellink, J.H. The effects of γ irradiation on embryonic bone and cartilage in vitro 8-65089
- Nikandrov, A.I. *see* Murel, A.V. 8-64140
- Nikandrov, V.V. *see* Chan Van Ni 8-96025
- Nikanorov, S.P. *see* Burenkov, Yu.A. 8-59850
- Nikbin, K.M., Webster, G.A., Turner, C.E. A comparison of methods of correlating creep crack growth 8-60826
- Nikelly, J.G. *see* Ventura, D.A. 8-92540
- Nikerov, M.V. Electronic structure of carbyne 8-62708
- Nikhocheninova, V.I. *see* Kuznetsova, L.P. 8-92958

- Niki, H.**, Maker, P.D., Breitenbach, L.P., Savage, C.M. FTIR studies of the kinetics and mechanism for the reaction of Cl atom with formaldehyde 8-85136
- Niki, H.**, Maker, P.D., Savage, C.M., Breitenbach, L.P. FTIR spectroscopic observation of peroxyalkyl nitrates formed via $\text{ROO} + \text{NO}_2 \rightarrow \text{ROONO}_2$ 8-53194
- Niki, H.** see Mori, H. 8-73211
- Niki, K.** see Kono, M. 8-61284
- Nikiforov, S.M.** see Voronov, V.V. 8-49904
- Nikiforov, V.I.** see Gorbenko, V.G. 8-54637
- Nikiforov, V.I.** see Miroshnichenko, I.I. 8-86453
- Nikiforov, Z.S.** see Leonov, I.G. 8-73001
- Nikin, B.M.**, Marinkovic, M.M. Magnon-phonon interaction and kinematic spin-wave levels 8-76231
- Nikirska, D.D.** see Anatyshchuk, L.I. 8-70129
- Nikishov, A.I.** Energy spectrum of e^-e^- pair produced in muon collision with atom 8-55250
- Nikitenko, A.I.** see Ginodman, V.B. 8-86688
- Nikitenko, N.I.** A finite-difference method for solving inverse boundary-value problems of heat conduction 8-63263
- Nikitenko, N.I.**, Kulakovskii, A.M., Gorbuntsov, A.F. A network method of investigating heat exchange in oil-cooled transformers 8-83399
- Nikitenko, V.A.** see Pas'ko, P.G. 8-52649
- Nikitin, A.G.** see Fuschich, V.I. 8-49962
- Nikitin, A.G.** see Markov, Yu.N. 8-83096
- Nikitin, A.V.**, Pronkin, A.A. The nature of the conductivity in $\text{Na}_2\text{O}-\text{NaF}-\text{B}_2\text{O}_3$ glasses 8-63876
- Nikitin, A.V.** see Abdivaliev, A. 8-58290
- Nikitin, B.G.** see Pan, V.M. 8-87749
- Nikitin, E.E.**, Shushin, A.I. Mechanism of the excitation of alkali metal atoms in slow collisions 8-70918
- Nikitin, E.S.** see Lebed, I.V. 8-82825
- Nikitin, G.S.** see Shvartsbart, Ya.S. 8-80583
- Nikitin, L.V.**, Ryzhak, Ye.I. Regularities of rock fracture with internal friction and dilatancy 8-85537
- Nikitin, M.A.**, Kashchenko, N.M. Nonstationary ion formation in the lower ionosphere under the effect of gravity waves 8-73567
- Nikitin, M.M.** see Bugaev, S.P. 8-87513
- Nikitin, M.M.** see Moiseev, M.B. 8-50683, 8-62997
- Nikitin, S.A.**, Kataev, G.I., Posyado, V.P., Chuprikov, G.E. The use of a terbium single crystal for concentrating the magnetic flux in superconducting solenoids 8-49869
- Nikitin, S.A.**, Kataev, G.I., Posyado, V.P., Chuprikov, G.E. Use of a terbium single crystal to concentrate magnetic flux in superconducting solenoids 8-57991
- Nikitin, S.A.**, Slobodchikov, S.S. Longitudinal galvanomagnetic effect in single crystals of gadolinium-dysprosium alloys 8-56132
- Nikitin, S.A.** see Belov, K.P. 8-88199
- Nikitin, S.A.** see Kupriyanov, A.K. 8-68343
- Nikitin, S.I.**, Ostrovsky, V.N. The symmetry of the electron-electron interaction operator in the dipole approximation 8-58821
- Nikitin, S.Ya.** see Aleshin, Yu.D. 8-89732
- Nikitin, V.** see Gross, D. 8-70410
- Nikitin, V.M.** see Petrazhitsky, G.B. 8-94521
- Nikitin, V.P.**, Borisov, Yu.A., Bulat, S.I., Zaitsev, V.V. Fracture of ledeburite steel during hot plastic deformation 8-56755
- Nikitin, V.V.** see Bershtein, A. 8-51451
- Nikitin, V.V.** see Bordonskii, G.S. 8-69353
- Nikitin, V.V.** see Etkin, V.S. 8-61425
- Nikitin, V.V.** see Kalashnikov, S.P. 8-50738
- Nikitin, V.V.** see Rudovoi, T.V. 8-95353
- Nikitin, Yu.K.** see Saprykin, V.A. 8-69104
- Nikitin, Yu.P.** see Baranov, D.S. 8-62390
- Nikitin, Yu.P.** see Volkov, G.G. 8-54601
- Nikitina, I.P.** see Konorova, L.F. 8-56145
- Nikitina, N.V.** On the motion of a nonholonomic system 8-59292
- Nikitina, N.V.** see Zapevalov, V.A. 8-86561
- Nikitina, Z.V.** see Polukarova, Z.M. 8-56736
- Nikotine, S.**, Elkomoss, S.G., Schwab, C. Line width and exciton-impurity scattering in Cu_2O 8-64386
- Nikotine, S.**, Elkomoss, S.G., Schwab, C. Study of linewidth and exciton-impurity scattering in Cu_2O 8-64388
- Nikitinskaya, T.I.** see Ershov, N.N. 8-95609
- Nikitinskii, V.A.**, Starobin, B.Ya., Lozovoi, B.S., Gaponenko, A.T. Breakdown of a low-pressure gas-filled gap with a thermionic cathode 8-79405
- Nikitinskii, V.A.** see Zhuravlev, B.I. 8-86382
- Nikitov, V.A.** see Balkarei, Yu.I. 8-72211
- Nikitskii, V.P.** see Palatnik, L.S. 8-75950
- Nikityuk, N.M.**, Radzhabov, R.S., Shafranov, M.D. A new method of information registration from multiwire proportional chambers 8-94176
- Niki, I.** see Bojtor, I. 8-61257
- Niklas, J.R.**, Heder, G., Yuste, M., Spaeth, J.M. Identification of two types of F centres in BaClF by ENDOR 8-60355
- Niklas, J.R.** see Hoentzsch, C. 8-82014
- Niklasson, G.A.** see Granqvist, C.G. 8-71163
- Niknejad, J.**, Rose, J.W. Dropwise condensation of mercury—further heat-transfer measurements 8-94560
- Nikodemova, D.** see Galan, P. 8-57075
- Nikodemova, D.** see Prouza, Z. 8-62664
- Nikogosyan, A.G.** Problem of diffuse reflection with redistribution of radiation in frequency and direction 8-53819
- Nikolaenko, A.M.**, Makarenko, I.N., Stishov, S.M. Thermodynamics of melting of lithium, potassium and rubidium at high pressures 8-91426
- Nikolaenko, A.M.** see Makarenko, I.N. 8-71840
- Nikolaenko, L.M.** see Gal'perin, Yu.I. 8-69610
- Nikolaev, A.V.**, Borzhov, A.P. Experimental investigation into energy balance of anode in low-pressure heavy-current discharge with hollow cathode 8-51369
- Nikolaev, A.V.** see Rykalin, N.N. 8-67538, 8-94944
- Nikolaev, B.I.** see Borman, V.D. 8-64256, 8-83515
- Nikolaev, B.I.** see Khmelev, A.V. 8-61052
- Nikolaev, D.L.** see Kravtsov, A.V. 8-93902
- Nikolaev, G.I.**, Nemets, A.M. The present state and prospects for the development of optical spectral methods of investigation of evaporation of metals 8-75822
- Nikolaev, I.N.**, Pavlyukov, L.S., Marin, V.P. Pressure dependence of effective magnetic fields on ^{57}Fe nuclei in yttrium ferrite garnet and antiferromagnetic FeF_3 8-52383
- Nikolaev, I.N.**, Potapov, V.P., Bezotosnii, I.Yu., Mar'in, V.P. Hyperfine magnetic fields at the ^{57}Fe and ^{119}Sn nuclei in the $\text{Fe}_{48}\text{Rh}_{52}$ alloy under pressure 8-80266
- Nikolaev, I.N.**, Potapov, V.P., Delyagin, N.N. Pressure dependence of effective magnetic fields on ^{119}Sn impurity nuclei in iron and nickel 8-52382
- Nikolaev, I.N.** see Bezotosnyi, I.Yu. 8-68303
- Nikolaev, I.V.** see Kidyarov, B.I. 8-57943
- Nikolaev, K.M.** see Dubinin, M.M. 8-61114
- Nikolaev, M.I.** see Kosogov, O.V. 8-56225
- Nikolaev, M.V.**, Ol'khovskii, V.S. Analytic structure of the S matrix for some classes of potentials 8-70294
- Nikolaev, M.V.** see Gnatovskii, A.V. 8-50940
- Nikolaev, M.V.** see Gnatovskii, O.V. 8-90442
- Nikolaev, N.N.** see Davidenko, G.V. 8-54741
- Nikolaev, P.N.** State equations of a crystal with 3-particle interaction, taking collective oscillations into account 8-70086
- Nikolaev, P.N.** see Bazarov, I.P. 8-54289
- Nikolaev, S.I.** see Narbut, V.P. 8-89350
- Nikolaev, V.A.** see Kabanov, G.L. 8-87116
- Nikolaev, V.A.** see Morozov, A.M. 8-52986
- Nikolaev, V.N.** see Milovanov, A.K. 8-61732
- Nikolaev, V.P.** see Yakubenko, V.G. 8-65409
- Nikolaev, V.V.** see Dichenko, A.B. 8-68214
- Nikolaev, V.V.** see Mirsaev, I.F. 8-56362
- Nikolaeva, L.A.**, Yabonik, L.M. Limit of detection as an interchangeability criterion for non-destructive test methods 8-60957
- Nikolaeva, L.P.** see Bagaev, S.A. 8-70942
- Nikolaevskii, L.S.** see Vorypaeva, N.S. 8-83597
- Nikolaevskii, V.N.**, Somov, B.E. Heterogeneous flows of multi-component mixtures in porous media—review 8-59471
- Nikolaichik, A.V.** see Belov, A.V. 8-50936
- Nikolaichuk, L.I.** see Grogor'ev, A.N. 8-80659
- Nikolayev, B.I.** see Borman, V.D. 8-75246
- Nikolayev, P.V.**, Sabinin, Yu.A., Tyukin, V.N. A discrete photoelectric system of variable precision 8-57458
- Nikolayev, V.B.** see Antipenko, B.M. 8-90116
- Nikolayev, V.E.** see Subbotin, V.I. 8-94806
- Nikolayev, V.Ye.** see Nigmatulin, B.I. 8-75189
- Nikolic, K.** see Draskovic, B. 8-92106
- Nikolic, K.** see Lignou, F. 8-60506
- Nikolic, M.** see Gaillard, M.K. (editor) 8-78160
- Nikolic, P.M.** Some modern semiconducting materials 8-60131
- Nikolic, P.M.** see Popovic, Z.V. 8-95585
- Nikolin, B.I.** Possibilities for identification of multilayer close-packed structures 8-94951
- Nikolin, B.I.** see Makogon, Yu.N. 8-95743
- Nikolopoulos, P.** see Hunger, W. 8-62596
- Nikolov, N.S.**, Dermendzhiev, V.N. A statistical study of visual meteor shower radiants 8-96442
- Nikolova, A.B.** see Sarov, G.A. 8-60572
- Nikolova, B.T.** see Minchev, P.M. 8-94840
- Nikolova, L.**, Todorov, T. Photoinduced reorientation of F_2 centres in $\text{KCl}:\text{Na}$ near room temperature 8-64344
- Nikolova, M.** Structure of gold deposits and gold electrodeposition processes from cyanide free solutions. I. Preferred orientation and morphology. Influence of arsenic on the cathodic polarisation and brightness of deposits 8-79862
- Nikolova, M.** Structure of gold deposits and gold electrodeposition processes from cyanide free solutions. II. Influence of the substrate on the texture and development of the texture during electrolysis 8-79863
- Nikol'skaya, T.I.** see Fredlander, I.N. 8-80674
- Nikolskii, B.A.** see Ivanter, I.G. 8-88245
- Nikononkov, N.V.**, Lebedev, V.B. Generator producing evaporating pulses for an atomic probe 8-78041
- Nikonorov, Yu.I.** see Mazalov, L.N. 8-86884
- Nikonov, A.A.** Vertical movements of the shores of the polar seas 8-92838
- Nikonyuk, E.S.** see Ivanchuk, Yu.I. 8-56289
- Nikraves, P.** see Lin, H.S. 8-69125
- Nikulin, A.N.** see Voronkin, V.G. 8-75162
- Nikulin, M.G.** see Balkarei, Yu.I. 8-77034
- Nikulin, N.M.** see Ershov, N.N. 8-95609
- Nikulin, V.B.**, Avdoshin, E.S. Instrument for contactless measurement of surface temperatures 8-57946
- Nikulin, V.I.** see Avakyants, L.P. 8-88267
- Nikulin, V.Ya.** see Veretennikov, V.A. 8-74527
- Nikushkin, Ye.V.**, Klebanov, G.I., Vladimirov, Yu.A. Study of the phasic transitions of model and biological membranes. I. Use of hydrophobic fluorescent probes for studying the phasic transitions in liposomes 8-96021
- Nill, K.W.** see Eng, R.S. 8-70825
- Nill, K.W.** see Mantz, A.W. 8-61133
- Nilsen, A.**, Gjevik, .. Inversion of reflection data 8-96307
- Nilsen, J.**, Marling, J. Oscillator strengths of the first forbidden lines of rubidium 8-86824
- Nilsen, T.H.** Lower Tertiary laterite on the Iceland-Faeroe Ridge and the Thulean land bridge 8-85514
- Nilson, J.A.** see James, D.J. 8-50805
- Nilsson, A.** see Pavlopoulos, P. 8-62443
- Nilsson, A.** see Poth, H. 8-70979
- Nilsson, B.** see Hagard, A. 8-57318
- Nilsson, B.S.** see Dhar, A.K. 8-74398
- Nilsson, F.** J_{10} -testing of A-533 B—statistical evaluation of some different testing techniques 8-56828
- Nilsson, G.** see Samskog, P.-O. 8-70854
- Nilsson, G.G.**, Karlsson, U., Raunio, G. Experimental phonon frequencies of RbBr at 80, 290, and 370 K 8-51631
- Nilsson, H.G.** A comparison of models for sharpening of the frequency selectivity in the cochlea 8-53418
- Nilsson, H.T.G.** see Nath, P. 8-84095
- Nilsson, J.O.**, Dunlop, G.L., Howell, P.R. Grain boundary migration during high temperature creep of an austenitic steel 8-88509
- Nilsson, J.O.** see Howell, P.R. 8-84912
- Nilsson, L.**, Rydberg, S. Fine structure investigation for the lower states of the rubidium D series 8-50656
- Nilsson, L.** see Joly, S. 8-74530
- Nilsson, L.** see Lika, A. 8-54758
- Nilsson, P.O.** see Kanski, J. 8-71983
- Nilsson, R.** see Nyholm, R. 8-53301
- Nilsson, S.** see Stenbacka, R. 8-54645
- Nilsson, S.G.** see Ploszajczak, M. 8-70426
- Nilsson, S.G.** see Ragnarsson, I. 8-86493
- Nilsson, S.O.** see Fredriksson, H. 8-52793
- Nimis, M.** see Bosli, L. 8-92115
- Nimtz, G.** see Dornhaus, R. 8-91728
- Nimura, H.** see Nakau, T. 8-87651
- Nimura, T.** see Ebata, M. 8-85324
- Ning, T.H.** Electron trapping in SiO_2 due to electron-beam deposition of aluminum 8-80060
- Ning Hu** see Hu Ning
- Ning Yang** Chen see Chen Ning Yang
- Ning-Chih Wong**, Knobler, C.M. Light scattering studies of phase separation in isobutyric acid+water mixtures 8-84592
- Ninham, B.W.** see Chan, D.Y.C. 8-71973, 8-75513, 8-83704
- Ninham, B.W.** see Mitchell, D.J. 8-83708, 8-83709
- Ninian Chung, Y.-S.** A brilliant display of parhelia (Sun dogs) 8-85694
- Ninomiya, H.** see Suzuki, Y. 8-50366
- Ninomiya, T.** Dislocation model of melting 8-83923
- Ninoyan, Zh.O.** see Movsesyan, M.E. 8-82705
- Nion sock** Chang see Yamada, S. 8-88107
- Nioradze, M.S.** see Abdivaliev, A. 8-58290
- Nip, D.**, Gershon, S., Mann, A. Systematic features in equilibrium negative-charge states fractions 8-90288
- Nippus, M.**, Claus, R. The influence of photorefractive index change on Raman scattering intensities in LiNbO_3 8-84590
- Nir, D.**, Rosner, B., Mann, A., Kantor, J. Charge-state distribution of products from dissociative collisions of 400-800-keV H_3^+ ions: experiment and semiempirical model 8-82838
- Nir, S.**, Bentz, J. On the forces between phospholipid bilayers 8-77006
- Nir, S.** see Rein, R. 8-88693
- Nirmal Singh** see Verma, H.R. 8-82307
- Niroomand-Rad, A.**, Mill Yung Chan, Parker, P.M. Planarity relations for the sextic centrifugal distortion constants of triangular triatomic molecules 8-58649
- Nirwal, V.V.S.** see Singh, R.K. 8-83770

- Nisancioglu, K., Holtan, H. Correlation of the protection potential and the ohmic potential drop 8-72900
- Nisbet, E.G., Fowler, C.M.R. The Mid-Atlantic Ridge at 37 and 45°N: some geophysical and petrological constraints 8-85508
- Nisbet, J.S., Miller, M.J., Carpenter, L.A. Currents and electric fields in the ionosphere due to field-aligned auroral currents 8-96339
- Nisbet, R.M. *see* Eason, G. 8-77099
- Nisenoff, M. Liters, kilograms, watts and seconds: design goals for a refrigerator for use with superconductive systems 8-93711
- Nisenoff, M. *see* Wolf, S.A. 8-72311
- Nisenso, P., Stachnik, R.V. Measurements of atmospheric isoplanatism using speckle interferometry 8-65385
- Nisenso, P. *see* Sprague, R.A. 8-79123
- Nishanov, V.N. *see* Lozovik, Yu.E. 8-76003
- Nishchenko, M.M. *see* Pan, V.M. 8-87749
- Nishi, A. *see* Kamei, Y. 8-87800
- Nishi, H., Inada, T., Sakurai, T., Kaneda, T., Hisatsugu, T., Furuya, T. Uniform doping of channelled-ion implantation 8-51569
- Nishi, H., Kuwahara, H., Hanamitsu, K., Takusagawa, M., Kudo, T. A semiconductor laser with flat frequency response up to 2 GHz 8-66829
- Nishi, H., Sakurai, T., Furuya, T. Electrical activation of implanted arsenic in silicon during low temperature anneal 8-51571
- Nishi, H. *see* Furuya, T. 8-75682
- Nishi, I., Tomizawa, G., Tatsuta, L. Microcomputer scanning system for respiratory mass spectrometer 8-88756
- Nishi, K. *see* Sumiyama, K. 8-64197
- Nishi, M. *see* Masuoka, T. 8-66731
- Nishi, M. *see* Shizuma, K. 8-55131
- Nishi, M. *see* Ueda, Y. 8-76309
- Nishi, N., Schmidt, J., Hoff, A.J., Van Der Waals, J.H. Fluorescence detection of electron spin echoes in the triplet state of nonphosphorescent molecules and a photosynthetic bacterium 8-70856
- Nishi, N. *see* Yagi, M. 8-62839
- Nishi, N.N., Hoff, A.J., Schmidt, J., Van Der Waals, J.H. Electron spin echo studies of complex biological systems. An application to 'signal II' of plant photosynthesis 8-96118
- Nishi, S., Ikeda, T. A study on Al-Mn alloys solidified by rapid cooling 8-88459
- Nishi, S. *see* Kawamura, H. 8-76416
- Nishi, Y. *see* Onga, S. 8-88039
- Nishi-kawa, K., Hatori, T., Terashima, Y. Numerical analysis of nonlinear collisional drift instability 8-91091
- Nishi-Kawa, K.I., Hatori, T., Terashima, Y. Nonlinear heat and particle transport due to collisional drift waves 8-71444
- Nishi-Kawa, K.I., Hatori, T., Terashima, Y. Numerical analysis of nonlinear collisional drift instability 8-71479
- Nishibori, M., Kinoshita, K. Ultra-microhardness of vacuum-deposited films. I. Ultra-microhardness tester 8-53161
- Nishibori, M. *see* Tazaki, M. 8-79910
- Nishida, A. Geomagnetic diagnosis of the magnetosphere. (Physics and chemistry in space. Volume 9) 8-89015
- Nishida, A., Russell, C.T. On the expected signatures of reconnection in the magnetotail 8-96361
- Nishida, A. *see* Machida, S. 8-93148
- Nishida, I., Sakata, T. Semiconducting properties of pure and Mn-doped chromium disilicides 8-79992
- Nishida, I. *see* Matsuo, S. 8-52314
- Nishida, K. *see* Furuse, T. 8-87049
- Nishida, M. Cluster model approach for electronic structure of Si and Ge(111) and GaAs(110) surfaces 8-56205
- Nishida, M. Application of molecular orbital method to crystalline solids: Calculation of the electronic energy bands of diamond-type crystals 8-87907
- Nishida, M. *see* Ueda, I. 8-95555
- Nishida, N., Nagamine, K., Hayano, R.S., Yamazaki, T., Fleming, D.G., Brewer, J.H. Temperature dependence of the μ^+ hyperfine field and relaxation in Fe 8-95538
- Nishida, N. *see* Hayano, R.S. 8-80268
- Nishida, N. *see* Obara, M. 8-79013
- Nishida, N. *see* Yasuoka, H. 8-80270
- Nishida, O. *see* Fujisawa, A. 8-61273
- Nishida, O. *see* Ishikawa, Y. 8-76752
- Nishida, S. *see* Miyagi, M. 8-63205
- Nishida, S. *see* Nagano, K. 8-74971
- Nishida, T. Fluid dynamical limit of the nonlinear Boltzmann equation to the level of the compressible Euler equation 8-79336
- Nishida, T., Kikuchi, T., Sato, T., Ichiyama, T. Magnetic properties of atomized iron powder compacts for magnetic cores 8-72751
- Nishida, T., Yamamiya, M., Nakamura, Y., Mizoguchi, S., Hashizume, T. Heat treatments of atomized iron powders in use for magnetic cores 8-72752
- Nishida, T. *see* Doyama, M. 8-55792
- Nishida, Y. *see* Gentle, K.W. 8-59659
- Nishigaki, K. Ultrasonic study of critical mixing of n-heptane and nitrobenzene 8-75732
- Nishigori, T. Excitation and damping of zero sound in classical liquids: a new memory function approach 8-67771
- Nishihara, H., Handa, Y., Suhara, T., Koyama, J. Direct writing of optical gratings using a scanning electron microscope 8-83121
- Nishihara, H., Konishi, H. A new correlation method for transit-time estimation 8-94067
- Nishihara, H. *see* Fukao, M. 8-87504
- Nishihara, H. *see* Suhara, T. 8-66958
- Nishihara, K. Study on the formation of seismic sensors 8-85722
- Nishihara, Y., Katayama, T., Yamaguchi, Y., Ogawa, S., Tsushima, T. Anisotropic distribution of atomic pairs induced by the preferential sputtering effect in amorphous Gd-Fe and Gd-Co films 8-63950
- Nishihara, Y., Ogawa, S., Waki, S. Mossbauer study of ^{57}Fe doped in $\text{NiS}_{2-x}\text{Se}_x$ -magnetic structure of $\text{NiS}_{2-x}\text{Se}_x$ 8-56409
- Nishijima, K., Okawa, M. The Becchi-Rouet-Stora transformation for the gravitational field 8-93590
- Nishijima, K., Sato, H. Higgs-Kibble mechanism and the electron-muon mass ratio 8-66065
- Nishijima, K. *see* Kataoka, T. 8-87319
- Nishijima, M. *see* Akimoto, K. 8-72652
- Nishijima, M. *see* Ugai, S. 8-53680
- Nishijima, S., Masuda, C., Shimodaira, M. Microfractographic fracture analysis of some aircraft parts 8-52950
- Nishijima, S., Okada, T. Low temperature irradiation effects on mechanical properties of epoxy used in superconducting magnets 8-60737
- Nishijima, S. *see* Masuda, C. 8-52959, 8-92335
- Nishijima, Y. *see* Yamamoto, M. 8-70862
- Nishikawa, H., Ebisu, H., Yokoyama, M., Mikuriya, N. Dislocation etch pits on the (001) surface of zinc single crystals 8-59811
- Nishikawa, K. *see* Anderson, D. 8-83591
- Nishikawa, K. *see* Hirata, M. 8-79314
- Nishikawa, K. *see* Inoue, S. 8-94898, 8-94901
- Nishikawa, K. *see* Irie, H. 8-94900
- Nishikawa, K. *see* Ito, T. 8-90873
- Nishikawa, K. *see* Sekiya, H. 8-74626
- Nishikawa, K. *see* Sekoguchi, K. 8-67249
- Nishikawa, K. *see* Shige, M. 8-94902
- Nishikawa, K. *see* Tange, T. 8-94899
- Nishikawa, K. *see* Watanabe, T. 8-51282
- Nishikawa, O., Walko, R.J., Saadat, A.R. Field-ion microscopic study of surface damage of contacts caused by closing voltages 8-64098
- Nishikawa, S. *see* Kawano, K. 8-76678
- Nishikawa, S. *see* Kusunoki, K. 8-91488
- Nishikawa, T. *see* Hayashi, K. 8-95193
- Nishikawa, Y. *see* Kokame, H. 8-58370
- Nishikawa, Y. *see* Katsuzawa, R. 8-52962
- Nishimatsu, Y. *see* Matsuki, K. 8-56749
- Nishimoto, A. *see* Kakui, Y. 8-92994
- Nishimoto, A. *see* Yamanaoka, T. 8-92629
- Nishimoto, K. Thermocad II: economical temperature measurements achieved 8-65930
- Nishimoto, K. *see* Ikawa, H. 8-68701, 8-72784
- Nishimoto, K. *see* Kitaara, K. 8-58584
- Nishimoto, K. *see* Yamabe, S. 8-58588
- Nishimura, A. *see* Yamamoto, H. 8-89675
- Nishimura, A.M. *see* Latas, K.J. 8-70858
- Nishimura, H. *see* Fujita, H. 8-66846
- Nishimura, H. *see* Nakai, S. 8-59603
- Nishimura, J., Fujii, M., Tawara, Y., Miyamoto, S., Oda, M., Yamagami, T., Kajiwaru, M., Murakami, H., Yoshimori, M., Nakagawa, M., Sakurai, T. Observation of a gamma-ray burst at altitude 8-61933
- Nishimura, J., Hirose, H., Okabe, Y. Balloon ascentmeter 8-61567
- Nishimura, J. *see* Yamagami, T. 8-61644
- Nishimura, K. *see* Tokunaga, O. 8-80765, 8-80766
- Nishimura, M., Psaltis, D., Caimi, F., Casasent, D. Implementation of the inverse radon transform by optical convolution 8-66777
- Nishimura, M., Yamaguchi, K., Hirabayashi, M., Hirabayashi, Y., Sugiyama, S. Evaporation of organic solvents under infrared irradiation (effect of internal heating on evaporation) 8-87237
- Nishimura, M. *see* Morita, M. 8-54723
- Nishimura, S. *see* Yamashita, Y. 8-73711
- Nishimura, T., Kodama, S., Kawada, Y. On axially symmetrical residual stresses in bars with longitudinally nonuniform stress distribution 8-51070
- Nishimura, Y. *see* Fukutome, H. 8-50622
- Nishina, K. *see* Shinkawa, M. 8-58331
- Nishina, Y. *see* Goto, T. 8-84579
- Nishina, Y. *see* Iwasaki, T. 8-76001
- Nishinaga, T. *see* Ohsawa, J. 8-63865, 8-87886
- Nishinari, K., Koide, S. On the difference between dielectric and piezoelectric relaxation 8-72458
- Nishino, M., Arakawa, M. Particle size measurement by monodisperse film method 8-95874
- Nishio, S., Hirata, M. Direct contact phenomenon between a liquid droplet and high temperature solid surface 8-90666
- Nishio, Y. *see* Sawa, G. 8-88249
- Nishioka, H., Saito, S., Yasuno, M. Study of $2\alpha+t$ system by orthogonality condition model 8-50110
- Nishioka, K., Ohsaka, K. Irreversible thermodynamic description of steady-state plastic deformation 8-72831
- Nishioka, N.S., Richardo, P.L., Woody, D.P. Composite bolometers for submillimeter wavelengths 8-65964
- Nishioka, T. *see* Yagawa, G. 8-83332
- Nishitani, R. *see* Iwasaki, H. 8-88404
- Nishitani, R. *see* Mizokawa, Y. 8-84086, 8-92171
- Nishitani, T. Mechanical birefringence of nonlinear visco-elastoplastic medium in loading and unloading processes 8-59314
- Nishitani, T. Birefringence of viscoelastic dielectrics under combined stresses 8-68470
- Nishitani, T. Constitutive equations of nonlinear viscoelastic media 8-81839
- Nishiura, Y. Bifurcation of stable stationary solutions from symmetric modes 8-57752
- Nishiwakki, A. A light modulator with interdigital electrodes requiring no bias voltage 8-90511
- Nishiyama, A. *see* Kitagawa, H. 8-76726
- Nishiyama, G. *see* Sekiya, T. 8-64450
- Nishiyama, I. *see* Suzuki, K. 8-90115
- Nishiyama, K., Riegel, D. Recent developments in the analysis of electric field gradients in metals 8-51950
- Nishiyama, K. *see* Hine, F. 8-72928, 8-85042
- Nishiyama, S. Digital thermometers: taking over analog thermometer applications 8-49833
- Nishiyama, S. *see* Mizobuchi, Y. 8-74316, 8-89807
- Nishiyama, S. *see* Otomo, J. 8-59252
- Nishiyama, S. *see* Yamamura, M. 8-54673
- Nishiyama, T., Murata, M. A new approach to unsteady aerofoil theory for oscillating cascade of large deflection 8-67211
- Nishiyama, Y. Output power dependence of mode locking phenomena in a He-Ne laser in an axial magnetic field 8-71129
- Nishiyama, Y. Contribution to the classical theory of transition radiation 8-82896
- Nishiyama, Y., Uemura, T., Nagai, S. Relations between weld heat-affected zone cracking and microstructure in nickel-base superalloys 8-52858
- Nishiyama, Y. *see* Okuda, T. 8-72433
- Nishizawa, A. *see* Watari, T. 8-83604
- Nishizawa, K., Endo, Y., Shinagawa, M. Application of NaI(Tl) scintillation detector to measurement of tritium concentration 8-55042
- Nishizawa, O. *see* Sumino, Y. 8-92818
- Nishizawa, S. *see* Narahara, Y. 8-79849
- Nishizawa, T. *see* Aoki, R. 8-87378
- Nishimura, K. *see* Tamura, N. 8-54641
- Nisitani, H. Solutions of notch problems by body force method 8-94619
- Nisitani, H., Kage, M. Observation of crack closure phenomena at the tip of a fatigue crack by electron microscopy 8-68794
- Nisitani, H. *see* Kage, M. 8-92314
- Niskanen, J.A. The differential cross section and polarization in $p+p \rightarrow d+\pi^+$ 8-54648
- Niskanen, J.A. *see* Green, A.M. 8-70398
- Niske, W., Rother, W., Ruppe, R. Some remarks about about the energy balance equation on an AC-arc 8-87523
- Nisley, R. *see* Preston, J. 8-83161
- Nisnevich, M.M. *see* Kanevskii, I.N. 8-53112, 8-53113, 8-94499
- Niss, B., Jorgensen, H.E., Laustsen, S. A search for new variables in the globular cluster omega Centauri 8-61895
- Nissen, D.A. Regular solution theory and the surface tensions of molten salt mixtures. II. Thallium nitrate-lithium nitrate and thallium nitrate-potassium nitrate 8-71903
- Nissen, J.A. *see* Rimer, A.E. 8-88852
- Nissen, K.W. *see* Fischer, P. 8-92023
- Nissen-Meyer, S.A. A new approximation for Glauber theory on stripping of relativistic deuterons 8-94014
- Nisterenko, G.V. *see* deV. Klein, G. 8-65256
- Nitenberg, A. *see* Besse, P. 8-81030
- Nito, T. *see* Nakamura, T. 8-50726
- Nitoh, O. *see* Yanokura, M. 8-58253
- Nitou, T. Interlaboratory comparison of MTF measurements in Japan 8-50720
- Nitsch, J. The lack of $O(A^{-1})$ -contributions in the Iwamoto-Yamada-expansion of the energy expectation value per particle for extended Fermi systems 8-60081
- Nitsch, J. *see* Hehl, F.W. 8-89388
- Nitsch, W., Kiefer, W. CARs-spectroscopy with a pulsed dye-laser system 8-62241
- Nitschke, J.M. *see* Baisden, P.A. 8-82282
- Nitschke, J.M. *see* Illige, J.D. 8-94027
- Nitschke, J.M. *see* Otto, R.J. 8-74390

- Nitsolov, S.L.** Three-photon Rayleigh scattering of light by density fluctuations in an isotropic medium 8-74841
- Nitsolov, S.L.** To a phenomenological theory of three-photon light scattering in isotropic media 8-83024
- Nitsovich, B.M., Nitsovich, V.M.,** Falenchuk, V.D. Integrated intensity of an exciton absorption band 8-72084
- Nitsovich, V.M.** *see* Boichuk, V.I. 8-79943
- Nitsovich, V.M.** *see* Ermakov, V.N. 8-72569
- Nitsovich, V.M.** *see* Nitsovich, B.M. 8-72084
- Nitta, K.** *see* Ohno, N. 8-75526
- Nitta, M., Kanefusa, S., Taketa, Y.,** Haradome, M. Oscillation phenomenon in ThO_2 -doped SnO_2 exposed to CO gas 8-68032
- Nitta, S.** *see* Morigaki, K. 8-84500
- Nitta, S.** *see* Shimakawa, K. 8-72150
- Nitta, T., Tanaka, M.** Free-field measurements for a loudspeaker system in a normal room—using digital signal processing techniques 8-66995
- Nitzan, A.** Chemical instabilities as critical phenomena 8-65897
- Nitzan, A.** *see* Cameli, B. 8-94226
- Nitzan, A.** *see* Grimbert, D. 8-74689
- Nitzan, A.** *see* Shugard, M. 8-79707
- Nitzsche, L.E., Davidson, E.R.** A perturbation theory calculation on the $\pi\pi^*$ state of formamide 8-62705
- Nitzsche, L.E., Davidson, E.R.** Ab initio studies in the $\pi\pi^*$ states of glyoxal and methyl glyoxal 8-94194
- Niu, K., Shimojo, T.** Heating of charged particles by electrostatic wave propagating perpendicularly to uniform magnetic field 8-63565
- Niu, K., Yabe, T., Okada, T.** Effects of electromagnetic instabilities on thermal-flux reduction in laser-irradiated plasma 8-59641
- Niu, K.** *see* Fuchi, H. 8-70521
- Niu, K.** *see* Horioka, K. 8-74881
- Niu, K.** *see* Maki, H. 8-75348
- Niu, K.** *see* Okada, T. 8-75272
- Niu Shi-wen** *see* Yang Zhen 8-68462
- Niwa, K.** *see* Fuchi, H. 8-70521
- Niwa, T.** Time correlation functions of a one-dimensional infinite system 8-65862
- Niwas, R., Sharma, H.P., Shanker, J.,** Venma, V.P. Analysis of the volume dependence of static polarizability of alkali halides 8-52428
- Nix, J.R.** *see* Amsden, A.A. 8-78298
- Nix, J.R.** *see* Blocki, J. 8-86501
- Nix, J.R.** *see* Negele, J.W. 8-66261
- Nix, J.R.** *see* Sierk, A.J. 8-50071
- Nix, W.D.** *see* Burke, M.A. 8-71736
- Nix, W.D.** *see* Goods, S.H. 8-52894, 8-52935, 8-60824
- Nix, W.D.** *see* Spingarn, J.R. 8-84896
- Nixon, D.** Notes on the transonic indicial method 8-94769
- Nixon, J.C.** *see* Sparks, D.W. 8-53427
- Nixon, J.F.** *see* Hamilton, D. 8-81691
- Nixon, M.R.** *see* Kogan, A. 8-50120
- Nixon, M.R.** *see* Lornie, P.R.G. 8-62483
- Nixon, P.E.** Overlapping Patterson peaks and direct methods: the structure of prostratin 8-55779
- Nizametdinov, M.M.** *see* Rykalin, N.N. 8-51322
- Nizametdinova, M.A.** *see* Allakhverdiev, K.R. 8-59903, 8-71800
- Nizametdinova, M.A.** *see* Kulieva, G.A. 8-60118
- Nizamutdinov, N.M.** *see* Abdullin, R.S. 8-60354
- Niz'ev, V.G.** *see* Baranov, V.Yu. 8-50750, 8-59696, 8-90409
- Nizhin, A.M.** *see* Shepurev, E.I. 8-90466
- Nizhnii, S.V.** *see* Kats, M.M. 8-69026
- Nizhnikovskii, Ye.A.** *see* Boguslavskii, L.I. 8-64933
- Niznik, G.E., Legrand, D.G.** The effect of the end capping ratio on the properties of block copolymers 8-91266
- Nizovsky, V.L.** *see* Asinovsky, E.I. 8-66879, 8-87117
- Nizovsky, V.L.** *see* Bronin, S.Ya. 8-75365
- Nizzoli, F.** Anharmonicity and neutron diffraction in HCP metals 8-59907
- Nizzoli, F.** *see* Barigazzi, G. 8-59879
- Nizzoli, F.** *see* Bortolani, V. 8-71934, 8-72536, 8-75921, 8-95222, 8-95224
- Njio, L.** *see* Donker, D.N.J. 8-77049
- Nkemdirim, L.C., Leggat, K.** The effect of chinook weather on urban heat islands and air pollution 8-61534
- Noah, P.** *see* Schwartz, R.D. 8-81633
- Noakes, J.E., Duggan, J.L.** A high resolution π alpha spectrometer with silicon surface barrier detectors 8-82565
- Noakes, J.E.** *see* Heinrich, B. 8-68258
- Noakes, J.E.** *see* Shinozaki, S.S. 8-80567
- Noaki, M.** *see* Kawabata, N. 8-69101
- Noane, G.L.** *see* Le Noane, G.
- Nobiling, R.** *see* Bosch, F. 8-64911
- Nobis, D., Vest, C.M.** Statistical analysis of errors in holographic interferometry 8-78953
- Noblanc, J.P.** *see* Bouley, J.C. 8-87059
- Noble, B.** *see* Sewell, M.J. 8-49643
- Noble, C.J.** *see* Dixon, A.J. 8-55245
- Noble, C.J.** *see* Fuss, I. 8-55246
- Noble, C.J.** *see* Teubner, P.J.O. 8-74761
- Noble, J.V.** Applications of progenitor sum rules in nuclear theory 8-54690
- Noble, J.V.** Consequences of wave function orthogonality for medium energy nuclear reactions 8-78335
- Noble, M.L.** Optical processing of gigahertz bandwidth signals 8-78937
- Noblet, M.M.** *see* Bouchaib, P. 8-72027
- Noblet, M.M.** *see* Diebold, A. 8-73110
- Nobuki, M., Oguchi, A.** Effect of hydrostatic pressure on the ductility of an alloy steel 8-80615
- Nobuki, M.** *see* Oguchi, A. 8-76711, 8-76795
- Nocentini, A.** *see* Engelmann, F. 8-79453
- Noci, G.** Mechanism of emission of solar flares 8-96462
- Nocker, H., Zum Gahr, K.H.** Abrasive wear of cast iron with lamellar graphite and with spheroidal graphite 8-85000
- Noda, A.** *see* Toshioka, K. 8-93885
- Noda, H., Tashiro, T.** Hyperon production in KN collision at low energies and a unified description of inclusive spectra 8-66173
- Noda, J., Fukuma, M., Saito, S.** Effect of Mg diffusion on Ti-diffused LiNbO_3 waveguides 8-66905
- Noda, J., Mikami, O., Minakata, M.,** Fukuma, M. Single-mode optical-waveguide fiber coupler 8-74973
- Noda, J., Zembutsu, S., Fukunishi, S.,** Uchida, N. Strip-loaded waveguide formed in a graded-index LiNbO_3 planar waveguide 8-74965
- Noda, J.** *see* Fukuma, M. 8-74985
- Noda, J.** *see* Mikami, O. 8-66951
- Noda, K.** *see* Imura, T. 8-83822
- Noda, K.** *see* Nasu, S. 8-51577
- Noda, N.** *see* Toi, K. 8-71527
- Noda, N.** *see* Yakeuti, Y. 8-79217
- Noda, S.** *see* Dotoku, K. 8-88406
- Noda, Y., Igaki, K.** P-T phase diagram and structural study of the Co-Se system 8-56622
- Noda, Y., Mori, M., Yamada, Y.** Incommensurate Jahn-Teller phase transition in $\text{K}_2\text{PbCu}(\text{NO}_3)_6$ 8-79730
- Noda, Y., Mori, M., Yamada, Y.** Successive Jahn-Teller phase transitions in $\text{K}_2\text{PbCu}(\text{NO}_3)_6$ 8-91438
- Noda, Y.** *see* Endoh, Y. 8-91403
- Noda, Y.** *see* Mori, M. 8-95154
- Noda, Y.** *see* Shapiro, S.M. 8-91398
- Noda, Y.** *see* Shimomura, O. 8-87647
- Nodov, E.** Optimization of resonant cell design for optoacoustic gas spectroscopy (H-type) 8-56924
- Nodulman, L.J.** *see* Bacino, W. 8-70351
- Nodulman, L.J.** New results from DELCO 8-89693
- Nodulman, L.J.** *see* Slater, W.E. 8-86729
- Nodvik, J.S.** *see* Crowley, R.J. 8-77731
- Noe, J.de la** *see* de la Noe, J.
- Noe, J.W.** *see* Dafni, E. 8-62482
- Noe, L.J., Degenkolb, E.O., Rentzepis, P.M.** Dependence of radiationless relaxation in acridine on solvent using picosecond spectroscopy 8-66582
- Noel, C.** Identification of a nematic mesophase in a copolyazomethine by isomorphism 8-71672
- Noel, C.** *see* Laupretre, F. 8-55267, 8-56393
- Noel, H.** Synthesis and crystallographic characteristics of ternary chalcogenides of thorium and 3d elements 8-51517
- Noel, H.** *see* Wolfers, P. 8-68170
- Noel, H.S.** Oil spills: why clean them up? 8-81221
- Noel, R.** *see* Duhameau, W. 8-81375
- Noell, J.** *see* Peyton, B.J. 8-57369
- Noerdlinger, P.** *see* Arigo, R. 8-93430
- Noerdlinger, P.D.** Automatic computation of diffusion rates 8-57434
- Noerdlinger, P.D.** Positrons in compact radio sources 8-73770
- Noever de Brauw, M.C.** *see* Ten Noever de Brauw, M.C.
- Noeffke, J., Brunn, W., Hermann, K.** The extended rigorous cellular method: Theory and applications to thin films 8-52055
- Noeff, W.** *see* Kaul, A. 8-96093
- Noga, M.** *see* McCammond, D. 8-76724
- Nogami, Y., Warke, C.S.** Exactly solvable time-dependent Hartree-Fock equations 8-78296
- Nogami, Y.** *see* Adhikari, S.K. 8-54714
- Nogami, Y.** *see* Sagara, K. 8-58292
- Nogami, Y.** *see* Vallieres, M. 8-82274
- Nogar, N.S.** Application of the effective photon concept to multiphonon absorption 8-88651
- Nogata, K.** *see* Doke, T. 8-61688
- Noguchi, K.** *see* Oishi, M. 8-81591
- Noguchi, M.** *see* Kanda, T. 8-89077
- Noguchi, M.** *see* Tsuchiya, A. 8-89079
- Noguchi, S., Matsuki, S.** A program for plotting histograms "HIST" 8-77876
- Noguchi, S., Tsuchiya, Y., Hasegawa, M.** Positron annihilation study in ultrafine particles of metals. I. Simple metals 8-56542
- Noguchi, S.** *see* Baba, K. 8-93987
- Noguchi, S.** *see* Matsuo, S. 8-52314
- Noguchi, S.** *see* Yamashita, S. 8-66170
- Noguchi, T.** Measurement of scintillation decay curves by a single photon counting technique 8-78555
- Noguchi, T.** Applications of pulsed electron acceleration in radiation chemistry 8-80754
- Noguchi, T., Soyano, T., Aoki, T.** The Hartmann test for the 105 cm Schmidt telescope 8-89073
- Noguchi, T., Yamashita, Y.** An achromatic condition of Schmidt telescopes 8-89062
- Noguchi, T.** *see* Mizuno, M. 8-79747, 8-88449, 8-92253
- Noguchi, T.** *see* Morita, S. 8-84250
- Noguchi, T.** *see* Nagaoka, K. 8-84974
- Noguchi, T.** *see* Tomimatsu, T. 8-78515
- Noguchi, T.** *see* Yamashita, Y. 8-73711
- Noguchi, Y.** *see* Fujita, H. 8-59692
- Noguchi, Y.** *see* Nagai, H. 8-88345
- Noguera, C., Spanjaard, D., Jepsen, D.W.** Calculation of the density of states at the (100) and (110) surfaces of molybdenum 8-52047
- Nohara, A.** *see* Kubota, S. 8-55099
- Nohguchi, Y., Tabata, T.** Failure of sea ice by compression 8-88841
- Nohl, H.** *see* Andersen, O.K. 8-51871
- Nohmi, T., Makino, H., Kawai, T., Manabe, S.,** Kamide, K. Studies on gas permeability of porous polymeric membrane. III. Mechanism of gas permeation through porous polymeric membrane 8-79372
- Noir, D.T., George, A.R.** Absorption of sound by homogeneous turbulence 8-63420
- Nojima, S.** Anomaly of electrical activation of As atoms implanted in Si by additional Ne irradiation 8-84211
- Nojima, S., Kawasaki, Y.** Property of disordered GaAs by ion implantation 8-84212
- Nojiri, Y.** *see* Sugimoto, K. 8-50126
- Nojiri, Y.** *see* Tanaka, K. 8-50196
- Nojo, K.** *see* Wakao, N. 8-53660
- Nokes, M.A., Hill, B.C., Barelli, A.E.** Fiber optic heterodyne interferometer for vibration measurements in biological systems 8-77101
- Noks, P.P., Kononenko, A.A., Rubin, A.B.** Non-monotonic character of sorption and desorption of water by preparations of chromophores of photosynthesizing purple bacteria 8-69012
- Nolan, D.J.** *see* Ardran, G.M. 8-61259
- Nolan, M.J.** *see* Mazenko, G.F. 8-77810
- Nolan, P.J.** *see* Al-Naser, A.M. 8-93960
- Nolan, P.J.** *see* Lister, C.J. 8-62588
- Noland, D.M.** *see* Stencil, J.M. 8-81991
- Noldeke, G.** *see* Besch, H.J. 8-93893
- Noldeke, T.** *see* Christ, A. 8-70663
- Nolen, J.A., Jr., Curtin, M.S., Dyson, T.E.** A simple ion source for target preparation via ion beam sputtering 8-55067
- Nolen, J.A., Jr.** *see* Bhatia, T.S. 8-70433
- Nolen, J.A., Jr.** *see* King, C.H. 8-54755
- Nolen, J.A., Jr.** *see* Wiedner, C.A. 8-89915
- Nolen, J.A., Jr.** *see* Zwieginski, B. 8-66277
- Nolen, R.L., Jr., Downs, R.L., Miller, W.J.,** Ebner, M.A., Doletzky, N.E., Solomon, D.E. Fabrication of glass shells 8-50301
- Nolen, R.L., Jr., Schneggenburger, R.G.,** Doletzky, N.E., Lennon, P.J., Solomon, D.E. Determination of gases contained in laser fusion targets 8-50306
- Nolen, R.L., Jr.** *see* Solomon, D.E. 8-50316
- Nolfi, F.V., Jr.** *see* Agarwal, S.C. 8-86600
- Noll, P.** *see* Bombi, F. 8-62619
- Noll, R.J.** Surface reflection models for stray-light calculations 8-58905
- Noll, R.J.** Phase estimates from slope-type wave-front sensors 8-66770
- Noll, W., Schaffer, J.J.** Orders, gauge, and distance in faceless linear cones; with examples relevant to continuum mechanics and relativity 8-57753
- Nolle, A.** Isotropic and anisotropic nuclear magnetic shielding of ^{113}Cd in cadmiumhalides, cadmiumchalcogenides and in cadmiumcarbamate 8-68395
- Nolle, A.** *see* Gauss, W. 8-84487
- Nolle, A.** *see* Gunther, S. 8-95529
- Nolle, A.** *see* Koch, W. 8-95528
- Nolle, P.** *see* Hoffmeister, H. 8-85060
- Nollez, G.** *see* Goldbach, C. 8-71448
- Nolt, I.G.** *see* Kuhn, P.M. 8-96318
- Nolte, D.** *see* Doblhofer, K. 8-76866
- Nolte, J.** *see* Zucker, R. 8-64994
- Nolte, J.T., Krieger, A.S., Solodina, C.V.** Short term evolution of coronal hole boundaries 8-61844
- Nolte, J.T.** *see* Gerassimenko, M. 8-61841
- Nolte, L.W.** *see* Liu, C.S. 8-55524
- Noltmier, H.C.** *see* Ellwood, B.B. 8-77221
- Nolting, W.** Electronic quasiparticle spectrum of ferromagnetic semiconductors in the sf model 8-52188
- Nolting, W.** *see* Matlak, M. 8-76220
- Nolting, W.** *see* Schoenes, J. 8-67939

- Nomicos, C.D.**, Giakoumakis, G.E., Euthymiou, C., Sandilos, P.X. Absolute efficiency of (ZnCd)S:Ag phosphor under fluoroscopy conditions 8-73203
- Nomicos, C.D.**, Giakoumakis, G.E., Ravanos, C.E., Euthymiou, P.C., Sandilos, P.X. Absolute efficiency of CsI:Na phosphor under fluoroscopy conditions 8-82084
- Nomine, A.M.** see Corcos, J. 8-60811
- Nomizu, T.** see Ujihira, Y. 8-56541
- Nomokonov, P.** see Gross, D. 8-70410
- Nomoto, K.**, Sugimoto, D. Rejuvenation of helium white dwarfs by mass accretion 8-73712
- Nomura, K.**, Ishido, Y., Ono, S. Newly synthesized metal hydride $\text{MgCaH}_{3.72}$ 8-84751
- Nomura, M.** Reordering into normal products, the commutation relation and the particle-hole relation in the many-body shell model bases 8-66227
- Nomura, M.** Study of Gaussian distribution in nuclear spectroscopy 8-66229
- Nomura, M.** On the bump at high excitation in $\text{Sn}(p,t)$ reactions 8-74366
- Nomura, M.** see Morohashi, S. 8-95709
- Nomura, S.**, Todokoro, H., Komoda, T. Microanalysis by means of energy loss spectrometry using a field emission STEM 8-53286
- Nomura, S.**, Todokoro, H., Komoda, T. Microanalysis by means of energy loss spectrometry 8-85244
- Nomura, S.** see Uchino, K. 8-84534
- Nomura, T.**, Delaunay, J., Tosello, C., Bendjaballah, N. Partial breakdown of the evaporation model and possible preequilibrium α -particle emission in heavy-ion fusion reactions 8-89927
- Nomura, T.**, Yamaguchi, T. Evaluation of TiO_2 powders and effects of calcination in the sintering of BaTiO_3 ceramics 8-64516
- Nomura, Y.** see Morita, Y. 8-91107
- Nonaka, H.** SAW filters play effective role for high frequencies 8-51010
- Nonaka, M.** see Sato, T. 8-63239
- Nonaka, T.** An analysis for large deformation of an elastic-plastic bar under repeated axial loading. II. Correlation with small deformation theory 8-59310
- Nonaka, T.** An elasto-visco-plastic analysis for spherically and cylindrically symmetric problems 8-79229
- Nonaka, T.** see Egawa, H. 8-56892
- Nonami, K.**, Miyashita, M. Problem of rotor passing through critical speed with gyroscopic effect. Analysis by asymptotic method and experiments 8-63354
- Nongailard, B.** see Bridoux, E. 8-51022
- Nongailard, B.** see Brunel, C. 8-51021
- Nonn, G.** see Bohme, G. 8-87367
- Noodleman, L.**, Westwood, N.P.C., Mitchell, K.A.R. Ionization energies and electronic structure of $\text{N}_2\text{P}_2\text{Cl}_6$ as determined by UV photoelectron spectroscopy and the X α scattered wave method 8-94281
- Noollandi, J.**, Hong, K.M. Critical field in time-dependent geminate recombination 8-72446
- Noollandi, J.** see Hong, K.M. 8-73050, 8-73051, 8-79888
- Noon, E.L.** see Campbell, R.W. 8-85824
- Noon, G.P.** see Chimoskey, J.E. 8-73295
- Noonan, J.R.**, Davis, H.L., Jenkins, L.H. LEED analysis of a Cu (110) surface 8-71914
- Noonan, J.R.** see Madden, H.H. 8-68583, 8-72644
- Noor Mohammad, S.** On simplifying the potential for alkali halide molecules 8-58612
- Nooteboom, J.J.** Signature and amplitude of linear airgun arrays 8-69297
- Nopper, R.W., Jr.**, Carovillano, R.L. Polar-equatorial coupling during magnetically active periods 8-93029
- Norbeck, E.** $^6\text{Li}+^6\text{Li}\rightarrow 3^4\text{He}$ cross sections and thermonuclear fusion parameters 8-50223
- Norberg, A.L.** Simon Newcomb's early astronomical career 8-93504
- Norbury, D.** see Macdonald, J.N. 8-86852
- Norbury, J.R.** see Harden, B.N. 8-73426
- Norcross, D.W.** see Collins, L.A. 8-94321
- Nord, G.L., Jr.**, Christie, J.M., Lally, J.S., Heuer, A.H. The thermal and deformational history of Apollo 15418, a partly shock-melted lunar breccia 8-65517
- Nordberg, E.** see Cohen, I. 8-66123
- Nordby, K.S.** Measurement and evaluation of the insertion loss of panels 8-87193
- Norden, B.** Vortical flow as a source of optical activity in J aggregates of cyanide dyes? 8-72482
- Norden, B.**, Davidsson, A. Form dichroism and the study of molecular shape 8-60417
- Norden, B.**, Hakansson, R., Danielsson, S. Permanent magnet interface for magnetic circular dichroism spectroscopy 8-62232
- Nordgren, J.**, Agren, H., Selander, L., Nordling, C., Siegbahn, K. Electron spectroscopy and ultra-soft X-ray emission of free molecules 8-50558
- Nordgren, J.** see Agren, H. 8-82678
- Nordgren, L.** see Fellstrom, B. 8-92738
- Nordholm, S.** see Freasier, B.C. 8-82818, 8-85137
- Nordholm, S.** see Severin, E.S. 8-73917
- Nordin, E.** A reinvestigation of the structure of pentaammine-nitritochromium(III) dichloride at 245K 8-75637
- Nordine, P.C.** High temperature kinetics of refractory metal gasification by atomic fluorine 8-53019
- Nordio, P.L.** see Moro, G. 8-84490
- Nordland, W.A., Jr.** see Miller, R.C. 8-50788
- Nordling, C.** see Agren, H. 8-82678
- Nordling, C.** see Alvarez, E. 8-78666
- Nordling, C.** see Nordgren, J. 8-50558
- Nordling, C.** see Nyholm, R. 8-53301
- Nordlund, A.** Convective overshooting in the solar photosphere; a model granular velocity field 8-89166
- Nordman, J.** see Paterno, G. 8-64169
- Nordmark, G.E.**, Fricke, W.G. Fatigue crack arrest at low stress intensities in a corrosive environment 8-92415
- Nordmeyer, H.**, Lanzetta, L., Nicollin, B. Bathymetric map of Lake Lugano 8-96252
- Nordstrom, B.** see Clausen, J.V. 8-65653, 8-69833
- Nordstrom, R.J.**, Thomas, M.E., Peterson, J.C., Damon, E.K., Long, R.K. Effects of oxygen addition on pressure-broadened water-vapor absorption in the 10- μm region 8-92975
- Nordstrom, T.V.**, Hills, C.R. Precipitation in a nickel-beryllium alloy 8-80549
- Noreland, T.** see Alvarez, E. 8-78666
- Norem, J.** see Brooks, J. 8-70636
- Norem, J.** see Brooks, J.N. 8-66410
- Norem, J.** see Fasolo, J. 8-54973
- Norenberg, W.** see Ayik, S. 8-58302
- Norenberg, W.** see Schurmann, B. 8-58301
- Norenberg, W.** see Wolschin, G. 8-82376
- Norfolk, D.J.**, Swan, T. γ -radiolysis of methane adsorbed on γ -alumina. II. Kinetics of reactions occurring during irradiation 8-95940
- Norgaard-Nielsen, H.U.** A check of the absolute luminosity calibrations of the uvby β photometric system by means of small trigonometric parallaxes 8-57463
- Norgan, R.** An introduction to the measurement of equivalent continuous noise levels Leq 8-83195
- Norian, K.H.** The electron microscopy of thin V_2O_5 films using composite optical grids to calibrate the microscope 8-84106
- Norimatsu, T.**, Hashizume, K., Tsujimoto, A., Sasaki, T., Yamanaka, T., Yamanaka, C. Selection of glass microballoon and measurement of pellet properties for laser fusion experiments 8-87469
- Norimatsu, T.** see Yamanaka, C. 8-50300
- Norimoto, Y.** see Yamashita, Y. 8-81636
- Norimura, T.** see Okajima, S. 8-85393
- Norisuye, T.**, Hyuk Yu Intrachain dynamics and forward depolarized scattering 8-68525
- Norisuye, T.** see Fujita, H. 8-55968
- Norlin, L.O.**, Orre, B., Possnert, G., Johansson, K. Oxygen content analysis of metal surfaces with resonant α -scattering 8-64778
- Norlin, L.O.** see Borghini, M. 8-68439
- Norlin, L.O.** see Hartmann, O. 8-95537
- Norman, A.** see Pinkel, D. 8-73191
- Norman, C.A.**, Silk, J. On the formation and evolution of clumps of galaxies in an expanding Universe 8-93432
- Norman, C.A.**, Smith, R.A. Kinetic processes in solar flares 8-85920
- Norman, C.A.** see Allamandola, L.J. 8-61905
- Norman, D.**, Woodruff, D.P. Energy dependence of electron inelastic scattering mean-free-paths using synchrotron radiation photoelectron spectroscopy 8-76587
- Norman, D.**, Woodruff, D.P. Synchrotron radiation photoemission studies of the adsorption of oxygen on magnesium and aluminium 8-95228
- Norman, D.**, Woodruff, D.P., Norris, C., Williams, G.P. Photoemitted intensities from core states of chalcogens on nickel up to 160 eV above threshold 8-95654
- Norman, D.** see Woodruff, D.P. 8-95659
- Norman, E.B.**, Davids, C.N., Moss, C.E. Energy levels of ^{60}Fe populated by the $^{58}\text{Fe}(t,p)^{60}\text{Fe}$ reaction 8-82288
- Norman, E.B.**, Davids, C.N., Murphy, M.J., Pardo, R.C. Mass and β decay of the new neutron-rich isotope ^{60}Mn 8-78317
- Norman, E.B.** see Davids, C.N. 8-70436
- Norman, E.B.** see Murphy, M.J. 8-66213
- Norman, G.E.** see Valuev, A.A. 8-71441
- Norman, M.L.**, Wilson, J.R. The fragmentation of isothermal rings and star formation 8-93205
- Norman, W.L.** see Feldtman, R.W. 8-57121
- Normand, C.** see Dubois, M. 8-71327
- Normand, C.** see Wesfreid, J. 8-71328
- Normann, R.A.** see Leeper, H.F. 8-92627
- Normet, H.** High-accuracy calibrator uses band-gap voltage reference 8-65941
- Noro, T.** see Hosono, K. 8-82343
- Noro, T.** see Nakamura, M. 8-54754
- Noro, T.** see Sakaguchi, H. 8-78297
- Noronha, P.J.**, Packman, P.F. Dependence of sub-critical crack growth on effective stress intensities 8-56726
- Noronha, P.J.** see Couchman, J.C. 8-53040
- Norrbj, J.** see Benot, M. 8-86731
- Norris, A.** see Blustein, H. 8-61119
- Norris, B.** see Murray, R.J. 8-95822
- Norris, B.** see Smith, A.L.S. 8-82946
- Norris, C.** see Norman, D. 8-95654
- Norris, C.B.** Temperature, injection level, and frequency dependences of the luminescence in lightly- and heavily-doped CdTe:In 8-52584
- Norris, D.R.** see Johnson, W.R. 8-65339
- Norris, G.B.**, Whitfield, G.D. Excited states of strongly bound electron-lattice systems 8-84151
- Norris, J.**, Hawarden, T.G. The metal abundance of the old open cluster NGC 2243 8-93333
- Norris, J.R.** see Bowman, M.K. 8-61141
- Norris, J.R.** see Trifunac, A.D. 8-80764
- Norris, M.O.** see Landers, P.C. 8-57930
- Norman, S.**, Andersson, T., Granqvist, C.G., Hunderi, O. Optical properties of discontinuous gold films 8-84673
- North, A.M.**, Pethrick, R.A., Wilson, A.D. Dielectric properties of phase separated polymer solids. I. Styrene-butadiene-styrene triblock copolymers 8-95545
- North, A.M.**, Pethrick, R.A., Wilson, A.D. Dielectric properties of phase separated polymer solids. II. Butanediol terephthalate-poly(tetramethylene oxide terephthalate) copolymers 8-95546
- North, C.S.** see Liu, B. 8-90091
- North, G.G.** Design and test of a series switch/regulator system for a 40-kV, 80-A, 10-ms, neutral-beam power supply 8-66366
- North, J.C.** Handling optical cables: safety aspects; comments 8-74968
- North, R.A.** see Katayama, Y. 8-73153
- Northcliffe, L.** see Thomas, W. 8-70392
- Northcliffe, L.C.** see Bonner, B.E. 8-50173, 8-50174
- Northcliffe, L.C.** see Riley, P.J. 8-70389, 8-70534
- Northolt, M.G.**, Stuu, H.A. Determination of the crystal density of polymers by X-ray diffraction 8-91273
- Northolt, M.G.**, Van Aartsen, J.J. Chain orientation distribution and elastic properties of poly(p-phenylene terephthalamide), a 'rigid rod' polymer 8-75566
- Northover, K.J.E.** see Birkinshaw, M. 8-86021, 8-96551
- Northrop, T.G.**, Rome, J.A. Extensions of guiding center motion to higher order 8-51332
- Northrup, S.H.**, Hynes, J.T. Coupling of translational and reactive dynamics for a simple lattice model 8-55696
- Northrup, S.H.**, Hynes, J.T. Coupling of translational and reactive dynamics for a Fokker-Planck model 8-60988
- Norton, I.O.** see Sclater, J.G. 8-53639
- Norton, J.T.** see Pawley, J.B. 8-69260
- Norton, P.**, Brandt, J. Temperature coefficient of resistance for p- and n-type silicon 8-91698
- Norton, P.R.**, Davies, J.A., Jackson, D.P., Matsunami, N., Andersen, J.U. Surface structure analysis of Pt(111) and Pt(100) surfaces by MeV ion backscattering and channelling (SAI-BAC) 8-71916
- Norton, R.** see Wong, C.F. 8-87724
- Norton, R.B.** see Noxon, J.F. 8-88880
- Norton, W.R.** see Baca, R.G. 8-92868
- Norton, W.R.** see King, I.P. 8-92877
- Norum, T.D.**, Liu, C.H. Point source moving above a finite impedance reflecting plane—experiment and theory 8-59179
- Norvaishas, A.A.** see Vladimirovskii, K.V. 8-82939
- Norwich, K.H.** see Brooks, J. 8-61209
- Norwicz, J.**, Hajduk, N. The accuracy of equations approximating the temperature integral. I 8-92445
- Norwood, L.S.** see Ball, M.C. 8-85200
- Nosanow, L.H.** see Miller, M.D. 8-77798
- Nose, H.** see Nakatani, I. 8-76227
- Nosel, W.** Thermodynamical properties of nuclear spin systems with dipolar interaction in solids. Low-field case. II 8-76205
- Noshay, A.**, Matzner, M., Robeson, L.M. Morphology and impact resistance in linear and crosslinked block copolymers 8-91265
- Noshkin, V.E.** see Levy, Y. 8-53661
- Noskin, E.L.** see Vysotskii, A.V. 8-73964
- Noskin, V.A.** see Lokmin, A.V. 8-96029
- Noskov, A.B.** see Aslanova, M.S. 8-88455
- Noskov, D.A.** see Georgobiani, A.N. 8-87700
- Noskov, D.A.** see Ilyushkin, V.A. 8-74522
- Noskov, M.M.** see Knyazev, Yu.V. 8-56497, 8-84577

- Noskov, N.N.** Turbulent 'dynamo' problem 8-63501
- Noskov, N.N.** *see* Kuznetsov, E.A. 8-79440
- Noskova, E.A.** *see* Ivanova, L.A. 8-72476
- Nosov, A.A.** *see* Nosova, D.I. 8-95858
- Nosov, G.I., Smirnov, S.A.** Controlled gas discharge switch with a cold cathode 8-86300
- Nosova, D.I., Nosov, A.A., Poshkhonov, P.V.** An annealing temperature cycle which has an effect on the relief and field emission properties of electrodes 8-95858
- Nosova, E.M.** *see* Kalinin, E.K. 8-83231
- Nossal, R.J.** *see* Brenner, S.L. 8-54318
- Nossarzewska-Orlowska, E.** *see* Borkowicz, J. 8-76608
- Nosu, S., Tanifuji, T., Kawatsura, K., Uchida, K., Kikuchi, A.** The fundamental optical absorption edge and an estimation of the number of displaced atoms by the $^6\text{Li}(n,\alpha)^3\text{H}$ reaction in Li_2O 8-51594
- Notaristefani, F.de** *see* Notaristefani, F.
- Nothdurft, H.C.** *see* Creutzfeldt, O.D. 8-88709
- Nothe, D., Moroni, W., Keller, H.J., Soos, Z.G., Maxumdar, S.** Triplet spin excitons in organic charge transfer complexes 8-80192
- Nothe, D.** *see* Endres, H. 8-55860, 8-63741
- Notis, M.R., Shah, D., Graham, C.D., Jr., Trout, S.R.** Magnetic anisotropy in MnBi particles grown by directional solidification of the Mn-Bi eutectic 8-68220
- Notkin, A.B.** *see* Fain'ron, A.S. 8-56647
- Notley, M.J.F.** *see* Hastings, I.J. 8-78465
- Notni, P.** *see* Tiersch, H. 8-57472
- Noto, K., Matsumoto, R.** Mixed-convection heat transfer around an isothermal flat surface of finite length 8-90891
- Notsu, Y., Nakajima, T., Kawai, N.** Generation of high pressures and high temperatures in a large volume 8-57972
- Nottale, L., Moles, M.** Statistical analysis of discrepant redshift associations quintets of galaxies 8-65701
- Nottrodt, K.H., Georgii, H.W., Groeneveld, K.O.** Absolute element concentrations in aerosols analysed by atomic-absorption-spectroscopy and by proton-induced X-ray emission, a comparison 8-85237
- Notz, D.** *see* Brandelik, R. 8-62416
- Notz, P.K.** *see* Crouch, S.R. 8-95971
- Nouailhat, A.** Electric field effect on the mechanisms of recombination in KI doped with divalent ions 8-80397
- Nouailhat, A., Guillot, G., Mercier, E., Truong Van Khien** Polariton effects in the resonant emission of KI 8-76533
- Nouailhat, A.** *see* Mercier, E. 8-67712
- Nouet, J.** *see* Kleeman, W. 8-76424
- Nouet, J.** *see* Rousseau, M. 8-75794
- Nougier, J.P.** Identity between spreading and noise diffusion coefficients for hot carriers in semiconductors 8-64047
- Nougier, J.P.** *see* Gasquet, D. 8-76078
- Nouri-Moghadam, M., Yoshimura, T.** Some remarks on the Green's function formalism of Klauder's augmented quantum field theory: φ^4 model 8-78094
- Nourtier, C.** *see* Kleman, M. 8-64254
- Novacu, B., Demco, D.E.** Nuclear magnetic relaxation rate in superconductive state 8-60247
- Novacu, B.** *see* Demco, D.E. 8-52144
- Novak, A.** *see* Bougeard, D. 8-92076
- Novak, A.** *see* Goyipiron, A. 8-78691
- Novak, B.L.** On the possibility to detect the binarity of X-ray sources by Doppler effect 8-77623
- Novak, D.M., Conway, B.E.** Technique for dynamic observation of electrolyte growth of dendritic metal crystals 8-51863
- Novak, E.** *see* Sire, E.O. 8-90268, 8-90269
- Novak, F.** *see* Hochstrasser, R. 8-80323
- Novak, I.I.** *see* Baptizmanskii, V.V. 8-52491
- Novak, I.I.** *see* Tashpulatov, B.M. 8-88339
- Novak, J.** Transversal and oblique flow around obstacles in nuclear plants and the frequency of forces exciting vibrations of the obstacles 8-66331
- Novak, J.** *see* Stofa, J. 8-52435
- Novak, J.W., Jr., Browner, R.F.** Pulsed radiofrequency-excited electrodeless discharge lamps for analytical atomic spectrometry 8-74061
- Novak, M.** *see* Krasa, J. 8-66814
- Novak, P., Bamm, G.** An electric blood pressure sensor for extracorporeal circulations 8-92721
- Novak, V.** *see* Koci, M. 8-77138
- Novakovic, L., Zekovic, S.** On the self-consistent field approach to hydrogen-bonded phase transitions 8-92030
- Novakovic, M., Petrasinovic, Lj., Perovic, N., Djuric, M.** Solution of the 'inverse' problem of conduction of heat transfer by Runge-Kutta integration of the Fourier equation with onside boundary values and no initial conditions 8-89417
- Novakovic, M.** *see* Djuric, M. 8-90681
- Novakovic, M.** *see* Mirjana Djuric 8-94568
- Novarini, J.C., Medwin, H.** Diffraction, reflection, and interference during near-grazing and near-normal ocean surface backscattering 8-90570
- Novarini, J.C.** *see* Blanc, S. 8-65321
- Novaro, O., Blaisten-Barojas, E., Clementi, E., Giunchi, G., Ruiz-Vizcaya, M.E.** Theoretical study on a reaction pathway of Ziegler-Natta-type catalysis 8-56891
- Novchan, S.P., Starchenko, N.A.** Absorption of microwaves in sandy and clay soils 8-81162
- Novetsky, G.J.** *see* Turner, D.A. 8-65111
- Novgorodov, M.Z.** *see* Krasa, J. 8-66814
- Novichenok, L.N.** *see* Mikhalev, V.S. 8-80902
- Novichenok, L.N.** *see* Shul'man, Z.P. 8-59500
- Novichkov, V.P.** *see* Duzheva, T.I. 8-59947
- Novichkov, V.V.** *see* Samokhvalov, M.K. 8-60207
- Novick, R.** *see* Hinds, E.A. 8-55141, 8-66655
- Novick, R.** *see* Kestenbaum, H.L. 8-57607
- Novick, R.** *see* Silver, E.H. 8-57454
- Novik, F.S.** Zoom lenses for television cameras 8-90493
- Novik, K.** *see* Datlov, J. 8-91125
- Novik, K.M.** *see* Budnikov, V.N. 8-79439
- Novik, V.K.** *see* Gavrilova, N.D. 8-91448
- Novikov, A.B.** *see* Ereemeev, M.A. 8-68597
- Novikov, A.G.** *see* Zborovskii, V.A. 8-50828
- Novikov, A.P., Yurchenko, I.G.** Thermocouple lead ins for high-pressure chamber operating with strongly compressible media 8-86285
- Novikov, A.P.** *see* Komarov, F.F. 8-62890
- Novikov, B.A.** *see* Golikov, V.M. 8-67850
- Novikov, B.K., Rudenko, O.V.** Generation of low-frequency harmonics in the field of a high-power amplitude-modulated wave 8-50976
- Novikov, E.A.** Spectral inequalities in a two-dimensional turbulence 8-69403
- Novikov, E.N.** *see* Zhuravlev, V.P. 8-53762
- Novikov, G.F., Sinitsyn, A.Ya., Kozynka, Yu.O.** Specific sensitivity of an NaI(Tl) scintillator in the recording of γ rays from radioactive ores 8-81449
- Novikov, G.G., Rubtsov, L.N., Tsygankov, S.F.** The influence of geomagnetic field on meteor plasma behaviour 8-61814
- Novikov, I.D.** Measurement of the parallaxes of objects at cosmological distances 8-53796
- Novikov, I.D.** *see* Doroshkevich, A.G. 8-65728
- Novikov, I.I., Goncharov, V.G., Roschupkin, V.V., Semashko, N.A., Chernyak, L.I., Yuernyakov, M.D., Yudolovich, M.D.** A study of the thermal and electro-physical properties of steel stampings of increased heat resistance 8-51698
- Novikov, I.I., Portnoi, V.K.** Superplasticity of metallic materials with an ultrafine-grained structure 8-84930
- Novikov, I.I., Proskurnov, V.B., Chebanov, A.F.** Experimental apparatus for simultaneous measurement of velocity of longitudinal and transverse ultrasonic waves at high temperatures 8-59213
- Novikov, I.I., Roshchupkin, V.V., Lyakhovitskii, M.M.** The Joule-Thompson effect in cesium vapor 8-71420
- Novikov, I.I., Roshchupkin, V.V., Lyakhovitskii, M.M.** Calculation of some thermodynamic properties of cesium vapor using experimental data on the Joule-Thomson effect 8-94886
- Novikov, I.I., Shnyrev, G.D., Klimov, K.M., Burkhanov, Yu.S.** Interactions of classical charges in the electron plasma of a crystal 8-79561
- Novikov, I.I.** *see* Kim, P.T. 8-80574
- Novikov, I.I.** *see* Portnoi, V.K. 8-60709
- Novikov, K.N., Shvedova, A.A., Tyurin, V.A., Shukolyukov, S.A., Kagan, V.Ye.** Role of the lipid composition in the kinetics of the free radical oxidation of the lipids in the membranes of photoreceptors 8-80872
- Novikov, L.N., Votyakov, S.L., Putyrskii, V.P.** Effect of inhomogeneities in static and alternating fields on magnetic resonance line shape in gases 8-50491
- Novikov, L.N.** *see* Golik, L.L. 8-60130, 8-76175
- Novikov, L.S.** *see* Tulinov, V.F. 8-69575
- Novikov, M.A.** *see* Belyaev, Yu.N. 8-59132
- Novikov, M.A.** *see* Gusev, M.Ye. 8-74994
- Novikov, N.E.** *see* Tatarinova, N.V. 8-51389
- Novikov, N.N., Rudenko, O.V.** Features of the motion of individual surface dislocation semi-loops in sodium chloride crystals 8-51542
- Novikov, N.N., Rudenko, O.V.** Influence of prestart loading and nature of the ensemble on the motion of dislocation half-loops in KCl crystals 8-71745
- Novikov, N.P.** Centers of generation of destructive mechanical cracks in polymethyl methacrylate 8-68782
- Novikov, P.A., Lyubin, L.Ya., Balakhonova, V.I.** Heating of thin-wall shells of revolution 8-67003
- Novikov, P.A.** *see* Smol'skii, B.M. 8-59473
- Novikov, S.A., Chernov, A.V.** Effect of critical shear stresses behind the front of a shock wave on the formation of fragments 8-51128
- Novikov, S.A.** *see* Kashae, Yu.G. 8-51139
- Novikov, S.A.** *see* Vengrinovich, V.L. 8-86309
- Novikov, V.A., Okun, L.B., Shifman, M.A., Vainshtein, A.I., Voloshin, M.B., Zakharov, V.I.** Charmonium and gluons 8-62362
- Novikov, V.A., Shifman, M.A., Vainshtein, A.I., Zakharov, V.I.** Quantum chromodynamics and charm photoproduction 8-58169
- Novikov, V.A.** *see* Vainshtein, A.I. 8-82157
- Novikov, V.D.** *see* Belyi, V.V. 8-73569
- Novikov, V.D.** *see* Odintsova, I.N. 8-69771
- Novikov, V.K., Strakhov, V.I., Gorbunova, K.G.** Electrical conductivity of stabilized ZrO_2 in contact with LnCrO_3 8-76071
- Novikov, V.M., Pomashova, P.I.** Extending the measurement range of fluxmeter type M19 8-57993
- Novikov, V.M., Rachev, L.A.** Motion of a dielectric in a travelling electric field 8-50685
- Novikov, V.M.** *see* Blinkin, V.L. 8-66365
- Novikov, V.N., Sushkov, O.P., Khrplovliv, I.B.** Faraday effect and nonconservation of parity in M1 transitions in bismuth 8-82805
- Novikov, V.U.** *see* Shaulov, A.Yu. 8-51450
- Novikov, V.V.** *see* Dul'nev, G.N. 8-79982, 8-83209
- Novikov, V.Ya.** *see* Maktaz, I.P. 8-57058
- Novikov, Yu.A., Zoteev, V.S.** Fatigue crack propagation in steels with different yield strengths 8-52987
- Novikova, A.N.** *see* Balenko, V.G. 8-88783
- Novikova, E.A.** *see* Kushner, L.B. 8-84873
- Novikova, G.V., Erokhina, E.V., Kurt, V.G., Moskalenko, E.I., Titarchuk, L.G., Sheffer, E.K.** Observations of X-ray sources in the region of the galactic center and in the constellation Cygnus 8-54079
- Novikova, K.P., Ulyanov, K.N.** Probe diagnostic of high pressure non-stationary plasma 8-63598
- Novikova, N.N.** *see* Nel'son, K.V. 8-76746
- Novinskii, N.A., Zhilkin, V.M., Evseev, I.I.** Quartz thermometer with oscillator based on field-effect transistors 8-77906
- Novinskii, N.A., Zhilkin, V.M., Evseev, I.I.** Quartz thermometer with a field-effect transistor oscillator 8-81967
- Novion, C.-H.de** *see* de Novion, C.-H.
- Novion, C.H.de** *see* de Novion, C.H.
- Novitskii, V.V.** *see* Belotserkovskii, S.M. 8-67079
- Novo, G.** *see* Zanella, G. 8-92699
- Novobrantsev, I.V.** *see* Napartovich, A.P. 8-58994
- Novokhatskii, I.A.** *see* Arkharov, V.I. 8-95172
- Novokshenova, A.N.** *see* Rybalko, F.P. 8-60706
- Novoseller, D.E.** Partial-wave analysis including π exchange for $\pi\text{N} \rightarrow \text{N}\pi\pi$ in the c.m. energy range 1.65-1.97 GeV 8-66148
- Novoseller, D.E.** Analysis of decay of πN resonances into $\text{N}\pi\pi$ channels 8-66149
- Novoseller, D.E.** *see* Horn, D. 8-66099
- Novoselov, G.P., Komarov, E.V., Pastushkov, B.G.** High-temperature reactions between Zr+1% Nb and compacted uranium dioxide 8-66344
- Novoselov, S.K.** *see* Vaninov, V.L. 8-87978
- Novoselova, A.A., Sizov, A.A., Timofeev, N.A.** On the existence of the ranked interaction between the atmosphere and ocean on scales less than a semi-diurnal one 8-77260
- Novoselova, G.I.** *see* Borishanskii, V.M. 8-55643
- Novotna, P.** *see* Dryak, P. 8-50442
- Novotna, P.** *see* Hospes, M. 8-53302
- Novotny, J.L.** *see* Lewis, G.B. 8-90876
- Novotny, M.** *see* Somoano, R.B. 8-68023
- Novotny, M.** *see* Tsuda, T. 8-61069, 8-61085
- Novotny, V.** The height dependence of the error in ambipolar diffusion coefficient measurement 8-88952
- Novotortsev, V.M.** *see* Il'in, V.K. 8-52197
- Novozhikov, V.I.** *see* Kozlov, S.I. 8-69569
- Novozhilov, N.N.** *see* Zorev, N.N. 8-53046
- Novozhilov, V.I.** *see* Kozlov, S.I. 8-73566
- Novozhilova, V.N.** *see* Golovanova, N.F. 8-58285
- Nowacki, J.P.** Green functions for a hemitropic micropolar continuum 8-49661
- Nowacki, J.P.** Linear and surface defects in Cosserat's medium 8-83813
- Nowaczek, H.** *see* Durski, Z. 8-59798
- Nowak, B.** *see* Kwapiulinski, J. 8-92960
- Nowak, G., Borst, W.L., Fricke, J.** Lifetime determination of the $\text{O}(^3\text{S})$ metastable state via 1356-Å radiation using a time-of-flight technique 8-74614
- Nowak, G.** *see* Babecki, J. 8-58269, 8-62524
- Nowak, G.** *see* Borst, W.L. 8-58797
- Nowak, H.-J., Leitz, H., Buckel, W.** Structure of amorphous metallic films of Ge-Cu system 8-95391
- Nowak, R.** *see* Davis, D.H. 8-70407

- Nowak, R.J.**, Armstrong, J., Davis, D.H., Miller, D.J., Tovee, D.N., Bertrand, D., Goossens, M., Vanhomwegen, G., Wilquet, G., Abdullah, M., Bedford, N.H., Ciborowski, J., Major, J.V., Zakrzewski, J.A., Kielczewska, D., Tymieniecka, T., Rondio, E. Charged Σ hyperon production by K^- meson interactions at rest 8-78213
- Nowak, S.** *see* Kirk, H.G. 8-82252
- Nowak, S.** *see* Otter, G. 8-82251
- Nowak, W.** Application of scalar Helmholtz equation to light guides 8-50919
- Nowak, W.** *see* Fitzer, E. 8-85025
- Nowakowski, J.**, Trautman, A. Natural connections on Stiefel bundles are sourceless gauge fields 8-58118
- Nowakowski, J.** *see* Moroson, H. 8-77086
- Nowakowski, T.** *see* Jezowska-Trzebiatowska, B. 8-80135
- Nowick, A.S.** *see* Young, F.W., Jr. 8-87827
- Nowicki, A.A.** A quantum-mechanical derivation of the time-energy uncertainty relation 8-73894
- Nowicki, L.** *see* Kordyasz, A. 8-86711
- Nowicki, P.** *see* Huttner, W. 8-78683
- Nowicki, R.S.**, Wang, I. Improvement of the diffusion barrier properties of RF-sputtered molybdenum 8-71887
- Nowik, I.** *see* Brown, D.K. 8-52402
- Nowik, I.** *see* Felner, I. 8-76228, 8-87648
- Nowinski, J.L.** Reflection of acoustic waves at the interface of two highly stressed elastic half-spaces 8-63213
- Nowinski, J.L.** Theory of thermoelasticity with applications 8-79219
- Nowitzki, A.** *see* Senske, W. 8-52555
- Nowlin, W.D., Jr.** *see* Gordon, A.L. 8-92831
- Nowotny, H.** *see* Tomiska, J. 8-51707
- Nowotny, J.**, Sikora, I. Work function measurement of nonstoichiometric oxides at high temperatures 8-64097
- Nowotny, J.**, Sikora, I. Surface electrical properties of the wustite phase 8-76133
- Nowotny, R.** Investigations of the variations of the information probability of gamma-cameras 8-88734
- Nowotny, R.**, Reiter, W.L. A comparison of commercial PIN-photodiodes for X-ray spectrometry 8-74531
- Noxon, J.F.** Tropospheric NO_2 8-85632
- Noxon, J.F.**, Norton, R.B., Henderson, W.R. Observation of atmospheric NO_2 8-88880
- Noya, H.** *see* Nakamura, H. 8-89884
- Noya, H.** *see* Ohnishi, H. 8-62550
- Noya, H.** *see* Sagara, K. 8-58292
- Noyce, J.R.** *see* Coursey, B.M. 8-80816
- Noye, B.J.** Wind-induced circulation and water level changes in lakes 8-77287
- Noyes, H.D.** Is there a nucleon-nucleon potential? 8-70456
- Noyes, H.P.** *see* Segre, E. (editor) 8-82263
- Noyes, R.W.** *see* Emslie, A.G. 8-77539
- Noz, M.E.** *see* Kim, Y.S. 8-61970, 8-61971
- Nozaki, H.**, Umehara, M., Ishizawa, Y., Saeki, M., Mizoguchi, T., Nakahira, M. Magnetic properties of V_2S_8 single crystals 8-88098
- Nozaki, T.** *see* Ito, T. 8-52665
- Nozaki, T.** *see* Whitmore, J. 8-74289
- Nozaki, T.** *see* Yamashita, S. 8-66170
- Nozawa, T.**, Yamamoto, T., Matsuo, Y., Ohya, Y. Relationship between total losses under tensile stress in 3 percent Si-Fe single crystals and their orientations near (110)[001] 8-76272
- Nozawa, T.** *see* Yamamoto, T. 8-60303
- Nozdryn, Yu.N.** *see* Andronov, A.A. 8-60336
- Noziers, P.** Reversals of the Earth's magnetic field: an attempt at a relaxation model 8-85480
- Noziers, P.** *see* Iche, G. 8-49768
- Nozoe, O.** *see* Matsudo, K. 8-64559
- Nozue, Y.**, Itoh, T., Ueta, M. Resonant Raman scattering under two-photon excitation of excitonic molecules in CdS 8-52486
- Nozue, Y.**, Udoguchi, T., Asada, Y., Mitsuhashi, S. An experimental study on cyclic strain induced creep, relationship between different modes of stress and strain superposition 8-60733
- Nriagu, J.O.**, Coker, R.D. Isotopic composition of sulphur in atmospheric precipitation around Sudbury, Ontario 8-81361
- Nriagu, J.O.**, Harvey, H.H. Isotopic variation as an index of sulphur pollution in lakes around Sudbury, Ontario 8-57228
- Nshanyan, M.A.** *see* Arakelyan, S.M. 8-90457
- Nubbemeyer, H.**, Wende, B. Determination of Ar(I) and Ar(II) transition probabilities based on improved branching ratio measurements (comparison with LTE based results) 8-66514
- Nucho, R.N.**, Madhukar, A. Tight-binding study of the electronic structure of the InAs-GaSb (001) superlattice 8-95350
- Nucho, R.N.**, Ramos, J.G., Wolff, P.A. Chemical-bond approach to the electric susceptibility of semiconductors 8-51922
- Nucho, R.N.**, Ramos, J.G., Wolff, P.A. Chemical bond approach to the electric susceptibility of semiconductors. II 8-87931
- Nucker, N.** Phonon density of states of lanthanum in the DHCP and FCC phases 8-67791
- Nuckolls, J.H.** Inertial confinement fusion targets 8-50299
- Nuckolls, J.H.** *see* Rosen, M.D. 8-58481
- Nuckolls, J.H.** *see* Slivinsky, V.W. 8-59672
- Nudel'man, I.M.**, Tsesler, L.B., Kalinin, V.A., Gimpel'son, V.B., Khatipova, S.V. An ultrasonic echo-pulse thickness gauge 8-49797
- Nudelman, S.** *see* Frost, M.M. 8-69208
- Nudelman, S.** *see* Roehrig, H. 8-69209
- Nudelman, S.** *see* Seeley, G.W. 8-73234
- Nuese, C.J.** *see* Kressel, H. 8-66826
- Nuese, C.J.** *see* Olsen, G.H. 8-95345
- Nuhn, B.**, Peter, G. Comparison of classical and numerical evaluation of Langmuir probe characteristics at low plasma densities 8-63592
- Nuhrenberg, J.** *see* Lortz, D. 8-59651
- Nuismer, R.J.**, Labor, J.D. Applications of the average stress failure criterion. I. Tension 8-88519
- Nuismer, R.J.**, Sendeckyj, G.P. On the changing order of singularity at a crack tip 8-59345
- Nukui, A.**, Tagai, H., Morikawa, H., Iwai, S. Structural study of molten silica by an X-ray radial distribution analysis 8-67651
- Nukui, K.** *see* Nagao, S. 8-55009
- Nul'man, A.Yu.** *see* Fain, A.M. 8-59260
- Numano, M.** On the collisional effects on low frequency electromagnetic wave propagation in plasmas 8-75349
- Numano, M.** Influence of electron-density variation on the population distributions of excited atoms in a plasma 8-87431
- Numano, M.** Electrical dissipation effects on propagation of magneto-hydrodynamic waves in anisotropic media 8-87445
- Numao, T.**, Nakayama, H., Shibata, T.A., Kuno, Y. High spin states above the 8^+ isomer in ^{92}Mo 8-89786
- Numao, T.** *see* Chiba, R. 8-78320
- Numao, T.** *see* Yamazaki, T. 8-54695
- Numata, H.**, Haruyama, S. Corrosion of nickel in LiCl-KCl eutectic melt containing nitrate ion 8-92398
- Numata, M.** *see* Chishaki, T. 8-92861
- Numata, M.** *see* Yang, S.D. 8-96251
- Numrich, R.W.**, Truhlar, D.G. Detailed study of the interaction of covalent and ionic states in collisions of Na and K with H 8-50613
- Numrich, S.K.** Low-frequency sound propagation in the marginal ice zone of the Greenland Sea 8-85567
- Nunally, W.C.**, Brousseau, A.T. Air driven fiber optic coupled pulser system for ZT-40 [initiating HV capacitor banks and circuits 8-54943]
- Nunen, J.W.G.** *van* *see* van Nunen, J.W.G.
- Nunes, J.E.** *see* Itzkan, I. 8-57370
- Nunez, A.L.** *see* Blanc, S. 8-65321
- Nunez, P.** The dipole layer as a model for scalp potentials 8-77035
- Nunez, P.L.**, Reid, L., Bickford, R.G. The relationship of head size to alpha frequency with implications to a brain wave model 8-69035
- Nunez Reguerio, M.** *see* Haen, P. 8-80088
- Nunn, K.** *see* Bamford, D. 8-73329
- Nunnally, R.L.** *see* Hollis, D.P. 8-69018
- Nunnally, W.C.**, Boicourt, G.P. Design of the ZT-40 power crowbar system 8-55033
- Nunnally, W.C.** *see* Hammer, C.F. 8-54989
- Nunnally, W.C.** *see* Hansborough, L.D. 8-55006
- Nunnally, W.C.** *see* Melton, J.G. 8-55036
- Nunnelley, L.**, Thomas, T.D. A classical microscopic model of heavy-ion reactions 8-66298
- Nunome, K.** *see* Iwasaki, M. 8-76839
- Nunomura, S.**, Higo, Y., Seto, K. Direct measurement of plastic zone in side grooved fracture toughness specimens 8-68864
- Nunziato, J.W.**, Drumheller, D.S. The thermodynamics of Maxwellian materials 8-73950
- Nunziato, J.W.**, Kennedy, J.E., Walsh, E.K. The behavior of one-dimensional acceleration waves in an inhomogeneous granular solid 8-87288
- Nunziato, J.W.**, Walsh, E.K. Small-amplitude wave behavior in one-dimensional granular solids 8-59339
- Nunziato, J.W.**, Walsh, E.K. Addendum: On the influence of void compaction and material non-uniformity on the propagation of one-dimensional acceleration waves in granular materials 8-83280
- Nunziato, J.W.**, Walsh, E.K. One-dimensional shock waves in uniformly distributed granular materials 8-83285
- Nur, A.**, Zvi Ben-Avraham The Eastern Mediterranean and the Levant: tectonics of continental collision 8-69319
- Nurai, K.** *see* Nakagawa, M. 8-91015
- Nurakhmetov, I.** On the existence of interstitial potassium ions associated with interstitial bromide ions in KBr X-rayed at 80K 8-75655
- Nurakhmetov, T.N.**, Gindina, R.I., Osmirin, V.S., Elango, A.A. Efficiency of the creation of X_2^- centres in X-rayed alkali halides 8-71731
- Nuraliev, N.E.** *see* Balabekov, A.I. 8-95548
- Nurdinov, L.Z.** *see* Balabekov, A.I. 8-95548
- Nuriev, B.R.** *see* Agalarov, D.G. 8-55612
- Nuritdinov, S.N.** *see* Antonov, V.A. 8-53992
- Nurmia, M.** *see* Baisden, P.A. 8-82282
- Nurmikko, A.V.** *see* Jamison, S.A. 8-79074
- Nurse, H.L.** *see* Lindley, J.P. 8-78942
- Nurushev, S.** *see* Fidecaro, G. 8-66157
- Nurzynski, J.** *see* Aniol, K.A. 8-78397
- Nusinov, A.A.** *see* Ivanov-Kholodnyy, G.S. 8-69567
- Nussbaum, A.** Teaching of advanced geometric optics 8-77638
- Nussbaum, G.H.**, Cathers, A.R. Production of the excited OH radical in collisions of 50-250 keV He^+ , O^+ , N_2^+ , O_2^+ , and Ar^+ ions with H_2O molecules in water vapor 8-56890
- Nussbaum, M.** *see* Baum, L. 8-89758
- Nussbaum, M.** *see* Block, M. 8-93914
- Nussbaumer, H.** *see* Bockmann, K. 8-93912
- Nussinov, M.D.**, Chernyak, Y.B., Ettinger, J.L. Model of the fine-grain component of Martian soil based on Viking lander data 8-85882
- Nussinov, M.D.**, Vekhov, A.A. Formation of the early Earth regolith 8-85698
- Nussinov, S.** *see* Herbst, I. 8-58187
- Nusupov, K.Kh.** *see* Grigor'eva, G.M. 8-71776
- Nusupov, K.Kh.** *see* Tamendarov, M.F. 8-55898
- Nutsch, J.** *see* Muller, K. 8-71243
- Nutt, W.L.**, McCullough, R.W., Brady, K., Shah, M.B., Gilbody, H.B. Electron capture by He^{2+} ions in collisions with H and H_2 at impact energies below 10 keV 8-50633
- Nutt, W.T.** *see* Franco, V. 8-70502
- Nutt, W.T.** *see* Liou, M.K. 8-89730
- Nuttall, J.**, Nutting, J. Structure and properties of heavily cold-worked fcc metals and alloys 8-88502
- Nuttall, K.** *see* Wilkins, B.J.S. 8-80630
- Nuttall, R.L.** *see* Goldberg, R.N. 8-53242
- Nutting, J.** *see* Nuttall, J. 8-88502
- Nutting, J.** *see* Weaver, L. 8-52818
- Nuvolone, R.** *see* Boiziau, C. 8-95642
- Nuyts, R.**, Phariseau, P. The influence of the Frenkel excitons in molecular crystals on the elastic differential scattering cross section for the low-energy-electron diffraction 8-51398
- Nuyts, R.**, Phariseau, P. The influence of the bulk Frenkel excitons in a molecular crystal on the low-energy-electron diffraction in the specular direction 8-51399
- Nuyts, W.** *see* De Brouckere, L. 8-56053
- Nuzhdin, V.V.** Multiphase frequency-measuring transducers with saturating transformers 8-77893
- Nuzzo, S.** *see* Alibrán, P. 8-50026
- Nuzzo, S.** *see* Erriguez, O. 8-78170, 8-82195
- Nwokedi, R.E.** *see* Garlick, G.F.J. 8-50852, 8-80405
- Nyaiesh, A.R.**, Steckelmacher, W., Lucas, M.W. Energy loss of fast H_2^+ molecules in solids. II 8-79653
- Nyavro, V.F.** *see* Nazhalov, A.I. 8-75974, 8-84121
- Nyberg, B.** The crystal structure of $(\text{NH}_4)_2[\text{Cu}(\text{H}_2\text{O})_6][\text{CuSO}_4]_4$ 8-55839
- Nyberg, G.L.** *see* Carlson, T.A. 8-50523, 8-74959
- Nyborg, W.L.**, Gershoy, A., Miller, D.L. Interaction of ultrasound with simple biological systems 8-61214
- Nychas, S.G.** *see* Brodkey, R.S. 8-59379
- Nydahl, J.E.** *see* Millsaps, K. 8-55548
- Nye, J.F.** *see* Thorndike, A.S. 8-77733
- Nyeland, C.**, Billing, G.D. Rotational relaxation of homonuclear diatomic molecules by classical trajectory computation 8-62880
- Nyeland, C.** *see* Lies-Nielsen, I. 8-63524
- Nygaard, K.J.**, Corbin, R.J., Jones, J.D. Two-step photoionization of potassium atoms 8-66616
- Nygaard, K.J.**, Fletcher, J., Hunter, S.R., Foltyn, S.R. Electron drift velocities in helium-fluorine gas mixtures 8-63061
- Nygaard, K.J.**, Hunter, S.R., Foltyn, S.R. Transport and attachment processes in fluorine-rare gas mixtures 8-59542
- Nygaard, K.J.** *see* Corbin, R.J. 8-68884
- Nygards, M.-E.**, Hulting, J. Recognition of ventricular fibrillation utilizing the power spectrum of the ECG 8-81032
- Nyholm, R.**, Berndtsson, A., Nilsson, R., Hedman, J., Nordling, C. Intermediate X-ray sources for ESCA 8-53301
- Nyi, C.A.** *see* Hochstrasser, R.M. 8-80323
- Nylund, K.** *see* Koch, A.A. 8-89506
- Nymeyer, A.** *see* Guttman, A.J. 8-60290
- Nymmik, R.A.** *see* Basina, Yu.V. 8-93063
- Nysen, P.A.**, Scully-Power, P., Browning, D.G. Sound propagation through an East Australian Current eddy 8-65322
- Nystrom, B.** *see* Rooth, J. 8-84547

- Nystrom, C. The use of the ring gap sizer for characterization of particle shape in the sieve range 8-84732
- Nystrom, G. see Levine, M.W. 8-58971
- Nyung Lee Dong see Dong Nyung Lee
- Nyvit, J., Karpinski, P. Determination of individual rate constants of reaction and diffusion steps from over-all crystal growth coefficient 8-59773
- Nyvit, J., Mullin, J.W. Design of batch agitated crystallizers 8-60558
- O Chun-Sing see Chun-Sing O
- Oakes, M.E. see Skipping, C.R. 8-83522
- Oakes, T.W. see Eldridge, J.S. 8-89994
- Oaks, S.M. see Olshansky, R. 8-71198
- Oba, K. see Yumura, S. 8-88685
- Oba, Y. see Tsunoda, T. 8-79859
- Obada, A.-S.F., Abu-Sitta, A.M.M. Electric- and magnetic-dipole contributions to the reaction field theory 8-94215
- O'Bannon, W. see Chimoskey, J.E. 8-73295
- Obara, M., Nishida, N., Morimoto, M., Fujioka, T. Observation of rotational population transfer effect for an HF chemical laser 8-79013
- Obara, M. see Doyama, M. 8-55792
- Obayashi, H. see Adati, K. 8-55007
- Obayashi, H. see Watari, T. 8-83604
- Obayashi, T. see Watanabe, Y. 8-61646
- Obbink, J.H., van Miltenburg, J.C., van den Berg, G.J.K. An isothermal displacement calorimeter for positive excess enthalpies 8-89483
- Ob'edkov, A.G. see Dudkin, L.D. 8-52019
- Obedkov, V.D. Asymmetry in scattering of a spin-1 particle by a non-central field 8-55214
- Ob'edkov, V.D., Samokhin, A.N. Polarization phenomena in an oriented helium plasma 8-70922
- Ob'edkov, V.D., Van der Wiel, M.J. Asymmetry and spin polarisation in scattering of electrons by one-electron atoms 8-58820
- Obelevskaya, K.M. see Kochan, V.A. 8-70124
- Obenshain, F.E. see Fink, J. 8-95536
- Ober, J.K., Leonhard, J., Ogorkiewicz, A. On the head manipulator for bilateral shoulder disarticulated children 8-53578
- Oberacker, V. see Muller, B. 8-50198
- Oberacker, V. see Reinhardt, J. 8-93833
- Oberg, J.E. The Cosmos 929 enigma 8-85819
- Oberg, S.G. see Satir, B.H. 8-56958
- Oberhammer, H. An electron diffraction study of perfluorooxepentane, $C(CF_3)_4$ 8-78810
- Oberhansli, R. see Dietrich, V. 8-65254
- Oberhauser, R. see Gerwien, U. 8-68955
- Oberhofer, M. High-level photon dosimetry with thermoluminescent materials 8-74503
- Oberhammer, H. see Faber, M. 8-82276
- Oberhammer, H. see Guyer, H. 8-70449
- Oberlack, H. see Brandelick, R. 8-62416
- Oberle, R. see Guntherodt, H.-J. 8-95280
- Oberlin, A., Villey, M., Combaz, A. Pyrolysis mechanism as studied by electron microscopy, DTA, IR and ESR 8-56593
- Oberlin, A. see Inagaki, M. 8-60687
- Oberlin, M., Goma, J., Bujor, M. Work function of heat-treated thin carbon films 8-64563
- Oberman, C. see Guzdard, P.N. 8-75297
- Oberman, C. see Liu Chen 8-83552
- Obermayer, H.A. see Kuhl, J. 8-71109
- Obermeier, E., Schaber, A. Experimental investigation of heat transfer from transverse finned tubes with longitudinal flow 8-94731
- Obersen, R. see Adam, J. 8-71473
- Oberst, E.F. Analysis of three-phase power-supply systems using computer-aided design programs 8-54959
- Obianyor, D.F., Miller, K.J. The effect of stress history on fatigue crack retardation behaviour 8-64627
- Obinata, T. see Wada, M. 8-69998
- Oblikowski, T. see Wolniewicz, L. 8-58573
- Oblivantsev, A.N. see Borisov, B.A. 8-68961
- Oblow, E.M. see Weisbin, C.R. 8-50239
- Obmoin, B.I. see Gabuda, S.P. 8-87645
- Obmoin, B.I. see Varnek, V.A. 8-88236
- Obnovlenskii, P.A. see Kirillov, S.E. 8-91036
- Obnovlenskii, P.A. see Sokolov, G.A. 8-59523
- Obokata, T., Uchishiba, H., Asama, K. Three-fold symmetrical bubble properties in ion-implanted garnet films subjected to a rotating in-plane magnetic field 8-64243
- Obolenskii, M.A. see Balla, D.D. 8-84338
- Obolonchik, V.A. see Fedorchenko, V.P. 8-84243
- Obradovic, M., Milic, A., Serbanovic, J. The STV-4 counting set 8-78590
- Obradovich, J.D. see Berggren, W.A. 8-77201
- Obrant, G.Z. see Kravtsov, A.V. 8-50046
- Obrazovskii, E.G. see Dudnikov, V.G. 8-71503
- Obraztsov, G.V. see Guba, B.S. 8-66836
- Obraztsov, V.F. see Golovkin, S.V. 8-78218, 8-89919
- Obraztsov, V.V. see Selishcheva, A.A. 8-68981
- Obrecht, H. see Hutchinson, J.W. 8-56719
- Obregon, O., Chauvet, P. Exact solution to radiation-filled Brans-Dicke closed pace cosmology 8-93488
- Obregon, O.J., Pimentel, L.O. Exact cosmological solution with particle creation in JBD theory 8-96576
- O'Brien, E.E., Dopazo, C. Behavior of conditioned variables in free turbulent shear flows 8-94669
- O'Brien, G. see Hogan, P.A. 8-89374
- O'Brien, J. see Moore, D. 8-88836
- O'Brien, J.F. see Barlow, R.T. 8-54866, 8-70592
- O'Brien, J.J., Adamec, D., Moore, D.W. A simple model of upwelling in the Gulf of Guinea 8-88837
- O'Brien, J.J. see Baktash, C. 8-82269
- O'Brien, J.T. see Williamson, C.F. 8-66191
- O'Brien, P.N.S. New techniques in seismic exploration for oil 8-73541
- O'Brien, R.N., Kolny, H. An interferometric study of a convectionless steady state of concentration polarization 8-68896
- O'Brien, R.N. see Brett, A.C. 8-61020
- O'Brien, S.J. see Strong, D.F. 8-57200
- O'Brien, V.O., Ehrlich, L.W. Forced convection within straight noncircular ducts 8-90878
- O'Brien, W.D., Jr. The relationship between collagen and ultrasonic attenuation and velocity in tissue 8-61212
- Obriot, J. see Fondere, F. 8-62801
- Obrtlik, K., Michalicka, P., Cizek, A. Narrow component in the correlation annihilation spectrum of aluminium 8-64591
- Obrusnik, I., Kucera, J. The digital methods of peak area computation and detection limit in gamma-ray spectrometry 8-50433
- O'Bryan, H.M., Jr., Van Uiter, L.G., Kolb, E.D., Zydzyk, G. Thermal expansion of ZnO 8-75854
- Obshivalov, V.A. see Goryushkin, S.I. 8-77889
- Obst, B. see Amberger, E. 8-84341
- Obu, M. Kohn-Hulthen variational method for bound-state problems 8-62109
- Obukhov, A.A. see Andreeva, I.N. 8-95506
- Obukhov, A.I. see Bozhagov, B.A. 8-94041
- Obukhov, G.G. Improving the localization of magnetotelluric sounding 8-53754
- Obukhov, G.G. see Bubnov, V.P. 8-85475
- Obukhov, S.A. Giant negative magnetoresistance of deformed p-type InSb 8-87990
- Obukhov, V.V. Some classes of exact solutions of the Einstein equation. II 8-65825
- Obukhov, Yu.V. see Gordeev, V.A. 8-52416
- Obukhovskii, I.T. see Smirnov, Yu.F. 8-50015
- Obuszko, Z. see Dubiel, S.M. 8-76276
- Ocana, T. see Jacaman, M.J. 8-79866
- Ocellari, R., Quentrec, B., Brot, C. A 2-D molecular dynamics simulation of the effects of coulombic versus multipolar intermolecular potential for a fluid 8-75520
- Ocheklov, Yu.P. see Belovskii, M.N. 8-85927
- Ochi, J.A. see Sartorelli, J.C. 8-84477
- Ochi, K., Lu, B.-C.-Y. Determination and correlation of binary vapor-liquid equilibrium data 8-87781
- Ochi, K. see Yukutake, T. 8-96127
- Ochi, M., Ikemori, K. Minimum transport velocity of granular materials at high concentration in a horizontal pipe 8-90965
- Ochi, M., Matsuzawa, K. Reflection characteristics of open-cell polyurethane foam layers for ultrasound in air 8-83139
- Ochi, M. see Shimbo, M. 8-64714
- Ochi, T. see Ishigai, S. 8-90993
- Ochi, Y., Sasaki, S., Fujiki, M. Some investigations of fatigue-induced dislocation structures and fatigue hardening behaviors in polycrystalline pure aluminum 8-64624
- Ochiai, H., Takeuchi, S., Ohi, K. Digital analysis of LANDSAT images and applications 8-65404
- Ochiai, I. see Iwahashi, A. 8-75416
- Ochiai, J. see Tanasawa, I. 8-94559
- Ochkas, L.F. see Koval'chenko, M.S. 8-60599
- Ochkin, V.N., Savinov, S.Y. Measurement of the temperature of a gas in a glow discharge using electron vibration rotation spectra of molecules 8-71575
- Ochkin, V.N., Savinov, S.Y., Sobolev, N.N. Nonequilibrium rotational level distribution of $N_2(C^3\Pi)$ molecules in a gas discharge 8-86796
- Ochoa, R. see Thompson, P.J. 8-81230
- Ochs, G.R. see Ting-i Wang 8-65411
- Ochs, W. Results on $\pi\pi$ -scattering 8-62455
- Ochs, W. see Fesefeldt, H. 8-50018
- Ockels, W.J. The shape of the multiplicity distribution and the low-fold coincidence probabilities 8-54779
- Ockers, S.T. see Berger, A.S. 8-54403
- Ockey, C.H. see Cercek, L. 8-96013
- O'Connell-Bronin, A.A. see Lushchik, Ch.B. 8-72574
- O'Connell-Bronin, A.A. see Plekhanov, V.G. 8-52564
- O'Connell, D.C. see Henderson, B. 8-64006
- O'Connell, R.F. Rydberg states in strong electric and magnetic fields 8-78663
- O'Connell, R.F., Wigner, E.P. Position operators for systems exhibiting the spectral relativistic relation between momentum and velocity 8-89335
- O'Connell, R.F. see Lai-Him Chan 8-62370
- O'Connell, R.J. see Watt, J.P. 8-85507
- O'Connell, R.M. Cuts of lead potassium niobate, $Pb_2KNb_2O_{15}$, for surface acoustic wave (SAW) applications 8-71923
- O'Connell, R.M., Carr, P.H. Temperature compensated cuts of berlinite and β -eucryptite for SAW devices 8-60018
- O'Connell, R.W., Kingham, K.A. Two Zwicky compact galaxies with broad emission lines 8-73760
- O'Connell, W.J., Hanna, S.S. Giant E1 resonance in ^{16}O observed in the reaction $^{15}N(p,\gamma)^{16}O$ 8-66256
- O'Connell-Bronin, A.A. see Plekhanov, V.G. 8-72083
- O'Connor, C.J., Bhatia, S.N., Carlin, R.L., van der Bilt, A., van Duynveldt, A.J. Paramagnetic and antiferromagnetic properties of tris(ethylenediamine)nickel(II) nitrate 8-91877
- O'Connor, D. see Monster, A.W. 8-80869
- O'Connor, D.A. see Darlington, C.N.W. 8-79724
- O'Connor, D.A. see Martin, C.J. 8-76358, 8-76359
- O'Connor, M.K., Malone, J.F. Thyroid uptake measurements: the influence of gland depth, gland mass and lobe separation 8-61245
- O'Connor, M.K., Malone, J.F., Cullen, M.J. The influence of thyroid geometry on the response of LiF and $CaSO_4$ thermoluminescent discs to ^{131}I and ^{125}I irradiation 8-73250
- O'Connor, M.P., Smrz, P.K. Dirac particles in the Minkowski space with torsion 8-57824
- O'Connor, P.J. see Grimes, N.W. 8-76454
- Oczkowski, H.L. Thermoluminescence of $Ag(Cl,I)$ mixed crystals 8-68568
- Oda, A., Miyagawa, H. X-ray elastic constants of 18Cr-8Ni austenitic stainless steel 8-64575
- Oda, H., Yamamoto, H., Watanabe, H. On the shake-up satellite of $Co2p$ in $SrCoO_{3-x}$ 8-52617
- Oda, J., Yamazaki, K. On a technique to obtain an optimum strength shape of an axisymmetric body by the finite element method 8-51060
- Oda, J., Yamazaki, K., Kuroyanagi, O., Koshino, K. Fracture behavior of brittle circular disk under impact loading 8-88514
- Oda, M. see Iida, S. 8-78455
- Oda, M. see Ishida, S. 8-62358
- Oda, M. see Miyamoto, S. 8-57696
- Oda, M. see Nishimura, J. 8-61933
- Oda, M. see Tokuda, Y. 8-80005
- Oda, N., Sugiyama, T., Maihara, T., Okuda, H. Balloon observations of galactic infrared radiations 8-61924
- Oda, N. see Maihara, T. 8-81689
- Oda, S., Akagi, K., Kukimoto, H., Nakayama, T. Low-voltage cathodoluminescence of ZnS single crystals 8-52585
- Oda, T. see Horie, H. 8-54667
- Oda, Y., Nagano, H. Meissner effect in Cu backed by superconducting Nb and NbTi wires 8-64166
- Odagaki, T., Yonezawa, F. Homomorphic cluster coherent potential approximation for off-diagonal randomness 8-82873
- Odagaki, T. see Yonezawa, F. 8-82872
- Odajima, A. see Koseki, H. 8-63951
- Odajima, A. see Yamane, S. 8-83648
- Odajima, K. Effects of radial electric field on drift wave instability in a weakly ionized plasma 8-59568
- Odajima, K., Kimura, H., Maeda, H., Ohasa, K. Measurement of ion temperature in scrape-off layer with Katsuma probe 8-75418
- Odajima, K., Maeda, H., Shioh, M., Kimura, H., Yamamoto, S., Nagami, M., Sengoku, S., Sugie, T., Kasai, S., Azumi, M., Shimomura, Y. Radiation loss and power balance in DIVA 8-86684
- Odajima, K., Wakatani, M., Maeno, M., Fujisawa, N. Mode mixing of large scale fluctuations in JFT-2 Tokamak 8-67312
- Odajima, K. see Kimura, H. 8-79468
- Odajima, K. see Nagami, M. 8-79411, 8-86685
- Odajima, K. see Ohasa, K. 8-59691
- Odaka, K. see Matsuda, M. 8-66118, 8-70363, 8-74249
- Odaka, T. see Yamaguchi, R. 8-96241
- Oddershede, J. see Jorgensen, P. 8-58647, 8-62781
- Oddone, P. see Chadwick, G.B. 8-66175
- Oddone, P. see Gidal, G. 8-70412
- Oddone, P. see Scharre, D.L. 8-74275
- Odou, C. see Brun, P. 8-80939
- Odeblad, E. see Hoglund, A. 8-53339

- Odeblad, E.** see Larsson, S. 8-50590
- Odegard, M.E.** see Estill, R.E. 8-77190
- Odehnal, M.,** Petricek, V., Tichy, R., Tomasek, F. Low-level SQUID magnetometry of the human heart in a small ferromagnetic enclosure 8-92726
- Odehnal, M.** see Burget, J. 8-52378
- Odelius, H.** see Loddning, A. 8-68965
- Odell, E.L.G.** see Houghton, J.T. 8-81457
- Odell, J.A.,** Grubb, D.T., Keller, A. A new route to high modulus polyethylene by lamellar structures nucleated onto fibrous substrates with general implications for crystallization behaviour 8-75578
- O'Dell, S.L.,** Puschell, J.J., Stein, W.A., Owen, F., Porcas, R.W., Mufson, S., Moffett, T.J., Ulrich, M.-H. Coordinated photometric and spectroscopic observations of strong extragalactic 90 GHz sources 8-93440
- O'Dell, T.H.** Static wall structure in bubble films under large in-plane fields 8-76282
- Oden, J.T.** see Babuska, I. 8-73835
- Odette, G.R.,** Schwartz, D.M. Many-bodied displacement cascade simulation up to 1 keV 8-87711
- Odeyanko, B.N.,** Nigmatullin, R.S. Construction of spatial molecular models by means of a computer 8-86970
- Odian, A.** see Bunnell, K. 8-74258
- Odian, A.** see del Papa, C. 8-74264
- Odiijk, T.** Physical bound on the excluded-volume exponent of a polymer 8-66698
- Odiijk, T.** Electrostatic persistence length and its relation to a unified theory of polyelectrolytes in solution 8-95932
- Odiijk, T.,** Houwaart, C. On the theory of the excluded-volume effect of a polyelectrolyte in a 1-1 electrolyte solution 8-83716
- Odiijk, T.,** Mandel, M. The influence of chain-flexibility on the colligative properties of polyelectrolyte solutions 8-94962
- Oding, V.G.** see Vodakov, Yu.A. 8-59983, 8-87942
- Odinokov, V.A.** see Ostapchuk, N.V. 8-67006
- Odinokov, V.V.** see Minaichev, V.E. 8-60576
- Odintsov, V.I.** Transmission of an information signal in an induced-scattering amplifier with wideband pumping 8-83035
- Odintsov, V.V.** see Moiseenko, L.L. 8-60263
- Odintsova, I.N.,** Novikov, V.D. Spectral energy distribution of the ultraviolet radiation of a solar flare 8-69771
- Odintsova, N.K.,** Striganov, A.R. Isotope shift and parameters of deformation of tungsten nuclei 8-82694
- Odisho, I.H.** see Lowell, J. 8-88086
- Odler, I.,** Door, H. Tricalcium silicate formation by solid state reactions 8-56602
- Ododo, J.C.** The concentration dependence of the electronic specific heat of nearly and weakly ferromagnetic transition metal alloys 8-80158
- Ododo, J.C.,** Howarth, W. Magnetic inhomogeneity of PtNi alloys 8-56301
- Ododo, J.C.,** Rainford, B.D. Critical neutron scattering in the critical concentration region for the onset of ferromagnetism 8-72347
- O'Doherty, R.J.,** Probert, P.H., Shohet, J.L. 3-dimensional computer simulation of plasma confinement in a resonant RF cavity aided by a magnetic mirror: single particle trajectories 8-59648
- Odum, J.D.,** Li, Y.S., Stampf, E.J., Durig, J.R. Microwave, infrared, and Raman spectra conformation, dipole moment, and vibrational assignment of ethyldifluoroborane 8-90155
- Odum, J.D.** see Durig, J.R. 8-50544, 8-84586
- Odum, R.W.** see Schnitzer, R. 8-50612
- O'Donnell, C.M.,** Solie, T.N. Fluorometric and phosphorometric analysis 8-85220
- O'Donnell, K.,** Barklie, R.C., Henderson, B. EPR and optical absorption studies of radiation-produced defects in sodium β -alumina 8-95517
- O'Donnell, K.** see Barklie, R.C. 8-95515
- O'Donnell, M.,** Jaynes, E.T., Miller, J.G. General relationships between ultrasonic attenuation and dispersion 8-83135
- O'Donnell, T.** see Machado, D. 8-77288
- O'Donnell, W.J.** see Jaske, C.E. 8-60758
- O'Donohoe, M.R.** see Murphy, J.A. 8-54169
- O'Donovan, J.B.,** O'Reilly, W. Cation distribution in synthetic titanomaghemites 8-55856
- O'Donovan, J.B.,** O'Reilly, W. The preparation, characterization and magnetic properties of synthetic analogues of some carriers of the palaeomagnetic record 8-65276
- Odorico, R.,** Roberto, V. Fragmentation function for charmed quarks from neutrino data 8-62355
- Odou, G.,** More, M., Warin, V. Crystallographic study of the phase transition of benzil 8-55939
- Odulov, S.G.,** Sal'kova, E.N., Soskin, M.S., Sukhoverkhova, L.G. Removal of induced distortions in laser beam amplifiers by methods of dynamic holography 8-55326
- Odulov, S.G.** see Markov, V.B. 8-90394
- Odulov, S.G.** see Vinetskii, V.L. 8-90393
- Odutola, J.A.,** Dyke, T.R. Polarity of hydrogen-bonded complexes: nitrid acid and carboxylic acid dimers 8-74791
- Oe, I.** see Kawana, A. 8-71215
- Oe, K.,** Sugiyama, K. Orientation effects in the LPE growth of GaInAsP quaternary alloys 8-92203
- Oechsner, H.** Electron yields from clean polycrystalline metal surfaces by noble-gas-ion bombardment at energies around 1 keV 8-52611
- Oechsner, H.,** Schoof, H., Stumpe, E. Sputtering of Ta₂O₅ by Ar⁺ ions at energies below 1 keV 8-88397
- Oeder, R.,** Scharmann, A., Schwabe, D., Vitt, B. Growth and properties of PbWO₄ and Pb(WO₄)_{1-x}(MoO₄) mixed crystals 8-60566
- Oeder, R.** see Beyer, E. 8-64274
- Oegerle, W.R.** see Chevalier, R.A. 8-57606
- Oegerle, W.R.** see Hintzen, P. 8-69889
- Oehlberg, R.N.,** Scott, H.H. Sensitivity of peak cladding temperatures to loss-of-coolant accident reflood parameters 8-86639
- Oehler, H.** see Lutz, O. 8-94260, 8-94261, 8-94262
- Oehlinger, G.** see Evers, J. 8-91322
- Oehme, G.** see Predel, B. 8-52773
- Oelert, W.,** Djaloeis, A., Mayer-Boricke, C., Turek, P., Wiktor, S. Investigation of the (d,³Li) reaction on ¹⁶O at E_d=80 MeV 8-94013
- Oelert, W.** see Betigeri, M.G. 8-74372
- Oelert, W.** see Budzanowski, A. 8-82363
- Oelert, W.** see Djaloeis, A. 8-94020
- Oelgart, G.** see Kraak, W. 8-76120
- Oelgart, G.** see Stegmann, R. 8-67933
- Oelkers, E.** see Heller, A.S. 8-54827
- Oelrich, I.C.** see Struble, G.L. 8-66212
- Oepts, D.** see Barbian, E.P. 8-67432
- Oers, W.T.H.** van see van Oers, W.T.H.
- Oers, W.T.H.** van see Van Oers, W.T.H.
- Oertel, B.,** Kurze, H.J., Hauelsen, H. On silicide formation in thin molybdenum or tungsten films 8-84717
- Oertel, D.** see Stuart, A.E. 8-88710
- Oertel, G.,** Ernst, W.G. Strain and rotation in a multilayered fold 8-88823
- Oertel, H., Jr.** Oxygen dissociation relaxation behind oblique reflected and stationary oblique shocks 8-85159
- Oertel, H., Jr.** Steady and time dependent convection in a rectangular box 8-94706
- Oertel, H., Jr.,** Buhler, K. A special differential interferometer used for heat convection investigations 8-87419
- Oertzen, W.** von see von Oertzen, W.
- Oeschger, H.** see Siegenthaler, U. 8-61549
- Oeschler, H.,** Coffin, J.P., Engelstein, P., Gallmann, A., Sim, K.S., Wagner, P. Heavy-ion transfer reactions as a diffusion process 8-82382
- Oeseburg, B.** see Jansen, T.C. 8-81003
- Oeser, H.** see Seiler, W. 8-73477
- Oesterreicher, H.** Chaotic magnetic states in Berthollides 8-56330
- Oesterreicher, H.,** Bittner, H.F., Parker, F.T. Magnetic scatter state in Y₆(Mn_{0.75}Fe_{0.25})₂₃ 8-56350
- Oesterreicher, H.,** Misroch, M., Parker, F.T. Peculiarities of magnetisation behavior of ferrimagnetic systems (ErCo_{5-x}Ni_x) exhibiting giant intrinsic magnetic hardness 8-91896
- Oesterreicher, H.,** Parker, F.T. Exchange fluctuations and giant intrinsic magnetic hardness in SmCo_{5-x}Ni_x 8-56310
- Oesterreicher, H.,** Parker, F.T., Misroch, M. Influence of partial rare-earth substitution for Sm in the giant intrinsic magnetic hardness compound SmCo_{5-x}Ni_x 8-56347
- Oesterreicher, H.,** Parker, F.T., Misroch, M. Giant intrinsic magnetic hardness in RFe_{3-x}Ni_x (R=rare earth, x=4 to 5) 8-56354
- Oesterreicher, H.,** Parker, F.T., Misroch, M. Giant intrinsic magnetic hardness due to randomised crystal field interactions in SmNi_{5-x}Cu_x 8-68208
- Oesterreicher, H.,** Parker, F.T., Misroch, M. Analysis of giant intrinsic magnetic hardness in SmCo_{5-x}Ni_x 8-88146
- Oesterreicher, H.** see Foner, S. 8-68289
- Oestreicher, F.** see Heppke, G. 8-67643
- O'Fallon, N.** see Duffey, D. 8-85265
- Ofer, S.** see Bauminger, E.R. 8-52407
- Ofer, S.** see Werber, M.M. 8-76998
- Offenberger, A.A.** see Ng, A. 8-51345
- Offenhaus, M.J.** Modified rough sphere models, with application to sound absorption in gas mixtures 8-93597
- Offermann, D.,** Grossmann, K.U. Spectrometric measurement of atomic oxygen 63 μ m emission in the thermosphere 8-81474
- Offermann, D.** see Trinks, H. 8-77383
- Officer, V.C.** see Roos, P.G. 8-62535
- Oficjalski, J.,** Bialynicki-Birula, I. Collisions of gaussons 8-89357
- O'Foghluha, F.** see Johnson, G.A. 8-55108
- Ogahara, I.** see Ishikawa, M. 8-84729
- Ogale, S.B.,** Bhoraskar, V.N., Panat, P.V. Surface plasmon dispersion relation for spherical metal particles 8-84277
- O'Gallagher, J.J.** see Hovestadt, D. 8-85790
- Oganessian, Yu.Ts.,** Penionzhkevich, Yu.E., Man'ko, V.I., Polyansky, V.N. Elastic scattering of ⁴⁰Ca and ⁴⁸Ca by ²⁰⁸Pb nuclei 8-78404
- Oganesyan, K.O.** see Dorchoman, D. 8-78570
- Oganesyan, L.A.** see Kagan, B.A. 8-69372
- Oganesyan, R.S.** see Abrahamyan, M.G. 8-61915
- Oganesyan, S.G.** see Arutyunyan, V.M. 8-71018
- Oganesyan, S.M.** see Starostenko, V.I. 8-85718
- Oganesyan, S.V.** see Kazaryan, R.A. 8-71041
- Oganesyan, Yu.Ts.** see Apostolesku, S. 8-86562
- Oganyan, A.E.** see Lomonosov, M.I. 8-54231
- Ogasahara, Y.,** Kuroda, E., Fujii, K. Modeling of cardiac output control mechanism 8-69133
- Ogasawara, H.,** Hiura, J. Boson three-alpha model of ¹²C and effective inter-alpha forces 8-66232
- Ogasawara, M.** see Ohba, K. 8-67295
- Ogasawara, N.** see Inui, T. 8-64222
- Ogasawara, S.** see Takahashi, M. 8-88437
- Ogata, A.** see Suzuki, Y. 8-50366
- Ogata, H.,** Kanayama, K., Ohtani, M., Fujiwara, K., Abe, H., Nakayama, H. Diffusion of aluminum into silicon nitride films [MNOS structures] 8-51744
- Ogata, H.** see Fujiwara, K. 8-91356
- Ogata, H.** see Tanaka, M. 8-93930
- Ogata, H.** see Yamagata, T. 8-66190
- Ogata, S.** A study on charge-to-mass ratio of polydisperse droplets electrohydrodynamically produced 8-76931
- Ogatu, A.** see Matsuura, K. 8-55754
- Ogawa, A.** see Yamada, M. 8-57358
- Ogawa, H.** see Narisawa, I. 8-56708
- Ogawa, I.** see Kakimoto, A. 8-49864
- Ogawa, K.** Collective regularity provided by the shell model 8-50069
- Ogawa, K.,** Aoki, H. dHvA effect study of the effective cyclotron masses of the central and noncentral δ^+ orbits in lead 8-63968
- Ogawa, K.,** McCormick, A.R. Multimode fiber coupler 8-74970
- Ogawa, K.** see Aoki, H. 8-79921
- Ogawa, K.** see Kamae, T. 8-82215
- Ogawa, M.,** Broda, R., Zell, K., Daly, P.J., Kleinheinz, P. Lowest 2⁺ state in ⁶⁴Gd₈₂ and the energy gap at Z=64 8-82310
- Ogawa, M.** see Miyazaki, K. 8-78439
- Ogawa, S.** Thickness dependence of an amorphous overlayer Ge film on the electrical conductivity of ultrathin Pt films 8-72284
- Ogawa, S.** see Cohen, S.M. 8-61150
- Ogawa, S.** see Eisenberger, P. 8-68989
- Ogawa, S.** see Fukaya, K. 8-84108
- Ogawa, S.** see Maruyama, S. 8-87847
- Ogawa, S.** see Matsuda, M. 8-66118, 8-70363, 8-74249
- Ogawa, S.** see Nishihara, Y. 8-56409, 8-63950
- Ogawa, S.** see Shioyama, T. 8-70148
- Ogawa, T.** Angular dependence of Raman spectra of HfO₂ single crystals 8-72518
- Ogawa, T.,** Kanda, K. Lattice statistical aspects of electron correlation problems. Improvement of Gutzwiller approximation 8-84160
- Ogawa, T.,** Ogawa, T., Chao, K.A. Cluster-variation method for the momentum distribution in narrow bands 8-72060
- Ogawa, T.** see Kawai, Y. 8-87740
- Ogawa, T.** see Momma, N. 8-91350
- Ogawa, T.** see Moriya, K. 8-71743
- Ogawa, T.** see Murata, S. 8-63513
- Ogawa, T.** see Ogawa, T. 8-72060
- Ogawa, Y.** Structural characteristics and tectonisms around the microcontinent in the outer margin of the Paleozoic-Mesozoic geosyncline of Japan 8-81139
- Ogawa, Y.** see Makabe, T. 8-67549
- Ogawa, Y.** see Tsuji, M. 8-54845
- Ogawara, Y.** see Miyamoto, S. 8-57696
- Ogden, P.M.** see Reynolds, R.J. 8-93336
- Ogden, R.W.** Extremum principles in non-linear elasticity and their application to composites. I. Theory 8-51072
- Ogden, R.W.** Plane deformations of incompressible isotropic elastic solids: an integral equation formulation 8-51081
- Oggenfuss, A.** see Heinrich, F. 8-72634
- Ogi, S.** see Kudo, K. 8-55753
- Ogilbalov, P.M.,** Kregers, A.F. The deformation of polymer materials. A review 8-68749
- Ogielski, A.** see Lorenz, J. 8-80167
- Ogievetskii, V.I.,** Sokachev, E.S. Supercurrent 8-89633
- Ogievetsky, V.,** Tzeitlin, V. Exceptional gauge theories in 3x3 matrix formalism 8-70248
- Ogilvie, K.W.,** Durney, A., von Rosenvinge, T. Descriptions of experimental investigations and instruments for the ISEE spacecraft 8-85785
- Ogilvie, K.W.,** Scudder, J.D. The radial gradients and collisional properties of solar wind electrons 8-96374

- Ogilvie, K.W., Scudder, J.D., Doong, H. The electron spectrometer experiment on ISEE-1 8-85809
- Ogilvie, K.W. *see* Coplan, M.A. 8-85793
- Ogilvie, K.W. *see* Yeates, C.M. 8-77510
- Ogilvie, R.E. *see* Eser, E. 8-72023, 8-72726, 8-72918
- Oginets, O.V., Smirnov, V.B., Tolmachev, Yu.A. Difference between measured and theoretical values of the probability of spontaneous decay of a 3^3P helium level 8-50501
- Oginets, O.V. *see* Bagaev, S.A. 8-70942
- Ogino, F. *see* Mizushima, T. 8-90904
- Ogino, I. *see* Tsumura, K. 8-96141
- Ogino, K. *see* Hosono, K. 8-82343
- Ogino, K. *see* Nakamura, M. 8-54754
- Ogino, T. *see* Otsuka, T. 8-50909
- Ogino, Y., Amano, Y., Shibata, M. The effect of boron on hydrogen embrittlement of nickel 8-84973
- Ogishima, A. *see* Sakurai, T. 8-50771
- Ogita, N. *see* Ichimura, T. 8-75516
- Ogiwara, H., Yamamoto, H. Optical waveguide switch (3×3) for an optical switching system 8-55470
- Ogland, J.W. Mirror system for uniform beam transformation in high-power annular lasers 8-94403
- Ogle, J.C. *see* Vandermeer, R.A. 8-76694
- Ogle, W., Goldstone, P., Gruhn, C., Maggiore, C. Ionization energy loss of relativistic electrons in thin silicon detectors 8-55117
- Ogle, W. *see* Chasman, R.R. 8-78272
- Ognetova, Zh.N. *see* Galkin, A.A. 8-56596
- Ognev, R.K. *see* Shirokova, N.I. 8-60618
- Ogorelec, Z. *see* Vucic, Z. 8-75809
- Ogorkiewicz, A. *see* Ober, J.K. 8-53578
- O'Gorman, F.P. Poincare's conventionalism of applied geometry 8-86110
- O'Gorman, S.P. *see* McDonald, I.R. 8-71662
- O'Gorman, T. *see* Frankl, D.R. 8-72667
- O'Gorochoff, *see* Levy-Clement, C. 8-79991
- Ogorodnikov, S.N. Further comment on generalized single-component fluxes of particles of like charge 8-78877
- Ogorodnikov, V.V. *see* Topchyan, L.S. 8-67744
- Ogram, G.L. *see* Jen-Shih Chang 8-51280
- Ogren, H.O. *see* Corcoran, M.D. 8-50054
- Ogrin, Yu.F., Bondarenko, A.A. Investigation of an electronic phase transition in finely dispersed magnetite 8-91736
- Ogrin'sh, M.P. *see* Shteins, K.A. 8-73653
- Ogryzkov, V.M., Malikova, Kh.O. Certain legal problems of international cooperation within the IOLM framework 8-89422
- Oguchi, A., Kaieda, Y., Nobuki, M., Otaguchi, M. Mechanical properties of an Fe-Al-Si alloy under high pressure and high temperature 8-76711
- Oguchi, A., Nobuki, M., Otaguchi, M., Kaieda, Y. An apparatus for bending test under high pressure and high temperature 8-76795
- Oguchi, A. *see* Nobuki, M. 8-80615
- Oguchi, T., Ueno, Y. Curie point in a quenched bond model for the two dimensional lattice 8-56318
- Oguchi, T. *see* Muto, S. 8-64177
- Oguma, R. *see* Kitamura, M. 8-94107
- Oguma, R. *see* Matsubara, K. 8-94060
- Oguma, Y. Type 2572 digital thermometer: A wide temperature range is featured 8-65929
- Ogura, I. *see* Nagashima, S. 8-64473, 8-79903
- Ogura, J. *see* Kuriyama, I. 8-59835
- Ogura, K., Ohji, K., Honda, K. Influence of mechanical factors on the fatigue crack closure 8-67100
- Ogura, K. *see* Ohji, K. 8-52954, 8-92313
- Ogura, M. *see* Ikoma, T. 8-91759
- Ogura, T., McMahon, C.J., Feng, H.C., Jr., Vitek, V. Structure-dependent intergranular segregation of phosphorus in austenite in a Ni-Cr steel 8-84761
- Ogure, N. *see* Sakata, M. 8-92352
- Oguri, A. *see* Shimizu, H. 8-84533
- Oguri, Y. *see* Murakami, M. 8-83501
- Oguro, S. *see* Furuta, H. 8-63177
- Ogurtsov, S.I. *see* Kuznetsov, A.N. 8-65153
- Oguz, B. *see* Sumer, B.M. 8-51225
- Oguztoreli, M.N. *see* Stein, R.B. 8-53379
- Oh, B.H. *see* Baubillier, M. 8-93877
- Oh, B.W. *see* Shin, H.J. 8-79956
- Oh, B.Y. *see* Bust, C.P. 8-93909
- Oh, B.Y. *see* Whitmore, J. 8-74289
- Oh, C.H. Dyons in the Weinberg-Salam unified gauge theory 8-66066
- Oh, C.H., Murugesu, S. Self-duality and energy of solutions for the sourceless Yang-Mills field equation 8-66032
- Oh, H.L. *see* Neng-Ming Wang 8-67146
- Oh, S. *see* McIlwain, A. 8-70660
- Oh, S.G. *see* Ho, C.Y. 8-95284
- Oh, Y.S. *see* Panaro, V.A. 8-88739
- Oh Byung Hwan *see* Byung Hwan Oh
- Oh Chul-Han *see* Chul-Han Oh
- Oh Kong Ping *see* Kong Ping Oh
- Oh Shin Moo *see* Shin Moo Oh
- Oh Sung Dahm *see* Sung Dahm Oh
- Oh Youngie *see* Youngie Oh
- O'Hagan, J.B.O. *see* Bacon, F.M. 8-54505
- O'Halloran, R.J., Schaar, J.C., Smith, D.E. Rapid drop time on-line fast Fourier transform faradaic admittance measurements 8-92544
- O'Handley, R.C. Magnetostriction of transition-metal-metalloid glasses: Temperature dependence 8-91921
- O'Handley, R.C., Berger, L. Evidence supporting the split-band model from magnetostrictions of transition metal/metalloid glasses 8-95509
- O'Handley, R.C., Chou, C.-P. Magnetoelastic effects in metallic glasses 8-68352
- O'Hara, D. *see* Tyson, B.J. 8-81289
- Ohara, K. Temperature and friction speed dependence of frictional electrification between polymer films. Contribution of molecular motion of polymers to frictional electrification 8-60190
- O'Hara, M.J. Thermal history of magmas; the low pressure reference point 8-65244
- O'Hara, M.J., Yarwood, G. High-pressure temperature point on an Archaean geotherm, implied magma genesis by crustal anatexis, and consequences for garnet-pyroxene thermometry and barometry 8-65236
- O'Hara, M.J. *see* Howells, S. 8-65283
- Ohara, Y. Numerical simulation for design of a two-stage acceleration system in a megawatt power ion source 8-94941
- Ohara, Y., Arakawa, Y., Horike, H., Kondoh, U., Matsuda, S., Ohga, T., Okumura, Y., Shirakata, H. Ion source development for JT-60 neutral beam injector 8-54912
- O'Hare, B.P. *see* Griffith, W.P. 8-62803
- O'Hare, P.A.G. *see* Johnson, G.K. 8-88654
- O'Hare, T.B. *see* Elgin, J.N. 8-66870
- O'Hare, T.B. *see* New, G.H.C. 8-94406
- Ohasa, K., Maeda, H., Yamamoto, S., Nagami, M., Ohtsuka, H., Kasai, S., Odajima, K., Kimura, H., Sengoku, S., Shimomura, Y. Ion sputtering, evaporation and arcing in Diva 8-59691
- Ohasa, K. *see* Nagami, M. 8-86685
- Ohasa, K. *see* Odajima, K. 8-75418
- Ohashi, G. A quantitative comparison between finite element solution and experimental results of transient, unconfined groundwater flow 8-92871
- Ohashi, H. *see* Shoda, K. 8-54740
- Ohashi, M. *see* Ishida, K. 8-89070
- Ohashi, M. *see* Kaneko, T. 8-68058
- Ohashi, N., Kyogoku, T., Matsuo, S. Location of the ν_2 and ν_3 fundamental vibrations of ethylene- H_2 8-74669
- Ohashi, T. *see* Koterazawa, R. 8-72842
- Ohashi, Y., Kawashima, K. Plastic deformation of aluminium alloy under abruptly-changing loading or strain paths 8-56700
- Ohashi, Y., Tokuda, M., Tanaka, Y. Formulation of stress-strain relation for plastic deformation of mild steel for strain trajectory consisting of two straight branches 8-52913
- Ohashi, Y. *see* Tsunoyama, K. 8-84691
- Ohasi, Y. *see* Higashi, S. 8-55081
- Ohata, T., Hayashi, T., Koshino, S. Luminescence of (Ti^{3+}) centers in KI 8-84632
- Ohata, Y. *see* Ohji, K. 8-91720
- O'Haver, T.C. The development of luminescence spectrometry as an analytical tool 8-93507
- O'Haver, T.C., Harnly, J.M., Zander, A.T. Comparison of radiant power of the Eimac xenon arc lamp and hollow cathode lamp sources 8-89547
- O'Haver, T.C. *see* Epstein, M.S. 8-69510
- O'Haver, T.C. *see* Reamer, D.C. 8-68975
- O'Haver, T.C. *see* Turk, G.C. 8-92528
- Ohba, K., Kishimoto, I., Ogasawara, M. Simultaneous measurement of local liquid velocity and void fraction in bubbly flows using a gas laser. III. Accuracy of measurement 8-67295
- Ohba, T. *see* Tanaka, C. 8-60699
- Ohba, Y. New experiments in applied physics laboratories for first of second year student of university 8-57724
- Ohba, Y. *see* Fujii, T. 8-88480
- Ohba, Y. *see* Yokoi, K. 8-75694
- Ohbayashi, K., Chu, B. Light scattering near the plait point of a ternary liquid mixture: ethanol-water-chloroform 8-72532
- Ohchi, N. *see* Kamiya, K. 8-73542
- Ohe, K., Takeda, S. A method for determining wave number and damping coefficient of heavily damped waves 8-63557
- Ohe, W. Von der *see* Von der Ohe, W.
- Ohga, J., Mizushima, Y. A novel pressure transducer using mechanical resonance 8-77897
- Ohga, T. *see* Ohara, Y. 8-54912
- Ohgaki, K., Katayama, T. Isothermal vapor-liquid equilibrium data for the ethane-carbon dioxide system at high pressures 8-79754
- Ohgaki, M. *see* Kamata, H. 8-59209
- Ohgi, N. *see* Koyama, Y. 8-74989
- Ohhashi, T. *see* Sakaguchi, M. 8-92762
- Ohji, K., Takeda, Y., Ohata, Y. Photoconducting properties of KTaO_3 8-91720
- Ohji, K. *see* Ochiai, H. 8-65404
- Ohji, M. *see* Akimoto, Y. 8-90437
- Ohira, K. *see* Yamada, Y. 8-90016
- Ohishi, M. *see* Ohmori, K. 8-84628
- Ohishi, M. *see* Watanabe, S. 8-49670
- Ohishi, T. Interference fringe signal generator and its application 8-65962
- Ohishuk, F. *see* Driscoll, J.N. 8-92561
- Ohiwa, H. Design of electron-beam scanning systems using the moving objective lens 8-74829
- Ohji, K., Ogura, K., Harada, S., Taji, T. Fatigue crack growth behaviour of anisotropic rolled steel plate with special reference to laminated structure and inclusions 8-92313
- Ohji, K., Ogura, K., Mutoh, Y., Itogawa, H., Uchida, H., Horiki, M. Observations of crack initiation and stable growth processes in fracture toughness testing of several steels 8-52954
- Ohji, K., Yamazaki, O., Wasa, K., Hayakawa, S. New sputtering system for manufacturing ZnO thin-film SAW devices 8-95692
- Ohji, K. *see* Ogura, K. 8-67100
- Ohji, K. *see* Ono, S. 8-83199
- Ohkawa, F.J. Electric break-through in an inversion layer: exactly solvable model 8-56234
- Ohkawa, S. *see* Komeno, J. 8-52680
- Ohkawa, T. A transport model for Alcatraz scaling in Tokamaks 8-75406
- Ohkawa, T. *see* Cheng Chu 8-83538
- Ohkawa, T. *see* Chu, M.S. 8-75298
- Ohkawa, T. *see* Prater, R. 8-51293
- Ohki, K. *see* Crannell, C.J. 8-93174
- Ohkita, K., Shimomura, M., Tsujita, T. The cationic polymerization of styrene by stannic chloride in the presence of carbon black 8-68891
- Ohkuma, N. *see* Uematsu, K. 8-68656
- Ohkura, I., Iwahana, K., Imanaka, K., Iida, T. Vibronic model of the stress effects on the relaxed excited state of the F center 8-95118
- Ohkura, H. *see* Imanaka, K. 8-60502
- Ohkura, H. *see* Watanabe, T. 8-91950
- Ohkushi, K. *see* Tsutsumi, Y. 8-95710
- Ohlmeyer, M., Benzel, M. Higher safety and saving of filter material with multi-way sorption filters 8-61543
- Ohlrich, E.S., Barnett, A.B., Weiss, I.P., Shanks, B.L. Auditory evoked potential development in early childhood: a longitudinal study 8-77061
- Ohlson, N.G. Experimental determination of crack initiation 8-60933
- Ohlson, N.G. Fracture toughness of thermally fatigued material 8-72872
- Ohm, H. *see* Crancon, J. 8-70497
- Ohmachi, S. Research and planning on low-level radioactive waste disposal in Japan 8-86657
- Ohmae, N. *see* Tsukizoe, T. 8-56782
- Ohman, Y. On some observations of the thermal emission of iron flakes produced in a grinding wheel 8-68570
- Ohmer, M.C. Design of three-layer equivalent films 8-66884
- Ohmes, E. *see* Kothe, G. 8-63670
- Ohmi, T. *see* Fujita, T. 8-67880
- Ohmi, T. *see* Yamamoto, H. 8-67959
- Ohmine, I., Karplus, M., Shulten, K. Renormalized configuration interaction method for electron correlation in the excited states of polyenes 8-55130
- Ohmori, K., Ohishi, M., Okuda, T., Hiramatsu, M. Edge emission in melt-grown $\text{ZnSe}_{1-x}\text{S}_x$ 8-84628
- Ohmori, M., Hashimoto, K. Brittle-to-ductile transition pressure of fine grained zinc 8-60745
- Ohmori, M., Kawamata, K. Strengthening of steels by modified ausforming 8-76665
- Ohmori, S. *see* Kawahara, M. 8-92848
- Ohmoto, H. *see* Krupka, K.M. 8-61568
- Ohmura, H. *see* Nakajima, T. 8-92658
- Ohmura, Y., Inoue, T., Yamamoto, Y. Spatially varied activation of ion-implanted As during the regrowth of amorphous layers in Si 8-71749
- Ohmura, Y. *see* Grout, P.J. 8-56432
- Ohnaka, I., Fukusako, T. Production of metallic filament by ejecting molten lead in to water or atmosphere and stability of molten lead jet 8-52719
- Ohnaka, I., Fukusako, T. Finite-element method and a matrix method in transient heat-conduction problems 8-94515
- Ohnaka, M. Earthquake-source parameters related to magnitude 8-96154
- Ohnami, M., Inamura, R. Effect of vacuum environment on creep-rupture properties of polycrystalline metals at elevated temperature 8-72843
- Ohnami, M., Sakane, M. A study on creep-fatigue interaction of a cobalt-base super alloy X-40 at high temperature (especially effect of strain wave shapes on the creep-fatigue interaction) 8-84958
- Ohnishi, F. *see* Abe, T. 8-52895

- Ohnishi, H.**, Hamakawa, Y. Thin film DC EL cell of Au/ZnSe:Mn/n-GaAs hetero-structure with the threshold voltage of 20 V 8-76141
- Ohnishi, H.**, Noya, H., Tanifuji, M. Vector analyzing power of polarized deuterons in elastic scattering 8-62550
- Ohnishi, M.**, Ao, N., Wakabayashi, J. Effects of impurities on alpha particle loss in a tokamak reactor 8-58461
- Ohnishi, M.**, Ao, N., Wakabayashi, J. Loss of alpha particles during slowing-down in an axisymmetric Tokamak reactor 8-59653
- Ohnishi, M.** see Iiyoshi, A. 8-66419
- Ohnishi, S.** A theory of the pressure-induced high-spin-low-spin transition of transition-metal oxides 8-85549
- Ohnishi, S.**, Hirokawa, Y., Shiosaki, T., Kawabata, A. Chemical vapor deposition of single-crystalline ZnO film with smooth surface on intermediately sputtered ZnO thin film on sapphire 8-56588
- Ohnishi, S.**, Mizutani, H. Crystal field effect on bulk moduli of transition metal oxides [in lower mantle] 8-61364
- Ohnishi, S.** see Shiosaki, T. 8-90500
- Ohnishi, T.** r-cooling process 8-69791
- Ohnishi, T.** see Asaoka, T. 8-78440
- Ohnishi, T.** see Urry, D.W. 8-77009
- Ohnishi, Y.** see Akai, K. 8-56706
- Ohno, H.**, Furukawa, K. Structural analysis of some molten materials by X-ray diffraction. II. Li_2SO_4 , Na_2SO_4 and the mixed system 8-63660
- Ohno, H.**, Furukawa, K., Tanemoto, K., Tagaki, Y., Nakamura, T. Structural analysis of some molten materials by X-ray diffraction. III. MnCl_2 8-63661
- Ohno, H.**, Yoroki, M., Furukawa, K., Takagi, Y., Nakamura, T. Structural analysis of some molten materials by X-ray diffraction. V. LiCl , PbCl_2 and their mixtures 8-94961
- Ohno, H.** see Haken, H. 8-78986
- Ohno, H.** see Okada, K. 8-83717
- Ohno, I.** see Sumino, Y. 8-92818
- Ohno, J.** A new method for temperature distribution measurement using multi-spectral radiance 8-77912
- Ohno, K.** Normal coordinate calculations of benzenoid hydrocarbons. Theoretical models of simplified valence force fields 8-94229
- Ohno, K.** see Honjou, N. 8-74585
- Ohno, K.** see Shimakura, N. 8-50480
- Ohno, M.**, Wendin, G. Many-electron effects in the 3p X-ray photoelectron spectrum of Kr 8-50513
- Ohno, M.**, Wendin, G. Many-electron effects in the 3p core hole spectrum of Kr. Application to the elements Ge to Zr 8-50517
- Ohno, N.**, Okuda, T., Nitta, K., Sugai, S. Conformational transition of copolymer of maleic acid and styrene in aqueous solution. III 8-75526
- Ohno, N.** see Fujita, M. 8-64347
- Ohno, S.** see Harada, S. 8-64185
- Ohno, T.**, Okuda, T., Yamada, J. Two-photon ionization of excited cesium atoms by ruby laser light 8-74621
- Ohno, T.**, Okuda, T., Yamada, J. Two-photon ionization of excited cesium atoms by ruby laser light [gas discharge process] 8-87534
- Ohno, Y.**, Kuroda, T., Nakamura, S. Atom-probe field-ion microscopy of GaAs and GaP 8-80460
- Ohnuki, M.** see Natsume, H. 8-54841
- Ohnuma, T.** Radiation phenomena of plasma waves. I. Fundamental radiation theory 8-94914
- Ohnuma, T.**, Fujita, T., Adachi, S. Two-stream ion-ion instability in an axially bounded ion beam plasma system 8-91119
- Oho, A.** Raman spectra of $(\text{CN})^-$ adsorbed at a silver surface 8-72520
- Ohodaira, O.**, Iseki, M. Liquid imbibition characteristics of colloidal silica 8-95963
- O'Holleran, T.P.**, McKinstry, H.A., Stubican, V.S. Correction of previously reported values of microstrain in some oxide crystalline solution systems 8-59852
- O'Horo, M.P.**, Levy, R.A. Effect of melt atmosphere on the magnetic properties of a $[(\text{SiO}_2)_{45}(\text{CaO})_{55}]_{65}(\text{Fe}_2\text{O}_3)_{35}$ glass 8-68299
- O'Horo, M.P.**, Muller, O. Magnetization studies in the system $\text{Fe}_{1-x}\text{Cr}_x\text{BO}_3$ 8-68187
- O'Horo, M.P.** see Ziolo, R.F. 8-60315
- Ohring, G.**, Adler, S. Some experiments with a zonally averaged climate model 8-81347
- Ohring, G.**, Joseph, J.H. On the combined infrared cooling of two absorbing gases in the same spectral region 8-81405
- Ohring, M.** see Oswald, R.S. 8-72440, 8-84507
- Ohrrn, Y.** see Kurtz, H.A. 8-86768
- Ohsaka, K.** see Nishioka, K. 8-72831
- Ohsaki, O.** see Adati, K. 8-55007
- Ohsaki, O.** see Shimada, R. 8-50386
- Ohsawa, J.**, Nishinaga, T., Uchiyama, S. Measurement of specific heat of boron monophosphide by AC calorimetry 8-63865
- Ohsawa, J.**, Nishinaga, T., Uchiyama, S. Si contamination in epitaxial boron monophosphide 8-87886
- Ohsawa, S.** see Hashimoto, K. 8-88631
- Ohsawa, T.** see Fukunaga, K. 8-54771
- Ohsawa, T.** see Miwa, M. 8-60694
- Ohsawa, T.** see Tanaka, S. 8-89883
- Ohse, R.W.**, von Tippelskirch, H. The critical constants of the elements and of some refractory materials with high critical temperatures. (A review) 8-59931
- Ohshima, E.** see Arai, I. 8-74347
- Ohshima, T.** see Fukushima, M. 8-62409
- Ohsima, R.**, Naya, E. Reversible shape memory effect in a β_1 Cu-Zn alloy containing α precipitates 8-60711
- Ohslugi, T.** see Johnson, J.R. 8-58216
- Ohsumi, K.** see Uchida, S. 8-74445
- Ohta, A.**, Kosuge, M., Sasaki, E. Fatigue crack closure over the range of stress ratios from -1 to 0.8 down to stress intensity threshold level in HT80 steel and SUS304 stainless steel 8-80619
- Ohta, A.** see Sasaki, E. 8-60757
- Ohta, H.** see Tsujitani, M. 8-84921
- Ohta, K.** see Kamegashira, N. 8-72708
- Ohta, K.** see Yamaguchi, K. 8-66476
- Ohta, M.**, Iwashige, H. A unified theory of sound transmission loss of general double walls and its practical application to the double wall with sound absorbent material in the cavity 8-79167
- Ohta, M.**, Sakakibara, A., Yamada, M., Kanadani, T. Aging and reversion in low-concentrated Al-Zn alloys 8-88485
- Ohta, M.**, Yamaguchi, S., Hiromitsu, S. A new systematical trial to unified statistical treatment of road traffic noise under the arbitrary sound propagation environment 8-59199
- Ohta, M.**, Yamaguchi, S., Hiromitsu, S. A unified expression for the multivariate joint probability density function of the output fluctuation of an arbitrary linear vibratory system with arbitrary random excitation 8-59329
- Ohta, M.** see Nakamura, H. 8-66416
- Ohta, M.** see Nakao, Y. 8-78490
- Ohta, M.** see Nakashima, H. 8-54878, 8-58400, 8-89973
- Ohta, M.** see Shimada, R. 8-50386
- Ohta, M.** see Takatsu, H. 8-66371
- Ohta, M.M.** The concrete canister program 8-58388
- Ohta, N.**, Ohtsuka, T. The anisotropy of the lower critical field in superconducting niobium and vanadium 8-76201
- Ohta, N.**, Wysecki, G. Designing illuminants which give prescribed tristimulus values to given object colors 8-94420
- Ohta, N.** see Ikeda, T. 8-68388
- Ohta, T.** see Deki, K. 8-66798, 8-71071, 8-87043
- Ohta, T.** see Kawasaki, K. 8-65893
- Ohta, T.** see Toshiro, K. 8-94392
- Ohta, T.** see Yamaguchi, M. 8-56383
- Ohta, Y.** see Kondo, M. 8-83089
- Ohtake, K.** see Okazaki, K. 8-71547
- Ohtani, F.** see Nakamura, M. 8-54754
- Ohtani, F.** see Sakaguchi, H. 8-78297
- Ohtani, F.** see Toba, Y. 8-82336
- Ohtani, M.** see Fujiwara, K. 8-91356
- Ohtani, M.** see Ogata, H. 8-51744
- Ohtani, N.** see Hagi, H. 8-84004
- Ohtani, S.** see Hirata, M. 8-79314
- Ohtani, T.** see Ueda, Y. 8-76619
- Ohtou, Y.** see Takagi, S. 8-82520
- Ohtsu, J.** see Tanaka, Y. 8-81509
- Ohtsubo, A.** see Kikuchi, Y. 8-54842
- Ohtsubo, H.** see Bazant, Z.P. 8-51131
- Ohtsubo, H.** see Hyuga, H. 8-66222
- Ohtsubo, H.** see Morita, M. 8-54723
- Ohtsubo, H.** see Ohtsuka, N. 8-94031
- Ohtsubo, J.**, Asakura, T. Measurement of surface roughness properties using speckle patterns with non-gaussian statistics 8-66762
- Ohtsuka, H.**, Kimura, H., Shimomura, S., Maeda, H., Yamamoto, S., Nagami, M., Ueda, N., Kitsuenezaki, A., Nagashima, T. Probe measurements in the scrape-off layer of a Tokamak 8-91156
- Ohtsuka, H.**, Yamada, R., Sone, K., Saidoh, M., Abe, T. Measurement of the sputtering yield by Auger electron spectroscopy 8-95633
- Ohtsuka, H.** see Murakami, Y. 8-89980
- Ohtsuka, H.** see Ohasa, K. 8-59691
- Ohtsuka, H.** see Sone, K. 8-95211
- Ohtsuka, N.**, Ohtsubo, H. Investigation of radiative pion capture in ^{16}O by the continuum shell model 8-94031
- Ohtsuka, S.**, Takimoto, M., Takashima, T., Taguchi, S. Analysis of photo migration imaging 8-86370
- Ohtsuka, T.** see Ohta, N. 8-76201
- Ohtsuka, T.** see Ushijima, K. 8-92227
- Ohtsuka, Y.** Optical heterodyne simulation-experiments on first-order correlation measurements of fluctuating laser beam 8-83008
- Ohtsuki, M.**, White, S.L., Zeitler, E., Welles, T.E., Fuller, S.D., Zwick, M., Mäkinen, M.W., Sigler, P.B. Electron microscopy of fibers and discs of hemoglobin S having sixfold symmetry 8-76989
- Ohtsuki, Y.H.** see Horiguchi, S. 8-72668
- Ohtuki, N.**, Toriwaki, J., Fukumura, T. Texture discrimination and automated measurement of microscope images of tissue sections 8-57099
- Ohwada, K.** Some considerations on the force constants of bond-bond interaction in simple triatomic molecules 8-50452
- Ohya, M.** On linear-response dynamics 8-49758
- Ohya, M.** Stability of the Weiss Ising model 8-57868
- Ohya, S.** see Hashimoto, O. 8-54684
- Ohya, S.** see Yanokura, M. 8-58253
- Ohya, Y.** see Hayashi, M. 8-55647
- Ohya, Y.** see Nozawa, T. 8-76272
- Ohyama, N.** see Yamaguchi, T. 8-68279
- Ohyama, T.** see Sanada, T. 8-84249
- Oie, S.** see Nakamura, A. 8-50972
- Oien, C.T.**, Barton, J.P. Resonance energy neutron radiography techniques 8-82528
- Oikawa, H.** The absence of instantaneous plastic strain upon stress changes during creep of some solid solutions 8-75718
- Oikawa, H.** Transition in creep behavior from class I to class II: significance of the diffusion term 8-75719
- Oikawa, H.** Electrical resistivity of vacuum-deposited molybdenum films 8-76166
- Oikawa, H.**, Amazawa, T. Physical properties of vacuum deposited Mo films 8-80073
- Oikawa, M.** see Yajima, N. 8-51301, 8-59570, 8-81849
- Oikawa, S.** see Hattori, H. 8-61277
- Oikawa, S.** see Tsubota, H. 8-78344
- Oiringel, I.M.** see Kaplan, S.A. 8-96466
- Oirschot, T.G.J.** Van see Van Oirschot, T.G.J.
- Oishi, M.**, Kawara, K., Kobayashi, Y., Maihara, T., Noguchi, K., Okuda, H., Sato, S., Iijima, T., Ono, T. Infrared observations of Comet West (1975n). I. Observational results 8-81591
- Oishi, M.**, Okuda, H., Wickramasinghe, N.C. Infrared observations of Comet West (1975n). II. A model of the cometary dust 8-81592
- Oishi, M.** see Shiba, K. 8-79395
- Oishi, T.** see Kayahara, Y. 8-64529
- Oishi, Y.**, Kamei, Y., Sumie, H. Isotopic ternary diffusion of the carbon tetrachloride-cyclohexane system 8-79792
- Oishi, Y.** see Kamei, Y. 8-87800
- Oitmaa, J.**, Betts, D.D. The ground state of two quantum models of magnetism 8-72321
- Oitmaa, J.**, see Adler, J. 8-54311
- Ojha, S.K.**, Banerjee, A.K., Mathur, M.N. Micropolar fluid jet impingement on a curved surface 8-90949
- Ojha, S.K.** see Mathur, M.N. 8-75174
- Ojha, S.M.** Use of RF plasmas in deposition and surface chemical reactions 8-84714
- Ojha, S.M.** see Holland, L. 8-52688
- Ojha, S.N.** see Prasad, G. 8-77784
- Ojha, S.P.**, Tiwari, P., Srivastava, K.P. Cross section for the excitation of helium by He^+ 8-90273
- Ojha, S.P.** see Srivastava, K.P. 8-63826
- Ojima, M.** Basic investigations on fluctuation of free-surface ground water level influenced by varying outer water level 8-53663
- Ojima, M.**, Kushida, T., Shionoya, S., Tanaka, Y., Oka, Y. Optical studies of resonantly excited excitonic molecules in CuCl 8-92109
- Ojima, M.**, Kushida, T., Tanaka, Y., Shionoya, S. Picosecond time analysis of excitonic molecule luminescence spectra in CuCl 8-52548
- Oka, H.** see Onodera, R. 8-92263
- Oka, K.**, Cvetanovic, R.J. Temperature dependence of the rates of reactions $\text{HgH}+\text{NO}\rightarrow\text{HNO}+\text{Hg}$ and $\text{HgH}+\text{M}\rightarrow\text{Hg}+\text{H}+\text{M}$ 8-68885
- Oka, M.**, Taniguchi, Y. Stress-induced products in metastable beta Ti-Mo and Ti-V alloys 8-84843
- Oka, T.** Generalization of the weak charged V-A current 8-74179
- Oka, T.** Calculation on the modified Beer-Lambert law 8-82906
- Oka, T.** The prediction of the rotational constants of polyacetylene compounds $\text{H}-(\text{C}=\text{C})_n-\text{C}\equiv\text{N}$ 8-86841
- Oka, T.** see Arai, S. 8-66547
- Oka, T.** see Arimondo, E. 8-66569, 8-90197, 8-90320
- Oka, T.** see Broten, N.W. 8-93370
- Oka, T.** see Kreiner, W.A. 8-58739
- Oka, Y.**, An, S., Kimura, Y., Kimura, I. Some relations of neutronic noise with fluctuation of inlet coolant temperature and vibration of a control rod obtained by simultaneous measurements at KUR 8-58327
- Oka, Y.** see An, S. 8-88742
- Oka, Y.** see Ojima, M. 8-92109

- Okabayashi, H.**, Watanabe, H., Takizawa, Y. Measurement of plutonium in Japanese human organs 8-80980
- Okabayashi, K.** see Hirose, Y. 8-92401
- Okabayashi, M.** see Cohn, D.R. 8-58417
- Okabayashi, M.** see Williams, J.E.C. 8-54983
- Okabe, H.** see Ike, H. 8-60872
- Okabe, S.** see Uegaki, E. 8-62511
- Okabe, T.**, Fukuchi, M. Parallel susceptibility of chain-like antiferromagnets 8-80137
- Okabe, T.**, Sugio, S. Analysis of sedimentation process by suspended sediment in reservoirs 8-53664
- Okabe, Y.** Logarithmic corrections to a simple power law at $d=4$ in $1/n$ expansion 8-65895
- Okabe, Y.** A model to predict the upper cap-switch field of various capping layers 8-95498
- Okabe, Y.**, Oku, M., Abe, R. $1/n$ expansion up to order $1/n^2$. I—Equation of state and correlation function 8-89412
- Okabe, Y.** see Nishimura, J. 8-61567
- Okada, A.** Electrical properties of lead-zirconate-lead-titanate ferroelectric thin films and their composition analysis by Auger electron spectroscopy 8-84530
- Okada, A.** Auger-electron-spectroscopy (AES) measurements on anodically oxidized layers of single-crystal GaP 8-91556
- Okada, A.** see Higashi, S. 8-55081
- Okada, A.** see Matsuda, T. 8-96124
- Okada, A.** see Mimura, Y. 8-60323
- Okada, A.** see Shima, M. 8-89137
- Okada, H.** see de V. Klein, G. 8-65256
- Okada, I.**, Sakai, Y., Tagashira, H., Sakamoto, S. Monte Carlo simulation of the reaction and transport of negative ions O^- and O_2^- in oxygen 8-59539
- Okada, J.**, Ikeda, K., Matsuoka, M. Cooperative cascade emission 8-78659
- Okada, J.** see Ma, E. 8-82258
- Okada, K.**, Miyake, M., Shin-ichi Iwai, Ohno, H., Furukawa, K. Structural analysis of molten Na_2WO_4 8-83717
- Okada, K.**, Sato, T., Sasaki, K. Responses of two suddenly coupled strings for random forcing functions 8-63235
- Okada, K.** see Hata, M. 8-95019
- Okada, K.** see Kato, Y. 8-84569
- Okada, K.** see Tanaka, M. 8-93930
- Okada, K.** see Yamagata, T. 8-66190
- Okada, K.** see Yasuda, N. 8-55941
- Okada, M.** A method for clinical data reduction based on 'weighted entropy' 8-92742
- Okada, M.**, Atobe, K., Nakagawa, M. The influence of irradiation temperature on the formation of F-aggregate centers in LiF crystals 8-72561
- Okada, M.**, Kimura, K., Watanabe, I. Analysis of the freezing around a chilled pipe in Darcy flow 8-94734
- Okada, M.**, Thomas, G., Hamma, M., Kaneko, H. Microstructure and magnetic properties of Fe-Cr-Co alloys 8-76769
- Okada, M.** see Atobe, K. 8-72560
- Okada, M.** see Belli, Y. 8-68221
- Okada, M.** see Hirano, T. 8-80677
- Okada, M.** see Iwano, N. 8-53020
- Okada, M.** see Sato, K. 8-87676
- Okada, M.** see Suzuki, Y. 8-95469
- Okada, S.** see Ono, T. 8-69148
- Okada, T.** Irradiation damage to superconducting magnet material for fusion reactors 8-54873
- Okada, T.**, Hayashiuchi, Y. Neutron irradiation effect on NbTi and Nb₃Sn and their application in superconducting magnets for fusion reactors 8-52128
- Okada, T.**, Yabe, T., Niu, K. Thermal-flux reduction by electromagnetic instabilities 8-75272
- Okada, T.** see Ishizu, Y. 8-95957
- Okada, T.** see Miyazaki, K. 8-78439
- Okada, T.** see Nishijima, S. 8-60737
- Okada, T.** see Niu, K. 8-59641
- Okada, T.** see Okazaki, S. 8-84980
- Okada, T.** see Tanaka, Y. 8-81509
- Okada, T.** see Tanimura, K. 8-67982
- Okada, Y.** see Tajima, M. 8-84663
- Okagawa, A.**, Cox, R.G., Mason, S.G. Kinetics of flowing dispersions. II. Dielectric constants of streaming suspensions of spheroids 8-76374
- Okaji, M.**, Watanabe, T. Heat capacity near the lambda point in ^4He under pressure. Experimental test of scaling laws and universality 8-84017
- Okajima, S.**, Lim, E.C. Radiationless transitions in gaseous nitrogen heterocycles: energy dependence of internal conversion in quinoline and isoquinoline 8-94272
- Okajima, S.**, Takeshita, K., Antoku, S., Shiomi, T., Russell, W.J., Fujita, S., Yoshinaga, H., Neriishi, S., Kawamoto, S., Norimura, T. Radioactive fallout effects of the Nagasaki atomic bomb 8-85393
- Okajima, Y.**, Aizawa, Y. Sputtering of vacuum deposited metal films by oxygen ion bombardment 8-88390
- Okal, E.A.** Observed very long period Rayleigh-wave phase velocities across the Canadian shield 8-61346
- Okal, E.A.** see Stein, S. 8-73343
- Okamoto, I.** Relativistic centrifugal winds 8-96473
- Okamoto, J.** see Suwa, T. 8-80747
- Okamoto, K.** Improvement of efficiency of isotope separation using nuclear excitation by electron transition 8-55039
- Okamoto, K.** The solution of infinite matrix in skew plate 8-75064
- Okamoto, P.R.** see Lam, N.Q. 8-67741
- Okamoto, P.R.** see Rehn, L.E. 8-72779
- Okamoto, S.** see Ishida, Y. 8-51552
- Okamoto, T.**, Fujii, H., Hasimoto, Y. Magnetic anisotropy in Gd-Tm alloys 8-68216
- Okamoto, T.** see Makino, Y. 8-68017
- Okamoto, T.** see Ozoe, H. 8-94708
- Okamoto, T.** see Yagasaki, K. 8-76244
- Okamoto, Y.** see Echigo, R. 8-94575
- Okamura, K.** see Shishido, T. 8-52856, 8-92224
- Okamura, K.** see Yajima, S. 8-56601, 8-60627
- Okamura, R.** see Kawashima, N. 8-57424
- Okamura, S.** Surface photometry of barred spiral galaxies. I. NGC 7479 and NGC 7743 8-81690
- Okamura, S.** see Kawashima, N. 8-57424
- Okamura, Y.** Oscilloscopes: now becoming compact and easy to use 8-49814
- Okamura, Y.** The oscilloscope has now become compact and simple to use 8-77882
- Okane, I.** see Sasabe, K. 8-80616
- Okano, H.** see Saitou, N. 8-88407
- Okano, J.** see Komori, K. 8-76569
- Okano, K.** see Kawase, Y. 8-70661, 8-90014
- Okano, K.** see Kizukuri, Y. 8-62393
- Okano, Y.** see Osafune, K. 8-90505
- Okasha, O.** see Eyssa, Y.M. 8-81982
- Okashita, H.** see Natsume, H. 8-54841
- Okawa, M.** see Nishijima, K. 8-93590
- Okazaki, A.** Analysis of light variations of the eclipsing binary system XY Ceti with Am spectra 8-93310
- Okazaki, A.**, Ono, M. Determination of the crystal structure of perovskites with the space group $I4/mcm$ 8-75643
- Okazaki, K.**, Aono, Y., Kaneyuki, T., Conrad, H. Measurement of the internal stress in metals by the decremental unloading technique 8-64576
- Okazaki, K.**, Kagawa, M., Aono, Y. Reply to "Comments on 'Mobile dislocations during stress relaxation in an Fe-0.056 at.% Ti alloy' by Smith and Thorpe" 8-68722
- Okazaki, K.**, Mori, Y., Hijikata, K., Ohtake, K. Electrothermal instability in the seeded combustion gas boundary layer near cold electrodes 8-71547
- Okazaki, M.**, Yamazaki, Y. Fuel rod vibration induced by coolant flow in rod assembly 8-74429
- Okazaki, M.** see Furuta, T. 8-87382
- Okazaki, M.** see Yoshino, S. 8-91646
- Okazaki, S.**, Okada, T., Nakamura, H. Fatigue strength of tuffrided steel at elevated temperatures under reversed axial stress 8-84980
- Okazaki, S.** see Iijima, S. 8-89084
- Okazaki, S.** see Natsume, H. 8-54841
- Oke, J.B.** see Racine, R. 8-89244
- Okeane, G.** see Pavelesku, M. 8-70590
- O'Keefe, J.D.**, Ahrens, T.J. Impact flows and crater scaling on the Moon 8-61769
- O'Keefe, J.O.**, Sullivan, E.C. Fission origin of the Moon: cause and timing 8-85867
- O'Keefe, K.R.** see Chuang, F.S. 8-70191
- O'Keefe, M.A.**, Buseck, P.R., Iijima, S. Computed crystal structure images for high resolution electron microscopy 8-71653
- O'Keefe, P.** The role of metallography and NDT in the analysis of a failed steam accumulator 8-95877
- O'Keefe, T.J.** see Lorenz, W.P. 8-51852
- Okeke, C.E.** see Pollak, F.H. 8-80809
- O'Kelley, G.D.** see Gentry, R.V. 8-57210
- Oker, E.**, Merte, H., Jr. A study of transient effects leading up to inception of nucleate boiling 8-90650
- Okhitin, V.N.** see Lyakhov, G.M. 8-51228, 8-94611
- Okhlopov, V.P.** see Ignat'ev, P.P. 8-69625
- Okhotsimskii, D.E.**, Golubev, Yu.F., Burkharkina, A.P., Filipovich, I.V., Shelukhina, V.K. Placement of a spacecraft in Martian satellite orbit by braking in the planet's atmosphere 8-69639
- Okhrem, E.A.** see Vinnik, V.S. 8-76042, 8-95298
- Okhrimenko, G.M.** see Rodichev, Yu.M. 8-83867
- Okhrimenko, M.G.**, Sergienko, I.V., Stukalo, O.S. Effective organization of calculations when solving the systems of linear equations 8-54165
- Okida, K.**, Watanabe, E., Shimizu, M. Polarimeter attached to the multi-channel spectrophotometer 8-89072
- Okida, K.** see Yamashita, Y. 8-73711
- Okihana, A.** see Fukunaga, K. 8-54771
- Okiji, A.**, Kasai, H., Tanaka, T. On the ^{55}Mn nuclear spin-lattice relaxation in MnF_2 8-76331
- Okiji, A.**, Kasai, H., Terakawa, S. Electronic states near metal-insulator interface 8-52084
- Okochi, H.**, Takahashi, K., Suzuki, S., Sudo, E. High frequency induction melting and centrifugal casting method of preparing samples for working curves 8-53050
- Okolotin, V.S.**, Rumyantsev, D.E. Critical current of a type I superconductor in a circular magnetic field 8-68124
- Okolowicz, J.** see Jarczyk, L. 8-78353
- Okon, I.M.** Stability of a 2-axis indicating gyrostabilizer with a rotating 3-degree gyroscope 8-54360
- Okoniewski, M.** see Wrobel, A.M. 8-95831
- O'Konnel'-Bronin, A.A.**, Gindina, R.I., Plekhanov, V.G. Characteristics of exciton luminescence near the fundamental absorption edge of NaI crystals 8-88363
- O'Konnel'-Bronin, A.A.** see Aboltin, D.E. 8-72606
- O'Konnel'-Bronin, A.A.** see Plekhanov, V.G. 8-52503
- O'Konski, C.T.** see Highsmith, S. 8-53320
- Okorokov, G.N.** see Osipova, O.G. 8-94921
- Okoshi, T.** Projection-type holographic displays 8-78972
- Okoshi, T.** see Hotate, K. 8-66935
- Okroy Hall, B.** see Sagues, A.A. 8-76791
- Okrent, D.** see Griesmeyer, J.M. 8-86626
- Okrent, D.** see Prajoto, P. 8-78469
- Okrusch, M.**, Seidel, E., Kreuzer, H., Harre, W. Jurassic age of metamorphism at the base of the Brezovica peridotite (Yugoslavia) 8-96169
- Okrushko, E.I.**, Leshcheko, I.G. Increasing the sensitivity of an induction inspection unit with spaced windings over their magnetizing and measuring lengths 8-56864
- Oks, S.N.** see Godyak, V.A. 8-75423
- Oksengorn, B.** see Lallemand, M. 8-52418
- Okusz, I.** see Erkoç, S. 8-90130
- Oku, M.** see Okabe, Y. 8-89412
- Oku, T.** see Hojo, J. 8-60626
- Okubo, S.** Structure of semi-simple gauge groups for unified weak and electromagnetic interactions 8-74195
- Okubo, S.** see Abe, Y. 8-58167
- Okubo, Y.** see Sakai, K. 8-78449
- Okuda, H.**, Cheng, C.Z. Higher order multipoles and splines in plasma simulations 8-91148
- Okuda, H.** see Cheng, C.Z. 8-94933
- Okuda, H.** see Lee, W.W. 8-59665
- Okuda, H.** see Lin, A.T. 8-83531
- Okuda, H.** see Maihara, T. 8-81689
- Okuda, H.** see Oda, N. 8-61924
- Okuda, H.** see Oishi, M. 8-81591, 8-81592
- Okuda, H.** see Sekiya, T. 8-64450
- Okuda, K.** see Wigen, P.E. 8-88093
- Okuda, M.**, Onaka, K. Response of an optical resonator with distributed Bragg-reflectors to light pulses 8-63141
- Okuda, M.** see Takeuchi, N. 8-92991
- Okuda, M.** see Tran Tri Nang 8-56209, 8-90461
- Okuda, M.** see Washida, N. 8-53204, 8-92531
- Okuda, S.** Managing corrosion problems with plastics 8-92382
- Okuda, S.** see Takamura, S. 8-51588, 8-52180
- Okuda, S.** see Ueda, Y. 8-55768
- Okuda, T.**, Gotou, H., Nishiyama, Y., Shimauchi, A. Nuclear quadrupole resonance frequencies of I^{127} in HI_2O_8 and I_2O_8 8-72433
- Okuda, T.** see Hioki, Y. 8-71480, 8-79418
- Okuda, T.** see Koshizuka, N. 8-68491
- Okuda, T.** see Ohmori, K. 8-84628
- Okuda, T.** see Ohno, N. 8-75526
- Okuda, T.** see Ohno, T. 8-74621, 8-87534
- Okuda, T.** see Yamada, J. 8-75392
- Okudaira, K.** see Yamagami, T. 8-61644
- Okulov, S.M.** see Deigen, M.F. 8-88178
- Okulov, V.I.** see Bagaev, V.N. 8-87928
- Okulov, V.I.** see Katsnel'son, M.I. 8-91785
- Okulov, V.I.** see Ustinov, V.V. 8-76100
- Okumura, A.** see Sato, M. 8-53437
- Okumura, M.**, Okumura, Y. Possible explanation of data for $R=\sigma/\sigma_c$ 8-62405
- Okumura, M.**, Okumura, Y. Application of a new scaling rule to neutrino nucleon reactions 8-89703
- Okumura, M.**, Okumura, Y. Deep inelastic contribution to nucleon mass difference 8-93859
- Okumura, N.**, Sugeno, T. Galvanomagnetic effects of dilute nitrogen-iron alloys 8-87964
- Okumura, Y.** New approach in application of field theories to lepton hadron scattering 8-74257
- Okumura, Y.** see Ohara, Y. 8-54912
- Okumura, Y.** see Okumura, M. 8-62405, 8-89703, 8-93859
- Okun, L.B.** see Novikov, V.A. 8-62362
- Okun, L.B.** see Vainshtein, A.I. 8-82157
- Okun', L.B.** see Voloshin, M.B. 8-77739
- Okunevich, A.I.** see Dmitriev, S.P. 8-82671
- Okuno, E.** see Capelletti, R. 8-71883
- Okuno, H.** see Arai, I. 8-74347

- Okuno, H.** *see* Fischer, J. 8-58543
- Okuno, K.**, Koizumi, T., Kaneko, Y. Symmetric resonance double charge transfer in $Kr^{++}+Kr$ and $Xe^{++}+Xe$ systems 8-66657
- Okuno, K.** *see* Kim, H. 8-91536
- Okuno, O.**, Miura, I. Analysis of fracture process and strength in fiber reinforced alloys by Monte Carlo simulation 8-80634
- Okuno, T.** *see* Miwa, T. 8-62190, 8-70087
- Okuno, Y.**, Yasuura, K. Algorithm for analysing edge-type reflection gratings 8-86998
- Okusawa, M.**, Ishii, T. The satellite of the 4s line of bromine in X-ray photoemission of metal bromides 8-56556
- Okusu, H.**, Sugino, Y. X-ray fluorescence analysis of bismuth in aluminium 8-88663
- Okutsu, E.**, Nakamura, M., Nakamura, Y., Itoh, T. Amplification of ion-acoustic solitons by an ion beam 8-83554
- Okuyama, F.**, Aoyagi, M., Kitai, T., Ishikawa, K. Field electron emission from dense array of microneedles of tungsten 8-52644
- Okuyama, F.**, Beckey, H.D. Properties of multiple field ion emitters of tungsten and a simple method for improving their ionization efficiency 8-76588
- Okuyama, F.**, Beckey, H.D. Field-induced surface reactions for the 1-hexene-water system 8-95949
- Okuyama, H.** *see* Kobayashi, K. 8-73270
- Okuyama, T.** *see* Takasaka, A. 8-95951
- Olade, M.A.** Early Cretaceous basalt volcanism and initial continental rifting in Benue Trough, Nigeria 8-61417
- Olander, D.R.** *see* Mingst, B. 8-86576
- Olander, N.** *see* Westerlund, B.E. 8-61754
- Olapinski, H.** *see* Dworak, U. 8-60674
- Olauksen, K.** *see* Cheng, H. 8-62341
- Olauksen, K.** *see* Hung Cheng 8-66063
- Olazcuaga, R.** *see* Reau, J.M. 8-51731
- Olbert, S.** *see* Heinemann, M. 8-89174
- Olcak, D.** *see* Oravcova, J. 8-91962
- Old, C.F.** The liquid metal embrittlement of zinc and aluminium 8-64653
- Oldenborg, R.C.**, Rice, W.W., Wampler, F.B. Laser-induced fluorescence of gaseous UF_6 in the A-X band 8-94275
- Oldenburg, D.W.** A quantitative technique for modeling ionospheric and magnetospheric current distributions 8-88988
- Oldenettel, J.** *see* Hunter, R.O. 8-50758
- Oldfield, F.**, Thompson, R., Barber, K.E. Changing atmospheric fallout of magnetic particles recorded in recent ombrotrophic peat sections 8-61519
- Oldfield, M.L.G.** *see* Jones, T.V. 8-94768
- Oldham, K.B.** *see* Dalrymple-Alford, P. 8-53289, 8-64844
- Oldham, L.P.** Five MW Solar Thermal Test Facility heliostat focus and alignment system 8-50894
- Oldyrev, P.P.** Method and equipment for contactless temperature measurement in circular cyclic bending 8-57947
- Oleari, C.** *see* Amar, V. 8-74166
- O'Leary, P.M.** *see* Currie, P.K. 8-79254
- Oleferenko, I.P.** *see* Pudovkin, M.I. 8-57523
- Olefirenko, P.P.** *see* Shipin'kov, N.I. 8-88096
- Olefjord, I.** *see* Elfstrom, B.O. 8-53037
- Olegart, G.**, Stegmann, R., Herrmann, R. Propagation of electromagnetic waves in a direction parallel to the magnetic field in semiconductive Bi-Sb alloys 8-80014
- Oleinik, A.S.**, Mal'ko, L.N. Test object for a raster electron microscope 8-86393
- Oleinik, B.N.**, Raskin, A.A. Simulation of precision calorimeters in isothermal jackets 8-93687
- Oleinik, E.F.** *see* Shchapov, A.N. 8-71688
- Oleinik, L.N.** *see* Bass, F.G. 8-88168
- Oleinik, L.S.** *see* Markov, V.A. 8-74034
- Oleinik, V.P.**, Abakarov, D.I., Belousov, I.V. Collective excitations of electrons and holes in a strong electromagnetic field and the absorption of light in a semiconductor under parametric resonance conditions 8-79945
- Oleinik, S.** Quantum number distributions and fluctuations in multiparticle production 8-82249
- Oleksyuk, I.D.**, Tsitrovskii, V.V., Turyanitsa, I.D., Stoika, I.M., Chukhno, T.A. Production and properties of modulating and nonlinear materials based on some chalcogenides 8-63158
- Oleksyuk, I.D.** *see* Mitsa, V.M. 8-63159
- Olemskoi, A.I.** *see* Postnikov, V.S. 8-52757
- Olerich, G.** Rapid packing of coiled glass gas chromatography columns 8-73095
- Oles, A.M.** *see* Chao, K.A. 8-80110, 8-80128
- Oles, A.M.** *see* Spalek, J. 8-68143, 8-76218
- Oles, P.J.** Particle analysis and identification in the pharmaceutical industry 8-61125
- Olevskii, S.S.**, Gorokhov, V.N., Aleksandrov, G.V. Use of Auger spectroscopy for chemical analysis of thin film structures 8-92581
- Oli, B.A.** *see* Davies, R.W. 8-74708
- Oliaro, G.E.** *see* Turitzin, N.M. 8-54956
- Olijnyk, H.** *see* Willer, J. 8-52278
- Olimov, K.** *see* Azimov, S.A. 8-78421
- Oliner, A.A.**, Peng, S.T. Effects of metal overlays on 3-D optical waveguides 8-94425
- Oliner, A.A.** *see* Peng, S.T. 8-66953
- Oliphant, T.A.** *see* Gryczkowski, G. 8-94134
- Oliva, J.**, Quintana, J.A., Mateos, F., Pardo, M. Holography: shortcomings of the expansion of amplitude transmittance in a Taylor series 8-50732
- Oliva Florio, A.** *see* Baragiola, R.A. 8-80446
- Olivares, D.R.**, Hieftje, G.M. Saturation of energy levels in analytical atomic fluorescence spectrometry. I. Theory 8-65980
- Olive, D.** *see* Witten, E. 8-89630
- Olive, D.I.** *see* Goddard, P. 8-89625
- Oliveira, D.R.** *see* De Oliveira, D.R.
- Oliveira, L.E.**, Murilo Oliveira, P., Maffeo, B. F-centers in alkaline-earth fluorides. Inadequacy of the muffin-tin approximation 8-63761
- Oliveira, N.F., Jr.** *see* Shapira, Y. 8-68350, 8-80145
- Oliveira, P.** *see* Murilo Oliveira, P.
- Oliveira Castro, F.M.** *see* De Oliveira Castro, F.M.
- Oliver, B.M.** *see* Gower, J.F.R. 8-73384
- Oliver, C.J.** The extraction of spectral parameters in photon-correlation spectroscopy 8-77993
- Oliver, C.J.** A comparison of detection methods at 10 μ m 8-89539
- Oliver, D.A.**, Lewellen, W.S., Williamson, G.G. The interaction between turbulent and radiative transport in the development of fog and low-level stratus 8-81313
- Oliver, D.R.**, Ashton, R.C., Wadelin, G.D. The load-bearing capacity of a continuous-flow squeeze film of liquid 8-87306
- Oliver, D.S.** Real-time spatial modulators for optical/digital processing systems 8-63025
- Oliver, D.S.** Real-time spatial modulators for optical/digital processing systems 8-79125
- Oliver, G.C.** *see* Clark, K.W. 8-81016
- Oliver, G.C.** *see* Ripley, K.L. 8-81018
- Oliver, J.** Exploration of the continental basement by seismic reflection profiling 8-96172
- Oliver, L.** *see* Le Yaouanc, A. 8-70342
- Oliver, L.H.**, Poulsen, R.S., Toussaint, G.T. Classification of atypical cells in the automatic cytoscreening for cervical cancer 8-73289
- Oliver, M.A.** Classical electrodynamics and the definition of an energy tensor for a system of charged particles and electromagnetic fields 8-77734
- Oliver, M.B.** *see* Boggess, A. 8-96382, 8-96383
- Oliver, M.J.**, Cluley, A.P. A systematic error in the measurement of frost point using a Meteorological Office Mk 3 hygrometer 8-73538
- Oliver, M.J.** *see* Cluley, A.P. 8-73488
- Oliver, S.** *see* Appel, E. 8-58513
- Oliver, W.L.** *see* Roble, R.G. 8-57385
- Oliver, W.P.**, Gustafson, R., Jones, L., Longo, M., Roberts, T., Whalley, M., Garelick, D.A., Gauthier, P.S., Glaubman, M.J., Johnstad, H., Mallory, M.L., Moromiso, J., von Goeler, E., Weinstein, R., Childress, S., Mockett, P., Rutherford, J.P., Smith, S.R., Williams, R.W. Dimuon production by protons in tungsten 8-89857
- Oliveri, E.**, Fiorella, O., Mangia, M. High-dose behaviour of $CaSO_4:Dy$ thermoluminescent phosphors as deduced by a continuous model for trap depths 8-78588
- Oliveri, E.** *see* Fiorella, O. 8-58324
- Olivero, A.** *see* Beaussier, J. 8-61698
- Oliveros, E.**, Riviere, M., Teichteil, C., Malrieu, J.P. CI(CIPSI) calculations of the vertical ionization and excitation energies of the formamide molecule 8-78836
- Olivet, J.-L.** *see* Auzende, J.-M. 8-53632
- Olivier, E.** *see* Albernhe, F. 8-93107
- Olivier, G.**, Gervais, Y., Mukhedkar, D. A new approach to compute uniform field breakdown of gases 8-55763
- Olivier, J.H.L.** *see* Brink, J.A. 8-94314
- Olivieri, E.** *see* Benfatto, G. 8-49952
- Ol'khov, O.A.** Damping of spin waves in metallic ferromagnets 8-88106
- Olkhov, O.A.**, Semin, S.P. Pressure influence on the ferromagnetic resonance in ferrodielecrics 8-88193
- Ol'khovaya, L.A.** *see* Ikrami, D.D. 8-52729
- Ol'khovik, O.E.**, Gold'man, A.Ya. Creep of fluoroplastic under the joint action of tension and hydrostatic pressure 8-68750
- Ol'khovikova, T.I.** *see* Mokrushin, A.D. 8-72636
- Ol'khovskii, V.I.** *see* Chernov, A.P. 8-64365
- Ol'khovskii, V.S.** *see* Nikolaev, M.V. 8-70294
- Ol'khovskii, I.P.** *see* Bulgakov, B.M. 8-50833
- Ollendorff, F.** On the instantaneous excitation of one-dimensional sound waves in a rectangular room 8-87201
- Ollenhauer, F.** *see* Bloess, D. 8-82552
- Olli, E.E.** *see* Wang, T.G. 8-63220
- Olm, M.T.** *see* Eachus, R.S. 8-80219
- Olmer, C.**, Mermaz, M., Buenerd, M., Gelbke, C.K., Hendrie, D.L., Mahoney, J., Scott, D.K., Macfarlane, M.H., Pieper, S.C. Energy dependence of elastic scattering and one-nucleon transfer reactions induced by ^{16}O and ^{208}Pb . II 8-82379
- Olmer, C.** *see* Gelbke, C.K. 8-74399
- Olmer, C.** *see* Paul, M. 8-54800
- Olmer, C.** *see* Zeidman, B. 8-58308, 8-58309
- Olmi, A.**, Sann, H., Pelte, D., Eyal, Y., Gobbi, A., Kohl, W., Lynen, U., Rudolf, G., Stelzer, H., Bock, R. Multiplicity of γ rays in the reactions $^{86}Kr-^{120}Sn$ and $^{86}Kr-^{166}Er$ 8-82375
- Olmos, J.**, Wolf, L. A modular representation and analysis of fault trees 8-78480
- Olmsted, R.D.**, Snider, R.F. Center of mass description of polymer flow: friction approximation for the pressure tensor with antisymmetric stress 8-55664
- Olness, J.W.** *see* Lieb, K.P. 8-50119
- Olness, J.W.** *see* Nathan, A.M. 8-66308
- Olodovskii, P.P.** Influence of the properties of hydrated solid phase surfaces on the effect of a density change in a dispersed medium 8-64893
- Olodovskii, P.P.**, Murashko, M.G., Bogdanova, A.B., Malashko, T.M., Dotenko, R.F., Kononyuk, K.F. Method of estimating change in filtration characteristics of disperse systems caused by water-soluble polymers 8-67264
- Olori, M.C.** *see* Fantti, C. 8-73766
- Olowolafe, J.O.** *see* Pretorius, R. 8-60578
- Olshchewski, B.** *see* Lorkowski, H.-J. 8-61009
- Olsen, A.**, Sale, F.R. Growth kinetics and morphologies of iron silicide layers 8-95700
- Olsen, D.E.** *see* Longo, J.T. 8-77991
- Olsen, D.K.** *see* Perez, R.B. 8-66255
- Olsen, D.P.**, Wartell, M.A. Inelastic scattering at moderate collision energies 8-70902
- Olsen, E.T.** *see* Gulkis, S. 8-53870
- Olsen, G.H.**, Cafiero, A.V. Single-crystal growth of mixed (La, Eu, Y, Ce, Ba, Cs) hexaborides for thermionic emission 8-92183
- Olsen, G.H.**, Nuese, C.J., Smith, R.T. Effect of lattice-mismatch stress on the energy band gap and lattice parameter of III-V heteroepitaxial layers 8-95345
- Olsen, G.H.** *see* Kressel, H. 8-66826
- Olsen, J.F.** Ab initio molecular orbital studies of CF_3O_2H , CF_3O_2F and $CF_3(OF)_2$ 8-90313
- Olsen, J.L.** *see* Eckstein, S.G. 8-71894
- Olsen, J.N.** *see* Farnsworth, A.V., Jr. 8-58480
- Olsen, J.O.** *see* Nielsen, S.E. 8-90280
- Olsen, J.** *see* Ostgaard *see* Ostgaard Olsen, J.
- Olsen, J.S.** *see* Buras, B. 8-66019
- Olsen, J.** *see* Staun *see* Staun Olsen, J.
- Olsen, N.B.** *see* Heilmann, I.U. 8-79691
- Olsen, P.T.**, Williams, E.R. A proposed coil system for the improved realization of the absolute ampere 8-93737
- Olsen, P.T.** *see* Williams, E.R. 8-93660
- Olsen, R.G.**, Lords, J.L., Durney, C.H. Microwave-induced chronotropic effects in the isolated rat heart 8-69137
- Olsen, R.J.** *see* Penn, R.E. 8-70820
- Olsen, S.L.** *see* Farrow, M.M. 8-54467
- Ol'shanetskii, B.Z.**, Repinskii, S.M., Shklyayev, A.A. Feasibility of investigating surface self-diffusion of silicon by slow electron diffraction method 8-51808
- Olshanskii, A.I.** *see* Kuts, P.S. 8-55355, 8-83214
- Ol'shanskii, S.V.** *see* Gel'fgat, Yu.M. 8-75215
- Ol'shanskii, V.M.** *see* Berkhoer, I.D. 8-74003
- Olshansky, R.** Optical waveguides with low pulse dispersion over an extended spectral range 8-55448
- Olshansky, R.**, Oaks, S.M. Differential mode attenuation measurements in graded-index fibers 8-71198
- Olshausen, R.** *see* von Olshausen, R.
- Ol'shevskii, A.A.** *see* Mirotvorskii, V.S. 8-95755
- Ol'shovich, A.**, Mirvis, V.M. Extraction of large-scale precipitation-field components over Central Europe for purposes of forecasting them 8-92940
- Olson, D.B.**, Mallard, W.G., Gardiner, W.C., Jr. High temperature absorption of the 3.39 μ m He-Ne laser line by small hydrocarbons 8-86856
- Olson, D.H.** Silicon monoxide antireflection coatings for InP/CdS solar cells 8-50871
- Olson, D.L.** *see* Whipple, T.A. 8-53036
- Olson, D.W.**, Castner, T.G. Uniaxial stress dependence of the Orbach spin-lattice relaxation rate of phosphorus and arsenic donors in silicon 8-72391
- Olson, E.C.** *see* Schulz, R.A. 8-69214
- Olson, G.B.**, Azrin, M. Transformation behavior of TRIP steels 8-76718
- Olson, G.L.**, Greve, K.S., Busch, G.E. Modeling of picosecond photobleaching in large molecules 8-53226
- Olson, H.G.** *see* Culot, M.V.J. 8-73262

- Olson, J.A.**, Micha, D.A. Transition operators for atom-atom potentials: The Hilbert-Schmidt expansion 8-66621
- Olson, J.R.**, Amme, R.C., Brooks, J.N., Murray, D.G., Steffen, D.A., Sturm, R.E., Keller, G.E. Balloon-borne ion sampling package 8-69497
- Olson, J.V.**, Rostoker, G. Longitudinal phase variations of Pc 4-5 micropulsations 8-88993
- Olson, K.W.** see Rushneck, D.R. 8-77460
- Olson, R.A.** see Grosjean, D.F. 8-74943
- Olson, R.E.**, Berkner, K.H., Graham, W.G., Pyle, R.V., Schlachter, A.S., Stearns, J.W. Charge-state dependence of electron loss from H by collisions with heavy, highly stripped ions 8-70921
- Olson, R.E.**, Liu, B. Self-consistent-field potential energies for the ground negative-ion and neutral states of HeH, ArH, and ArCl 8-62745
- Olson, R.E.**, Liu, B. CI potentials for the $X^2\Sigma$ and $A^2\Pi$ states of $Ar^+ + He$ 8-74727
- Olson, R.H.**, Roberts, W.O., Prince, H.D., Hedeman, E.R. Solar plagues and the vorticity of the Earth's atmosphere 8-73459
- Olson, W.H.** see Brodnick, D.E. 8-92760
- Olsson, J.** see Bartel, W. 8-89695
- Olsson, L.F.** see Elding, L.I. 8-50553
- Olsson, L.R.**, Fischmeister, H.F. Fracture toughness of powder metallurgy and conventionally produced high-speed steels 8-64647
- Olsson, M.G.**, Osypowski, E.T., Monsay, E.H. Electroproduction of low hadronic masses 8-74259
- Olsson, O.** Scattering of electromagnetic wave by a perfectly conducting half plane below a stratified overburden 8-57167
- Olsson, U.** Supersonic flutter of heated circular cylindrical shells with temperature-dependent material properties 8-71289
- Olt, R.G.** see Hedley, W.H. 8-84822
- Olthof, H.**, Cosmovici, C.B., Canton, G. Fabry-Perot observations of the S III, D_2 - 3P_1 transition at 9069 Å in the Orion Nebula 8-96515
- Olthof, H.** see Wegmann, H.M. 8-85813
- Olthoff, W.** see Bressers, J. 8-54498
- Olunloyo, V.O.S.**, Hutter, K. The response of an anisotropically prestressed thick rectangular membrane to dynamic loading 8-51068
- Olver, F.W.J.** see Lozano, C. 8-89301
- Om Pal Singh** see Gebureck, P. 8-94065
- Om Prakash** see Prakash, S. 8-79776
- Om Prakash Gupta**, Kharoo, H.L., Hemkar, M.P. Internal equilibrium and crystal dynamics of tantalum 8-79688
- O'Mahoney, R.**, Smith, F.T. On the calculation of the incompressible flow past an aerofoil with a jet flap 8-59414
- O'Malley, J.J.** Morphology of crystalline multilock copolymers 8-91269
- Oman, G.J.**, Sydor, M. Use of remote sensing in determination of chemical loading of Lake Superior due to spring runoff 8-96243
- Omar, M.H.** see Abou el-leil, M. 8-95182
- Omar, O.A.** see El-Mously, M.K. 8-67649
- O'Mara, B.J.**, Gietzel, P.C. The use of multipole expansions in spectral line-broadening theory 8-74611
- Omarov, O.A.**, Khachalov, M.B., Taimashanov, A.S., Efendiev, A.Z. Formation of a spark channel 8-59693
- Omejec, L.** see Tudja, M. 8-79777
- Omelchenko, A.S.** Estimation of the cross-sections and asymmetry ratios for the $\gamma d \rightarrow nn\pi^+$ and $\gamma p \rightarrow np\pi^+$ reactions in the region of the first resonance 8-78196
- Omelchenko, A.V.** see Soshnikov, V.I. 8-67683
- Omelchenko, A.Ya.** see Demchenko, V.V. 8-59565, 8-91117
- Omel'yanchuk, A.N.** see Kulik, I.O. 8-56258
- Omel'yanenko, I.F.** see Zhernov, S.A. 8-92300
- Omenetto, N.** see Boutillier, G.D. 8-82680
- Omer, J.E.** see Chu, S.L. 8-86674
- Omero, C.** see Chirardi, G.C. 8-70056
- Omidvar, K.** see Golden, L.B. 8-90297
- Omini, M.** Optical properties of liquids under pressure 8-80312
- Ommen, A.H.** Van see Van Ommen, A.H.
- Omori, S.**, Hayami, R., Kinoshita, M., Iwasa, M. Effects of CaF_2 addition on hot-pressing of CaO 8-95721
- Omori, Y.** see Imai, S. 8-83624
- Omoto, O.**, Nagatomo, T. Technique of transparent electrode and application to pyroelectric ceramics 8-74348
- Omura, A.** see Awatani, J. 8-64623
- Omura, A.** see Katagiri, K. 8-60830
- Onabe, K.**, Naito, M., Tanaka, S. Anisotropy of upper critical field in superconducting $2H-NbS_2$ 8-76200
- Onaka, K.** see Okuda, M. 8-63141
- Onaka, R.**, Ito, H. Electrooptic effect and vacuum ultraviolet absorption of KDP and ADP 8-76431
- Onaka, T.** see Kodaira, K. 8-73713
- Onaka, T.** see Tanaka, W. 8-61850
- Onari, S.** Resonant Raman scattering in semiconductors 8-76459
- Onchi, M.** see Akimoto, K. 8-72652
- Onchi, M.** see Matsudaira, T. 8-72650
- Onchi, T.** see Inoue, T. 8-67742
- Onda, K.** Electron scattering from a center of force in strong magnetic fields 8-75256
- Onda, K.**, Truhlar, D.G. Model potentials for electron scattering: converged close coupling calculations for the differential cross section for e^-N_2 at 30-50 eV 8-90290
- Ondercin, D.**, Sandreczki, T., Kreilick, R. Nuclear and electron spin relaxation times in a solid nitroxide radical 8-60350
- Ondoh, T.**, Nakamura, Y., Koseki, T. Feasibility study of plasmopause sounding from a geostationary satellite 8-93043
- Ondoh, T.**, Nakamura, Y., Koseki, T., Watanabe, S. Radio sounding of the plasmopause by a geostationary satellite 8-69648
- Ondoh, T.**, Nakamura, Y., Koseki, T., Watanabe, S., Murakami, T. Magnetospheric radio sounding-plasmopause sounder 8-85770
- Ondoh, T.** see Kotaki, M. 8-73576
- Ondra, J.** Problems and experience of measurements of coherence length of laser radiation 8-79052
- Ondrejka, R.J.** see Henderson, F.B., III 8-69495
- O'Neal, J.E.** see Lederich, R.J. 8-64593
- O'Neal, W.C.** see Godwin, R.O. 8-82989
- O'Neale, S.** see Erriquez, O. 8-78170
- Oneda, S.**, Rno, J.S., Slaughter, M.D. Dynamical constraints on the couplings of ground-state mesons—an estimate of the $\phi \rightarrow \pi\gamma$ decay 8-58183
- Onega, R.J.**, Kisner, R.A. An axial xenon oscillation model 8-58322
- Onegina, A.B.** On photographic positions of Venus 8-93121
- Onegina, A.B.** see Vinnikova, E.B. 8-93135
- O'Neil, B.D.** see Avizonis, P.V. 8-66855
- O'Neil, E.J., Jr.** see Newell, B. 8-85981
- O'Neil, J.R.** see Barnes, I. 8-69344
- O'Neil, R.R.**, Newell, D., Ulwrick, J.C., Stair, A.T., Jr., Shepherd, O., Reidy, W.P., Carpenter, J.W., Davis, T.N. Excede 2 test, an artificial auroral experiment: ground-based optical measurements 8-89038
- O'Neil, R.R.**, Sandock, J.A., Stair, A.T., Jr., Bien, F., Burt, D. Summarized results of the artificial auroral experiment, Precede 8-89037
- O'Neil, S.V.**, Reinhardt, W.P. Photoionization of molecular hydrogen 8-94295
- O'Neil, T.M.** see Douglas, M.H. 8-67318
- O'Neill, B.C.** see Sampurnan-Singh 8-80662
- O'Neill, E.M.** see Corcoran, M.D. 8-70417
- O'Neill, G.K.** see Aschman, D.G. 8-78201
- O'Neill, L.** see Bartel, W. 8-89695
- O'Neill, L.H.** see Beron, B.L. 8-66064, 8-74194
- O'Neill, M.E.** see Davis, A.M.J. 8-55653
- O'Neill, M.R.** see Kalisvaart, M. 8-51400
- O'Neill, P.**, Ignatiev, A., Doland, C. The structural composition and its influence on the optical properties of gold black 8-56530
- Onel, Y.**, Brown, R.C., Edgington, J.A., Stewart, N.M., Blair, I.M. Further study of the reaction $^2H(n,p^2n)$ near 120 MeV 8-82339
- Onel, Y.** see Chatelain, P. 8-58535, 8-89862
- Onesti, L.J.**, Miller, T.K. Topological classifications of drainage networks: an evaluation 8-81254
- Onffroy, J.R.** Theory of shallow-donor states with a strong central-cell perturbation 8-51933
- Onffroy, J.R.**, Halley, J.W. Final state interactions in the two phonon Raman spectrum of the zig-zag chain 8-76457
- Onffroy, J.R.** see Halley, J.W. 8-72504
- Ong, N.P.** Transport studies near phase transitions in $NbSe_3$ 8-72213
- Ong, N.P.** Hall effect of a linear-chain metal: $NbSe_3$ 8-76058
- Ong, P.T.**, Stock, H. Density oscillations due to pion condensation in pionic atoms 8-70476
- Ong, W.**, Manson, S.T. Anisotropic effects in the angular distribution of photoelectrons from cesium 6s 8-50514
- Onga, S.**, Hatanaka, K., Kawaji, S., Nishi, Y., Yasuda, Y. Effect of residual stress on hole mobility of SOS MOS devices 8-88039
- Onga, S.** see Hatanaka, K. 8-64124
- Ongley, E.D.** see Church, M. 8-77278
- O'Nions, R.K.**, Carter, S.R., Cohen, R.S., Evensen, N.M., Hamilton, P.J. Pb, Nd and Sr isotopes in oceanic ferromanganese deposits and ocean floor basalts 8-61395
- O'Nions, R.K.**, Evensen, N.M., Hamilton, P.J., Carter, S.R. Melting of the mantle past and present: isotope and trace element evidence 8-65238
- O'Nions, R.K.**, Pankhurst, R.J. Early Archaean rocks and geochemical evolution of the Earth's crust 8-65222
- O'Nions, R.K.** see Carter, S.R. 8-53635
- Onisenko, L.P.** see Kissil', A.E. 8-56692
- Onisenko, L.P.** see Maximovich, G.G. 8-92266
- Onishchenko, A.D.** see Troshchenko, V.T. 8-64800
- Onishchenko, A.S.** see Dukhovskoi, E.A. 8-52143
- Onishchenko, V.I.** see Binkevich, E.V. 8-51084
- Onishi, I.** see Kikuchi, T. 8-72855, 8-72856
- Onishi, K.**, Ishizuka, S., Egami, N. Effects of specimen length on tensile strength 8-84920
- Onishi, M.** see Shimozaki, T. 8-51749
- Onishi, N.**, Negele, J.W. Two-body and three-body effective interactions in nuclei 8-66220
- Onishi, T.** see Bussiere, J.F. 8-64159
- Onishi, T.** see Kuriyama, I. 8-59835
- Onishi, Y.** see Sone, Y. 8-63903, 8-87362
- Onn, D.G.**, Antoniuk, T.H., Donnelly, T.A., Johnson, W.D., Egami, T., Prater, J.T., Durand, J. Specific heat and susceptibility of Ni-based amorphous alloys with dilute Fe 8-68274
- Onn, D.G.** see Johnson, W.D. 8-91754
- Ono, H.**, Nakamizo, S. Changing fixation in the transverse plane at eye level and Hering's law of equal innervation 8-61184
- Ono, H.**, Nakamizo, S., Steinbach, M.J. Nonadditivity of vergence and saccadic eye movement 8-69095
- Ono, H.** see Kakutani, T. 8-75288
- Ono, J.**, Shimomura, T. Current development in emission spectrometry 8-86356
- Ono, K.**, Fujimura, T., Moriyama, J. Conductivity measurements of CaF_2 crystal under controlled fluorine chemical potentials 8-59972
- Ono, K.** see Kayahara, Y. 8-64529
- Ono, K.** see Shibata, M. 8-60701, 8-67042, 8-71281
- Ono, M.**, Porkolab, M., Chang, R.P.H. Parametric excitation of drift waves with the pump near the ion cyclotron frequency in a two-ion-species plasma 8-91093
- Ono, M.** see Okazaki, A. 8-75643
- Ono, M.** see Toshioka, K. 8-93885
- Ono, N.** Drift of pack ice observed using radar buoys 8-96224
- Ono, S.**, Yamazaki, O., Ohji, K., Wasa, K., Hayakawa, S. SAW resonators using RF-sputtered ZnO films on glass substrates 8-83199
- Ono, S.** see Aishima, A. 8-56152
- Ono, S.** see Hayashi, S. 8-68624
- Ono, S.** see Kanaya, K. 8-71652
- Ono, S.** see Nomura, K. 8-84751
- Ono, T.**, Okada, S. Does the capacity to rejoin radiation-induced DNA breaks decline in senescent mice? 8-69148
- Ono, T.** see Giese, R.H. 8-57499
- Ono, T.** see Oishi, M. 8-81591
- Ono, Y.** Phonon drag conductivity in the Frohlich-Peierls phase in quasi-one-dimensional electron phonon systems with impurities 8-60114
- Onoda, G.Y.**, Hench, L.L. (editor) Ceramic processing before firing 8-56608
- Onoda, G.Y., Jr.** see Messing, G.L. 8-92211
- Onodera, A.**, Fujishita, H., Shiozaki, Y. X-ray diffraction study of sub-lattice order parameters in ferroelectric ammonium sulphate 8-92035
- Onodera, A.**, Shiozaki, Y. The crystal structure of $(NH_4)_2BeF_4$ at room temperature 8-95025
- Onodera, A.**, Sugata, Y., Shiozaki, Y. Ferroelectric dielectric behaviour and the nature of phase transition of ammonium sulphate 8-88262
- Onodera, H.**, Oka, H., Tamura, I. A role of strain on deformation-induced martensitic transformation in an Fe-Ni-C alloy 8-92263
- Onodera, H.** see Shinohara, T. 8-72441
- Onoe, M.** Piezoelectric application of lithium tantalate 8-95550
- Onofri, E.** On the high-temperature expansion of the density matrix 8-54115
- Onofri, E.**, Pauri, M. Search for periodic Hamiltonian flows: a generalized Bertrand's theorem 8-86131
- Onopko, D.E.**, Pashina, E.P., Starostin, N.V. Luminescence of hexavalent uranium ions in different crystalline matrices 8-84640
- Onorato, P.I.K.**, Uhlmann, D.R., Simonds, C.H. The thermal history of the Manicouagan impact melt sheet, Quebec 8-81167
- Onozuka, T.** see Kato, I. 8-53575
- Onsager, L.**, Staebler, D.L., Mascarenhas, S. Electrical effects during condensation and phase transitions of ice 8-67821
- Onsgaard, J.H.**, Morgen, P., Creaser, R.P. Convolution and deconvolution in Auger electron spectroscopy, with application to silicon 8-52601
- Onstad, C.A.** see Brakensiek, D.L. 8-61473
- Onufriuchuk, S.P.** see Fushchich, V.I. 8-49635
- Onuki, A.** see Nagai, T. 8-83921
- Onuki, H.** see Masuoka, T. 8-66731
- Onuki, Y.** see Tanuma, S. 8-72173
- Onuma, I.**, Ikegami, Y., Otsuka, I., Otsuka, H. Compact γ -ray irradiator for TLD 8-66452
- Onuma, I.** see Otsuka, I. 8-66426
- Onuma, M.** see Saito, T. 8-82467
- Onyszkiewicz, I.** see Pietrzak, J. 8-60561
- Onyszkiewicz, Z.** A simple model describing all types of collinear metamagnets 8-95410

- Oodate, H.**, Fujioka, T. Measurements of 4.2 μm CO_2 pressure broadening by using an HBr chemical laser 8-74704
- Ooe, M.** An optimal complex AR.MA model of the Chandler wobble 8-61304
- Oohashi, M.** see Nakanishi, T. 8-77215
- Ooi, T.** see Furuno, K. 8-50189
- Ooi, T.** see Katori, K. 8-58299
- Ooi, T.** see Motobayashi, T. 8-54787
- Ooms, G.**, Groen, G., De Graag, D.P., Ballintijn, J.F. On turbulent pipe flow with heat transfer and chemical reaction 8-51257
- Oomura, E.**, Hirano, R., Tanaka, T., Ishii, M., Susaki, W. TJS laser with buried p-region for high temperature CW operation 8-71111
- Oomura, E.**, Susaki, W., Ikeda, K., Ishii, M. Gain spectra in single mode oscillating (AlGa)As TJS lasers 8-55356
- Oomura, E.** see Hirano, R. 8-82985
- Oomura, E.** see Ikeda, K. 8-66831
- Oona, H.** see Sari, S.O. 8-88333
- Oono, Y.** Period $\approx 2^{\frac{1}{2}}$ implies chaos 8-62158
- Oort, A.H.** see Ellis, J.S. 8-73300
- Oort, A.H.** see Levitus, S. 8-65316
- Oort, J.H.** Eruptive phenomena near the galactic centre 8-57647
- Oort, J.H.** Remark on activity in nuclei of spiral galaxies different from that in Seyfert galaxies 8-57653
- Oostens, J.** see Berger, J. 8-70525
- Oostens, J.** see Bizard, G. 8-54643
- Oosterbaan, C.E.** A Westerbork 1415 MHz survey of background radio sources. IV. Angular size distribution and source count 8-96553
- Oosterkamp, W.J.** see Holland, L. 8-55077
- Oosthuizen, C.P.**, du Plessis, P. de V. Uniaxial magnetic anisotropy induced in a compression deformed iron single crystal 8-52336
- Oosthuizen, P.H.** Numerical study of combined convective heat transfer from a vertical cylinder in a horizontal flow 8-90893
- Oosthuizen, P.H.** Profile measurements in vertical axisymmetric buoyant air jets 8-90906
- Oostveen, K.** see Louwrier, P.W.F. 8-64862
- Oothoudt, M.** see Fong, J. 8-94008
- Oothoudt, M.** see Hoffmann, G.W. 8-62674
- Oothoudt, M.A.** see Freedman, S.J. 8-78304
- Oothoudt, M.A.** see Hoffman, G.W. 8-54760
- Oothoudt, M.A.** see Hoffmann, G.W. 8-70526
- Ootuka, A.** see Takagi, S. 8-91342
- Opanasenko, O.S.** see Arbuzov, M.P. 8-60312, 8-60608, 8-68302
- Opanasyuk, Y.D.** see Anokhov, S.P. 8-50829
- Opara, U.** see Haas, R. 8-66131
- Opasova, R.G.** see Lobanov, F.I. 8-61102
- Opat, G.I.** see Tovey, S.N. 8-66147
- Opekar, F.**, Stulik, K. Application of Kalousek polarography in stripping analysis 8-53290
- Opfermann, J.**, Menges, G. Influence of the configuration of crazes on the fracture of PMMA 8-76758
- Ophef, I.L.** see Marko, A.M. 8-61222
- Ophef, T.R.** see Zeller, A.F. 8-93935
- Opher, R.**, Politch, J., Felsteiner, J. The effect of the cyclotron resonance on the sensitivity of a flow discharge to millimeter-wave radiation 8-62222
- Opiela, H.** see Gentry, J. 8-81341
- Opik, E.F.** Magnetic damping of rotation 8-69646
- Opik, E.F.** Origin of asteroids and the missing planet 8-69732
- Opilski, A.** see Kochowski, S. 8-52111
- Opitz, Ch.** see Muller, H. 8-53257
- Oplensin, B.A.** see Yakutovich, M.V. 8-56654
- Oppergard, M.** Wind power [for teachers] 8-81770
- Oppen, G.v.**, Perschmann, W.-D., Szostak, D. Cascade-free lifetime measurements on the 1s3d-levels of He I 8-58607
- Oppenheim, I.** see Mukamel, S. 8-77764
- Oppenheim, I.** see Quentrec, B. 8-67806
- Oppenheim, U.P.** see Shoshan, I. 8-66858
- Oppenheimer, B.E.** see Turner, D.A. 8-65111
- Oppenhausser, H., Jr.** see Latanision, R.M. 8-68787
- Opperman, H.** see Bruckner, W. 8-76121
- Oppermann, H.** see Ritschel, M. 8-59823
- Oppermann, H.** see Terukov, E.I. 8-84268
- Oppliger, L.** see Kruglak, H. 8-54138
- Opnadolce, L.** see Falcon, C. 8-86943
- Oprea, Fl.**, Roman, R. Contributions to the oxidation mechanism of solid Cu_2S 8-85133
- Opsal, J.L.** see Uher, C. 8-64160
- Opyrchal, J.**, Bieganski, Z. Low temperature specific heats of samarium dihydride: antiferromagnetic ordering and crystal field splitting effects 8-84439
- Oraevskii, A.N.**, Pimenov, V.P., Rodionov, N.B., Schchelov, V.A. Gasdynamic laser using a $\text{D}_2\text{-HCl-He}$ mixture 8-50761
- Oraevskii, A.N.** see Krutova, V.G. 8-79015
- Oraevskii, A.N.** see Virnik, Ya.Z. 8-59001
- Oram, C.J.** see Amsler, C. 8-70397
- Oram, C.J.** see Bugg, D.V. 8-70396
- Oram, C.J.** see Waters, G. 8-82599
- Oran, E.S.**, Palmadesso, P.J., Ganguly, S. Low-altitude plasma line anisotropy 8-77414
- Oran, W.A.**, Naumann, R.J. Vacuum in the wake of space vehicles 8-74013
- Orance, W.** see Baltay, C. 8-70354
- Orance, W.** see Kalelkar, M. 8-89700
- Orange, G.**, Dubois, J., Fantozzi, G., Gobin, P.F. Slip systems in W_2C at ambient temperatures 8-84926
- Oranskii, L.F.** see Galkin, A.A. 8-86311
- Orava, R.** see Ermilova, D.I. 8-62468
- Oravcova, J.**, Murin, J., Rakos, M., Olcak, D. Proton nuclear magnetic resonance in paramagnetic $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$ 8-91962
- Oravec, J.**, Holy, K., Florek, M., Svandelik, J., Lastovka, R. A multi-filament flow corona counter of α -radiation 8-55094
- Oravec, J.** see Benovic, D. 8-90018
- Oravec, M.** see Cudworth, K.M. 8-73749
- Orazberdiev, Kh.A.** see Mamaev, V.M. 8-86917
- Orbach, R.** see Alexander, S. 8-80411
- Orbach, R.** see Bernasconi, J. 8-72114
- Orbach, R.** see Huang Liu, N.L. 8-68373
- Orbach, T.** see Holstein, T. 8-92105
- Orban, M.** see Koros, E. 8-61004
- Orbesen, S.D.** see Flynn, E.R. 8-62549
- Orbits, G.C.** see Dan Currie, G. 8-79138
- Orbukh, V.I.** see Lebedeva, N.G. 8-92121
- Orchard, A.F.** see Edgell, R.N. 8-94285
- Orchard, H.C.**, Walker, C.W. Experience in the provision and exercising of emergency arrangements at CEB nuclear power stations 8-55050
- Orcheson, J.N.**, Boswell, F.W., Corbett, J.M., Henning, C.A.O. The epitaxy of gold on sodium chloride with a continuous carbon intermediate film 8-84102
- Orcutt, J.L.** see Spudich, P.K.P. 8-81117
- Ord, J.L.** Self-nulling ellipsometer design 8-54440
- Ord, J.L.**, Clayton, J.C., Brudzewski, K. The effect of electrostriction on the anodic oxidation of tungsten 8-92394
- Ordan'yan, S.S.** see Fridlender, B.A. 8-91491
- Orden, J.W.** van see van Orden, J.W.
- Ordway, F.I.** see Seamans, R.C., Jr. 8-93071
- Ordynets, G.E.** Determination of mineralization time from the isotopic composition of lead sulfides 8-73372
- Orear, J.** see Conetti, S. 8-93905
- Orear, J.** see Hartmann, J. 8-62460
- Orecchia, L.** see Coen, V. 8-68844
- O'Reilly, M.B.** A phenomenological theory for ionic conductivity in solid electrolytes 8-83994
- O'Reilly, W.** see O'Donovan, J.B. 8-55856, 8-65276
- O'Reilly, W.** see Ozdemire, O. 8-56346
- O'Reilly, W.** see Tucker, P. 8-56345
- Orekhov, M.V.**, Uglov, A.A., Sokolova, T.N. Failure of target accompanying oblique incidence of laser radiation on its surface 8-94926
- Orel, A.** see Bender, C. 8-59002
- Orel, A.E.**, Miller, W.H. Infrared laser induced chemical reactions 8-80761
- Orel, A.E.** see Rescigno, T.N. 8-70882, 8-74591
- Orel, B.** see Angeloni, L. 8-60444
- Orel, B.I.** see Zautkin, V.V. 8-88195
- Oren, L.** see Schwirzke, F. 8-59681
- Oren, M.**, Quinton, A.R., Penchina, C.M. Effect of proton damage on optical modulation spectra of gallium arsenide 8-76487
- Oren, Y.** see Gelfand, N. 8-74274
- Oren, Y.** see Gidal, G. 8-58201
- Orens, J.H.** see Boris, J.P. 8-58473
- Orenstein, S.**, Rafanelli, K. The origin of the no-interaction theorem 8-93530
- Orent, T.W.**, Bader, S.O., Brodsky, M.B. Reconstruction of Ulr_3 (100) 8-75918
- Oreshchenko, L.P.** see Gorodinskii, G.M. 8-71164
- Orida, N.**, Mu-ming Poo Electrophoretic movement and localisation of acetylcholine receptors in the embryonic muscle cell membrane 8-85298
- Orient, I.M.**, Artemova, O.A., Davydova, S.L. Investigation of development of atomic absorption analysis by science metrics 8-61104
- Orishchin, E.M.** see Sinogeev, I.N. 8-78547
- Orito, S.** see Brandelik, R. 8-62416
- Orive, L.-M.** Cruz see Cruz Orive, L.-M.
- Orkin-Lecourtois, A.** see Baum, L. 8-89758
- Orlamunder, R.** see Feldner, E. 8-66849
- Orland, H.**, Schaeffer, R. Single particles states in nuclei 8-62477
- Orland, H.** see Giraud, B.G. 8-89811
- Orlandini, G.** see Stringari, S. 8-78292
- Orletskii, V.B.** see Bobitskii, Ya.V. 8-52074
- Orletskii, V.B.** see Kondratenko, M.M. 8-52010
- Orletskii, V.B.** see Lashkarev, G.V. 8-84397
- Orloff, J.**, Swanson, L.W. Fine-focus ion beams with field ionisation 8-76589
- Orlov, A.M.** see Boos, E.G. 8-74285
- Orlov, A.M.** see Dremyn, I.M. 8-89684
- Orlov, G.N.** see Karpasov, V.K. 8-76270
- Orlov, I.V.** see Gusev, V.M. 8-69116
- Orlov, K.I.** see Shalashov, G.I. 8-88606
- Orlov, L.N.** see Leshenyuk, N.S. 8-82826
- Orlov, M.S.** see Busarev, A.V. 8-84638
- Orlov, O.A.** see Tikhov, S.V. 8-88043
- Orlov, P.B.** see Grinshtein, P.M. 8-51681
- Orlov, R.V.**, Yanson, U.V., Veinald, Ya.Y. Photon count circuit using 521SA2 high-speed comparator 8-77979
- Orlov, V.A.** see Marennikov, S.I. 8-76467
- Orlov, V.G.** see Zhurba, Yu.I. 8-93778
- Orlov, V.K.**, Smorodin, A.I., Marchenko, L.D. Experimental study of the process of film condensation of nitrogen vapor from a mixture with helium 8-59941
- Orlov, V.M.** see Belov, M.L. 8-58915
- Orlov, V.V.** see Nakoryakov, V.E. 8-79299
- Orlov, Yu.L.**, Orlova, N.S. Asymptotic field determination method of wave diffraction by concave rotation bodies 8-82888
- Orlov, Yu.I.**, Vlasov, S.A. Asymptotic solution of Maxwell equations in the vicinity of the caustic edge 8-58882
- Orlov, Yu.I.** see Orlova, N.S. 8-86994
- Orlov, Yu.V.**, Tilyavov, A.A. Investigation into bound and resonance states of 2NN system using Fadeev equations 8-89804
- Orlova, A.** Effect of the dispersed phase $\gamma\text{-Ni}_3(\text{Al, Ti})$ in high-temperature creep of Fe-25Ni-15Cr alloys 8-64590
- Orlova, A.**, Milicka, K. Internal stress measured in copper single crystals in high-temperature creep 8-80608
- Orlova, G.I.** see Boos, E.G. 8-62530
- Orlova, L.A.**, Kuznetsov, A.A. Effect of surface treatment on the absorption of photochromic glasses 8-71168
- Orlova, N.S.**, Orlov, Yu.I. An asymptotic theory of diffraction of a planar electromagnetic wave by an ideally conducting solid of revolution 8-86994
- Orlova, N.S.** see Orlov, Yu.I. 8-82888
- Orlova, N.V.** see Khayr, V.A. 8-62512
- Orlova, T.I.** see Nemchinov, I.V. 8-91129
- Orlova, T.K.** see Bannykh, O.A. 8-95748
- Orlovskii, A.A.** see Panasyuk, V.V. 8-53138
- Orlovskii, A.G.** see Shklyarov, I.N. 8-92284
- Orlovskii, I.Yu.** see Anisimov, S.P. 8-88491
- Orlovskii, V.M.** see Bychkov, Yu.I. 8-71118
- Orlowska, E.** On a problem posed by Horn 8-57730
- Orlowska, E.** The Herbrand theorem for ω^* -valued logic 8-57731
- Orlowski, M.C.L.** Scattering model for Josephson behavior in thin films and other superconducting weak links 8-56261
- Orlowski, T.E.** see Zewail, A.H. 8-82054
- Ormaesen, D.E.**, Raade, G. Heat generation versus depth of crystallization for Norwegian monzonitic rocks 8-65228
- Ormandzhiev, S.I.** see Alikov, B.A. 8-74528
- Ormerod, E.J.** see Adrain, R.S. 8-88691
- Ormerod, M.B.** 'Real' models and physical properties [for teachers] 8-86064
- Ormes, J.**, Freier, P. On the propagation of cosmic rays in the Galaxy 8-57409
- Ormiston, P.T.** Measuring displacement with LVDT transducers 8-73978
- Ormond, D.** van see van Ormond, D.
- Ormond, D.W.** see Silvestri, V.J. 8-92197
- Ormondroyd, R.F.** see Jones, S.R. 8-60172
- Ormont, A.B.** see Panfilov, B.A. 8-95389
- Ornatskii, A.P.**, Chernobai, V.A., Vasil'ev, A.F., Furaev, V.S. Critical heat flux in annular channels with vortex generators with uniform and nonuniform heat injection length 8-83397
- Ornatskiy, A.P.**, Chernobai, V.A., Vasil'yev, A.F., Struts, G.V. Variation in the critical heat flux in the case of very nonuniform heat release along an annulus 8-51043
- Oron, A.**, Gutfinger, C. Diffusional combustion of hydrocarbons in air—a finite activation energy analysis 8-95930
- Oroshnik, J.** see Bascom, W.D. 8-68768
- Orpana, F.P.** see Cossalter, J.G. 8-57126
- Orphan, V.J.** see Reynolds, G.M. 8-85743
- Orpin, J.** A new instrument for electric convulsive treatment 8-53562
- Orre, B.** see Norlin, L.O. 8-64778
- Orringer, O.** see Harris, A. 8-88523
- Ors, J.** see Bethune, D.S. 8-80725
- Orsi, E.** Influence of bends on orifice meters 8-94859
- Orsini, N.** see Torr, D.G. 8-88954
- Orszag, S.A.** see Cha-Mei Tang 8-73447
- Orszagh, A.**, Kolinski, A., Les, J. Computer simulation of the polymer solution by means of the Monte-Carlo method 8-51404
- Ortbauer, H.** see Steiner, W. 8-76246, 8-84426
- Ortenberg, M.** von see von Ortenberg, M.
- Ortenberg, M.** von see Von Ortenberg, M.
- Ortenburger, I.B.** see Hartman, K. 8-76271
- Ortendahl, D.** see Stetz, A. 8-74247
- Ortengren, R.**, Lindstrom, L. Computerized analysis of localized muscle fatigue during repetitive loading 8-57103
- Orth, C.D.** see Buffington, A. 8-81512
- Orth, F.B.** see Stwalley, W.C. 8-90314

- Orth, H.** One hundred years: measurement of internal stress in electroplated coatings 8-56049
- Orth, R.G., Dunbar, R.C.** Photofragmentation of CH_3Cl^+ at 366 nm 8-58752
- Orthel, J.** *see* Burnett, T.H. 8-89853, 8-89854
- Ortiz, C.** *see* Epperson, J.E. 8-91303
- Ortolani, F.** *see* Bendazzoli, G.L. 8-90090
- Ortoleva, P.** Dynamic Pade approximants in the theory of periodic and chaotic chemical center waves 8-80716
- Ortoleva, P., DelleDonne, M.** Turbulent spatio-temporal dynamics in reacting-diffusing systems: results for a soluble model 8-56880
- Ortoleva, P.** *see* DelleDonne, M. 8-73019
- Ortoleva, P.** *see* Feinn, D. 8-80792
- Ortoleva, P.** *see* Lovett, R. 8-87765
- Orton, J.W.** *see* Blood, P. 8-60120
- Ortting, W.H.** *see* Lewis, J.W. 8-72488
- Orville-Thomas, W.J.** *see* Barnes, A.J. 8-62952
- Orville-Thomas, W.J.** *see* Walsh, B. 8-86858
- Orwig, L.E.** *see* Dennis, B.R. 8-93473
- Oryabinskii, V.V.** *see* Berkhoer, I.D. 8-74003
- Orzechowski, T.J.** *see* Poulsen, P. 8-66378
- Osabe, S.** *see* Goda, M. 8-63665
- Osadchev, L.A., Sotin, V.Ye.** Measurement of the acoustic surface wave losses in a planar optoacoustic device 8-74996
- Osadchev, L.A.** *see* Anikin, V.I. 8-90524
- Osadchev, L.A.** *see* Gudzenko, A.I. 8-74995
- Osadchuk, V.A.** Heat conduction problem for a closed cylindrical shell with a cross heat-insulated crack at heat exchange 8-90638
- Osadin, B.A.** *see* Babushkin, G.A. 8-50678
- Osafune, K., Kiki, T., Okano, Y.** Hybrid digital transmission system over optical fiber cables 8-90505
- Osaka, N.** Brightness exponent for the periphery in the Bloch region 8-69081
- Osaka, N.** *see* Akita, M. 8-53404
- Osaka, S.** *see* Toda, M. 8-51014
- Osaka, T.** Thermal properties of ferroelectric $\text{NaNH}_2\text{SO}_4 \cdot 2\text{H}_2\text{O}$ 8-83968
- Osaka, Y.** Note on life time of piezoelectric polaron (elimination of an infrared divergence) 8-76007
- Osaka, Y.** *see* Nakashita, T. 8-64008
- Osakada, K., Watadani, A., Sekiguchi, H.** Ductile fracture of carbon steel under cold metal forming conditions. I. Tension and torsion tests under pressure 8-52938
- Osaki, K., Uryu, N.** Magnetic properties of $[\text{C}(\text{NH}_2)_2]\text{V}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ at very low temperatures. II. Critical behavior of the magnetic specific heat 8-56340
- Osaki, Y.** *see* Soga, T. 8-81932, 8-81933
- Osamura, K., Murakami, Y.** Crystal structures of CuSnMg and Cu_3SnMg ternary compounds 8-91306
- Osamura, Y.** *see* Fujimoto, H. 8-85142
- Osamura, Y.** *see* Kitaura, K. 8-58584
- Osana, H.** *see* Kobayashi, T. 8-68666
- Osawa, T.** *see* Sawada, K. 8-57740
- Osborn, C.J.** *see* Maj, S. 8-68818
- Osborn, G.D.** *see* Duford, J.M. 8-92856
- Osborn, H.** Solutions of the Dirac equation for general instanton solutions 8-82100
- Osborn, M.L.** *see* Shilling, J.W. 8-56343
- Osborn, T.A.** *see* Eyre, D. 8-62106
- Osborn, T.R.** Measurements of energy dissipation adjacent to an island 8-85573
- Osborne, A., Stuart, A.E.G.** On the separability of the sine-Gordon equation and similar quasilinear partial differential equations 8-65784
- Osborne, A.D., Stuart, A.E.G.** Separable solutions of the two-dimensional sine-Gordon equation 8-89614
- Osborne, A.D.** *see* Holmes, J.L. 8-70968
- Osborne, A.M.** *see* Barber, D.P. 8-78189
- Osborne, D.W., Flotow, H.E.** Lithium nitride (Li_3N): heat capacity from 5 to 350K and thermochemical properties to 1086K 8-92500
- Osborne, D.W.** *see* Flotow, H.E. 8-91451
- Osborne, D.W.** *see* Lyon, W.G. 8-79781
- Osborne, J.A.** *see* Dower, G.E. 8-85447
- Osborne, J.L.** Propagation and distribution of cosmic rays in the Galaxy 8-69621
- Osborne, J.L., Adelberger, E.G., Snover, K.A.** Total width of the lowest $T=2$ state in ^{24}Mg 8-89870
- Osborne, J.L.** *see* Brindle, C. 8-77604
- Osborne, L.S., Bolon, C., Lanza, R., Luckey, D., Roth, D., Martin, J.F., Feldman, G.J., Franklin, M.E.B., Hanson, G., Perl, M.L.** Electroproduction of hadrons from nuclei 8-66267
- Osborne, L.S., Lanza, R., Luckey, D., Roth, D., Martin, J.F.** Residual proton production in deep-inelastic electron scattering 8-70381
- Osborne, W.N.** *see* Loiacono, G.M. 8-60556
- Osborne, W.Z.** *see* Allred, J.C. 8-73219
- Osbourne, G.C.** *see* Elliott, K.R. 8-56507
- Osburn, V.M.** *see* Silvestri, V.J. 8-92197
- Ose, T.** *see* Nakamura, T. 8-50726
- Oseledchik, Y.S., Miroshnik, G.A.** Kinetics of states of a two-level system in a field of two strong waves 8-74876
- Oseroff, S., Calvo, R., Johnston, D.C., Maple, M.B., McCallum, R.W., Shelton, R.N.** Electron spin resonance on $\text{Gd}_2\text{Mo}_2\text{Se}_8$ ($x=1.0$ and 1.2) 8-88184
- Oset, E., Weise, W.** Microscopic calculations of medium corrections to pion-nuclear elastic scattering 8-78418
- Osgood, R.M., Jr.** 1-mJ line-tunable optically-pumped 16 μm laser 8-66840
- Osgood, R.M., Jr.** *see* Brueck, S.R.J. 8-70905
- Osgood, R.M., Jr.** *see* Ehrlich, D.J. 8-78747
- O'Shaughnessy, J.O.** *see* Alldritt, M. 8-61623
- O'Shea, S.F.** A Monte Carlo study of the classical octopolar solid 8-75598
- O'Shea, S.F.** *see* Klein, M.L. 8-78773
- O'Shea, T.F.** *see* Rosenfeld, R.C. 8-59246
- Osherov, V.I., Ushakov, V.G.** The two-path dissociation $\text{H}+\text{H}_2 \rightarrow \text{H}+\text{H}+\text{H}$ 8-62875
- Osherov, V.I., Ushakov, V.G., Lomakin, L.A.** The exchange reaction $\text{H}_2(\nu=1)+\text{H}=\text{H}+\text{H}_2$ 8-60993
- Oshima, C.** *see* Aono, M. 8-63909
- Oshima, K., Kovasznay, L.S.G., Oshima, Y.** Sound emission from burning puff 8-94676
- Oshima, K.** *see* Egusa, S. 8-74514, 8-86695
- Oshima, M.** Determination of plasma gas temperature during reactive sputter etching 8-63586
- Oshima, M., Seki, M., Kawashima, I.** Quantitative analysis of Na in Si with SIMS 8-87688
- Oshima, M.** *see* Kawakami, K. 8-53465
- Oshima, N.** *see* Tsuchiya, A. 8-89079
- Oshima, T.** *see* Kashiwara, M. 8-74123
- Oshima, Y.** The game of passing-through of a pair of vortex rings 8-83409
- Oshima, Y.** *see* Oshima, K. 8-94676
- Oshinsky, J.S., Handel, S.** Syncopated auditory polyrhythms: discontinuous reversals in meter interpretation 8-55528
- Oshio, T.** *see* Masuoka, T. 8-66731
- Oshio, T.** *see* Otsuka, M. 8-55059
- Oshio, T.** *see* Sonoda, H. 8-81950
- Oshkaderov, S.P.** *see* Gridnev, V.N. 8-84870
- Oshkaderov, S.P.** *see* Ivashehin, O.M. 8-88484
- Oslas, J.R.** *see* Wilson, W.K. 8-79263
- Osika, V.D.** *see* Kliya, M.O. 8-71746
- Osikina, E.S.** *see* Kuklin, E.A. 8-67664
- Osiko, V.V.** *see* Aleksandrov, V.I. 8-88312
- Osiko, V.V.** *see* Basiev, T.T. 8-80417
- Osiko, V.V.** *see* Dmitryuk, A.V. 8-52573
- Osiko, V.V.** *see* Kaminski, A.A. 8-95593
- Osiko, V.V.** *see* Katsnel'son, A.A. 8-71728
- Osipenko, S.A.** *see* Starzhinskii, V.E. 8-68842
- Osipkov, L.P.** Models of gravitating discs in a phase description 8-69887
- Osipov, A.E.** Interpretation of the diffraction broadening of X-ray lines 8-94950
- Osipov, A.I.** *see* Dzhdzhoev, M.S. 8-53233
- Osipov, E.B.** Threshold singularity exhibited by thin films in quantising magnetic fields 8-87904
- Osipov, G.V., Terekhov, A.A.** On the nature of magnetic anomalies in the Black Sea 8-85473
- Osipov, N.K.** *see* Isayev, N.V. 8-69582, 8-73570
- Osipov, N.K.** *see* Ivanov, V.Ye. 8-69556
- Osipov, N.K.** *see* Kanonidi, Kh.D. 8-69287
- Osipov, V.V.** *see* Bychkov, Yu.I. 8-71118
- Osipov, V.V.** *see* Kerner, B.S. 8-57884
- Osipov, V.V.** *see* Levanyuk, A.P. 8-92045
- Osipov, V.V.** *see* Samokhvalov, A.A. 8-87981
- Osipov, Yu.A.** *see* Bondarenko, N.F. 8-51788
- Osipov, Yu.M.** *see* Yakutovich, M.V. 8-56654
- Osipova, I.I.** Reaction between silicon nitride and magnesium oxide during hot pressing 8-68658
- Osipova, I.L.** *see* Lankin, L.K. 8-69290
- Osipova, O.G., Maergoiz, I.I., Mikhailov, L.A., Sheremet'ev, V.A., Okorokov, G.N., Pugin, A.I., Klyuev, M.M., Il'in, S.V.** Investigation into gas conditions in plasma electric furnaces 8-94921
- Osip'yan, Yu.A., Petrenko, V.F.** Investigation of the mechanism of motion of charged dislocations in ZnSe 8-79820
- Osip'yan, Yu.A.** *see* Grazhulis, V.A. 8-72434
- Ositinskaya, T.D., Tsendrovskii, V.A., Vishnevskii, A.S.** An experimental device for measurement of thermal conductivity of diamond monocrystals 8-65921
- Oskam, A.** *see* Van Dam, H. 8-55201
- Oskam, H.J.** *see* Tracy, C.J. 8-63612
- Oskiko, V.V.** *see* Voronov, V.V. 8-49904
- Oskotskii, V.S.** *see* Zhdanova, V.V. 8-87797
- Osland, P.** *see* Faldt, G. 8-89875
- Osmachkin, V.S.** Problems of transient critical heat flux in rod bundles 8-94089
- Osmachkin, V.S.** *see* Aden, V.G. 8-94086
- Osman, A.** Perturbation of the Faddeev equations with tensor forces 8-70463
- Osman, A.** Faddeev equations for the nuclear break-up process 8-89842
- Osmer, P.S.** The CIO surveys for large redshift quasars 8-57692
- Osmer, S.R., Huyer, A.** Variations in the along-shore correlation of sea level along the west coast of North America 8-73381
- Osminia, V.S.** *see* Nurakhmetov, T.N. 8-71731
- Osmont, A.** *see* Bizard, G. 8-54643
- Osnes, E.** *see* Guttormsen, M. 8-50080
- Osnes, E.** *see* Pedersen, T. 8-78236
- Osnovin, V.A.** *see* Elkina, V.D. 8-92233
- Osokin, A.E.** Approximate solution of the problem of dynamic deformation of nonlinear hereditary materials 8-63319
- Osokin, A.E.** *see* Rakhmatulin, Kh.A. 8-79255
- Osorio, R., Majlis, N., Chao, K.A.** Molecular model of impurity bands in semiconductors 8-76018
- Osrwald, J.** *see* Manabe, T. 8-80892
- Ossakow, S.L., Chaturvedi, P.K.** Morphological studies of rising equatorial spread F bubbles 8-77410
- Ossakow, S.L., Chaturvedi, P.K., Workman, J.B.** High-altitude limit of the gradient drift instability 8-88984
- Ossakow, S.L., Zalesak, S.T., McDonald, B.E.** Ionospheric modification: an initial report on artificially created equatorial spread F 8-88972
- Ossakow, S.L.** *see* Huba, J.D. 8-88973
- Ossart, P.** *see* Torres, J. 8-92252
- Ossi, P.M.** *see* Bottani, C.E. 8-80576
- Ossipkov, L.P.** On the behavior of radial velocity dispersion at the outer regions of spherical systems of gravitating bodies 8-61720
- Ossipkov, L.P.** On one general expression for the potential of spherical stellar systems 8-93386
- Ostanin, Yu.Ya.** *see* Belikov, E.G. 8-88610
- Ostapchenko, E.P.** *see* Borisovskii, S.P. 8-90444
- Ostapchenko, E.P.** *see* Leontev, V.G. 8-71079
- Ostapchenko, Ye.P.** *see* Zabortseva, T.A. 8-74883
- Ostapchuk, N.V., Zhidko, V.I., Odinokov, V.A., Zelinskii, G.S.** Optimum control of processes of heat and mass transfer during drying 8-67006
- Ostapenko, I.T.** *see* Strashinskii, A.G. 8-88687
- Ostapenko, N.I., Sugakov, V.I., Chernomoretz, M.P., Shpak, M.T.** Deformation potential constants of exciton-phonon interaction in naphthalene 8-56498
- Ostapenko, N.S.** *see* Bondarenko, N.F. 8-51788
- Ostapenko, S.S., Budyanski, V.I., Sheinkman, M.K.** Anisotropy of the absorption by impurity centers in hexagonal crystals 8-88343
- Ostapenko, V.A.** *see* Kurochka, L.N. 8-73694
- Ostapenko, V.A.** *see* Pestov, I.V. 8-88525
- Ostapenko, Yu.B.** *see* Zhuchko, V.E. 8-54808
- Ostapoff, F.** *see* Proni, J.R. 8-81177
- Ostapoff, F.** *see* Stewart, R.H. 8-77337
- Ostashev, V.E., Tatsarskii, V.I.** A series of folding of back scattering problems of wave propagation in inhomogeneous media 8-73862
- Ostashevsky, I.Ya., Sungurov, A.Yu.** Fluorescence study of Ehrlich ascites carcinoma cells after X-irradiation 8-69143
- Ostberg, G.** *see* Liljestrand, L.-G. 8-80629
- Osten, D.** *see* Perko, L. 8-65983
- Osten, W.** von der *see* von der Osten, W.
- Ostenon, J.E.** *see* Peterson, D.T. 8-88056
- Ostenon, J.E.** *see* Verhoeven, J.D. 8-76203
- Oster, D., Wagnanski, I., Dziomba, B., Fiedler, H.** On the effect of initial conditions on the two dimensional turbulent mixing layer 8-90848
- Oster, L., Sieber, W.** Pulsar radiation patterns. IV. Four-frequency study of the single-pulse structure of PSR 0329+54 8-53972
- Oster, L., Sieber, W.** Pulsar radiation patterns. V. Synopsis of results and conclusions concerning the physical mechanism 8-53973
- Oster, S.** Survey results on the benefits of water pollution abatement in the Merrimack River Basin 8-61456
- Osterbrock, D.E.** Optical emission-line spectra of Seyfert galaxies and radio galaxies 8-57643
- Osterbrock, D.E.** Physical state of the emission-line region [in active galactic nuclei] 8-57650
- Osterbrock, D.E.** Observational model of the ionized gas in Seyfert and radio-galaxy nuclei 8-93420
- Osterfeld, F.** *see* Baur, G. 8-50175
- Osterholtz, F.D.** *see* Blackwell, C.S. 8-86340
- Osterhout, M.M.** Operation of the water-to-sodium leak detection system at the experimental breeder reactor II 8-78484
- Osterhout, M.M.** Operational experience with EBR-II water-to-sodium leak detection system 8-86760
- Ostermeier, R.M., Cromar, M.W., Kittel, P., Donnelly, R.J.** Steady-state vortex-line density in turbulent He II counterflow 8-95198
- Osterstock, F.** *see* Chermant, J.L. 8-60808
- Osteryoung, J.G.** *see* Rowley, P.G. 8-92488
- Ostgaard Olsen, J.** *see* Andersen, T. 8-50623
- Ostgaard Olsen, J.** *see* Horsdal Pedersen, E. 8-58794
- Ostling, G.** *see* Strandberg, M. 8-88666
- Ostlund, S.** *see* Berker, A.N. 8-67908
- Ostner, W.** *see* Chan, S.-K. 8-76928

- Ostrach, S.**, Pradhan, A. Surface-tension induced convection at reduced gravity 8-83374
- Ostras, V.N.**, Penzin, V.I. Changes in the separated flow caused by throttling of a supersonic flow in a round duct 8-63446
- Ostrem, J.S.** A sampling series representation of the gain and refractive-index formulas for a combined homogeneously and inhomogeneously broadened laser line 8-50748
- Ostrem, J.S.** *see* Krishnan, K.S. 8-59091, 8-79070
- Ostriker, J.P.** *see* Hausman, M.A. 8-93404
- Ostro, P.T.**, Harrison, L. A method of recording ultrasound B-scans on a video tape-recorder 8-77095
- Ostro, P.T.**, Harrison, L. Digital ultrasonic imaging with microprocessor manipulation 8-96082
- Ostro, S.J.**, Pettengill, G.H. Icy craters on the Galilean satellites? 8-61789
- Ostro, S.J.** *see* Campbell, D.B. 8-61788
- Ostrofsky, B.** Materials identification in the field 8-95876
- Ostroukhova, I.I.**, Shlyapnikov, G.V. Infrared radiation transfer in a nonequilibrium molecular gas 8-50599
- Ostroukhova, I.I.**, Shlyapnikov, G.V. Radiation of a molecular gas in the lines of Lorentz profile 8-71268
- Ostroumov, V.J.** *see* Shabratova, G.S. 8-82359
- Ostrovskaya, L.Ya.** *see* Lotkova, E.N. 8-50762
- Ostrovskii, A.E.**, Matveev, P.S., Shlyakhoviy, V.P., Dubik, B.S. Experience in parallel recording of tidal tilts through digital print-out and photorecording channels 8-88785
- Ostrovskii, B.I.**, Rabinovich, A.Z., Sonin, A.S., Strukov, B.A. Dielectric properties of the helixing smectic liquid crystal 8-60380
- Ostrovskii, B.I.**, Taraskin, S.A., Strukov, B.A., Rabinovich, A.Z., Sonin, A.S., Chernov, N.I. Specific heat of smectic liquid crystal DOBAMBC in wide temperature range 8-91250
- Ostrovskii, G.A.**, Ryskind, A.M. Effect of the distribution of residual compressive stresses on the concentration of resulting stresses in a notched sample 8-92336
- Ostrovskii, I.V.**, Polovina, A.I. Correlation memory in LiNbO₃ plates 8-88001
- Ostrovskii, I.V.** *see* Burlii, P.V. 8-55483
- Ostrovskii, M.A.** *see* Vanin, A.F. 8-53323
- Ostrovskii, V.F.** *see* Belov, K.P. 8-88199
- Ostrovskii, V.I.** *see* Chukin, V.T. 8-53760
- Ostrovskii, V.N.** *see* Demkov, Yu.N. 8-94040
- Ostrovskii, V.S.** *see* Kilin, V.S. 8-60857
- Ostrovskii, Yu.K.** *see* Kutukov, V.B. 8-66875
- Ostrovskii, Yu.N.** *see* Tolubinskii, V.I. 8-55552, 8-59273, 8-75055, 8-83234, 8-83235, 8-90639
- Ostrovskiy, G.I.** *see* Mikhaylov, A.V. 8-69578
- Ostrovsky, L.A.**, Soustova, I.A., Sutin, A.M. Nonlinear and parametric phenomena in dispersive acoustic systems 8-55489
- Ostrovsky, V.N.** *see* Nikitin, S.I. 8-58821
- Ostrovsky, Yu.N.** *see* Tolubinskii, V.I. 8-90656
- Ostrow, H.G.** *see* Plexico, P.S. 8-73283
- Ostrowiecki, H.** *see* Hague, C.F. 8-74604
- Ostrowska-Maciejewska, J.** On a punch indentation problem with an isolated slip line 8-79286
- Ostrowski, A.** Physical phenomena in an ideal MOS structure 8-52092
- Ostrowski, J.**, Wojciechowski, J. The generation of a turbulent boundary layer in unsteady flow 8-90828
- Ostrowski, K.W.** *see* Jaguszyn, W. 8-74545
- Ostrowski, M.** Significance of neutrinos in cosmology 8-89276
- Ostrowsky, D.B.**, Gilabert, A., Vanneste, C., Papuchon, M., Puech, B. Optical waveguides for superconductor studies and devices 8-66955
- Ostrowsky, N.** *see* Bezot, P. 8-50702
- Ostwald, J.**, Lusk, J. Sulfide fabrics in some nickel sulfide ores from Kambalda, Western Australia 8-77229
- Osuch, W.** *see* Siwecki, T. 8-52807
- O'Sullivan, G.** *see* Carroll, P.K. 8-54471
- O'Sullivan, M.J.** *see* Horne, R.N. 8-79320
- O'Sullivan, W.J.** *see* Scheibner, B.A. 8-71871
- O'Sullivan, W.J.** *see* Sorensen, C.M. 8-78913
- Osumi, M.** *see* Kunitomo, T. 8-94246
- Osvey, M.**, Biro, T. Aluminium oxide thermoluminescent dose meter used for dosimetry after accidental gamma radiation 8-57076
- Osvenskii, V.B.** *see* Govorkov, A.V. 8-72040
- Osvenskii, V.B.** *see* Verner, V.D. 8-71787
- Osvetinskii, A.A.** *see* Safonov, O.A. 8-93716
- Oswald, K.M.** *see* Straume, T. 8-96104
- Oswald, R.S.**, Ohring, M. Conversion electron Mossbauer study of amorphous FeSi thin films 8-84507
- Oswald, R.S.**, Ron, M., Ohring, M. Conversion electron Mossbauer studies of amorphous Fe-Si thin films 8-72440
- Ospowski, E.T.** *see* Olsson, M.G. 8-74259
- Ota, K.**, Eguchi, H. The automatic observation of whistlers 8-89014
- Ota, K.**, Eguchi, H. The automatic measurement of the dispersion of whistlers 8-93050
- Ota, K.** *see* Kowaka, M. 8-56824
- Ota, R.**, Yamata, T., Soga, N., Kunugi, M. Elastic properties of Ge-Se glass under pressure 8-79658
- Ota, S.** *see* Tanaka, W. 8-61850
- Ota, T.**, Narita, M. Turbulence measurements in a separated and reattached flow over a blunt flat plate 8-94660
- Ota, T.**, Takahashi, S., Kobayashi, T. Impurity effect on interface morphology of AlGaAs LPE on corrugated GaAs substrates 8-88435
- Ota, Y.** *see* Matsuda, T. 8-96124
- Otaguchi, M.** *see* Oguchi, A. 8-76711, 8-76795
- Otala, M.** *see* Tiitto, S. 8-85059
- Otani, S.** *see* Oya, A. 8-68922
- Oteniyazov, E.** *see* Khiznichenko, L.P. 8-51597
- Otepka, G.** Practical experience in the rectification of MSS images 8-88940
- Othen, D.G.** Studies in the organonitrogen chemistry of tin and neighbouring elements 8-60456
- Othmer, H.G.**, Aldridge, J.A. The effects of cell density and metabolite flux on cellular dynamics 8-85296
- Othmer, H.G.**, Aldridge, J.A. The effects of cell density and metabolite flux on cellular dynamics 8-88701
- Otieno, A.V.** Homogeneous saturation of the 6328 Å neon laser transition due to collisions in the weak collision model 8-78995
- Otis, G.** *see* Lachambre, J.L. 8-63127
- Otis, G.** *see* Lachambre, J.-L. 8-55362
- Otis, G.** *see* Lafigne, P. 8-78990
- Otis, G.** *see* Lavigne, P. 8-71075
- Otkhorik, Yu.** Influence of the fragmentary structure on galvanomagnetic effects in semiconductor films 8-84327
- Otko, A.I.**, Nesterenko, N.M., Povstyanyi, L.V. Phenomenological approach to structural phase transitions in trigonal double molybdates and tungstates. [Ferroelectricity] 8-51674
- Otrocka, E.P.** *see* Goldwasser, D.J. 8-72823
- Otomo, J.**, Nishiyama, S., Konno, Y., Shibayama, K. UHF range SAW filters using group-type uni-directional interdigital transducers 8-59252
- Otomo, S.** *see* Tomii, K. 8-54846
- Otomo, T.** *see* Furuta, T. 8-89947
- Otpushchennikov, N.F.**, Kir'yakov, B.S., Melikhov, Yu.F. Generalised equation of state for some liquid n-paraffins derived from acoustic measurements 8-51642
- Otschik, P.** The effect of oxygen impurities on the electron tunnelling 8-80100
- Otsu, Y.**, Kobayashi, T., Shinozuka, T., Ihara, T., Aoyama, S. Measurement of rain attenuation at 35 GHz along the slant paths at two sites with a height difference of 3 km 8-85671
- Otsuka, A.**, Mori, K., Kawamura, T. A fractographic investigation of fatigue crack initiation and initial growth in mild steel 8-52957
- Otsuka, A.** *see* Kawashima, Y. 8-95707
- Otsuka, A.** *see* Sunada, H. 8-95706
- Otsuka, E.** *see* Matsuda, O. 8-84135
- Otsuka, E.** *see* Nakata, H. 8-84565
- Otsuka, E.** *see* Sanada, T. 8-84249
- Otsuka, H.** *see* Onuma, I. 8-66452
- Otsuka, H.** *see* Otsuka, I. 8-66426, 8-86696
- Otsuka, I.**, Onuma, I., Otsuka, H. A versatile, highly sensitive thermoluminescence dosimeter reader 8-66426
- Otsuka, I.**, Otsuka, H. Low dose measurements by thermoluminescence dosimeter 8-86696
- Otsuka, I.** *see* Onuma, I. 8-66452
- Otsuka, K.** Observations of spontaneous phase locking of LiNdP₂O₇ lasers 8-83005
- Otsuka, M.**, Sato, K., Oshio, T. Relation between photographically observed electron beam spot of a synchrotron and the amplitude of betatron oscillation 8-55059
- Otsuka, R.** *see* Asano, S. 8-76656
- Otsuka, S.** The theory of secondary flow in cascades 8-83412
- Otsuka, S.**, Matsuyama, M., Kozuka, Z. The diffusivity of oxygen in liquid copper-lead alloys 8-51713
- Otsuka, S.** *see* Ueno, H. 8-95170
- Otsuka, T.**, Arima, A. A new seniority scheme for non-degenerate single particle orbits 8-74315
- Otsuka, T.**, Arima, A., Iachello, F., Talmi, I. Shell model description of interacting bosons 8-62493
- Otsuka, T.**, Miyauchi, E., Ogino, T. Automated measurement system for optical fibers 8-50909
- Otsuka, T.** *see* Arima, A. 8-54672
- Otsuki, S.** *see* Imachi, M. 8-66089
- Otsuki, T.** Diffraction by two parallel slits in a plane 8-49671
- Otsuki, T.** *see* Tanaka, I. 8-92570
- Ott, E.** Theory of Rayleigh-Taylor bubbles in the equatorial ionosphere 8-77409
- Ott, E.**, Russell, D.A. Diffuse-boundary Rayleigh-Taylor instability 8-94911
- Ott, H.R.**, Batlogg, B., Kaldis, E., Wachter, P. Magnetic-, thermal- and transport properties of Tm₂Se(0.87<x<1.05) 8-68239
- Ott, H.R.**, Hulliger, F., Stucki, F. Low-temperature thermal properties of rocksalt-type cerium compounds 8-84445
- Ott, H.R.**, Kjems, J.K., Andres, K. Crystal-field transitions in PrCu₂ near the cooperative Jahn-Teller transition at T_J=8K 8-84178
- Ott, H.R.** *see* Hulliger, F. 8-60292
- Ott, K.H.** *see* Röllgen, F.W. 8-65998
- Ott, K.O.** *see* Theofanous, T.G. 8-58380
- Ott, R.J.** *see* Alper, B. 8-70414
- Ott, R.J.** *see* Brown, R.M. 8-82231
- Ott, W.** *see* Feist, J.H. 8-54965
- Ottavi, C.M.** *see* Maltese, P. 8-94983
- Ottavi, H.**, Clerc, J., Giraud, G., Roussenq, J., Guyon, E., Mitescu, C.D. Percolation processes in mixtures of conducting and insulating particles 8-60097
- Ottavi, H.** *see* Mitescu, C.D. 8-60098
- Ottaviani, G.** *see* Canali, C. 8-79821
- Otte, B.** *see* Frebel, M. 8-72795
- Otte, V.A.** *see* Smathers, J.B. 8-96098
- Otten, A.M.M.** *see* Brongersma, H.H. 8-76968
- Otten, E.-W.** *see* Dabkiewicz, P. 8-54680
- Otten, E.-W.** *see* Neugart, R. 8-89557
- Ottenberger, W.** *see* Bohdansky, J. 8-95629
- Otter, G.**, Rudolph, G., Wiecek, H., Lanius, K., Nowak, S., Morrison, D.R.O., Saarikko, H., Schmid, P., Triantis, F.A., Barnham, K.W.J., Pollock, B., Thornton, P.R., Macnaughton, J., Rohringer, H. Spin-parity analysis of the $\pi^+\pi^-$ system in the reaction $K^+p \rightarrow K^-\pi^+\pi^+p$ at 10, 14.3 and 16 GeV/c 8-82251
- Otter, G.** *see* Laven, H. 8-66163
- Otter, G.J.** *see* den Otter, G.J.
- Otterloo, J.D.** *see* van Otterloo, J.D.
- Otterlund, I.** *see* Jakobsson, B. 8-66297
- Ottersten, H.** *see* Hagard, A. 8-57318
- Otteson, O.H.** *see* Lind, V.G. 8-89913
- Ottewell, D.** *see* Auld, E.G. 8-78382
- Ottinger, C.** Chemiluminescence in ion-molecule reactions 8-64832
- Ottinger, C.**, Simonis, J., Setser, D.W. Spectroscopic study of electronic energy transfer from N₂(A) and CO(A) to NO in a beam experiment 8-82716
- Ottinger, P.**, Guillory, J., Lashinsky, H. Plasma convection instability in an inhomogeneous magnetic field 8-67340
- Ottinger, P.F.** *see* Goldstein, S.A. 8-50323
- Ottl, D.** *see* Andresen, K. 8-87312
- Otto, H.** *see* Summerer, K. 8-82313
- Otto, H.H.** *see* Holzapfel, W. 8-52538
- Otto, J.** *see* Feuerbaum, H.P. 8-58096
- Otto, K.** *see* Laud, K.R. 8-91694
- Otto, L.** The transit time distribution for the waters along the Netherlands coast 8-65336
- Otto, O.W.**, Gerard, H.M. Nonsynchronous scattering loss in surface-acoustic-wave reflective-array-compression filters 8-71246
- Otto, R.J.**, Morrissey, D.J., Lee, D., Ghiorso, A., Nitschke, J.M., Seaborg, G.T., Fowler, M.M., Silva, R.J. A search for super-heavy elements with half-lives between a few minutes and several hundred days, produced in the ⁴⁸Ca+²⁴⁸Cm reaction 8-74390
- Otto, R.J.**, Morrissey, D.J., Seaborg, G.T., Loveland, W.D. Large contribution of deep inelastic processes to reactions of ⁴⁰Ar and ⁴⁸Ca with ²³⁸U 8-70565
- Otto, R.J.**, Seaborg, G.T., Fowler, M.M. Recoil range distributions of heavy mass products in deep inelastic reactions with gold and uranium targets 8-66309
- Ottobriani, G.** *see* Zamorani, E. 8-61064
- Ou Chia-Chih** *see* Chia-Chih Ou
- Ou Jenn-Wuu** *see* Jenn-Wuu Ou
- Oualid, J.** *see* Martinuzzi, S. 8-76113
- Ouchi, H.** *see* Ueda, I. 8-95555
- Ouchi, H.** *see* Yokobori, A.T., Jr. 8-77157
- Ouchi, K.** *see* Iwasaki, S. 8-95491
- Ouchterlony, F.** Self-similar pressure profiles in the symmetrically extending plane crack 8-69340
- Oudar, J.** Metal surfaces: structure and initial stages of reactivity 8-68837
- Oudar, J.**, Marcus, Ph. Influence of S in solid solution on the dissolution and passivation of Ni in an acid medium 8-64771
- Oudar, J.** *see* Moison, J.M. 8-84076
- Oudar, J.hf2** *see* Peralta, L. 8-76134
- Oudemans, P.** *see* Eggermont, G.E.J. 8-51199
- Ouden, L.W.J.** *see* den Ouden, L.W.J.
- Oudet, X.** Valency and ionicity in spinels 8-52229
- Ouedraogo, A.**, Chanussot, G., Berger, H. Determination of the phase transitions in BaTiO₃ type crystals by using the theory of symmetry breaking 8-83950
- Ouellet, Y.** *see* Villeneuve, J.P. 8-93654
- Ouellette, P.E.** Mutual inertia 8-49590
- Oughton, T.V.** *see* Carson, P.L. 8-69162

- Ouillon, R.**, Breuillard, C., Soussen-Jacob, J., Tsakiris, J. Raman and infrared band shapes and dynamics of molecular motions for N_2O in solution: ν_1 and ν_3 bands in liquid solvents at various temperatures 8-64352
- Ouillon, R.** *see* Holzer, W. 8-90175
- Ouligian, G.** *see* Goldsmith, W. 8-80909
- Ounnas, C.** *see* Azzopardi, M. 8-57462
- Ounnas, Ch.** *see* Bijauoi, A. 8-53834
- Ouseph, P.J.**, DuBard, J.L. An experiment to demonstrate the energy broadening of annihilation gamma rays 8-73814
- Ouseph, P.J.**, Mostovych, A. An experiment to measure range, range straggling, stopping power and energy straggling of alpha particles in air 8-73815
- Ousset, J.C.** *see* Fert, A.R. 8-80339
- Outen, G.E.** A computing integrator correction factor derived for a GLC internal standard overlying other peaks 8-76960
- Outhwaite, C.W.** Modified Poisson-Boltzmann equation in electric double layer theory based on the Bogoliubov-Born-Green-Yvon integral equations 8-94955
- Outlaw, D.A.** *see* Westerfeldt, C.R. 8-78377
- Outlaw, D.G.** *see* Houston, J.R. 8-92849
- Outred, M.** Tables of atomic spectral lines for the 10000 Å to 40000 Å region 8-50490
- Ouwens, C.D.** *see* Schins, W.J.H. 8-64560
- Ovadia, M.** On-line real time pattern recognition of ECG for cardiac arrhythmias diagnosis 8-85439
- Ovakimova, N.K.** On the question about the sources of energy in red giants with neutral kernel 8-93197
- Ovakimova, N.K.** *see* Vartanyan, Yu.L. 8-96390
- Ovander, L.N.**, Tyu, N.S. Raman effect on non-dipole vibrations of molecular crystals 8-76471
- Ovander, L.N.** *see* Lyubchanskii, I.L. 8-60478
- Ovanesyan, K.L.** *see* Petrosyan, A.G. 8-63687
- Ovazza, D.** *see* Willis, A. 8-50184
- Ovcharenko, A.I.** *see* Baisa, D.F. 8-84495
- Ovcharenko, F.D.** *see* Boiko, Yu.P. 8-53249
- Ovcharenko, G.M.** *see* Bukhonin, Yu.S. 8-82035
- Ovcharenko, V.D.** *see* Lunev, V.M. 8-51384
- Ovcharenko, V.V.** *see* Sechkaryov, A.V. 8-72506
- Ovchinnikov, A.A.** *see* Berezhevskii, A.M. 8-80124, 8-92101
- Ovchinnikov, A.A.** *see* Krivnov, V.Ya. 8-62149
- Ovchinnikov, A.A.** *see* Zel'dovich, Ya.B. 8-60990
- Ovchinnikov, A.N.** *see* Shaulov, A.Yu. 8-51450
- Ovchinnikov, A.O.** The allowance for the finite conductivity at magneto-hydrodynamic wave propagation in homogeneous media 8-63553
- Ovchinnikov, A.O.** *see* Krasil'nikov, V.N. 8-66766
- Ovchinnikov, A.P.** *see* Leiman, V.G. 8-70220
- Ovchinnikov, F.Ya.**, Sedov, V.K., Sergunov, V.T., Kruglov, V.P., Zlepko, V.F., Kalinin, V.P., Degtyannikov, Yu.F. Periodic inspection of the state of the metal making up the vessel of water-moderated-water-cooled reactors 8-72984
- Ovchinnikov, S.G.** *see* Kuz'min, E.V. 8-67934, 8-67969
- Ovchinnikov, S.G.** *see* Loseva, G.V. 8-67942
- Ovchinnikov, V.M.** *see* Kamach, Yu.E. 8-71029
- Ovchinnikov, Yu.N.** Penetration of an electric field into a superconductor. II 8-76188
- Ovchinnikova, E.N.** *see* Kolpakov, A.V. 8-67677
- Ovchinnikova, G.I.** *see* Devyatkov, M.N. 8-78890
- Ovchinnikova, N.A.** *see* Chernov, Z.S. 8-94919
- Ovechkis, N.S.**, Provorov, F.F., Temerin, A.S. Colour atlas for colour organization in film production 8-93776
- Ovechkis, Yu.N.** To the problem of holographic screens production 8-90404
- Oved, Y.** *see* Avinor, M. 8-51264
- Overberger, C.G.**, Guterl, A.C., Jr., Kawakami, Y., Mathias, L.J., Meenakshi, A., Tomono, T. Recent developments in the use of polymers as reactants in organic reactions 8-95923
- Overbo, I.** Large-q form factors for light atoms 8-58589
- Overbo, I.** Large-q form factors for light atoms 8-70734
- Overbo, I.** Pair production by photons, screening corrections for intermediate and high energies 8-93986
- Overeijnder, H.**, Haring, A., De Vries, A.E. The sputtering processes of alkali halides during 6 keV Xe^+ ion bombardment 8-88392
- Overeijnder, H.** *see* Szymonski, M. 8-68590
- Overend, J.** *see* Blanke, J.F. 8-78677
- Overend, J.** *see* Golden, W.G. 8-55172, 8-74654
- Overend, J.** *see* Jeannotte, A.C. II 8-55160
- Overend, J.** *see* Marcott, C. 8-58648, 8-86866
- Overhauser, A.W.** Charge-density waves and isotropic metals 8-79947
- Overhauser, A.W.** *see* Appel, J. 8-87902
- Overhauser, A.W.** *see* Banik, N.C. 8-84131
- Overhauser, A.W.** *see* Boriack, M.L. 8-56123, 8-84157, 8-95658
- Overhof, H.**, Knecht, J., Fischer, R., Hensel, F. Photoelectron spectroscopy studies and calculation of the energy bands of CsAu and RbAu 8-76581
- Overhof, H.** *see* Movaghar, B. 8-88167
- Overhoff, T.** *see* Stover, D. 8-55399
- Overill, R.E.** *see* Dixon, M. 8-58586
- Overington, I.**, Brown, M.B. Some simple mathematical methods for derivation of optical image quality data from edge sharpness 8-50722
- Overington, I.**, Crowther, A.G. The influence of noise and quality on subjective performance 8-53416
- Overis, M.P.** Fretting wear and fatigue of sprayed molybdenum 8-88583
- Overisy, V.M.** Lead isotopes in Archaean plutonic rocks 8-65223
- Overseth, O.** *see* Edwards, R.T. 8-82393
- Overseth, O.E.** *see* Bunce, G. 8-93878
- Overseth, O.E.** *see* Heller, K. 8-82253
- Overshott, K.J.** *see* Hill, S. 8-95460
- Overshott, K.J.** *see* Morgan, J.V.S. 8-95459
- Overstuiizen, T.** *see* Mueller, R.M. 8-54377
- Ovilko, O.G.** *see* Borisov, V.F. 8-94451
- Ovshinsky, S.R.**, Adler, D. Local structure, bonding, and electronic properties of covalent amorphous semiconductors 8-51882
- Ovsiannikov, V.D.** *see* Kielich, S. 8-59076
- Ovsiannikov, V.D.** *see* Manakov, N.L. 8-55142, 8-55143
- Ovsienko, A.K.**, Kachan, Yu.G., Artem'ev, V.V. Analysis of the electric circuit of a tensometer with a one-piece sensitive element 8-49824
- Ovsienko, D.E.**, Maslov, V.V., Afintsev, G.A. The mechanism by which soluble impurities influence the crystallization of tin 8-71692
- Ovsienko, S.N.** Calculation of storm surges in the Sea of Azov 8-96231
- Ovsyankin, V.P.** *see* Kosilov, M.S. 8-86299
- Ovsyannikov, A.** *see* Keszei, C. 8-63574
- Ovsyannikov, A.I.**, Klochkov, V.P., Kozlov, L.F., Ivanov, V.P., Kovalenko, B.D. Investigation of the structure of the flow of solutions of a polymer in a rectangular channel by means of a laser anemometer 8-59486
- Ovsyannikov, S.B.** *see* Beesarabskii, Yu.G. 8-78032
- Ovsyannikova, N.A.** *see* Boltysanskii, A.G. 8-86371
- Ovsyannikova, N.V.** *see* Il'in, M.A. 8-83048
- Ovsynnikov, M.I.** *see* Alyabina, N.A. 8-95354
- Owen, C.S.** High gradient magnetic separation of erythrocytes 8-53585
- Owen, C.S.**, Jaffe, E.K., Wilson, D.F. Application of a superconducting susceptometer to biological samples 8-57154
- Owen, C.S.**, Nadler, W. Automatic operation of a superconducting magnetic susceptibility instrument for biological samples 8-57153
- Owen, D.A.** *see* Calmet, J. 8-58601
- Owen, D.R.** *see* Coleman, B.D. 8-70080, 8-71272
- Owen, D.R.J.**, Haward, R.N., Burberry, A. The detergent stress-cracking of polythene 8-53006
- Owen, E.W.**, Larock, B.E., Kia, A. A force-balance shear force instrument 8-51263
- Owen, F.** *see* O'Dell, S.L. 8-93440
- Owen, F.N.**, Porcas, R.W., Mufson, S.L., Mof-fett, T.J. Observations of radio sources with flat spectra 8-81697
- Owen, F.N.** *see* Burns, J.O. 8-57662
- Owen, F.N.** *see* Schnopper, H.W. 8-65691
- Owen, I.B.** *see* Hayes, W. 8-79933
- Owen, J.C.** Independent pair correlations in a cluster expansion formalism 8-73922
- Owen, J.F.** *see* Boyd, R.W. 8-82972
- Owen, M.J.**, Griffiths, J.R. Evaluation of biaxial stress failure surfaces for a glass fabric reinforced polyester resin under static and fatigue loading 8-72836
- Owen, T.** *see* Danehy, R.G. 8-85898
- Owen, T.** *see* Rushneck, D.R. 8-77460
- Owen, T.C.** *see* Lane, A.L. 8-93133
- Owen, W.S.** *see* DeCristofaro, N. 8-84821
- Owens, A.**, Macgregor, A.E. Simple technique for determining the mean lifetime of the cosmic ray μ meson [for teachers] 8-81752
- Owens, A.J.** An algorithm for generating fluctuations having any arbitrary power spectrum 8-73927
- Owens, D.K.** *see* Allen, G.R. 8-91127
- Owens, H.D.** *see* Frank, L.A. 8-85801
- Owens, J.F.** On the Q^2 dependence of parton fragmentation functions 8-62359
- Owens, J.F.**, Reya, E. Hadronic γ production, parton distributions, and quantum chromodynamics 8-78142
- Owens, J.F.** *see* Gluck, M. 8-78139
- Owens, N.B.**, Richmond, P. Hamaker constants and confining rules 8-68934
- Owens, R.O.** *see* Findlay, D.J.S. 8-50151
- Owens, W.H.**, Rutter, E.H. The development of magnetic susceptibility anisotropy through crystallographic preferred orientation in a calcite rock 8-56286
- Owicki, J.C.**, Scheraga, H.A. Monte Carlo free energy calculations on dilute solutions in the isothermal-isobaric ensemble 8-92498
- Owren, H.M.**, Baker, W.R., Hopkins, D.B., Acker, R.C. The Lawrence Berkeley Laboratory power supply system for neutral beam source development 8-66393
- Owren, H.M.** *see* Hopkins, D.B. 8-66394
- Owsley, D.P.** *see* Leader, J.C. 8-50846
- Owyong, A.** Continuous wave coherent Raman gain spectroscopy 8-58057
- Owyong, A.** High-resolution CW stimulated Raman spectroscopy in molecular hydrogen 8-70973
- Owyong, A.** *see* Boling, N.L. 8-83025
- Oxburgh, E.R.**, Parmentier, E.M. Thermal processes in the formation of continental lithosphere 8-65234
- Oxburgh, E.R.**, Turcotte, D.L. Mechanisms of continental drift 8-92813
- Oxburgh, E.R.** *see* Turcotte, D.L. 8-65242
- Oxley, A.J.** Bubble chamber film exposure for measurement by HPD 8-58553
- Oxley, D.** *see* Rapp, D. 8-81275
- Oxtoby, D.W.** The calculation of pair polarizabilities through continuum electrostatic theory 8-86769
- Oxtoby, D.W.**, Levesque, D., Weis, J.-J. A molecular dynamics simulation of dephasing in liquid nitrogen 8-75523
- Oxton, I.A.**, Knop, O. Infrared spectra of the ammonium ion in crystals. V. Tutton's salts: a correlation of vibrational frequency and hydrogen-bonded N...O distance for the ammonium ion 8-92066
- Oya, A.**, Otani, S. Three phase catalytic graphitization of a phenolic resin carbon by use of nickel particles 8-68922
- Oya, H.** Generation mechanism of proton cyclotron echoes due to pulsed radio frequency waves in space plasma 8-77407
- Oya, M.** *see* Kyotani, H. 8-70988
- Oyamada, M.** *see* Sugawara, M. 8-74515
- Oye, H.A.** *see* Grjotheim, K. 8-71873
- Oye, H.A.** *see* Linga, H. 8-87779
- Oyinloye, J.O.** On the seasonal variation of absorption of radio waves in the equatorial ionosphere 8-85762
- Oystaeyen, B.** Van *see* Van Oystaeyen, B.
- Oytana, C.** *see* Bornier, L. 8-72818
- Oytana, C.** *see* Delobelle, P. 8-68713, 8-76675
- Oytana, C.** *see* Varchon, D. 8-63806
- Oyvin, V.N.** *see* Kuznetsov, Yu.N. 8-83484
- Oza, B.J.** *see* Prior, E.J. 8-81291
- Ozaki, H.** *see* Fujita, S. 8-64477, 8-80470
- Ozaki, H.** *see* Mori, N. 8-64170
- Ozaki, K.** Decay of K_S in a relativistic quark model 8-66109
- Ozaki, M.** *see* Murakami, A. 8-92339
- Ozaki, R.** *see* Yamamoto, S. 8-52867
- Ozaki, S.** *see* Etkin, A. 8-89743
- Ozaki, S.** *see* Higashi, S. 8-55081
- Ozaki, Y.** *see* Nakau, T. 8-87651
- Ozaki, Y.** *see* Suzuki, K. 8-90115
- Ozarski, R.**, Kobierecki, M., Rienecker, F., Merritt, B. Shiva laser beam diagnostics 8-59037
- Ozarski, R.** *see* Suski, G. 8-59034
- Ozarski, R.G.** *see* Simmons, W.W. 8-59032
- Ozawa, J.** *see* Greenwood, J.R. 8-51366
- Ozawa, K.** *see* Nasu, S. 8-50253
- Ozawa, L.** Reply to 'Comments on "Random-walk model of energy transfer in cathodoluminescence"' 8-72611
- Ozdamar, O.** *see* Dallos, P. 8-92642
- Ozdemire, O.**, O'Reilly, W. Magnetic properties of monodomain aluminium-substituted titanomagnetite 8-56346
- Ozeki, M.** *see* Mori, H. 8-73211
- Ozeki, T.**, Uematsu, T., Ito, T., Yamamoto, M., Unno, Y. Half-duplex optical transmission link using an LED source-detector scheme 8-71214
- Ozelci, F.** A suggestion on the possible significance of volcanic activity in the tectonic development of the Eastern Mediterranean region 8-69318
- Ozernoi, L.M.**, Usov, V.V. The nature of pulsar gamma-rays 8-53975
- Ozernoi, L.M.** *see* Gorelik, G.E. 8-81717
- Ozernoy, L.M.** *see* Kurskov, A.A. 8-77630
- Ozerov, V.N.** Determination of the local skin friction coefficient from measurements of turbulent velocity profiles at transonic velocities 8-67214
- Ozerov, Yu.V.** *see* Friedrich, H. 8-89551
- Ozheredzhyan, A.A.**, Karayan, G.S. Voltage cutoff criterion of reversal junctions of multi-layer structures 8-72244
- Ozhev, K.Kh.** *see* Bruskov, V.M. 8-59109
- Ozier, I.** *see* Kagann, R.H. 8-78684
- Ozier, I.** *see* Meerts, W.L. 8-94232
- Ozier, I.** *see* Verberne, J. 8-70852
- Ozima, M.** *see* Sumino, Y. 8-92818
- Ozima, M.** *see* Toriumi, K. 8-51481

- Ozima, Y.** *see* Kawahara, M. 8-75857
Ozimek, E.J., Leisure, R.G., Hsu, D.K. Reversal of the Hall field in indium 8-72135
Oziraner, A.S. Optimal motion stabilization with respect to part of the variables 8-86145
Ozisk, M.N. A note on the general formulation of phase change problem as heat conduction problem with a moving heat source 8-91420
Ozisk, M.N., Kress, T.S. Effects of internal circulation velocity and noncondensable gas on vapor condensation from a rising bubble 8-50258
Ozisk, M.N. *see* Cho, C. 8-94590
Ozisk, M.N. *see* Hassab, M.A. 8-94683
Ozmutlu, E.N. *see* Martin, A.D. 8-50051, 8-82230
Ozoe, H., Okamoto, T., Sayama, H., Churchill, S.W. Natural convection in doubly inclined rectangular boxes 8-94708
Ozsvath, I. *see* Hiromoto, R.E. 8-65824
Ozturk, K. Electrical conduction in sulphides 8-64045
Ozver, Z. *see* Krochmann, J. 8-54433
Ozvold, M. *see* Nagy, P. 8-81915
- Paakkari, T.,** Halonen, V. Experimental Compton profiles for some alkali halides 8-64426
Paakkari, T. *see* Manninen, S. 8-90013
Paar, H.P. *see* Hansl, T. 8-74244, 8-89698, 8-89860
Paar, H.P. *see* Holder, M. 8-55103
Paar, V., Brant, S. Asymptotic cancellation for the tensor M1 operator versus particle-vibration coupling away from doubly closed shell nuclei 8-50082
Paar, V., Brant, S. An exact selection rule for l-forbidden M1 transitions in the particle-vibration coupling for degenerate single-particle oscillator shells 8-78278
Paar, V. *see* Hesselink, W.H.A. 8-58249
Paar, V. *see* Heyde, K. 8-78343
Paar, V. *see* Lopac, V. 8-54708
Paasch, G. Theory of angle-resolved photoemission. The role of electron diffraction in the XPS spectra 8-64446
Paasch, G. *see* Bartos, I. 8-64078
Pabst, D. *see* Nagel, M. 8-93968
Pabst, H.J. *see* Thompson, M.W. 8-68594
Pacak, V. *see* Zulicke, L. 8-64833
Pacansky, J., Dalal, N.S., Bagus, P.S. SCF ab-initio ground state potential energy surfaces for HCN and HCN⁻ 8-78646
Pacansky, J., Dupuis, M. The structure of the ethyl radical 8-62722
Pacansky, J., Hermann, K. Ab initio SCF calculations on molecular silicon dioxide 8-86781
Pacansky, J. *see* Burland, D.M. 8-73059
Pacati, F.D., Giusti, C., Boffi, S. The geminal product approximation in spherical nuclei 8-66230
Pacault, A. *see* de Kepper, P. 8-80726
Pacault, A. *see* Loll, P. 8-64517
Paccanoni, F. *see* Gatto, R. 8-89629, 8-89815
Pace, P.W. Compact, sealed single-mode TEA CO₂ laser 8-50810
Pace, S. *see* Cucolo, A.M. 8-84353, 8-95399
Pacer, J.C., Hill, J.C., Shirk, D.G., Talbert, W.L., Jr. Decay of mass-separated ¹⁴³Ba to levels in ¹⁴³La 8-50129
Pacey, R.A. *see* Stander, C.M. 8-83768
Pacha, F., Paschke, F. Negative conductivity in semiconductors due to transfer of hot electrons in geometric space 8-56150
Pache, W. Measuring the mean static pressure in turbulent or high frequency fluctuating flow 8-57889
Pacher, O. *see* Schintlmeister, W. 8-92365
Pachinger, O. *see* Joskowicz, G. 8-88736
Pachkoria, K.V. *see* Skvorchevskii, A.K. 8-70115
Paciga, J.E. *see* Scott, R.N. 8-81076
Paciotti, M.A. *see* Amols, H.I. 8-53508
Pack, D.W. Sulfate behavior in Eastern US precipitation 8-92962
Pack, J.L. *see* Feldman, D.W. 8-50808, 8-79037
Pack, R.T. Anisotropic potentials and the damping of rainbow and diffraction oscillations in differential cross sections 8-50608
Packan, N.H., Coghlan, W.A. Injecting irradiation samples with a uniform concentration of helium using curium-244 8-79648
Packer, M.E., Coyle, R.A. Modification of texture by fatigue and its application to fatigue metering 8-88477
Packman, A.B. *see* Larson, R.S. 8-63466
Packman, P.F. *see* Noronha, P.J. 8-56726
Paczynski, B. Accretion discs 8-89175
Paczynski, B., Zytow, A.N. Hydrogen shell flashes in a white dwarf with mass accretion 8-57550
Paczynski, B. *see* Alcock, C. 8-89167
- Padaki, V.C.** *see* Katyal, S.C. 8-71780
Padalia, B.D. *see* Ghatikar, M.N. 8-55136
Padalka, V.G. *see* Aksenov, I.I. 8-87439
Padalka, V.G. *see* Lunev, V.M. 8-51385
Padawer, G.M. *see* D'Agostino, M.D. 8-85238
Padden, F.J. *see* Malm, D.L. 8-51805
Padden, R.R. *see* Leavitt, M.K. 8-77429
Paddi Reddy, S. *see* Prasad, R.D.G. 8-64361
Paddock, E.F. *see* Evans, D.A. 8-61219
Padel, L. *see* Monteil, J.B. 8-51426
Paderno, V.N., Martynenko, A.N., Gaevskaya, L.A. Degree of charging of surfaces polished with titanium carbide and synthetic diamond micropowders 8-60880
Paderno, V.N. *see* Ageeva, V.S. 8-60601
Paderno, V.N. *see* Pilyankevich, A.N. 8-60610
Paderno, Yu.B. *see* Bessaraba, V.I. 8-60043
Padezhnova, E.M. *see* Drits, M.E. 8-56619
Padgitt, H.R. Zoom lens design by pocket calculator 8-55423
Padgug, R.A. *see* Jain, A.K. 8-90379
Padiyar, K.R. *see* Doreswamy, C.V. 8-71621
Padma, V.A. *see* Rama Chary, C. 8-70829
Padmakar *see* Tripathi, G.N.R. 8-80420
Padmakar, G.N.R. Tripathi *see* Tripathi Padmakar, G.N.R.
Padman, R. Reduction of the baseline ripple on spectra recorded with the Parkes Radio Telescope 8-69703
Padmanabha, K.N. *see* Chandrasekaran, H. 8-64799
Padmanabham, K.P. *see* Mukherjee, A.K. 8-81301
Padmanabhan, P.K., Joshi, L.U., Venkateswarlu, C., Ganguly, A.K. A rapid method for the separation of radium from Tuwa spring waters for determining the activity ratio of ²²³Ra/²²⁶Ra 8-86962
Padmanabhan, V.M., Busing, W.R., Levy, H.A. Barium chloride dihydrate by neutron diffraction 8-75639
Padova, S. *see* De Padova, S.
Padovan, J. Traveling loads on viscoelastic plates on nonlinear foundations 8-63331
Padovini, G. *see* Bertolaccini, M. 8-57070
Padrick, T.D., Palmer, R.E., Riley, M.E., Palmer, M.A. The effects of gain saturation on the beam quality of a high-power atomic iodine laser 8-63149
Padrick, T.D. *see* Jones, E.D. 8-90438
Padst, R., Elssner, G. Bond fracture strength in ceramic-to-metal joints 8-76826
Paduan Filho, A., Palacio, F., Carlin, R.L. Phase boundaries of antiferromagnetic Cs₂[FeCl₄(H₂O)] 8-84420
Paduch, M. *see* Densus, S. 8-83615
Padula, M. A uniqueness theorem for anisotropic plasma dynamics 8-79415
Padula, S.L., Liu, C.H. Acoustic scattering of point sources by a moving prolate spheroid [aircraft noise appl.] 8-94458
Padureanu, L., Rapeanu, S., Rotarescu, G., Craciun, C., Deciu, N. Two body interaction potential sensitivity on the dynamic structure factor in liquid sound 8-67638
Padureanu, I., Rapeanu, S., Rotarescu, Gh., Craciun, C., Mateescu, N., Timis, P. Study of collective motions in liquid Bi by cold neutron scattering 8-67639
Pae, K.D. *see* Elias, H.G. 8-52877
Paech, F. *see* Bonilla, I.R. 8-90210
Paegele, J. *see* Welch, R.M. 8-81369
Paek, U.C., Runk, R.B. Physical behavior of the neck-down region during furnace drawing of silica fibers 8-83127
Paek, U.C. *see* Kurkjian, C.R. 8-64554
Paerschke, H. *see* Herrmann, J. 8-58664
Paeslack, V. *see* Roessler, H. 8-53581
Paesler, M.A. Ionised impurity scattering in semiconductors with spatially variable dielectric functions 8-51986
Paesler, M.A., Queisser, H.J. Photo-Hall-effect measurements of ionised impurity scattering in GaAs 8-56182
Paetz-Gen.-Schieck, H. *see* Bechtold, V. 8-55065
Paetzold, F. *see* Engel, R.R. 8-85407
Paevskii, A.V. *see* Gaitskii, V.A. 8-65432
Paez, R., Hernandez, L.C., Jarmillo, J.I., Prieto, P., Rodriguez, J., Fritsch, G. ESR of silicon oxide thin-film capacitors 8-68358
Pagannone, M. *see* Fornari, B. 8-68510, 8-78711
Pagano, N.J. Stress fields in composite laminates 8-67038
Pagano, N.J. Free edge stress fields in composite laminates 8-67039
Pagava, S.V. *see* Povinec, P. 8-74544
Page, A. *see* Besse, P. 8-81030
Page, B.C. *see* Bewley, D.K. 8-53477
Page, B.C. *see* Waterman, F.M. 8-73249
Page, B.E.J. On the abundance of sulphur in H II regions 8-54018
Page, B.M. Franciscan melanges compared with olistostromes of Taiwan and Italy 8-81159
Page, C.H. Electromagnetism in non-Reimannian space 8-77737
- Page, D.A.** A method of processor control utilizing refrigerated pre-exposed control strips and visual comparative densitometry 8-69210
Page, D.E. *see* Domingo, V. 8-61671
Page, D.N. Taub-NUT instanton with an horizon 8-89392
Page, D.N. *see* Belinskii, V.A. 8-65857
Page, J.B. *see* Robbins, D. 8-68519
Page, J.B. *see* Strauch, D. 8-75771
Page, R. *see* Fiore, R. 8-50016
Page, R.H. *see* Merz, R.A. 8-94740
Page, Y. *see* Le Page, Y.
Pagel, B.E.J., Edmunds, M.G., Fosbury, R.A.E., Webster, B.L. A survey of chemical compositions of H II regions in the Magellanic Clouds 8-93381
Pagel, B.E.J. *see* Mallia, E.A. 8-93238
Pagels, H. *see* Bender, C.M. 8-54545
Pages, M. *see* Cousson, A. 8-63702
Pages, M. *see* Jove, J. 8-88231
Pages, M. *see* Quarton, M. 8-63725
Paget, D. *see* Cavenett, B.C. 8-80252
Paget, S. *see* Hawkes, G.E. 8-86897
Pagiola, E. *see* Bosetti, P.C. 8-70357
Pagiola, E. *see* Gavillet, P. 8-70409
Pagiola, E. *see* Gavillet, Ph. 8-89736
Paglia, S. *see* Gratton, L.M. 8-68942
Pagliari, M. Milan city heat island in winter quarter 8-53709
Paglietti, A. About the universal deformations of a thermo-elastic-plastic medium 8-49666
Paglietti, A. Quasi-perfect elasticity. I. Theoretical foundations 8-63285
Paglietti, A. On thermodynamics of relaxation and creep processes in the theory of viscoelastic materials with fading memory 8-71282
Pagni, P.J. *see* Shih, T.M. 8-75232, 8-91033
Pagnia, H. *see* Lehr, S. 8-95336
Pagnier, P. *see* Albernhe, F. 8-93107
Pagny, C. *see* Agraives, B.C. 8-92434
Pagter, J. *see* de Pagter, J.
Pagurek, B. *see* Green, D. 8-53551
Pagurek, B. *see* Sherif, O. 8-53557
Pahl, M. *see* Handle, F. 8-67528
Pahl, M. *see* Holzmann, P. 8-67529
Pahl, M. *see* Stori, H. 8-91169
Pahler, A. *see* Schussler, M. 8-85931
Pahor, S. *see* Diallo, B. 8-80947
Pahuta, P., Karel, V., Hyspecka, L., Mazanec, K. A contribution to the study of hydrogen effect on fracture characteristics of martensite 8-60746
Pai, B.R., Michelfelder, S., Spalding, D.B. Prediction of furnace heat transfer with a three-dimensional mathematical model 8-59504
Pai, H.L., Andrews, D.G. Empirical formulas for 14 MeV (n,p) cross sections 8-70517
Pai, H.L. *see* Lin Pai, H.
Pai, K.F., Parker, T.J., Tornberg, N.E., Lown-des, R.P., Chambers, W.G. Determination of the complex refractive indices of solids in the far-infrared by dispersive Fourier transform spectroscopy. I. Alkali halides 8-80322
Pai, K.F., Parker, T.J., Tornberg, N.E., Lown-des, R.P., Chambers, W.G. Determination of the complex refractive indices of solids in the far-infrared by dispersive Fourier transform spectroscopy. II. Pseudo-displacive ferroelectrics 8-92042
Pai, K.F. *see* Rastogi, A. 8-59908
Pai, S.I. Wave motion of small amplitude of a fully ionized plasma under gravitational field 8-94913
Pai Verneker, V.R., Kannan, M.P. The role of defects in the thermal decomposition of barium azide 8-73033
Paiano, G., Paveri Fontana, S.L. An exact method for the evaluation of the S matrix for the Yukawa potential problem 8-82120
Paisova, L. *see* Akimchenko, I.P. 8-84619
Paidassi, S., Spitz, J., Besson, J. Chemical vapor deposition of Nb₂Ge on continuous stainless-steel tapes 8-76204
Paige, A. *see* Principe, J.C. 8-73278
Paige, F.E. *see* Mohapatra, R.N. 8-70305
Paigne, J. *see* Thiry, P. 8-84143
Paik, H. *see* Alam, M.S. 8-66167
Paik Sung, C.S., Schneider, N.S. Structure-property relationships of polyurethanes based on toluene di-isocyanate 8-80509
Paikens, G.P. *see* Bariss, V.O. 8-52006
Paikens, G.R. *see* Kirson, Ya.E. 8-91710
Pailer, N., Kissel, J., Schneider, E. A capacity type detector for measuring low velocity dust particles during a slow fly-by cometary mission 8-93113
Pailthorpe, A. *see* Chan, D.Y.C. 8-83704
Pailthorpe, B.A. *see* Chan, D.Y.C. 8-71973, 8-75513
Pailthorpe, B.A. *see* Mitchell, D.J. 8-83708, 8-83709
Paine, B.M., Kennett, S.R., Sargood, D.G. (p,p) resonance strengths in the s-d shell 8-66281
Painter, G.S. Bonding of oxygen on aluminium: Relation between energy-band and cluster models 8-52048
Painter, G.S. Bonding in a Cu (001) monolayer 8-72233

- Painter, G.S.** Theoretical models of the electronic structure at surface irregularities 8-80031
- Painter, G.S.** Level ordering of states in a Cu (001) monolayer 8-91748
- Painter, R.B.** Does ultraviolet light enhance postreplication repair in mammalian cells? 8-92678
- Pais, V.** *see* Gratton, R. 8-51321
- Paisner, J.A.,** Solaz, R.W., Worden, E.F., Conway, J.G. Identification of Rydberg states in the atomic lanthanides and actinides 8-82701
- Paisner, J.A.,** Spaeth, M.L., Gerstenberger, D.C., Ruderman, I.W. Generation of tunable radiation below 2000 Å by phase-matched sum-frequency mixing in $\text{KB}_2\text{O}_8 \cdot 4\text{D}_2\text{O}$ 8-55407
- Paisner, J.A.** *see* Worden, E.F. 8-66522, 8-94303
- Paiss, Y.** *see* Zweigenbaum, S. 8-83611
- Paiva-Veretennicoff, I.** *see* Balescu, R. 8-71453
- Paixao, F.J.** *da see* da Paixao, F.J.
- Paja, A.** The electrical conductivity of partially ordered FeCo alloy 8-91663
- Pajaczowska, A.** *see* Piekarczyk, W. 8-80464
- Pajak, Z.,** Latanowicz, L. NMR-relaxation study of diamagnetic ion solvation in methanol solutions 8-56389
- Pajares, C.,** Pascual, R. Analysis of $\pi\pi$ and $\pi\pi$ multiplicities 8-66172
- Pajdowska, M.** *see* Kolodziej, H.A. 8-77936
- Pajot, B.** *see* Carton-Merlet, F. 8-52534
- Pak, A.P.** *see* Khrapkov, A.A. 8-76766
- Pak, A.S.,** Tarasov, A.V., Uzhinskiy, V.V., Tseren, Ch. Internuclear reactions at high energies 8-94028
- Pak, C.O.** *see* Fukushima, M. 8-62409
- Pak, G.T.** *see* Gribkovskii, V.P. 8-90416
- Pak, H.** *see* Kitchen, J.C. 8-85563
- Pak, N.K.** Vacuum degeneracy and confinement in the massive Schwinger model 8-78090
- Pak, N.K.** A particlelike solution in chiral dynamics 8-89612
- Pak, N.K.** Consistency and Lorentz invariance in the massive Schwinger model 8-89613
- Pak, W.L.** *see* Lo, M.V.C. 8-64993
- Pak Hasong** *see* Hasong Pak
- Pak Kvan** Ir Surface charge waves in a metal 8-64077
- Pake, G.E.** The role of the American Physical Society in implementing changes in career opportunities for physicists 8-62046
- Paker, Y.** *see* Dhanendran, M. 8-96110
- Pakeva, S.V.,** Kolentsov, K.M., Balchev, N.A., Vateva, E.M. Peculiarities of ZnS electroluminescence after light-field effect 8-84658
- Pakhomov, E.P.,** Yartsev, I.M. Experimental determination of the length and characteristics of the initial section of a laminar flow in a stabilized electric arc 8-91177
- Pakhomov, E.P.** *see* Afanasjev, A.A. 8-71593
- Pakhomov, E.P.** *see* Asinovsky, E.I. 8-71564
- Pakhomov, E.P.** *see* Asinovsky, E.I. 8-71594, 8-87551
- Pakhomov, L.M.** Broadband pulse amplifier with 300-watt output power 8-86302
- Pakhomov, V.V.** *see* Kobrin, M.M. 8-53911
- Pakhomova, E.S.** *see* Kravchenko, V.F. 8-67014
- Pakhomovskii, Ya.A.** Analytic expressions for emission wavelengths and absorption edges 8-61111
- Pakhotin, V.A.** The polarization of radio waves in the SW range on a slant path 8-73573
- Pakhotin, V.A.** *see* Zakrevskii, V.A. 8-88411
- Pakiari, A.H.** Multi-Gaussian calculation with specific geometric positioning of the orbitals for the first row of the periodic table 8-94182
- Pakkanen, T.A.,** Whitten, J.L. Electron density and density matrix approximations using potential energy error bounds 8-94180
- Pakkas, P.R.** *see* Fridkin, V.M. 8-89574
- Pakula, T.,** Morawiec, J., Swietoslawski, J., Kryszewski, M. Melt-spun polypropylene fibers with helical orientation. I. Morphology and mechanical properties characterization 8-75569
- Pakvasa, S.** *see* Dobson, P.N., Jr. 8-89712
- Pakvasa, S.** *see* Ma, E. 8-66038
- Pal, A.F.** *see* Lopantseva, G.B. 8-71612
- Pal, A.A.K.** *see* Bhattacharyya, S.K. 8-68060
- Pal, A.K.** *see* Ghosh, N.C. 8-68455
- Pal, A.K.** *see* Malhotra, G.L. 8-91561
- Pal, B.K.** Comments on the correlation function in deep inelastic scattering 8-74261
- Pal, D.,** Kelly, R.E. Thermal convection with spatially periodic nonuniform heating: nonresonant wavelength excitation 8-94699
- Pal, D.** *see* Kelly, R.E. 8-59392
- Pal, L.** Thoughts on the future on account of the great Promethean act 8-70580
- Pal, P.C.** *see* Nag, K.R. 8-67075
- Pal, S.,** Urrutia, J.F., Nairn, A.E.M. A paleomagnetic study of certain Mesozoic formations in northern Mexico—Comments [and Reply] 8-57164
- Pal, S.** *see* Carrillo C., R. 8-85733
- Pal, S.R.,** Carswell, A.I. Polarization properties of lidar scattering from clouds at 347 nm and 694 nm 8-85689
- Pal, S.R.,** Ryan, J.S., Carswell, A.I. Cloud reflectance with laser beam illumination 8-85686
- Pal Singh Om** *see* Om Pal Singh
- Palacio, F.** Crystal-field calculations with trigonal bipyramidal symmetry potential. II. Weak-field matrices at nonzero spin-orbit coupling for a $d^{3,7}$ configuration 8-76029
- Palacio, F.** Crystal-field calculations with trigonal bipyramidal symmetry potential. III. $d^{4,6}$ configurations 8-76030
- Palacio, F.** Crystal-field calculations with trigonal bipyramidal symmetry potential. IV. d^5 configuration 8-76031
- Palacio, F.** *see* Paduan Filho, A. 8-84420
- Paladin, G.** *see* Longoni, S. 8-50941
- Palaiya, R.M.** *see* Srivastava, K.N. 8-67091
- Palancz, B.** *see* Endrenyi, S. 8-94546
- Palanduzyan, Yu.Kh.** *see* Izvozhikov, V.A. 8-86396
- Palangie, E.** Mn^{2+} in MgO Q band electron spin resonance spectrum 8-64262
- Palaniappan, P.R.** *see* Ramaswamy, K. 8-55158
- Palanisamy, R.** *see* Lord, W. 8-88595
- Palanna, O.G.,** Shashi Mohan, A.L., Biswas, A.B. Electrical and magnetic properties of 3d-transition metal vanadates 8-51991
- Palatnik, L.S.,** Fedorenko, A.I., Savitskii, B.A., Shpakovskaya, L.P. The study of periodic misfit-dislocation networks by the electron diffraction method 8-59815
- Palatnik, L.S.,** Kopach, G.I. Switching and memory effects in single-crystal CdTe films 8-76174
- Palatnik, L.S.,** Kopach, G.I., Sokol, A.A. Structure of CdTe films grown in a quasi-closed volume 8-75952
- Palatnik, L.S.,** Nikitskii, V.P., Cheremskoi, P.G., Tartakovskaya, I.Kh., Svechnik, V.P., Kovaleva, O.I., Zhukov, G.V. Structural singularities and porosity of vacuum-deposited polycrystalline aluminium 8-75950
- Palatnik, L.S.,** Ravlik, A.G., Samofalov, V.N. Influence of biaxial stresses on the domain structure of 'supercritical' films 8-88153
- Palatnik, L.S.** *see* Fuks, M.Ya. 8-87884
- Palatnik, L.S.** *see* Il'inskii, A.I. 8-60717
- Palavra, A.M.F.** *see* Calado, J.C.G. 8-64876
- Palazzi, P.** *see* Hansl, T. 8-74244, 8-89698, 8-89860
- Palazzi, P.** *see* Holder, M. 8-55103
- Palchik, M.Ya.** *see* Fradkin, E.S. 8-86420
- Paldus, J.,** Cizek, J., Saute, M., Laforge, A. Correlation problems in atomic and molecular systems. VI. Coupled cluster approach to open-shell systems 8-58595
- Paldy, L.G.** Addendum to 'Unexpected rewards' 8-62001
- Palekar, M.G.** *see* Gopalakrishnan Nair, C.V. 8-63438
- Palencia, E.** *see* Sanchez *see* Sanchez Palencia, E.
- Palenius, H.P.** *see* Kohl, J.L. 8-94218
- Palenzona, L.M.** An autonomous system for orbit injection 8-65485
- Palevsky, H.** *see* Binon, F. 8-54804
- Palevsky, H.** *see* Hoffmann, G.W. 8-62674
- Paley, C.** *see* Bramwell, F.B. 8-89284
- Palfalvi, J.** Thermal and intermediate energy neutron flux density determination for accident dosimetry purposes using thick gold foils 8-82536
- Palffy-Muhoray, P.,** Balzarini, D. Critical constants and density dependence of the Lorenz-Lorentz coefficient for germane 8-92041
- Palii, I.S.** *see* Borodai, S.P. 8-88314
- Palik, E.D.,** Gibson, J.W., Holm, R.T., Hass, M., Braunstein, M., Garcia, B. Infrared characterization of surfaces and coatings by internal-reflection spectroscopy [laser windows] 8-71161
- Palik, E.D.,** Ginsburg, N., Holm, R.T., Gibson, J.W. Optical studies of the anodic oxide on GaAs 8-95613
- Palik, E.D.** *see* Holm, R.T. 8-60180
- Palinkas, G.** *see* Kalman, E. 8-55788, 8-95935
- Palistrant, M.E.** Compatibility of BCS pairing and the Peierls distortion in two-band systems 8-88068
- Palika, R.,** Sikora, R. Reverse problem of penetration of electromagnetic field into conducting region 8-94357
- Palke, W.E.** *see* Parr, R.G. 8-66485
- Pal, Z.** *see* Szegi, T. 8-59836
- Palla, G.,** Eppel, D., Strobusch, U. Possible higher order processes seen in four-nucleon transfer 8-82327
- Pallavicini, R.** Observational aspects of flare phenomena 8-93192
- Palleschi, G.** *see* Ascoli, R. 8-62095
- Palley, N.** *see* Bisera, J. 8-81054
- Pallotti, C.,** Pallotti, G. Forced oscillations in large vessels of circulatory system 8-85329
- Pallotti, G.** *see* Pallotti, C. 8-85329
- Pallottino, G.V.,** Pizzella, G. On the electrical equivalent circuits of gravitational-wave antennas 8-73915
- Palluconi, F.D.** *see* Chase, S.C., Jr. 8-57440
- Palm, G.** *see* Marr, D. 8-53413
- Palma, A.** *see* Alippi, A. 8-59149, 8-79170
- Palma, C.** *see* Cesini, G. 8-63020
- Palmadesso, P.** *see* Haber, I. 8-67347
- Palmadesso, P.J.** *see* Oran, E.S. 8-77414
- Palmai, Z.** Application of the Taylor equation for metal cutting with changing cutting speeds 8-72915
- Palmborg, P.W.,** Riggs, W.M. Unique instrument for multiple technique surface characterization by ESCA, scanning Auger, UPS, and SIMS 8-73108
- Palme, A.** *see* Dela *see* Dela Palme, A.
- Palme, H.,** Janssens, M.-J., Takahashi, H., Anders, E., Hertogen, J. Meteoritic material at five large impact craters 8-57208
- Palme, M.** *see* Herrmann, J. 8-50570
- Palmer, A.W.** *see* Gavrilidis, C. 8-74987
- Palmer, A.W.** *see* Scott, J.C. 8-55764, 8-94405
- Palmer, B.A.,** Sansonetti, C.J., Andrew, K.L. Automatic precision measurement of spectrograms 8-82042
- Palmer, C.** *see* Harvey *see* Harvey Palmer, C.
- Palmer, D.A.** Additivity and the Maxwell spot in tetrachromatic matching 8-53405
- Palmer, D.A.,** Whitlock, C.A. An improved monochromator using a single graded interference filter 8-94444
- Palmer, D.A.** *see* Alguard, M.J. 8-70376
- Palmer, D.C.,** Irving, A.D., Forsyth, P.D., Hall, I., Martin, D.G.E., Maynard, M.J. Low-lying levels of ^{129}Xe and ^{131}Xe 8-70450
- Palmer, D.J.** *see* Newman, O.M.G. 8-95964
- Palmer, G.,** McKellar, M., Fritz, O.G., Jr. An inexpensive high capacity heat exchanger 8-49826
- Palmer, H.C.** *see* Storetvedt, K.M. 8-61369
- Palmer, H.J.** *see* 'Insoluble monolayers and the evaporation coefficient of water' by G.T. Barnes 8-75911
- Palmer, H.P.** *see* Davis, R.J. 8-65633
- Palmer, I.D.,** Gosling, J.T. Shock-associated energetic proton events at large heliocentric distances 8-77451
- Palmer, I.D.,** Hones, E.W., Jr. Characteristics of energetic electrons in the vicinity of the magnetospheric boundary layer at Vela orbit 8-89000
- Palmer, I.D.,** Zwickl, R.D., Webber, W.R., McDonald, F.B. Spectrum of mean free paths near Earth in the solar cosmic ray event of April 29, 1973 8-89017
- Palmer, J.** Scattering automorphisms of the Dirac field 8-58112
- Palmer, K.F.** *see* Sethna, P.P. 8-68501
- Palmer, M.A.** *see* Padrick, T.D. 8-63149
- Palmer, R.** *see* Fillon, R.H. 8-65255
- Palmer, R.B.** *see* Baltay, C. 8-70354
- Palmer, R.B.** *see* Cnops, A.M. 8-78167
- Palmer, R.B.** *see* Cobb, J.H. 8-62469, 8-89749
- Palmer, R.B.** *see* Kalelkar, M. 8-89700
- Palmer, R.E.** *see* Jones, E.D. 8-90438
- Palmer, R.E.** *see* Padrick, T.D. 8-63149
- Palmer, R.S.J.,** Jarvis, J.L. Tension relaxation of composite flat belt drive materials under simulated drive conditions 8-56688
- Palmer, S.B.,** Jensen, J. Magnetic effects on the elastic constants of praseodymium 8-68355
- Palmer, S.B.,** Lenkkeri, J.T. The magnetic field dependence of the low-temperature elastic constants of neodymium 8-76290
- Palmer, T.Y.** Mie scattering from continued fractions 8-82914
- Palmer, W.F.** *see* Frampton, P.H. 8-70259
- Palmetshofer, L.,** Vierlinger, E., Heinrich, H., Haas, L.D. Evaluation of doping profiles in ion-implanted PbTe 8-59831
- Palmieri, F.** *see* Quagliariello, E. 8-68977
- Palmieri, L.** *see* Alippi, A. 8-59149, 8-79170
- Palmonari, F.** *see* Basile, M. 8-70416, 8-74240
- Palombo, F.** *see* Perneger, J. 8-50047
- Palrang, M.T.** *see* Dean, N.R. 8-70658
- Palsson, B.** *see* Likar, A. 8-54758
- Palting, P.** *see* Katsuki, S. 8-50453
- Palumbo, F.** *see* Creco, M. 8-82107
- Palumbo, G.G.C.,** Mandolesi, N., Morigi, G., Baird, G.A., Delaney, T., Meikle, W.P.S., Drever, R.W.P., Jelley, J.V., Fruin, J.H., Partidge, R.B. Upper limits for the microwave pulsed emission from supernova explosions in clusters of galaxies 8-69890
- Palumbo, G.G.C.** *see* Atrashevich, V.B. 8-93061
- Palumbo, G.G.C.** *see* Inzani, P. 8-77489
- Palumbo, L.J.** *see* Finn, T.G. 8-78999
- Palvadeau, P.,** Coic, L., Rouxel, J., Portier, J. The lithium and molecular intercalates of FeOCl 8-51512
- Palvadeau, P.** *see* Guemas, L. 8-79590
- Palyanytsya, I.F.** *see* Kulyaba, I.N. 8-89477
- Palyukh, B.M.** *see* Gupalo, M.S. 8-67912
- Pambrun, C.** *see* Jarry, J.P. 8-86320

- Pamidi, M.R.**, Advani, S.H. Nonlinear constitutive relations for human brain tissue 8-80910
- Pampaloni, P.** *see* Donati Falchi, A. 8-53910
- Pampillo, C.A.**, Polk, D.E. Annealing embrittlement in an iron-nickel-based metallic glass 8-64635
- Pampuch, S.** Basinska *see* Basinska Pampuch, S.
- Pamuk, H.O.** Estimation of molecular correlation energies from semi-transferable orbital correlation energies 8-82650
- Pamyatnykh, E.A.** *see* Bagaev, V.N. 8-87928
- Pan, C.-Y.**, Habgood, H.W. Gas separation by permeation I. Calculation methods and parametric analysis 8-80784
- Pan, C.-Y.**, Habgood, H.W. Gas separation by permeation. II. Effect of permeate pressure drop and choice of permeate pressure 8-80785
- Pan, D.S.**, Smith, D.L., McGill, T.C. Damping of electron-hole-droplet motion. I. Deformation potential scattering 8-67950
- Pan, D.S.**, Smith, D.L., McGill, T.C. Damping of electron-hole-droplet motion. II. Impurity and piezoelectric scattering 8-67951
- Pan, F.P.** *see* Stroud, D. 8-51920, 8-56442
- Pan, K.** *see* Aitken, J.M. 8-72268
- Pan, M.** Longitudinal vibrations of a composite isotropic circular cylinder 8-67087
- Pan, N.R.** Studies on the orientation in carnauba wax produced by external mechanical pressure and by ultrasonic waves 8-64314
- Pan, V.M.**, Bulakh, I.E., Kasatkin, A.L., Shevchenko, A.D. Dielectric phase transition in superconducting compounds of HfV_2 and ZrV_2 (C15) 8-64168
- Pan, V.M.**, Nikitin, B.G., Korostil, A.M., Nemoshkalenko, V.V., Dovgopol, V.P., Dekhtiar, I.Ya., Takzei, G.A., Nishchenko, M.M. Some features of the lattice dynamics in a tin-lead alloy 8-87749
- Pan, V.M.**, Prokhorov, V.G., Shevchenko, A.D., Dovgopol, V.P. Temperature dependence of the heat capacity of V_3Si 8-52152
- Pan, V.M.**, Prokhorov, V.G., Shevchenko, A.D., Takzei, G.A., Yurish, M. On the phase transition in V_3Si 8-52118
- Pan, V.M.** *see* Beletskii, Yu.I. 8-76643
- Pan Hao** The stress intensity factors of a single-edge cracked bar loaded by in-plane transverse forces 8-83327
- Pan Ji-Rung** *see* Ren Jing-Ru 8-89028
- Pan Lu-San** *see* Lu-San Pan
- Pan Yu-Kang** *see* Yu-Kang Pan
- Pan-Lin Lee** *see* Lee Pan-Lin
- Panagia, N.**, Natta, A., Preite-Martinez, A. On the interpretation of radio maps of giant H II regions 8-85994
- Panagia, N.** *see* Felli, M. 8-96514
- Panagiotopoulos, P.D.** Variational inequalities and multilevel optimization techniques in the theory of plasticity 8-79224
- Panakhov, M.M.** *see* Konstantinov, O.V. 8-87155
- Pananakakis, G.**, Viktorovitch, P., Ponpon, J.P. Analysis of the formation process of a gold-silicon barrier 8-91768
- Panarella, E.** *see* Gupta, R.P. 8-74872
- Panarin, V.E.** *see* Shurin, A.K. 8-84931
- Panaro, V.A.**, Alker, G.J., Jr., Oh, Y.S., Leslie, E.V. Efficacy of computed tomography of the abdomen—early results 8-88739
- Panasuyuk, M.I.** *see* Kovtyukh, A.S. 8-96348
- Panasuyuk, V.M.** *see* Bocharov, V.N. 8-75259
- Panasuyuk, V.V.**, Andreikiv, A.E., Stadnik, M.M. Life of a quasibrittle body with an internal crack close in plane to round in cyclic loading 8-63383
- Panasuyuk, V.V.**, Kolodii, B.I., Orlovskii, A.A. Electromagnetic control of electrically conducting spherical specimens 8-53138
- Panat, P.V.** *see* Ogale, S.B. 8-84277
- Panchanadeswaran, S.**, Ure, R.W., Jr., Byrne, J.G. Positron trapping at precipitates in aluminium-4 wt.% copper single crystals 8-76554
- Panchapakesan, N.**, Venkataraman, R. Many-body effects in resonant pion-nucleus scattering 8-94029
- Panchenko, O.A.** *see* Mitrjaev, A.A. 8-76131
- Panchenko, V.N.** *see* Nazarchuk, M.M. 8-83211
- Panchenko, V.P.** *see* Breev, V.V. 8-75432
- Panchenko, V.Ya.** *see* Dzhdzhoev, M.S. 8-53233
- Pancheri, L.U.** Pierre Gassendi, a forgotten but important man in the history of physics 8-62025
- Pancheri-Srivastava, G.** *see* Creco, M. 8-82107
- Pancheshnikova, R.B.** *see* Rafikov, S.R. 8-51449
- Panchev, S.**, Stanev, E. Orography- and turbulence-induced vertical currents in the planetary boundary layer of the atmosphere 8-96278
- Pandalai, K.A.V.** *see* Prathap, G. 8-90757
- Pandarese, F.** Two systems for the analysis of very short impulses (10^{-12} s) 8-54477
- Pande, A.K.**, Singh, R.S. Rotational excitation of the hydrogen molecule by slow positrons 8-50653
- Pande, C.S.** A mechanism for the degradation of superconducting transition temperatures on high energy neutron irradiation in A-15 compounds 8-52124
- Pande, C.S.** *see* Viswanathan, R. 8-91802
- Pande, G.C.**, Georgantopoulos, G.A., Douskos, C.N., Goudas, C.L. Hydromagnetic thermal boundary-layer flow near an oscillating limiting surface 8-94831
- Pande, M.C.** *see* Sinha, K. 8-69765
- Pandev, I.N.**, Khristov, Kh.D., Khristova, M.G., Stefanov, S.D., Genov, D.T., Genchev, N.V. Autonomous γ -irradiator 8-78053
- Pandev, I.N.**, Khristov, Kh.D., Khristova, M.G., Stefanov, S.D., Genova, D.T., Genchev, N.V. Charging the γ -irradiation installation GOU-1 at the Institute of Nuclear Research and Nuclear Energetics with the radioactive sources ^{60}Co 8-82558
- Pandev, Iv.N.** *see* Khristova, M.G. 8-82530
- Pandey, A.** *see* French, J.B. 8-86216
- Pandey, A.N.** *see* Bhushan, S. 8-52580, 8-80421
- Pandey, A.N.** *see* Goel, R.K. 8-50663, 8-62780
- Pandey, A.N.** *see* Gupta, S.L. 8-74797
- Pandey, A.N.** *see* Kumar, V. 8-74793, 8-90144
- Pandey, B.C.**, Ramesh Kumar Singh A point explosion in an arbitrary atmosphere with radiative heat transfer 8-53708
- Pandey, D.K.**, Prakash, O., Gupta, S.N. Differential viscosity correlation for heat transfer to non-Newtonian fluids in a jacketed agitated vessel 8-75143
- Pandey, G.N.** *see* Choudhary, N. 8-94815
- Pandey, G.N.** *see* Saksena, D.N. 8-94814
- Pandey, H.B.** *see* Mishra, R.S. 8-54146
- Pandey, J.D.** *see* Mishra, R.L. 8-67635, 8-91508, 8-95109
- Pandey, J.D.** *see* Mishta, R.L. 8-51680
- Pandey, K.C.** Atomic and electronic structure of semiconductor surfaces 8-72223
- Pandey, K.C.** *see* Feibelman, P.J. 8-56202
- Pandey, K.C.** *see* Knapp, J.A. 8-91743
- Pandey, N.C.** *see* Joshi, J.C. 8-60508, 8-80394
- Pandey, R.K.**, Banerjee, S. Blunting effects on fracture toughness of low strength steels 8-68814
- Pandey, R.K.** *see* Narayan, R. 8-67117
- Pandey, R.K.** *see* Suresh Chandra 8-76876
- Pandey, R.N.** *see* Gupta, L.S. 8-73855
- Pandey, S.D.** *see* Shukla, S.R. 8-91938
- Pandey, S.D.** *see* Srivastava, S.P. 8-79714
- Pandharipande, V.R.** Three-body correlations in the variational wave function of liquid ^4He 8-87834
- Pandharipande, V.R.** *see* Wiringa, R.B. 8-58244
- Pandita, P.N.** Quark charges and colour gluon mass from deep-inelastic bremsstrahlung 8-74216
- Pandita, P.N.**, Panjape, S. QCD estimates for associated charm production by weak neutral currents 8-78169
- Pandoulas, D.** *see* Bartel, W. 8-89695
- Pandya, D.K.** *see* Chopra, K.L. 8-70189
- Pandya, G.H.** *see* Kaulgud, M.V. 8-67770
- Pandya, S.P.** *see* Kulkarni, D.R. 8-54676
- Panepucci, H.**, Soares, E., Yamazaki, H., King, A.R. Effect of the spin-flip transition on the Ni^{2+} fluorescence in MnF_2 8-68543
- Panevin, I.G.** *see* Garchakov, V.S. 8-71497
- Panevin, I.G.** *see* Kuznetsova, T.D. 8-71565
- Panevin, I.G.** *see* Nazareno, I.P. 8-71499
- Panferov, V.M.**, Leonova, E.A., Kilikovskaya, O.A. Stressed and strained state of a cylindrical arch in an axisymmetrical temperature field 8-63306
- Panfilenok, E.I.** *see* Baigzint, A. 8-59107
- Panfilov, A.S.**, Svechkarev, I.V. The effects of pressure and alloying on the electronic structure of palladium 8-91581
- Panfilov, B.A.**, Stepanov, G.V., Elinson, M.I., Sabilkov, V.A., Ormont, A.B., Vorob'ev, A.V. A study of the material transport effect of the electrodes on a silicon surface, leading to switching with memory 8-95389
- Panfilov, G.G.** *see* Garapov, E.F. 8-82410
- Panfilov, V.N.** *see* Molin, Yu.N. 8-76843
- Panfilovich, K.B.** *see* Akhunov, N.Kh. 8-90673
- Pang, K.D.** *see* Chun, S.F.S. 8-85883
- Pang, Y.** *see* Chung, B.T.F. 8-71333
- Pangali, C.**, Rao, M., Berne, B.J. On a novel Monte Carlo scheme for simulating water and aqueous solutions 8-63649
- Pangborn, R.J.** Magnetic field effects on the plasma bremsstrahlung spectrum 8-67323
- Panichevskaya, V.I.**, Strikha, V.I. Spectrum of surface electron states in Schottky-barrier metal-germanium junctions 8-84297
- Panichevskaya, V.I.** *see* Sidenko, T.S. 8-80061
- Panichi, C.**, Ferrara, G.C., Gonfiantini, R. Iso-topic geothermometry in the Larderello geothermal field 8-69312
- Panichi, C.** *see* d'Amore, F. 8-69387
- Panicker, M.P.R.**, Knaster, M., Kroger, F.A. Cathodic deposition of CdTe from aqueous electrolytes [large area solar cells] 8-64484
- Panin, A.I.** *see* Dudkin, K.N. 8-64990, 8-69046
- Panin, V.E.** *see* Kolubaev, A.V. 8-72330
- Panissod, P.** *see* Berrada, A. 8-52106
- Panke, H.** *see* Alder, J.C. 8-62576
- Pankhurst, R.J.**, Walsh, J.N., Beckinsale, R.D., Skelhorn, R.R. Isotopic and other geochemical evidence for the origin of the Loch Uisg Granophyre, Isle of Mull, Scotland 8-65303
- Pankhurst, R.J.** *see* O'Nions, R.K. 8-65222
- Pankin, V.B.** *see* Martemyanov, A.N. 8-76268
- Pankonin, V.**, Walmsley, C.M. Radio spectroscopy of C II regions associated with reflection nebulae: NGC 2023, M78, and others 8-69857
- Pankonin, V.** *see* Wilson, T.L. 8-85996
- Pankov, B.V.**, Frenkel', L.I., Kuz'min, S.N. Device for measurement of porosity of fluidized beds 8-60911
- Pan'kov, V.L.** *see* Walzer, U. 8-81148
- Pan'kova, L.M.**, Smagunova, A.N., Khrenova, G.P., Mezhevich, A.N., Losev, N.F. Iterative method for calculating concentrations in X-ray spectral determination of elements in pulp 8-61109
- Pankova, M.N.**, Utevskii, L.M. Orientational variants of martensite transformations during deformation of metastable austenite 8-84805
- Pankove, J.I.** Photoluminescence recovery in rehydrogenated amorphous silicon 8-72571
- Pankove, J.I.**, Lampert, M.A., Tarnig, M.L. Hydrogenation and dehydrogenation of amorphous and crystalline silicon 8-51677
- Pankratov, A.A.** *see* Barkin, Yu.V. 8-96378
- Pankratov, I.M.** *see* Kitsenko, A.B. 8-87464
- Pankratov, N.A.** *see* Enukova, T.A. 8-70187
- Pankratov, S.G.**, Samoshnikov, Yu.K. Coherent electromagnetic radiation of an electron-ion beam 8-50686
- Panman, J.K.** *see* Beetz, R. 8-54806, 8-66200
- Pannetier, J.** *see* Ansel, D. 8-75867
- Pannetier, J.** *see* Calage, Y. 8-87659
- Panofsky, H.A.** Topics in dynamical meteorology. II. Hydrodynamics (1) 8-57286
- Panofsky, H.A.** Topics in dynamical meteorology. II. Hydrodynamics (2) 8-69428
- Panofsky, H.A.** Topics in dynamical meteorology. III. Thermodynamics (1) 8-73496
- Panofsky, H.A.** Matching in the convective planetary boundary layer 8-81310
- Panofsky, H.A.** Topics in dynamical meteorology. III. Thermodynamics. II 8-85673
- Panofsky, W.K.H.** *see* Hebel, L.C. 8-54863
- Panoiu, N.**, Craciunescu, C., Pavnetescu, O. On computational evaluation of dust centrifugal separator working 8-57362
- Panosh, R.L.** *see* Bader, S.D. 8-71987
- Panov, A.N.** *see* Pavlov, G.G. 8-55715
- Panov, E.D.** *see* Bernshstein, M.L. 8-88464
- Panov, M.A.** *see* Mamikonjan, S.V. 8-49947
- Panov, M.N.** *see* Afrosimov, V.V. 8-58815
- Panov, V.I.** *see* Braginskii, V.B. 8-77866
- Panov, V.S.** *see* Kiparisov, S.S. 8-60607
- Panov, Yu.A.** *see* Mironchik, V.S. 8-78593
- Panova, L.Ya.** *see* Mamedov, A.P. 8-72547
- Pant, D.C.**, Somevanshi, S.K.S., Mehrotra, N.K., Saxena, M.C. Microwave absorption and molecular structure of polar molecules in solutions, relaxation times and activation energies of some substituted benzenes 8-75522
- Pant, D.D.** *see* Pant, T.C. 8-60509
- Pant, J.C.** Viscous and thermal effects on Rankine-Hugoniot jump conditions 8-59418
- Pant, L.M.** *see* Deshpande, C.E. 8-95157
- Pant, M.C.** Wind stress and fluxes of sensible and latent heat over the Arabian Sea during ISMEX-1973 8-85627
- Pant, M.C.** *see* Ghosh, S.K. 8-81333
- Pant, M.M.** Pressure dependence of melting of metals 8-85517
- Pant, M.M.**, Talman, J.D. Impulse Compton profiles calculated in an optimised potential model for atoms 8-74618
- Pant, M.M.** *see* Mehrotra, R. 8-79686
- Pant, T.C.**, Bhatt, B.C., Pant, D.D. Energy transfer from Tb^{3+} to Nd^{3+} in glycerol: D_2O solution and frozen glass 8-60509
- Pant Uma Rani** *see* Uma Rani Pant
- Pantaleo, N.S.** *see* Newton, M.G. 8-67703
- Pantano, C.G., Jr.** *see* Malm, D.L. 8-51805
- Pantasis, A.**, Wachtel, E. Investigation of the constitution and the magnetic properties of solid and liquid Al-Cu-Fe alloys 8-52206
- Pantel, Ch.** *see* Endert, H. 8-59058
- Panteleev, N.A.** On some features of the short period internal waves spectra and the ocean's vertical fine structure 8-85595
- Panteleev, N.A.** Investigations of the characteristics of turbulent mixing in the ocean on the basis of fine structure data 8-85597
- Panteleev, N.A.**, Malakhova, N.N. Investigations of the fine structure of the temperature field in the mesoscale synoptic eddy area 8-81195
- Panteleev, N.A.** *see* Dykman, V.Z. 8-85596
- Panteleev, N.A.** *see* Nelepo, B.A. 8-85588
- Panteleev, V.A.** 'Vacancy paradox' in germanium and silicon and its solution 8-59804

- Pantelev, V.A.**, Gugina, T.S., Murav'ev, V.A. Influence of elastic stresses on diffusion processes in semiconductors 8-87824
- Pantelev, V.A.** *see* Kapustina, M.D. 8-67781
- Pantelev, V.V.** *see* Kotelyanskii, I.M. 8-95220
- Pantelica, D.** *see* Hellmeister, H.P. 8-78311
- Pantelides, S.T.** Recent advances in the theory of electronic structure of SiO₂ 8-95260
- Pantelides, S.T.** *see* Bernholc, J. 8-91641
- Pantelides, S.T.** *see* Pollmann, J. 8-95340
- Pantell, R.H.**, Chung, P.S. Transmission of X-rays through curved waveguides 8-86395
- Pantell, R.H.**, Piestrup, M.A. Free-electron momentum modulation by means of limited interaction length with light 8-62995
- Pantis, G.** Off-shell effects in (d,p) stripping reactions 8-62545
- Pantoficek, J.** *see* Lokaj, P. 8-79016
- Panton, R.L.** Equations governing surface streamlines 8-71309
- Pantoplicek, J.** *see* Lokaj, P. 8-78838
- Pantos, E.**, Philis, J., Bolovinos, A. The extinction coefficient of benzene vapor in the region 4.6 to 36 eV 8-86877
- Pantridge, J.F.** *see* Adegay, A.A.J. 8-57049
- Pantsyrev, Yu.M.**, Gallinger, Yu.I., Klyavin, Yu.A., Polivoda, M.D., Krokhin, O.N., Zubarev, I.G., Bocharov, V.V., Mulikov, V.F., Mikhailov, S.I. Laser endoscopic coagulation in gastrointestinal hemorrhages 8-69178
- Panus, V.R.** *see* Baidakov, L.A. 8-88092
- Panvini, R.** *see* Alam, M.S. 8-66167
- Panyushkin, V.N.** *see* Kapitanov, G.V. 8-51665
- Panyushkin, V.N.** *see* Stepanov, E.N. 8-49943
- Panza, G.F.** *see* Calcagnile, G. 8-65195, 8-77204
- Panza, G.F.** *see* Caputo, M. 8-53618
- Panzer, W.** *see* Kutterer, G. 8-57068
- Panzer, W.** *see* Seelentag, W.W. 8-65103
- Pao, C.V.** The kinetics of diffused substances in some biological systems 8-53312
- Pao, C.V.** Bounds for the critical length of a slab with finite reflectors in neutron transport 8-82409
- Pao, Y.C.** Algorithms for direct-access Gaussian solution of structural stiffness matrix equation 8-57766
- Pao, Y.H.** *see* Riley, J.J. 8-94743
- Pao Fang** *see* Fang Pao
- Pao Hsien-Ping** *see* Hsien-Ping Pao
- Pao Yih-Hsing** *see* Yih-Hsing Pao
- Pao Young-ping** *see* Young-ping Pao
- Pao-Liu Chow** *see* Williams, S.A. 8-65886
- Pao-Shan Weng** *see* Tien-Ko Wang 8-78441
- Paola, M.** *Di* *see* Di Paola, M.
- Paoletti, A.** *see* Antonini, B. 8-95595
- Paoletti, D.** *see* De Santis, P. 8-50700
- Paoletti, S.**, Van der Touw, F., Mandel, M. Dielectric properties of maleic acid-ethylene copolymer in salt-free aqueous solutions 8-84515
- Paoli, R.J.** *see* Anderson, K.A. 8-85799
- Paolicchi, P.** A differential equation for the classical collapse problem 8-93099
- Paolicchi, P.** *see* Farinella, P. 8-69829, 8-81565
- Paoloni, F.J.** *see* Motley, R.W. 8-87493
- Paoluzi, L.** *see* Esposito, B. 8-66132
- Paorici, C.**, Zanotti, L., Zuccalli, G. A temperature variation method for the growth of chalcopyrite crystals by iodine vapour transport 8-68610
- Papa, C.** *del* *see* del Papa, C.
- Papa, L.** The free oscillations of the Ligurian Sea. A statistical investigation 8-65318
- Papa, L.** *see* Eva, C. 8-61308
- Papa, T.** *see* Scudieri, F. 8-91232
- Papaconstantopoulos, D.A.**, Economou, E.N. Superconductivity in the palladium-silver-hydrogen system 8-95393
- Papaconstantopoulos, D.A.** *see* Klein, B.M. 8-91613
- Papaconstantopoulos, D.A.** *see* Mielczarek, E.V. 8-80264
- Papaconstantopoulos, D.A.** *see* Nagel, D.J. 8-91610
- Papadakis, E.P.** *see* Lynnworth, L.C. 8-53167
- Papadakis, J.** *see* Keller, J. (editor) 8-90577
- Papadopoulos, K.** *see* Haber, I. 8-67347
- Papadopoulos, K.** *see* Hammer, D.A. 8-51334
- Papadopoulos, S.** *see* Contogouris, A.P. 8-66083, 8-89674
- Papaeftymiou, G.C.**, Kaufman, K.S., Frankel, R.B., Rosenthal, A. Mossbauer spectroscopy of iron deposits in thalassemic heart tissue 8-73202
- Papageorgopoulos, C.A.** Adsorption of Cs and O₂ on MoS₂ 8-71994
- Papagiannis, M.D.**, Wefer, F.L. Coronal holes at 11.5 and 21 cm observed with the Arecibo radio telescope 8-61834
- Papagno, L.** *see* La Rotonda, L. 8-64433
- Papaioannou, G.I.**, Euthymiou, P.C. Profile of the carrier lifetimes in illuminated GaAs as a function of depth 8-68036
- Papaloizou, J.**, Pringle, J.E. Gravitational radiation and the stability of rotating stars 8-93210
- Papaloizou, J.** *see* Fabian, A.C. 8-93317
- Papanastasiou, G.** *see* Amblard, J. 8-87894
- Papanastassiou, D.A.**, Wasserburg, G.J. Strontium isotopic anomalies in the Allende meteorite 8-89133
- Papancolaou, G.C.** Transport equations for waves in random media 8-62981
- Papancolas, C.N.**, Heisenberg, J., Lichtenstadt, J., Courtemanche, A.N., McCarthy, J.S. Electron scattering on ²⁰⁷Pb and the induced charge of the neutron 8-78366
- Papancolas, C.N.** *see* Lichtenstadt, J. 8-50155
- Papancolopoulos, C.**, Fink, R.W. Production of (14±2) MeV neutrons in a reactor with an enriched ³LiD irradiation capsule 8-55072
- Papargyropoulos, P.H.** *see* Georgalas, C.G. 8-89687
- Papastaikoudis, C.**, Kesternich, W. Thermal transport properties in aluminium crystals at liquid-helium temperature 8-56134
- Papastefanou, C.**, Charalambous, S. ²²⁶Ra leaching from fossil bones 8-58562
- Papathanassopoulos, C.**, Papatriantafillou, C., Rocofyllou, E., Theophilou, A. Neutron damage rate of copper alloyed aluminium 8-63794
- Papatheodorou, G.N.**, Capote, M.A. Resonance Raman spectra of inorganic salt vapors. I. Palladium(II) and copper(II) chloroaluminates 8-94251
- Papatheodorou, T.S.** *see* Houstis, E.N. 8-65756
- Papatheou, V.** *see* Jannousis, A.D. 8-75972
- Papatriantafillou, C.** NMP-TCNQ: a realization of the disordered Hubbard model 8-79917
- Papatriantafillou, C.** *see* Papathanassopoulos, C. 8-63794
- Papatriantafillou, C.** *see* Paraskevaidis, C.E. 8-95119
- Papazachos, B.C.**, Comninakis, P.E. Deep structure and tectonics of the Eastern Mediterranean 8-69309
- Papazian, J.M.**, Wilcox, W.R. Interaction of bubbles with solidification interfaces 8-84787
- Papazoglou, T.P.** *see* Beaudregh, R.J. 8-86596
- Papazoglou, T.P.** *see* Davis, H.H. 8-86587
- Papazyan, Kh.T.** *see* Antonov, A.S. 8-85619
- Papazyan, T.A.** *see* Arutyunyan, V.M. 8-71145
- Pape, A.J.** *see* Ndocko-Ndongue, V.B. 8-55093
- Pape, H.**, Clerc, H.-G., Schmidt, K.-H. Energy loss of heavy ions in carbon foils 8-55902
- Pape, L.** *see* Baland, J.F. 8-93911
- Pape, L.** *see* Bosetti, P.C. 8-70357
- Pape, R.** *de* *see* de Pape, R.
- Papenko, I.M.** *see* Freik, D.M. 8-64147
- Paperlein, D.** The measurement of direction scintillation with a split image range finder 8-83076
- Papiernik, A.** *see* Jecko, B. 8-78861
- Papiernik, R.**, Gaudreau, B., Frit, B. Some new tetravalent zirconium and uranium mixed oxyfluorides 8-67689
- Papiernik, R.** *see* Laval, J.-P. 8-51477
- Papike, J.J.**, Vaniman, D.T. The lunar mare basalt suite 8-77500
- Papike, J.J.** *see* Schweitzer, E.L. 8-88828
- Papike, J.J.** *see* Vaniman, D.T. 8-81568
- Papin, G.** *see* Christmann, M. 8-95033
- Papina, L.P.** *see* Basina, Yu.V. 8-93063
- Papini, G.**, Valluri, S.R. Photoproduction of gravitons in a static magnetic dipole field due to currents 8-62138
- Papirer, E.**, Guyon, E. Contribution to the study of the surface groups on carbons. I. Acidimetric methods and formation of derivatives 8-68918
- Papirer, E.**, Guyon, E., Perol, N. Contribution to the study of the surface groups on carbons. II. Spectroscopic methods 8-68919
- Papirer, E.**, Van Tao Nguyen, Donnet, J.-B. Introduction of sulfur groups onto the surface of carbon blacks 8-68920
- Papirno, R.** Design plastic stress concentration factors using Ramberg-Osgood stress-strain parameters 8-63310
- Papo, A.** *see* Alessi, P. 8-64875
- Papon, P.** *see* Trokner, A. 8-80240, 8-84492
- Papoular, M.** Magnetic ordering in solid ³He: A lattice-dynamical approach 8-56020
- Papousek, D.** *see* Spirko, V. 8-90146
- Papoyan, K.V.** *see* Sedrkyan, D.M. 8-71795
- Papp, H.** The adsorption of hydrogen on carbon monoxide covered nickel films. I. Isotherms, change in resistivity and in work function 8-75926
- Papp, V.F.** *see* Shevera, V.S. 8-70803
- Pappalardo, G.S.** *see* Bellini, V. 8-82399
- Pappas, A.C.** *see* Gjøtterud, O.K. 8-78327, 8-78328
- Pappas, P.T.** Physics in six dimensions: an axiomatic formulation 8-81834
- Papper, C.S.**, Chaudhri, M.A., Rouse, J.L. The elimination of charging in the PIXE analysis of thick biological samples 8-88775
- Pappert, R.A.** *see* Hitney, H.V. 8-92935
- Pappu, S.V.**, Ananda Rao, S. On the elimination of DC in reconstructed wavefronts from in-line holograms 8-55323
- Pappu, S.V.**, Kumar, C.A., Mehta, S.D. A study of the information content in the harmonics of the spatial frequency spectra of halftone images using coherent optical computers 8-50708
- Paprotny, Z.** *see* Mallove, E.F. 8-81564
- Papshev, D.D.**, Ivanov, Yu.V. Formation of the hardened layer during burnishing of steel 55SM5FA 8-85046
- Papson, R.** *see* Greeley, R. 8-65534
- Papuchon, M.** Recent progress in electrooptic modulation and switching using LiNbO₃ waveguides 8-50945
- Papuchon, M.** *see* Di Forte, M.A. 8-82979
- Papuchon, M.** *see* Ostrowsky, D.B. 8-66955
- Papulov, Yu.G.** *see* Khalatur, P.G. 8-70993
- Papunashvili, K.I.** H-linear 'planar' Hall effects of hot electrons in n-Ge 8-76082
- Papworth, M.** Electromagnetic flowmeter analysis in ducts and open channels 8-59524
- Paques-Ledent, M.**, Th., Grandjean, F., Gerard, A. The chemical formula for ilvaite: infrared and Mossbauer data 8-80321
- Paquet, Y.** *see* Harbec, J.Y. 8-91693
- Paquin, P.** *see* Hotchandani, S. 8-96014
- Para, A.** *see* Hansl, T. 8-74244, 8-89698
- Para, A.F.**, Gerosa, M., Lazzarini, E. On the inhibition of Ps formation by NO₃⁻ ions in H₂O-ethylenediamine mixtures 8-95988
- Para, A.** *Foglio* *see* Foglio Para, A.
- Parabina, G.I.**, Tsipunov, A.G., Bokii, Yu.F., Marchenko, L.N., Magometov, K.K. Defects in parts produced by hot isostatic pressing of atomized high-speed steel powders 8-60612
- Paraboni, A.** *see* Attisani, A. 8-69467
- Paraboni, A.** *see* Capsoni, C. 8-53679
- Paracchini, C.** *see* Coisson, R. 8-56522
- Parada, N.J.** *see* Guimaraes, P.S. 8-87941
- Paradellis, T.**, Vourvopoulos, G. Angular distributions of gamma rays from the (p,γ) reaction on semithin ^{66,68}Zn targets 8-74353
- Paradellis, T.** *see* Vourvopoulos, G. 8-70506
- Paradijs, J.** *van* *see* van Paradijs, J.
- Paradijs, J.A.** *van* *see* van Paradijs, J.A.
- Parail, V.V.**, Pogutse, O.P. Diffusion of runaway electrons in a Tokamak 8-87480
- Parak, F.** *see* van Burck, U. 8-60361
- Paramonov, A.N.**, Eroshko, A.A. Some preliminary results of research on variability of meteorological characteristics during the 31st cruise of the R/V 'Mikhail Lomonosov' 8-85658
- Paramonov, A.N.**, Kalashnikov, P.A., Lebedeva, T.P. Dependence of sound propagation velocity in sea water on specific electric conductivity, temperature and hydrostatic pressure 8-65332
- Paramonov, A.N.**, Kushnir, V.M. Intercomparison results for various means of measurement of ocean current parameters 8-81439
- Paramonov, A.N.**, Ziburdaev, V.I., Kushnir, V.M. Methods, analysis and results of intercomparison of various CTD-systems 8-85725
- Paramonov, A.N.** *see* Bukatov, A.E. 8-81196
- Paramonov, I.A.** *see* Kessel'man, P.M. 8-63884
- Paramonov, V.V.** *see* Buzulukov, Yu.P. 8-82547
- Paramonova, I.N.** *see* Savin, M.V. 8-78572
- Paranichev, L.G.** *see* Kiryukhin, V.G. 8-85592
- Paranichev, L.G.** *see* Zhidkov, V.G. 8-85591
- Paranjape, B.V.**, Morita, A. On the size effects of an electron hole drop 8-72077
- Paranjape, B.V.** *see* Coffey, W.T. 8-80284
- Paranjape, S.** *see* Choudhury, D.K. 8-74213
- Paranjape, S.** *see* Pandita, P.N. 8-78169
- Paranjape, V.V.** *see* Mahanty, J. 8-52536
- Paranjape, S.A.**, Banerjee, S. The K-COD relationship for pin loaded single edge notched tension specimens 8-67133
- Paranjape, S.A.**, Banerjee, S. The K-COD relationship for compact tension specimen 8-90778
- Parashar, S.K.**, Fung, A.K., Moore, R.K. A theory of wave scatter from an inhomogeneous medium with a slightly rough boundary and its application to sea ice 8-77266
- Paraskevaidis, C.E.**, Papatriantafillou, C. Longitudinal lattice modes in linear mixed valence compounds 8-95119
- Paraskevopoulos, D.** *see* Meservy, R. 8-68094, 8-95494
- Paraskevopoulos, D.E.** *see* Berman, S. 8-56237
- Paraskos, J.A.** *see* Feldman, C.L. 8-80941
- Parasnis, A.S.**, Swamy Rao, K.N. Oriented growth of BaCl₂ phases in crystals of NaCl-1% BaCl₂. II. Structure and energy of platelet-matrix interfaces 8-87793
- Parasyuk, I.O.** One-dimensional Schrödinger equation with almost periodic potential 8-89360
- Parazzoli, C.G.** Electron-beam-stabilized discharge in a flowing medium: numerical calculations 8-94943
- Parcelier, P.** *see* Besson, J. 8-89461
- Parcell, E.W.** *see* Roper, V.G. 8-58977
- Parchevskii, S.G.** *see* Zhiglinskii, A.G. 8-54449
- Pardaens, J.** *see* Willems, J.L. 8-81048

- Pardavi-Harvath, M.** *see* Balasko, M. 8-56356
Pardavi-Horvath, M. *see* Keszei, B. 8-95499
Pardee, W.J., Graham, L.J. Frequency analysis of two types of simulated acoustic emissions 8-55504
Pardes, H. Moving target screen training system 8-54488
Pardo, B. *see* Abdelmoula, K. 8-91566
Pardo, M. *see* Aguilar, M. 8-50733
Pardo, M. *see* Oliva, J. 8-50732
Pardo, M.P. *see* Carcaly, C. 8-79804
Pardo, M.P. *see* Guittard, M. 8-80504
Pardo, M.-P. *see* Smiri, L.D. 8-83798
Pardo, R.C. *see* Benenson, W. 8-78264
Pardo, R.C. *see* Davids, C.N. 8-70436
Pardo, R.C. *see* Murphy, M.J. 8-66213
Pardo, R.C. *see* Norman, E.B. 8-78317
Pardue, H.L. *see* Felkel, H.L., Jr. 8-61081
Pareek, R.S. *see* Ramaswamy, C. 8-81334
Parekh, J.P., Tuan, H.S. Effect of groove-depth variation on the performance of uniform SAW grooved reflector arrays 8-75017
Parekh, J.P., Tuan, H.S. Magnetostatic forward volume wave reflection by a shallow groove on a YIG film 8-84473
Parekh, R. *see* Wilson, J. 8-92740
Parent, C., Salmon, R., Le Flem, G. Preparation and crystallographic study of some new sodium rare-earth arsenates with formula $\text{Na}_3\text{Ln}(\text{AsO}_4)_2$ (Ln=La, Pr, Nd) 8-63724
Parent, C. *see* Salmon, R. 8-79582
Parsec, F., Bowyer, S., Lampton, M. Extreme-ultraviolet observations of nearby B stars: constraints on hot circumstellar plasma 8-93232
Parsec, F. *see* Margon, B. 8-93252
Parfait, R. *see* Chrichton, R.R. 8-77021
Parfen'ev, R.V. *see* Mozhaev, E.A. 8-72177
Parfen'eva, L.S. *see* Dzhabbarov, I. 8-87748
Parfenov, A.N. *see* Basiladze, S.G. 8-78576
Parfenov, O.G., Shishko, A.A. The rapid penetration of a magnetic field in a rarefied plasma 8-59554
Parfenov, V.A. *see* Aleksandrov, G.N. 8-67468
Parfenov, V.V. *see* Bashkirov, Sh.Sh. 8-60367
Parfenova, N.N. *see* Bairamov, A.I. 8-60338
Parfianovich, I.A., Penzina, E.E., Khulugurov, V.M., Metzlik, V.M., Sobolev, L.M. Luminescence and absorption of color centres in $\text{RbCl}:\text{Cu}$ and $\text{KCl}:\text{Eu}$ crystals 8-92118
Parfianovich, I.A. *see* Lobanov, B.D. 8-64394
Parfitt, W. *see* Holkeboer, D.H. 8-73109
Pargamanik, L.E., Ginzburg, M.D. Electron width and shift of hydrogen lines in plasma 8-67421
Parham, A.G. *see* Baker, R.D. 8-70404, 8-89733
Parham, A.G. *see* Gay, M. 8-70405
Paria, G. Radial motion in long rods of electrostrictive and magnetostrictive materials under axial magnetic fields 8-68456
Parida, M.K., Giri, N. Upper bounds on the wave function renormalisation constant of pion 8-74215
Parihar, K.S. *see* Keer, L.M. 8-51071, 8-83252
Parihar, K.S. *see* Nemat-Nasser, S. 8-63374
Parihar, R.S. *see* Shukla, J.B. 8-69126
Pariskii, Yu.N. *see* Berlin, A.B. 8-77527
Parikh, J. Cloud classification from visible and infrared SMS-1 data 8-77309
Parikh, J.C. Statistical properties of atomic energy levels. I. Partial level density 8-70732
Parikh, P., Shapiro, E. Anisotropic bend ductility in single-phase copper alloys 8-60726
Parikh, P.B. *see* Rastogi, R.G. 8-57393
Parilis, E.S. Auger-process in atomic collisions 8-62899
Paris, G., Ag, A., Nemeth, G. Topological structure of the non-linear mode-coupling model equations in a plasma. I. 8-75304
Paris, P.C. *see* Irwin, G.R. 8-56767
Paris, P.J. *see* Bitter, M. 8-59594
Paris, T.A. *see* Whitney, J.A. 8-81125
Parisch, H. Geometrical nonlinear analysis of shells 8-77709
Pariset, C., Vatamanyuk, V.I. Electrical conductivity of bismuth thin films. Application to the study of autoepitaxy 8-84329
Parish, T.A. An evaluation of fusion reactor transmutation for management of strontium from fission reactors 8-70642
Parish, T.A. *see* Smith, R.D. 8-74476
Parisi, G. Singularities of the Borel transform in renormalizable theories 8-62304
Parisi, G. *see* Altarelli, G. 8-62374, 8-62375
Parisi, G. *see* Balian, R. 8-93557
Parisi, G. *see* Benzi, R. 8-58124
Parisi, G. *see* Maiani, L. 8-58151
Parisis, G. *see* Baland, J.F. 8-93911
Parisod, G. *see* Comisarow, M.B. 8-80808
Paritskaya, L.N. *see* Geguzin, Ya.E. 8-76727
Paritskii, L.G. *see* Astrov, Yu.A. 8-49903
Paritskii, L.G. *see* Gorlin, G.B. 8-58082
Park, C.G., Carpenter, D.L., Wiggan, D.B. Electron density in the plasmasphere: whistler data on solar cycle, annual, and diurnal variations 8-88985
Park, C.G. *see* Foster, J.C. 8-57391
Park, H.K. *see* Cutler, I.B. 8-95159
Park, H.K. *see* Hampshire, S. 8-84750
Park, J.B., Kenner, G.H., Rouse, G.P., Gendreau, C.L. Spinal fixation using acrylic bone cement: mechanical property measurements 8-81072
Park, J. Harting *see* Harting Park, J.
Park, J.L. *see* Band, W. 8-86174
Park, J.T., Aldag, J.E., Peacher, J.L., George, J.M. Angular differential cross sections for excitation of atomic hydrogen by 25-, 50-, and 100-keV protons 8-66651
Park, J.T., George, J.M., Peacher, J.L., Aldag, J.E. Angular differential cross sections for 25-, 50-, and 100-keV-proton excitation of helium to the $n=2$ level 8-82832
Park, J.Y. Coupled-channel analysis of the ^{12}C - ^{12}C quasi-molecular resonances 8-78402
Park, R.L. *see* Cohen, P.I. 8-92148
Park, R.L. *see* den Boer, M.L. 8-72642
Park, R.L. *see* Elam, W.T. 8-72647
Park, R.L. *see* Fukuda, Y. 8-71971
Park, R.T. *see* Pelka, D.G. 8-61973
Park, T.S. *see* Shin, S.A. 8-50128
Park, Y.S. *see* Anderson, W.J. 8-83833
Park, Y.S. *see* Shin, B.K. 8-67728
Park, Y.W. *see* Chiang, C.K. 8-76070
Park, Y.W. *see* Choi, S.K. 8-60666
Park Duk-Won *see* Duk-Won Park
Park Soo Yong *see* Soo Yong Park
Park Won Koo *see* Won Koo Park
Park Yong Moon *see* Yong Moon Park
Park Yong-Jin *see* Yong-Jin Park
Parkash, O., Bhasin, S.K., Jain, D.S. Polarographic behaviour of complexes of gluconate ions with Zn(II) , In(III) and Eu(III) 8-92568
Parke, A.W. *see* McGovern, I.T. 8-52643
Parke, A.W. *see* Williams, R.H. 8-72680
Parke, D.L. *see* Cramer, C.H. 8-92792
Parker, A.B. *see* Bhasavanich, D. 8-87570
Parker, B. Rival cosmologies 8-57705
Parker, B.M.C. *see* Corish, J. 8-83831
Parker, C.D. *see* Fetterman, H.R. 8-77958
Parker, D.E., Tubbs, R.L., Littlefield, V.M. Visual-field displacements in human beings evoked by acoustical transients 8-85332
Parker, D.H., Berg, O.J., El-Sayed, M.A. The symmetry of the 6.2 eV two-photon Rydberg state in hexatriene from the polarization properties of the multiphoton ionization spectrum 8-70759
Parker, D.H. *see* Berg, J.O. 8-74716, 8-74718
Parker, D.W., Pratt, R.G., Smith, F.W., Stevens, R. Acoustic surface-wave bandpass filters 8-51008
Parker, E.N. The mutual attraction of magnetic knots 8-53898
Parker, F.T. *see* Foner, S. 8-68289
Parker, F.T. *see* Oesterreicher, H. 8-56310, 8-56347, 8-56350, 8-56354, 8-68208, 8-88146, 8-81986
Parker, G.D. Comment on 'The origin of transient cosmic ray intensity variations by S.P. Duggal and M.A. Pomerantz 8-89021
Parker, G.W. Gauge-invariant method for calculating the electric current density induced in molecules and solids by an external magnetic field 8-82665
Parker, G.W. Induced angular momentum 8-86060
Parker, H. *see* Jameson, C.J. 8-58720, 8-58721, 8-66563, 8-86888
Parker, H.S. *see* Skarstad, P.M. 8-64462
Parker, J.E., Haddad, R.Y. Energy transfer during dissociative charge-transfer reactions of CO with H_2^+ and He^+ ions 8-74759
Parker, J.V., Liberman, I., Viswanathan, V.K. Investigation of beam steering using a hole grating attenuator 8-59071
Parker, K.L. *see* Darby, T.P. 8-68332
Parker, K.R. *see* Tovey, S.N. 8-66147
Parker, L. *see* Ford, L.H. 8-54260
Parker, L. *see* Friedman, J.L. 8-70045
Parker, L. *see* Hu, B.L. 8-57708
Parker, L.W., Laframboise, J.G. Multi-electrode plasma probe for orbit-limited-current measurements. II. Numerical verification 8-59678
Parker, M.R. *see* Birss, R.R. 8-92515
Parker, N.W., Utlaut, M., Isaacson, M.S. Design of magnetic spectrometers with second-order aberrations corrected. I. Theory 8-89604
Parker, P.A. *see* Scott, R.N. 8-81076
Parker, P.D. *see* Sanders, S.J. 8-50066
Parker, P.M. *see* Niroomand-Rad, A. 8-58649
Parker, R. Acoustic resonances in passages containing banks of heat exchanger tubes 8-90550
Parker, R.H., Luthy, J.L., Metzger, A.E. Application of nuclear techniques for measurements near Jupiter 8-85895
Parker, R.J. Surface topography of non-optical surfaces by oblique projection of fringes from diffraction gratings 8-89437
Parker, R.J. A new method of frozen-fringe holographic interferometry using thermoplastic recording media 8-90402
Parker, R.L. *see* McNutt, M.K. 8-65252
Parker, R.R. *see* Cohn, D.R. 8-58417
Parker, S.G. *see* Cox, W.R. 8-80183
Parker, S.I. *see* Bell, J. 8-54625
Parker, S.I. *see* Feller, J.M. 8-66136
Parker, S.I. *see* Jaros, J.A. 8-50042
Parker, S.I. *see* Scharre, D.L. 8-89723
Parker, S.I. *see* Vuillemin, V. 8-93876
Parker, T.E. Current developments in SAW oscillator stability 8-59253
Parker, T.J., Ford, J.E., Chambers, W.G. The optical constants of pure fused quartz in the far-infrared 8-79080
Parker, T.J., Ledsham, D.A., Chambers, W.G. Analysis of the mode of operation of a polarizing interferometer in dispersive Fourier transform spectroscopy 8-78003
Parker, T.J. *see* Pai, K.F. 8-80322, 8-92042
Parker, T.J. *see* Rastogi, A. 8-59908
Parker, V.B. *see* Cases, J.C. 8-80781
Parker, W.R., Lynn, P.A., Reed, G.A.L. Inexpensive multichannel analogue-digital conversion without timing skew 8-61271
Parkes, G.E., Murdin, P.G., Mason, K.O. The optical counterpart of the binary X-ray pulsar 4U 1538-52 8-93472
Parkes, G.E. *see* Bailey, J.A. 8-65657
Parkes, G.E. *see* Mason, K.O. 8-93471
Parkes, G.E. *see* White, N.E. 8-81711
Parkhomenko, T.A. *see* Landau, A.I. 8-52905
Parkhomenko, Yu.N. *see* Vorontsov, V.I. 8-58916
Parkhutik, P.A., Kalashnik, L.D., Lubenskii, M.Z. Modification of hypereutectic Silumins with phosphorus and sodium 8-84792
Parkin, B.R. Turbulent separation avoidance for tail-loaded fully cavitating hydrofoil sections 8-94659
Parkin, C.W. *see* Vanyan, L.L. 8-65518
Parkin, D.M., Coulter, C.A. Damage energy functions for compounds and alloys 8-86692
Parkin, D.M. *see* Coulter, C.A. 8-87708
Parkin, P.H. *see* West, M. 8-94486
Parkins, W.E. Engineering limitations of fusion power plants 8-74473
Parkinson, C.E. Time/frequency dissemination and clock synchronization 8-49803
Parkinson, G.M., Rees, W., Goringe, M.J., Jones, W., Ramdas, S., Thomas, J.M., Williams, J.O. The study of topochemical conversions and phase transitions in organic molecular crystals by electron diffraction 8-83680
Parkinson, J.B. *see* Aghahosseini, H. 8-84378
Parkinson, W.H., Tomkins, F.S. The g value of the intercombination line of barium, Ba I 8-66511
Parkinson, W.H. *see* Kohl, J.L. 8-94218
Parkinson, W.H. *see* Smith, P.L. 8-90104
Parks, A.D. *see* Sampson, D.H. 8-62925
Parks, C.L. *see* Kurtz, L.A. 8-79291
Parks, E.K., Sheen, S.H., Wexler, S. Threshold behavior for collision-induced dissociation of CsCl and Cs_2Cl_2 by SF_6 molecules 8-88627
Parks, E.K. *see* Sheen, S.H. 8-73029
Parks, G.K. *see* Anderson, K.A. 8-85799
Parks, G.K. *see* Kaye, S.M. 8-89003
Parks, G.K. *see* Lin, C.S. 8-89001
Parks, J.H. *see* Mandl, A. 8-94269
Parks, J.L. *see* Gundlach, R.B. 8-64722
Parks, L.A. *see* Petrovich, F. 8-66313
Parks, N.J., Krohn, K.A. Cyclotron production of ^{15}N compounds for environmental and biological research 8-82551
Parks, N.J., Pool, R.R., Williams, J.R. Variation of radon retention parameters for radium-burdened dog skeletons as a function of exposure age and dosage level 8-65092
Parks, N.J., Tsuboi, K.K. Emulsion scintillation counting of radium and radon 8-81089
Parks, R.D. *see* Croft, M. 8-88157
Parks, R.D. *see* Manheimer, M.A. 8-68228
Parks, R.E., Sumner, R.E. Bright inexpensive pinhole source 8-83058
Parks, W.F. *see* Fahey, D.W. 8-54507
Parlange, F. *see* Bardet, R. 8-70634
Parlebas, J.C., Mills, D.L. Wave-vector nonconserving optical transitions in a model dilute alloy 8-72100
Parlebas, J.C. *see* Demangeat, C. 8-91639
Parlebas, J.C. *see* Mills, D.L. 8-91645
Parlinski, K. Computer experiments and their applications 8-89420
Parmar, D.S. Dielectrophoretic heat transfer in liquids 8-94874
Parmar, D.S., Martinot-Lagarde, P. Dielectric measurements on chiral smectic C liquid crystals 8-94980
Parmegiani, G. *see* Bendinelli, O. 8-93343
Parmenter, C.S. *see* Coveleskie, R.A. 8-86936
Parmenter, C.S. *see* Rordorf, B.F. 8-58734
Parmenter, R.H., Poling, D.A. The quantum lattice gas as a microscopic model of superfluid ^4He 8-59986
Parmentier, E.M. *see* Oxburgh, E.R. 8-65234
Parmentier, R.D. *see* Costabile, G. 8-68115

- Parmon, V.N.**, Kokorin, A.I., Zhidomirov, G.M. Conformational structure of nitroxide biradicals: use of biradicals as spin probes 8-86895
- Parnell, M.**, Amerman, J.D. Subjective evaluation of articulatory effort 8-65056
- Parnes, R.** Dynamic surface stresses on an elastic half-space containing a cylindrical inclusion 8-90748
- Parnovsky, S.L.** see Khalatnikov, I.M. 8-70028
- Parnum, D.H.** Gauging of interrupted surfaces 8-93649
- Parodi, O.** see Marignan, J. 8-91227
- Paroli, P.** Rag-domain garnet films: Properties and applications 8-91912
- Paroli, P.** see Antonini, B. 8-68339, 8-95595
- Parosa, R.** see Bajorek, R. 8-67597
- Parparov, E.Z.** see Gartsman, K.G. 8-51576
- Parpia, D.Y.** A study of the growth sector boundary between the $-X$ and Z sectors in synthetic quartz. I. Direct image contrast 8-59774
- Parpia, D.Y.** A study of the growth sector boundary between the $-X$ and Z sectors in synthetic quartz. II. Fringe contrast 8-59775
- Parr, P.**, Ekiert, S.E., Gramm, C. Focus and alignment sensing of a collimated light beam 8-59065
- Parr, R.G.**, Donnelly, R.A., Levy, M., Palke, W.E. Electronegativity: the density functional viewpoint 8-66485
- Parr, R.G.** see Gazquez, J.L. 8-55124
- Parr, T.P.**, Behrens, R., Jr., Freedman, A., Herm, R.R. Reactive scattering of Sn from Cl_2 and a lower limit on $D_0^0(SnBr)$ 8-64842
- Parr, T.P.**, Martin, R.M. Velocity dependence of the sensitized fluorescence of nitrogen by metastable argon 8-90204
- Parr, T.P.** see Freedman, A. 8-68883
- Parravano, G.** see Benedek, G. 8-79867, 8-79868
- Parravano, G.** see Goodwin, J.G., Jr. 8-85198
- Parravicini, G.** Pastori see Pastori Parravicini, G.
- Parrinello, M.** see Albramo, M.C. 8-59732
- Parrinello, M.** see Fasolino, A. 8-56417
- Parrinello, M.** see Gaiquinta, P.V. 8-67841
- Parris, A.J.** see Minott, D.A. 8-51342, 8-51343
- Parrish, E.A.**, Jr. see Lumia, R. 8-71052
- Parrish, M.E.** see Hatch, F.W. 8-95968
- Parrish, W.** see Ayers, G.L. 8-75492
- Parrot, J.-F.** see Desmet, A. 8-61365
- Parrot, R.**, Naud, C., Porte, C., Fournier, D., Boccaro, A.C., Rivoal, J.C. Jahn-Teller effect in the fluorescent level of Mn^{2+} in ZnSe and ZnS 8-52566
- Parrott, J.E.** see Needham, P.J. 8-57982
- Parrott, S.L.**, Rogers, J.W., Jr., White, J.M. The decomposition of ethanol, propanol and acetic acid chemisorbed on magnesium oxide 8-92502
- Parry, A.A.** see Gordelier, S.C. 8-92366
- Parry, B.** see DeHart, T.E. 8-66405
- Parry, G.** see Jakeman, E. 8-53726
- Parry, G.P.** On the relative strengths of intrinsic stability criteria 8-90738
- Parry, G.W.**, Worledge, D.H. The downtime distribution in reliability theory 8-89959
- Parry, L.G.** see Rahman, A.A. 8-56352
- Parry, P.D.** Localized substrate heating during ion implantation 8-51573
- Parry, P.D.**, Bristol, S.P. Enhanced etching of ion-implanted silicon nitride in buffered hydrofluoric acid 8-72903
- Parry, R.J.** see Chivers, R.C. 8-57044
- Parry, R.M.** see James, D.W. 8-80332
- Parry Jones, G.** see Davies, A.E. 8-82002
- Parshad, R.** see Bahadur, H. 8-88255
- Parshad, R.** see Saini, H.S. 8-94038
- Parshikura, S.N.** see Baranov, D.S. 8-62390
- Parshin, A.M.** see Morozov, A.M. 8-52986
- Parshin, P.F.** The reconstruction of optical schemes of a Michelson interferometer to obtain interference of polarized rays 8-89532
- Parshin, P.P.** see Rumyantsev, A.Yu. 8-87751
- Parshorov, I.M.** see Banov, R.M. 8-52872
- Parsignault, D.R.**, Epstein, A., Grindlay, J.E., Gursky, H., Cohn, H. Radiation environment detected by a proportional counter in Earth orbit 8-81716
- Parsignault, D.R.** see Schrijver, J. 8-96563
- Parson, J.M.** see Manos, D.M. 8-80732
- Parsonnet, V.** Pacemaker leads—a physician's view 8-57134
- Parsons, D.F.** see Malk, E.G. 8-71084
- Parsons, J.D.** Structural critical point at the free surface of a nematic liquid crystal 8-91247
- Parsons, J.R.** An introduction to crystal lattice imaging with the electron microscope 8-79508
- Parsons, K.C.**, Griffin, M.J. The effect of the position of the axis of rotation on the discomfort caused by whole-body roll and pitch vibrations of seated persons 8-85461
- Parsons, R.J.** see Arora, S.S. 8-85424
- Parsons, R.L.** see Dionne, V.E. 8-80868
- Parsons, R.R.** Photoluminescence in heavily-doped Si(P) 8-72572
- Parsons, W.F.**, Faust, M.A., Brady, L.E. Morphology and rheology of peel of model adhesives 8-92439
- Partain, L.D.** see Lakshminarayana, M.R. 8-87079
- Parteli, E.** Thermal stresses in cracked nuclear fuel pellets 8-82462
- Parter, S.V.** see McLeod, J.B. 8-59404
- Parthasarathy, M.** see Alladin, S.M. 8-93330
- Parthasarathy, R.** On weak from factors in nuclear muon capture 8-62508
- Parthasarathy, R.** Hydrogen-implanted interplanetary dust grains: their role in hydrogen chemistry of the upper atmosphere 8-65445
- Parthasarathy, S.** Successive refinement of structures with data of increasing resolution: A theoretical study for triclinic space groups 8-75607
- Parthe, E.** see Fornasini, M.L. 8-75625
- Partin, D.L.**, Milnes, A.G., Vassamillet, L.F. Effects of constant metals on minority carrier diffusion lengths in GaAs 8-72260
- Partina, V.V.** see Kumeishin, V.F. 8-76361
- Parton, V.Z.**, Perlin, P.I. Application of the method of potentials in problems of fracture mechanics 8-51121
- Partovi, M.H.**, Jabbarian-Lotfabadi, A. Application of the new fermion-antifermion equation to positronium and the numerical solution of its static-interaction limit, the Breit equation 8-62963
- Partridge, P.**, Ferrante, A.J. A numerical model for circulation studies in Brazil 8-77286
- Partridge, R.B.** see Palumbo, G.G.C. 8-69890
- Parts, T.-E.M.** see Kink, M.F. 8-76528
- Partus, F.P.** see Myers, D.L. 8-90532
- Partz, M.** see Lopes, J.L. (editor) 8-54233
- Parungo, F.P.**, Allee, P.A., Weickmann, H.K. Snowfall induced by a power plant plume 8-81284
- Parus, I.**, Kierzek, J., Zoltowski, T. On-line control of nuclear fuel reprocessing 8-74460
- Parus, J.L.**, Ratynski, W., Zoltowski, T., Tys, J., Kierzek, J., Cieslak, E., Kownacki, J. Data evaluation in nondispersive X-ray fluorescence analysis of copper ore processing materials 8-92575
- Parusov, V.V.**, Dolzhenkov, I.I., Evsyukov, M.F. Investigation into kinetics of transformation of supercooled austenite into spheroidized pearlite 8-95742
- Parvan, R.**, Bohatiel, T. High frequency discharges in krypton at subatmospheric pressures 8-67460
- Parvez, A.**, Becker, M. Interactive graphics interpretation of calculation-measurement discrepancies for neutron spectrum measurements in sodium 8-62590
- Parvizi, A.**, Bailey, J.E. On multiple transverse cracking in glass fibre epoxy cross-ply laminates 8-95800
- Parysek, S.** see Cherin, P. 8-85259
- Pasanen, E.G.** see McFadden, D. 8-61196
- Pascal, H.**, Spulber, I. On some problems of nonsteady multiphase flow through porous media 8-51237
- Pascal, B.** see Jenouvrier, A. 8-78716
- Pascaud, C.** see Alibrán, P. 8-50026
- Pascaud, C.** see Krenz, W. 8-54624
- Pascher, H.** see Appold, G. 8-52494
- Paschke, F.** see Pacha, F. 8-56150
- Paschmann, G.**, Haerndel, G., Skopke, N., Rosenbauer, H. The entry layer 8-61669
- Paschmann, G.** see Bame, S.J. 8-85800
- Paschmann, G.** see Haerndel, G. 8-89010
- Paschmann, G.** see Skopke, N. 8-61670
- Pasco, I.** Design advantages of plastics optical systems 8-87119
- Pasco, I.K.**, Everest, J.H. Plastics optics for opto-electronics 8-63210
- Pascoli, D.** see Centro, S. 8-55119
- Pascoli, D.** see Heller, M. 8-70689
- Pascolo, P.** see Falco, M. 8-51108
- Pascu, D.** A history of the discovery and positional observation of the Martian satellites, 1877-1977 8-89101
- Pascual, J.**, Camassel, J., Mathieu, H. Lattice dynamics of TiO_2 : An unambiguous assignment of the fundamental absorption edge 8-71817
- Pascual, J.L.**, Arizmendi, L., Jaque, F., Agullo-Lopez, F. Luminescence spectra of lead-doped NaCl, KCl and KBr 8-95604
- Pascual, P.** Elementary particle approach to β -decay and muon capture in the $A=12$ nuclei 8-66246
- Pascual, R.** see Mintzer, S. 8-80609
- Pascual, R.** see Pajares, C. 8-66172
- Pasechnik, L.L.** see Gromov, S.N. 8-75384
- Pasechnik, L.L.** see Naumovets, V.G. 8-67546, 8-79448
- Pasechnik, V.I.** Problem of the transformation of energy in the mechanoreceptors 8-96058
- Pasechnik, V.I.**, Kuznetsova, Ye.S. Dependence of the modulus of elasticity in the plane of the membrane on the value of its deformation 8-80894
- Pasechnik, Yu.A.**, Getsko, O.M., Bantser, S.G., Snitko, O.V. Surface luminescence of silicon carbide in the presence of anodization 8-52579
- Pasechnik, Yu.A.** see Venger, E.F. 8-55288
- Pasechnik, Z.V.** see Ibragim, F.N. 8-63503
- Pasechnikov, A.M.** see Afonin, I.P. 8-54911
- Pasechnyuk, N.P.** see Klevtsova, R.F. 8-79597
- Pasemann, L.** On the screening of the ions in solids: band structure calculations of Si with several screening variants 8-67938
- Pashaev, K.** see Manz, A. 8-56207
- Pashaev, O.K.** see Fainberg, V.Ja. 8-78079
- Pashagin, A.I.** see Schcherbinin, V.E. 8-53093
- Pashchenko, M.I.**, Slysh, V.I. Absorption of galactic radio sources by the OH radio lines 8-54068
- Pashchenko, S.V.** see Gol'dshtein, V.Ya. 8-88474
- Pashchenko, V.I.** see Khrapkov, A.A. 8-76766
- Pashin, M.M.** see Angelov, A.I. 8-71020
- Pashina, E.P.** see Onopko, D.E. 8-84640
- Pashinin, P.P.**, Fedorov, M.V. Pressure of light on charged particles during stimulated bremsstrahlung absorption 8-87438
- Pashinin, P.P.** see Kil'pio, A.V. 8-86747
- Pashitskii, E.A.**, Shpigel', A.S. On superconductivity of many-valley degenerate semiconductors and semimetals with equivalent valleys 8-56254
- Pashitskii, E.A.**, Shpigel', A.S. Effect of intervalley transitions on the ferromagnetic ordering of itinerant electrons. Condition of ferromagnetism 8-68145
- Pashitskii, E.A.** see Gabovich, A.M. 8-79951, 8-95402
- Pashkevich, I.K.** see Bur'yanov, V.B. 8-85511
- Pashkevich, I.K.** see Krutikhovskaya, Z.A. 8-61313
- Pashkevich, V.V.** see Zapevalov, V.A. 8-86561
- Pashkin, S.V.** see Akishev, Yu.S. 8-71562
- Pashkin, S.V.** see Akishov, Yu.S. 8-87511
- Pashkov, I.T.** see Goryunov, E.P. 8-78527
- Pashkov, V.V.**, Konovodchenko, E.V. Sound velocity in liquid hydrogen and deuterium 8-75731
- Pashkov, V.V.**, Konovodchenko, E.V. Ultrasound velocity in liquid neon 8-83879
- Pashkova, T.V.** see Fel'dman, E.I. 8-85071
- Pashkovskii, F.I.**, Shamaev, Yu.M. Connection between limiting hysteresis loop of ferrites and number of axes of easy magnetisation 8-72364
- Pashley, D.H.** see Fry, B.W. 8-78821
- Pashuk, I.P.** see Vishnevskii, V.N. 8-72586
- Pasichnyi, A.** see Fursaev, A.V. 8-58265
- Pasierb, H.** see Szymanska, H. 8-53014, 8-85021
- Pasimeni, L.** The effect of field modulation upon time-resolved ESR spectra 8-78731
- Pasinetti, L.E.** see Antonello, E. 8-61867
- Pasini, G.** see Fattori, V. 8-82062
- Pask, C.** Equal excitation of all modes on an optical fiber 8-63182
- Pask, C.** Generalized parameters for tunneling ray attenuation in optical fibers 8-66908
- Pask, C.** see Barrell, K.F. 8-50927
- Pask, G.**, Kopstein, F.F. Teaching machines revisited in the light of conversation theory 8-49614
- Pask, J.A.** see Snowden, W.E. 8-80601
- Paska, I.** see Matisova-Rychla, L. 8-68893
- Paskevich, A.F.** see Mekhonoshin, V.A. 8-60963
- Pas'ko, P.G.**, Nikitenko, V.A. Optical and electrophysical properties and morphology of single crystals of zinc oxide grown by recrystallization in water vapor and hydrogen 8-52649
- Paskowski, Z.A.** Field performance on the THEO 020 A theodolite 8-77859
- Pasmaulik, G.A.** see Bepalov, V.I. 8-83031
- Pasold, G.**, Wendland, K.-H. Enhancement of the diffraction efficiency of Fourier holograms 8-78954
- Pasotti, G.**, Spadoni, M. Superconducting magnets for fusion reactors: the problem of a reliable and effective cooling system 8-54998
- Pasotti, G.** see Bruzese, R. 8-64175
- Pasour, J.A.** see Golden, J. 8-78998, 8-93784
- Paspirov, I.I.** see Kostandov, Yu.A. 8-51858
- Pasquale, V.** see Cagnetti, V. 8-69299
- Pasqualetti, F.** see Consortini, A. 8-87077
- Pasquantonio, F.** Di see Di Pasquantonio, F.
- Pasquarelli, A.** see Mezzetti, E. 8-58275
- Pasquette, D.** see Bouffard, V. 8-62214
- Pasquier, J.Y.**, Pasquier, R. On the analytic properties of nonrelativistic two-body off-shell amplitudes. II. Off-shell generalizations of the Jost formalism 8-49687
- Pasquier, R.** see Pasquier, J.Y. 8-49687
- Pasricha, P.K.** see Lakshmi, D.R. 8-69588
- Passarelli, R.E.**, Jr. An approximate analytical model of the vapor deposition and aggregation growth of snowflakes 8-73433
- Passenheim, B.C.** see Treadaway, M.J. 8-83054
- Passereau, G.** see Depauteux, C. 8-62271
- Passerone, A.** see Coudurier, L. 8-51787
- Passig, G.** see Bartels, G. 8-92207

- Passini Yuhas, M.**, Bolef, D.I., Miller, J.G. Intrinsic spin-lattice relaxation rates in MgO:Fe^{2+} from nonresonant ultrasonic measurements 8-80203
- Passler, M.A.**, Stiles, P.J. Surface reflectance spectroscopy on low-index planes of tungsten 8-71965
- Passner, A.**, Venkatesan, T. Inexpensive, pulsed, tunable IR dye laser pumped by a flash-lamp-driven dye laser 8-94400
- Passoja, A.** see Julin, R. 8-70715
- Passos, E.J.V.** see De Passos, E.J.V.
- Pasternack, L.**, Dagdigan, P.J. The reaction of metastable Ca atoms with O_2 and CO_2 8-92450
- Pasternak, A.** Static displaced shell model for the lattice dynamics of CoCl_2 8-79689
- Pasternak, A.**, Anderson, A., Leech, J.W. Lattice dynamics of bromine and chlorine using the simple bond charge model 8-55919
- Pasternak, A.**, Anderson, A., Leech, J.W. A bond charge model for the lattice dynamics of the halogen molecular crystals 8-79692
- Pasternak, A.W.** see James, D.J. 8-50805
- Pasternak, C.**, Slifkin, M.A., Shinitzky, M. Polarised photochromism in solid solutions 8-64859
- Pasternak, N.A.**, Predvoditelev, A.A. Influence of surface state on scale dependence of strength of whiskers and macrocrystals of ammonium dihydrophosphate (ADP) 8-51864
- Pastol, J.L.** see Fromageau, R. 8-72790
- Pastor, R.W.**, Goodisman, J. Surface tension calculations for molten salts: Critique and modification of the Fowler model 8-67888
- Pastore, F.** see Aschman, D.G. 8-78201
- Pastore, F.** see Goggi, G. 8-89739, 8-89740
- Pastorek, C.** see Cooke, R.D. 8-80324
- Pastori Parravicini, G.** see Doni, E. 8-80379
- Pastori Parravicini, G.** see Grosso, G. 8-67692
- Pastouret, L.**, Chamley, H., Delibrias, G., Duplessy, J.C., Thiede, J. Late Quaternary climatic changes in Western Tropical Africa deduced from deep-sea sedimentation off the Niger delta 8-73555
- Pastrone, F.** On the dynamics of a second-order thin rod 8-77717
- Pastukhov, A.F.** A contribution to the theory of stationary ocean currents 8-81203
- Pastukhov, A.F.**, Sukhovei, V.F. Geostrophic circulation of the waters of the Central American seas 8-92842
- Pastukhov, V.P.** Classical transport processes in a magneto-electrostatic trap 8-75403
- Pastukhova, Zh.P.** see Gavrilova, A.V. 8-84932
- Pastushenko, V.F.** see Markin, V.S. 8-85306
- Pastushkov, B.G.** see Novoselov, G.P. 8-66344
- Pastyan, F.** Digital thermometers 8-54367
- Pasupathy, J.**, Singh, C.A. Partially conserved axial-vector current in S-matrix theory 8-58175
- Paszewicz, T.** Bloch equations for a hydrogen-bonded ferroelectric 8-64324
- Pasztor, E.**, Kiralyhidi, L., Riedl, P. Heavy ion source with indirect heating 8-50427
- Pasztor, G.**, Schmidt, C. Dynamic stress effects in technical superconductors and the 'training' problem of superconducting magnets 8-49870
- Patacca, A.M.** see Holloway, D.C. 8-54338
- Pataki, A.**, Meier-Ruge, W., Wiederhold, K.-H., Remy, E. The laser microbeam as a tool for tissue sampling in biochemistry 8-69175
- Patankar, S.V.** A numerical method for conduction in composite materials, flow in irregular geometries and conjugate heat transfer 8-94522
- Patankar, S.V.**, Liu, C.H., Sparrow, E.M. The periodic thermally developed regime in ducts with streamwise periodic wall temperature or heat flux 8-59484
- Pataukar, S.V.**, Ramadhyani, S., Sparrow, E.M. Effect of circumferentially nonuniform heating on laminar combined convection in a horizontal tube 8-71331
- Patankar, S.V.** see DeJoode, A.D. 8-51214
- Patankar, S.V.** see Sparrow, E.M. 8-90881, 8-91016
- Patargias, N.** see Jannussis, A. 8-73871, 8-77800
- Patashinskii, A.Z.** see Iskol'dskii, A.M. 8-83226, 8-83917
- Patch, R.W.** see Englert, G.W. 8-75276
- Patchett, B.** see Burton, W.M. 8-65632
- Pateau, L.** see Torres, J. 8-92252
- Patel, A.R.**, Rao, K.V., Shivakumar, G.K. Initial stages of bismuth deposition 8-63955
- Patel, A.R.**, Shivakumar, G.K. X-ray analysis of thick bismuth and antimony films 8-72016
- Patel, A.R.**, Venkateswara Rao, A. Modified gel technique to grow single crystals of KClO_4 8-72711
- Patel, A.R.** see Sutaria, J.N. 8-67720
- Patel, B.S.** Compact high-power TEA N_2 laser 8-90427
- Patel, C.C.** see Kulkarni, G.V. 8-90086
- Patel, C.K.N.** see Matthias, B.T. 8-95438
- Patel, D.K.**, Goglia, G.L. A numerical study of flow phenomena within a vortex sink rate sensor 8-63436
- Patel, G.N.** see Patel, V.M. 8-76855
- Patel, G.S.**, Goodling, J.S., Khader, M.S. Experimental results of two-dimensional inward solidification 8-95134
- Patel, J.R.** see Barns, R.L. 8-72712
- Patel, K.** see Ali, H. 8-57929
- Patel, L.A.** Temporal growth of a parametric excitation by a self-focused laser beam 8-50868
- Patel, L.A.** see Sodha, M.S. 8-79436
- Patel, L.K.**, Akbari, R.P. An Einstein-NUT metric 8-93565
- Patel, L.K.** see Bhatt, P.V. 8-89382
- Patel, M.H.** Force measurements on finite wings in oscillatory vertical gusts 8-71353
- Patel, N.C.** see Teja, A.S. 8-79740
- Patel, P.D.**, Theofanous, T.G. Fragmentation requirements for detonating thermal explosions 8-71368
- Patel, P.D.** see Theofanous, T.G. 8-71266
- Patel, P.M.** see Dombeck, T. 8-82255
- Patel, P.M.** see Lamsa, J.W. 8-54658
- Patel, P.R.**, Gill, S.S. Experiments on the buckling under internal pressure of thin torispherical ends of cylindrical pressure vessels 8-90736
- Patel, R.D.** see Ackerman, R.C. 8-51163
- Patel, R.P.** Effects of stream turbulence on free shear flows 8-59378
- Patel, S.M.**, George, V. Growth of cubic zinc sulphide crystals in gels 8-68614
- Patel, S.M.** see George, V. 8-60557
- Patel, T.C.** see Sangwal, K. 8-67714
- Patel, V.A.** Karman vortex street behind a circular cylinder by the series truncation method 8-79325
- Patel, V.L.** Low frequency drift oscillations near the plasmopause 8-61650
- Patel, V.L.** Interplanetary magnetic field variations and the electromagnetic state of the equatorial ionosphere 8-77413
- Patel, V.M.**, Patel, G.N., Gvozdic, N., Hsu, C.S., Dole, M. Radiation chemistry of polyethylene. XIV. Allyl radical decay kinetics in different types of polyethylene 8-76855
- Patel, V.V.** see Engler, E.M. 8-91680
- Patella, D.** Resistivity sounding on a multi-layered Earth with transitional layers. II. Theoretical and field examples 8-69282
- Patella, F.** see Knapp, J.A. 8-91743
- Patenaude, M.** Age determination of open clusters 8-61893
- Pater, C.J.** see De Pater, C.J.
- Patera, J.** see Burdet, G. 8-77759
- Patera, R.P.** Scattering supplement to 'Velocity space and geometry of planetary orbits' [for teachers] 8-81749
- Paterno, G.**, Nordman, J. Self-resonant modes in Nb-NbOx-Pb Josephson junctions 8-64169
- Paterno, G.** see Barone, A. 8-56265
- Paterson, D.** A supernova trigger for the solar system 8-77499
- Paterson, D.** Methane from the bowels of the Earth 8-92809
- Paterson, I.A.** see Monger, J.W.H. 8-88825
- Paterson, J.A.**, Duffy, T.J., Haughian, J.M., Biagi, L.A., Yee, D.P. The design and fabrication of an ion accelerator for TFTR-type neutral beam systems 8-66381
- Paterson, J.A.** see Biagi, L.A. 8-66379
- Paterson, J.M.** see Heile, F.B. 8-74238
- Paterson, J.M.** see Jaros, J.A. 8-50042
- Paterson, J.M.** see Peruzzi, I. 8-74252
- Paterson, J.M.** see Tanenbaum, W. 8-66113
- Paterson, M.S.** see Kekulawala, K.R.S.S. 8-61410
- Paterson, W.S.B.** Extent of the late-Wisconsin glaciation in northwest Greenland and northern Ellesmere Island: a review of the glaciological and geological evidence 8-57232
- Patey, G.N.** Integral equation approximations for fluids of hard spheres with linear quadrupoles 8-63652
- Patey, G.N.** see Levesque, D. 8-55798
- Pathak, A.P.** Stopping power of solids in planar channelling 8-51602
- Pathak, B.P.** see Huang, H. 8-74333
- Pathak, L.P.**, Hemkar, M.P. Gruneisen parameter of noble metals 8-51638
- Pathak, L.P.**, Rai, R.C., Hemkar, M.P. Lattice vibrations and Debye temperatures of transition metals 8-63818
- Pathak, L.P.** see Singh, B.P. 8-79683, 8-83894
- Pathak, M.P.** see Srivastava, S.K. 8-86153
- Pathak, N.** see Gupta, A.P. 8-79237, 8-94600
- Pathak, R.** see Prasad Pathak, R.
- Pathak, R.S.** see Singh, J.P. 8-59449, 8-59450
- Pathania, R.S.** see Tatone, O.S. 8-54826
- Patheja, B.L.** see Sodha, M.S. 8-51311
- Pati, J.C.**, Rajpoot, S., Salam, A., Strathdee, J. Evidence for leptonic colour? 8-62350
- Pati, J.C.** see Mani, H.S. 8-70306
- Patil, C.G.**, Krishnamurthy, B.S. Carrier mobility in ferromagnetic semiconductors 8-51992
- Patil, C.G.**, Krishnamurthy, B.S. Magnon drag thermoelectric power in ferromagnetic semiconductors 8-80012
- Patil, C.G.**, Krishnamurthy, B.S. Electron mobility in EuO below Curie temperature 8-91696
- Patil, D.C.**, Korwar, V.M. Iteration and Langer's methods for computing wave functions 8-86762
- Patil, K.J.** Ultrasonic sound velocity behaviour in organic polar liquids 8-87742
- Patil, N.P.** see Date, T.H. 8-70024
- Patil, P.V.**, Chincholkar, V.S. Structural studies in the system $(\text{Li}_{0.5}\text{Ln}_{0.5})\text{TiO}_3$ 8-83791
- Patil, R.N.** see Chougale, B.K. 8-95617
- Patil, S.F.** see Chandratillake, M.R. 8-95053
- Patir, N.** A numerical procedure for random generation of rough surfaces 8-62060
- Patki, B.A.** see Deshpande, D.A. 8-80422
- Patki, B.A.** see Kher, V.G. 8-64313
- Patkin, A.** see Rao, V.U.S. 8-80083
- Patnaik, P.R.** see Kudchadker, A.P. 8-75703
- Patni, G.C.**, Atolia, R.N. A study of the slow unsteady flow of an incompressible Oldroyd liquid between two porous walls at slightly variable distance from each other with distributed suction 8-63452
- Patocka, J.** see Ermilova, D.I. 8-62468
- Paton, A.** see Salaneck, W.R. 8-92565
- Paton, N.E.** see Mahoney, M.W. 8-64688
- Patorski, K.** see Yokozeki, S. 8-87009
- Patou, C.** see Billon, D. 8-58490
- Patrascioiu, A.** Infrared problems in the presence of instants 8-70284
- Patrick, G.** see Gore, D.J. 8-73267
- Patrick, G.N.** see Barber, D.P. 8-78189
- Patrick, R.C.** Double helix vacuum resistance heater 8-49839
- Patrick, W.H., Jr.** see Delaune, R.D. 8-96247
- Patrugin, E.A.**, Tseitlin, V.G. Method of raising confidence and productivity of measurement facility inspection 8-77840
- Patryas, Z.**, Zalewski, E., Zmija, J. Calculation of the distribution of stresses in semi-transparent single crystal pulling by the Czochralski technique 8-63681
- Patrykiejew, A.**, Jaroniec, M., Rudzinski, W. Two-dimensional mobile films of gases of solids: adaptation of three-dimensional equations of state to physical adsorption of single gases on homogeneous surfaces 8-79877
- Patrykiejew, A.**, Jaroniec, M., Rudzinski, W. Partially mobile and partially localized monolayer films. I. Adsorption of single gases on solids 8-91550
- Patrykiejew, A.**, Jaroniec, M., Rudzinski, W. Partially mobile and partially localized monolayer films. II. Adsorption of binary gas mixtures on solids 8-91551
- Patrykiejew, A.** see Jaroniec, M. 8-87864
- Patrykiejew, A.** see Rudzinski, W. 8-84073
- Pats, Yu. V.** see Pushin, V.G. 8-68711
- Patsegon, N.F.** Structure of the low intensity jump in a conducting magnetic fluid 8-75214
- Patskun, I.I.** see Grishchenko, G.A. 8-84258
- Pats'ora, S.K.** see Gabovich, M.D. 8-50692
- Pattabhi, V.** Crystal structure of 1-amino-2-phenyl benzocyclohexanol hydrobromide monohydrate 8-79601
- Pattabhi Ramacharyulu, N.C.** see Narasimhacharyulu, V. 8-75201
- Pattabhiramacharyulu, N.Ch.** see Narasimhacharyulu, V. 8-75203
- Pattanayak, D.N.**, Birman, J.L. Boundary value formulation and integro-differential equations for electromagnetic scattering theory 8-66726
- Patten, B.C.** see Rowland, R.E. 8-96075
- Pattengill, M.D.** Comparison of planar trajectory and classical centrifugal decoupling cross sections for rotationally inelastic Ar-HCl collisions 8-58788
- Patter, D.M.** Van see Van Patter, D.M.
- Patteri, P.** see Esposito, B. 8-66132
- Patterson, B.D.**, Hintermann, A., Kundig, W., Meier, P.F., Waldner, F., Graf, H., Recknagel, E., Weidinger, A., Wichert, T. Anomalous muonium in silicon 8-60373
- Patterson, B.D.** see Graf, H. 8-68438
- Patterson, B.D.** see Meier, P.F. 8-92010
- Patterson, C.W.** see Harter, W.G. 8-58661
- Patterson, D.** see Gentle, K. 8-54984
- Patterson, D.E.** see Husar, R.B. 8-61542
- Patterson, D.M.** see Caldwell, G.S. 8-54936
- Patterson, E.L.** see Gerber, R.A. 8-63102
- Patterson, F.E.** see Thornbury, J.R. 8-73229
- Patterson, G.D.** see Alms, G.R. 8-68522
- Patterson, G.S.** see Siggia, E.D. 8-59375
- Patterson, G.S., Jr.** Prospects for computational fluid mechanics 8-59366
- Patterson, H.H.** see Khan, S.M. 8-72584
- Patterson, J.**, Robinson, E.L., Nather, R.E. Rapid oscillations in cataclysmic variables. I. The 71 second oscillation of DQ Herculis 8-93259
- Patterson, J.D.**, Gruzalski, G.R., Sellmyer, D.J. Finite temperature calculations for the random anisotropy model for amorphous magnets 8-80112
- Patterson, J.D.** see Gruzalski, G.R. 8-68273

- Patterson, J.H. *see* Burdick, C.K. 8-88712
- Patterson, J.P., Jones, D.R.H. Moulding of a metallic glass 8-80536
- Patterson, J.W. Fundamental concepts in the scaling of metals 8-64761
- Patterson, M.M. *see* Myers, D. 8-57136
- Patterson, P.L. Comparison of quenching effects in single- and dual-flame photometric detectors 8-61072
- Patterson, R.D., Johnson-Davies, D., Milroy, R. Amplitude-modulated noise: the detection of modulation versus the detection of modulated rate 8-85320
- Patterson, R.J., Frape, S.K., Dykes, L.S., McLeod, R.A. A coring and squeezing technique for the detailed study of subsurface water chemistry 8-57332
- Patterson, R.W., Adam, J.D. Non-Ohmic currents in LPE YIG films 8-68099
- Patterson, T.A., Siegel, M.W., Fite, W.L. Associative ionization of uranium and thorium in collisions with ozone 8-94317
- Patterson, W. A Marshall plan, nuclear style 8-58367
- Pattison, B. *see* Alibrán, P. 8-50026
- Pattnaik, P.C. *see* Thompson, M.D. 8-51951
- Patton, C.E., Schmidt, H. Characterization of lunar ferromagnetic phases by the effective linewidth method 8-95523
- Patton, C.E. *see* Satoh, T. 8-72365
- Patton, D.D. Controllable parameters of nuclear medicine images 8-69191
- Patton, H.G. *see* Godwin, R.O. 8-82989
- Patton, H.G. *see* Wallerstein, E.P. 8-59039
- Patton, R. *see* Beier, E. 8-74290
- Patton, R. *see* Weisberg, H. 8-74291
- Patton, R.J., Linkens, D.A. Hodgkin-Huxley type electronic modelling of gastrointestinal electrical activity 8-61165
- Patryn, H. Ion implantation in ferromagnets 8-79623
- Patryn, H. *see* Dumont, G. 8-70682
- Paty, M. The recent attempts to verify quantum mechanics 8-54245
- Paty, M. *see* Erriquez, O. 8-82195
- Patz, W., Flamig, A. The dependence of the porosity of ion-plated films on the process parameters 8-84720
- Paulfer, P. *see* Ullrich, H.-J. 8-95153
- Paukov, I.E. *see* Amitin, E.B. 8-51695, 8-51697
- Paul, A., Donaldson, J.D., Donoghue, M.T., Thomas, M.J.K. Infrared and ^{119}Sn Mossbauer spectra of tin borate glasses 8-60438
- Paul, A., Zaman, M.S. The relative influences of Al_2O_3 and Fe_2O_3 on the chemical durability of silicate glasses at different pH values 8-72902
- Paul, A.K. *see* Ghosh, S.N. 8-68889
- Paul, D.I. *see* Brown, D.K. 8-52402
- Paul, D.K. *see* Chaudhuri, B.B. 8-83084
- Paul, D.McK., Springfield, M. Dynamical properties of quasiparticle excitations in potassium and rubidium 8-84128
- Paul, D.R. *see* Chan, A.H. 8-76913
- Paul, D.R. *see* Southern, J.H. 8-79290
- Paul, E. *see* Ferrando, A. 8-54650
- Paul, H. *see* Brunner, W. 8-50791
- Paul, H.S., Sarma, K.V. Torsional wave propagation in a finite piezoelectric cylindrical shell 8-56428
- Paul, H.S., Venkateswara Sarma, K. Transient analysis of a potential pulse in a piezoelectric (622) crystal plate 8-52442
- Paul, H.S., Venkateswara Sarma, K. Longitudinal wave propagation in a finite piezoelectric cylindrical shell 8-92026
- Paul, J. *see* Byer, R.L. 8-89448
- Paul, J.A. *see* Bignami, G.F. 8-86007
- Paul, J.A. *see* Lebrun, F. 8-54011
- Paul, J.A. *see* Lichti, G.G. 8-93481
- Paul, J.A. *see* Swannburg, B.N. 8-93454
- Paul, J.W.M. *see* Axon, K.B. 8-67376
- Paul, M., Sanders, S.J., Cseh, J., Geesaman, D.F., Henning, W., Kovar, D.G., Olmer, C., Schiffer, J.P. Resonant effects in the reaction $^{24}\text{Mg}(^{16}\text{O}, ^{12}\text{C})^{28}\text{Si}$ 8-54800
- Paul, P. *see* Goerlach, U. 8-78429
- Paul, P. *see* Malmin, R.E. 8-78410, 8-82330
- Paul, S. On the disturbance in the poro-elastic medium by an expanding ring and disc load 8-79250
- Paul Lin Pei-Jan *see* Pei-Jan Paul Lin
- Pauletta, G. *see* Fong, J. 8-94008
- Pauletta, G. *see* Foroughi, F. 8-89833
- Pauletta, G. *see* Hoffman, G.W. 8-54760
- Pauletta, G. *see* Hoffmann, G.W. 8-70526
- Pauli, G., Renk, K.F. Quantitative study of the phonon bottleneck effect of 29 cm^{-1} phonons in ruby 8-68562
- Pauli, G., Renk, K.F. Spectral diffusion of resonantly trapped 29 cm^{-1} phonons in ruby 8-92113
- Pauli, M., Rosel, F., Trautmann, D. Screening effects in the Coulomb ionisation of inner shell electrons 8-74749
- Pauli, M., Rosel, F., Trautmann, D. Electronic relativistic effects in the semiclassical theory of K-shell ionisation 8-78792
- Paulikas, G.A. *see* Vampola, A.L. 8-61681
- Paulin, A., Zoric, T. High voltage experiments for electrostatic inflector and extractor 8-50421
- Paulin, S. *see* Sandor, T. 8-69216
- Pauling, L. Bond angles in transition-metal tricarbonyl compounds: a test of the theory of hybrid bond orbitals 8-94188
- Pauling-Toth, I.L.K., Witzel, A., Preuss, E., Kuhr, H., Kellerman, K.I., Fomalont, E.B., Davis, M.M. The 5 GHz strong source surveys. IV. Survey of the area between declination 35 and 70 degrees and summary of source counts, spectra and optical identifications 8-69893
- Pauliny-Toth, I.L.K., Preuss, E., Witzel, A., Genzel, R., Kellerman, K.I., Shaffer, D.B., Matveenko, L.I., Moiseev, I.G., Kogan, L.R., Kostenko, V.I., Ronneng, B. High-resolution observations of compact radio sources at 1.35 cm wavelength 8-69902
- Pauliny-Toth, I.L.K. *see* Shaffer, D.B. 8-86029
- Pauliny-Toth, I.L.K. *see* Witzel, A. 8-69894
- Pauls, T. *see* Salter, C.J. 8-61903
- Paulsen, A. *see* Liskien, H. 8-78372
- Paulsen, K., Rehder, D., Thoennes, D. Temperature and solvent dependence of vanadium-51 chemical shifts and line widths of vanadyl-trisopropylate 8-70853
- Paulson, D.N., Wheatley, J.C. Attenuation of low-frequency zero sound in superfluid $^3\text{He-B}$ 8-75901
- Paulson, D.N., Wheatley, J.C. Incipient superfluidity in liquid ^3He above the superfluid transition temperature 8-79846
- Paulson, D.N. *see* Krusius, M. 8-54376
- Paulson, J.A. *see* Murch, G.M. 8-65026
- Paulson, R.F. *see* Brandelik, J.E. 8-58998
- Paulson, R.W., Price, E., Hodor, J., Barney, J. A tracking receiver with holographic information processing 8-78970
- Paulus, U. Two-valley model for studying the low temperature phases in n-type inversion layers of semiconductors 8-72275
- Pauly, H. Stochastic late effects after partial body irradiation in diagnostic radiology: evaluation of approximate data 8-69152
- Pauly, H. Atomic and molecular impact processes and the determination of intermolecular interactions 8-86971
- Pauly, H. *see* Buck, U. 8-66619
- Pauly, H. *see* Muller, R. 8-86274
- Paumier, J.L. *see* Burq, J.P. 8-89741
- Paunow, B. *see* Kortensky, H. 8-76803
- Paur, R.J. Accuracy of ozone calibration methods 8-69506
- Paureau, J. Study of seal tightness under pressure 8-54386
- Pauri, M. *see* Onofri, E. 8-86131
- Pautot, G. *see* Hoffert, M. 8-73353
- Pautrat, J.L. *see* Katircioglu, B. 8-87697
- Pautrat, M. *see* Albouy, G. 8-78309
- Pautrat, M. *see* Richel, H. 8-78316
- Pavelek, M., Ramik, Z., Liska, M. Automation of the evaluation of interferograms of thermal boundary layers 8-62220
- Pavelesku, M., Dumitrescu, Kh., Okeane, G. Optimization of the 2 objective functions of an LMFBR power reactor 8-70590
- Pavelets, S.Yu. *see* Kantariya, R.V. 8-72199, 8-84284
- Paver, N. *see* Bartl, A. 8-70380
- Paveri Fontana, S.L. *see* Paiano, G. 8-82120
- Pavese, F. Some thermodynamic properties of ethane between its double solid-to-solid transition and its triple-point temperature 8-75828
- Pavin, N.Ya. *see* Kasatkin, B.A. 8-87227
- Pavinich, V.F., Lazarev, A.N. Interpretation of complex contours of infrared reflection bands (comments on the paper: dispersive analysis of the complex reflection spectra of dielectrics) 8-72508
- Pavithran, S. *see* Babu Rao, M.N. 8-83297
- Pavlenko, E.A., Gnidak, N.L. Measuring neutron absorption cross section 8-78431
- Pavlenko, E.P. *see* Abramenko, A.N. 8-77622
- Pavlenko, V.N., Revenchuk, S.M. The anomalous penetration of electromagnetic waves through a plasma layer 8-71488
- Pavlenko, V.P. Anomalous wave amplification in a plasma with an electron beam 8-87463
- Pavlenko, V.P. Nonlinear wave amplification in a beam-plasma system 8-91103
- Pavlenko, V.P. *see* Davydova, T.A. 8-59591
- Pavlenko, Yu.G. Quasiclassical approximation in spinor electrodynamics 8-49996
- Pavlenko, Yu.G. Polarization of relativistic particles in plane-wave fields 8-74192
- Pavlenko, Yu.G. *see* Vshivtsev, A.S. 8-66729
- Pavlichkova, O.V. *see* Glikman, L.G. 8-50689, 8-50690
- Pavliidi, I.M. *see* Batrakov, G.F. 8-77282
- Pavlik, B.D. Atom motion in the quantized electromagnetic field 8-66515
- Pavlikov, G.I. *see* Batalov, V.S. 8-95868
- Pavlin, V. *see* Durelli, A.J. 8-59307
- Pavlina, V.S. Viscoelastic deformation kinetic equations for solids in the presence of physicochemical processes 8-90720
- Pavlinov, M.I. *see* Borodulya, V.A. 8-94847
- Pavlinkii, G.V., Velichko, Yu.I., Revenko, A.G. Program for calculation of analytical line intensities of X-ray fluorescence spectra 8-61107
- Pavloff, A.N. *see* Alekseev, A.V. 8-85844
- Pavloff, O., Bontcheva-Mladenova, Z. Measurements of the $\text{Ag}_2\text{Te-Ag}_2\text{S}$ system at 300K 8-64044
- Pavlopoulos, P., Zioutas, K., Backenstoss, G., Blum, P., Fransson, K., Guigas, R., Hassler, N., Izycki, M., Koch, H., Nilsson, A., Poth, H., Suffert, M., Towscher, L. Possible evidence for narrow bound states related to the pp system 8-62443
- Pavlopoulos, P. *see* Beetz, R. 8-54806
- Pavlopoulos, P. *see* Poth, H. 8-70979
- Pavlopoulos, P. *see* Suffert, M. 8-54642
- Pavlov, A.B. *see* Baboshin, V.N. 8-50769
- Pavlov, A.I. *see* Kabanov, G.L. 8-87116
- Pavlov, A.I. *see* Syrovat-skii, E.F. 8-60597
- Pavlov, A.M., Vedrinskii, R.V., Krivitskii, V.V. Application of the Green-function method to calculating the characteristics of atoms with two internal vacancies. II 8-50451
- Pavlov, A.N., Vedrinskii, R.V., Krivitskii, V.V. Application of the Green-function method to calculating the characteristics of atoms with two internal vacancies. I 8-50450
- Pavlov, B.M. *see* Tonkonog, V.G. 8-55681
- Pavlov, G.G., Panov, A.N., Yakovlev, D.G. Photon absorption in Coulomb collisions in a degenerate plasma located in a quantizing magnetic field 8-55715
- Pavlov, G.G. *see* Gnedin, Yu.N. 8-93476
- Pavlov, G.M. *see* Basargin, Yu.G. 8-66439
- Pavlov, K.B. *see* Golaido, S.I. 8-59259
- Pavlov, L.L. Powerful superluminescent source of optical noise 8-79033
- Pavlov, N.N. Photoelectric method of recording star passage moments 8-73652
- Pavlov, P.V. *see* Karmanov, V.T. 8-55988, 8-95192
- Pavlov, S.P. *see* Evdokimova, V.V. 8-49858
- Pavlov, S.P. *see* Gubenkov, A.N. 8-90621
- Pavlov, S.T. *see* Giner, K.T. 8-76005
- Pavlov, S.T. *see* Golt'sev, A.V. 8-80343
- Pavlov, S.T. *see* Ivchenko, E.L. 8-60452
- Pavlov, V.A. Influence of screw dislocations on mechanical properties of metals with a BCC lattice 8-60704
- Pavlov, V.A., Vorontsov-Vel'yaminov, P.N. Microdrop-gas phase equilibrium in a small system. Molecular-dynamic investigation 8-95146
- Pavlov, V.A. *see* Alyab'ev, V.M. 8-56731
- Pavlov, V.A. *see* Belousov, P.Ya. 8-81954
- Pavlov, V.A. *see* Buyal'skii, P.Ya. 8-57367
- Pavlov, V.I., Solodov, I.Yu. Nonlinear properties of elastic surface waves in solids 8-67897
- Pavlov, V.I. *see* Goncharov, V.P. 8-63510
- Pavlov, V.I. *see* Vasil'ev, S.A. 8-86642
- Pavlov, V.M., Shkutin, L.I. Maximum stability formulas for reinforced cylindrical shells under external pressure 8-94597
- Pavlov, V.S. *see* Karpenko, G.V. 8-92296
- Pavlov, V.S. *see* Korolev, A.I. 8-84756
- Pavlov, V.S. *see* Rudenko, V.P. 8-56810
- Pavlov, Yu.M. *see* Grigoriev, V.A. 8-90662
- Pavlov, Yu.N., Petruk, V.N. Spatial oscillations of a gravitationally oriented elastic satellite. II. An investigation of nonlinear resonances 8-69644
- Pavlova, J.N. *see* Kozhukharov, V.S. 8-52779
- Pavlova, L.N. Measurement of the coefficients of the directional scattering in droplet and crystal clouds 8-96292
- Pavlova, N.P. *see* Boos, E.G. 8-62530
- Pavlova, V.M., Khokhlova, V.L., Aslanov, I.A. A spectroscopic study of the silicon Ap star HD 34452 8-65634
- Pavlova, V.N. *see* Minakov, A.G. 8-52748
- Pavlovich, V.N., Rudko, V.N. Nonadiabatic quantum theory of interstitial diffusion in crystals 8-79818
- Pavlovich, V.V., Epshtein, E.M. Quantum theory of electromagnetic wave absorption by free carriers in a semiconductor with a superlattice 8-60148
- Pavlovskaya, V.V. *see* Aleksandrov, Yu.A. 8-86527, 8-89852
- Pavlovskii, A.I. *see* Tatsenko, O.M. 8-92054
- Pavlovskii, M.A., Ryzhkov, L.M., Maistruk, A.A. Choice of parameters of shock absorbers for gyroscope mounting 8-89473
- Pavlovskii, M.N. *see* Kuleshova, L.V. 8-95105
- Pavlushkin, N.M. *see* Khodakovskaya, R.Ya. 8-87626
- Pavlushkina, T.K. *see* Bogomolova, L.D. 8-72399
- Pavlyukevich, N.V. *see* Gorelik, G.E. 8-51198
- Pavlyukevich, N.V. *see* Leitsina, V.G. 8-51233
- Pavlyukevich, N.V. *see* Martynenko, O.G. 8-94523
- Pavlyukov, A.A. *see* Arbuzov, M.P. 8-60312, 8-60608, 8-68302

- Pavlyukov, L.S. *see* Nikolaev, I.N. 8-52383
- Pavnotescu, O. *see* Panoiu, N. 8-57362
- Pavsic, M. *see* Caldrola, P. 8-58162
- Pawar, S.H., Narlikar, A.V. Sensitization in CaS:Bi:Ti phosphors 8-60507
- Pawar, S.H. *see* Sabnis, S.G. 8-52196
- Pawelczyk, M. *see* Surowiak, Z. 8-91437
- Pawlat, T. *see* Haas, B. 8-54675
- Pawley, G.S. *see* Heilmann, I.U. 8-56472, 8-79691
- Pawley, G.S. *see* Mackenzie, G.A. 8-63743
- Pawley, G.S. *see* Windsor, C.G. 8-55923
- Pawley, J.B., Norton, J.T. A chamber attached to the SEM for fracturing and coating frozen biological samples 8-69260
- Pawlicki, A.J. *see* Kramer, S.L. 8-66158
- Pawlicki, A.J. *see* Wicklund, A.B. 8-58200
- Pawlicki, P. Heat magnetization in the singlet-triplet model 8-64211
- Pawlik, D. Thickness of GaAs and Ga_{1-x}Al_xAs-LPE layers grown by linear cooling 8-87892
- Pawlik, M. Some aspects of the theory of the propagation of nonlinear waves in unstable media 8-57796
- Pawlikowski, J.M. Application of epitaxial graded-gap semiconductor layers as broad range photodetectors 8-74060
- Pawlikowski, J.M., Mirowska, N., Krolicki, F. Photoconductivity and Dember effect in Zn₃P₂ 8-91721
- Pawlikowski, J.M., Misiewicz, J., Mirowska, N., Becla, P. Absorption edge of Zn₃P₂ at 5, 80, and 300K 8-80380
- Pawlikowski, J.M. *see* Becla, P. 8-60577
- Pawlikowski, J.M. *see* Popko, E. 8-51892
- Pawlikowski, M., Zgierski, M.Z. Resonance Raman scattering from triply degenerate singlet electronic states 8-78714
- Pawlikowski, M. *see* Zgierski, M.Z. 8-78676
- Pawlina, A. *see* Mauri, M. 8-69468
- Pawłowski, A. Discontinuous decomposition in aluminium-zinc and aluminium-silver alloys 8-52808
- Pawłowski, A. Nonhomogeneity of deformation of aluminium-zinc and aluminium-silver alloys 8-84888
- Pawłowski, A. Nonhomogeneity of deformation of copper-silver solid solutions 8-84889
- Pawłowski, A. *see* Ciach, R. 8-56641
- Pawluk, K., Szeicher, T. Biharmonic equation in quasi-stationary field problem 8-94356
- Paxton, A.H. *see* Milonni, P.W. 8-58988
- Payen de la Garanderie, H. *see* Lignou, F. 8-60506
- Payer, B., Jahn, J. New metallographic method for preparing ceramic specimens 8-56850
- Payne, B.R. *see* Yurtsever, Y. 8-92881
- Payne, B.T. *see* Baker, R.D. 8-70404, 8-89733
- Payne, B.T. *see* Gay, M. 8-70405
- Payne, B.W. *see* Ball, A. 8-72888
- Payne, D.G. *see* Eardley, D.M. 8-93296
- Payne, D.N. *see* Gambling, W.A. 8-63196
- Payne, D.R. *see* Cox, A. 8-64860
- Payne, G.L., Perez, J.D., Sharp, T.E., Watson, B.A. Recombination effects in an expanding laser-produced plasma 8-94935
- Payne, L.E., Philippin, G.A. Some applications of the maximum principle in the problem of torsional creep 8-71284
- Payne, M.G. *see* Chen, C.H. 8-66647, 8-94307
- Payne, M.G. *see* Garrett, W.R. 8-65087
- Payne, M.G. *see* Hurst, G.S. 8-82707, 8-90025
- Payne, M.G. *see* Nayfeh, M.H. 8-62858, 8-82668
- Payne, R., Bouthilliet, L.O. Effect of cladding modes on the far-field radiation pattern for a multimode step-index optical fiber 8-79101
- Payne, T.S. *see* Sharpe, W.N., Jr. 8-73967
- Payne, W.A. *see* Lee, J.H. 8-80734
- Payne, W.A. *see* Michael, J.V. 8-73024
- Payne, W.A., Jr. *see* Lee, J.H. 8-76828
- Payzant, J.D. *see* Hogg, A.M. 8-70213
- Pazdur, M.F., Walanus, A., Moscicki, W. A method of continuous examination of counting frequency during measurements of natural radiocarbon by a CO₂ filled proportional counter 8-58548
- Pazderskii, V.A., Chan Kuang A quantum system in a strong magnetic field 8-49696
- Pazera, A. *see* Montrimas, E. 8-91794
- Pazienza, J. *see* Sforza, P.M. 8-63433
- Pazma, V. Path integrals and the Klein-Gordon equation (II) 8-58144
- Pchelkin, N.R. *see* Benard, D.J. 8-58741, 8-76970
- Pchelkin, N.R. *see* McDermott, W.E. 8-55347
- Pcholkina, A.V. *see* Zhibankov, R.G. 8-62782
- Peach, G. Low-energy scattering of excited helium atoms by rare gases. I. The model potentials 8-66642
- Peach, R.C. *see* Murray, R.J. 8-87222
- Peacher, J.L. *see* Park, J.T. 8-66651, 8-82832
- Peachey, L.D., Eisenberg, B.R. Helicoids in the T system and striations of frog skeletal muscle fibers seen by high voltage electron microscopy 8-53356
- Peacock, G. Interfacing and control of portable data loggers 8-93662
- Peacock, J. *see* Bar-Avraham, E. 8-87489
- Peacock, J. *see* Fisher, A. 8-55379
- Peacock, J.H. *see* Bernhardt, T. 8-69474
- Peacock, J.L. *see* Eckert, J.A. 8-69523
- Peacock, N.J. Spectroscopy of high density plasmas 8-75429
- Peacock, N.J. *see* Mansfield, M.W.D. 8-50493
- Peacock, N.J. *see* Smith, C.C. 8-79462
- Peacock, R.D. The intensities of Laporte forbidden transitions of the d- and f-block transition metal ions 8-64378
- Peacock, R.D., Stewart, B. Hypersensitive intensity in the pseudo-octahedral lanthanide hexahalides 8-51946
- Peak, D., Corbett, J.W. The effect of spatial correlations on the steady state nucleation of voids 8-67705
- Peaple, L.H.J., White, D.R. The measurement of attenuation coefficients at low photon energies using fluorescent X-radiation 8-84680
- Pear, M.R., Weiner, J.H. A generalization of Kramers' rate formula to include some anharmonic effects 8-83992
- Pearce, C.G., Halsall, D. A quadrupole mass filter with flat electrodes 8-54492
- Pearce, C.J. Transformation methods in the analysis of series for critical properties 8-49771
- Pearce, C.W. *see* Rozgonyi, G.A. 8-64456
- Pearce, D.H. *see* Milhorn, H.T., Jr. 8-53441
- Pearce, D.L. *see* Fisher, S.A. 8-94120
- Pearce, G.F. *see* Barber, D.P. 8-78189
- Pearce, G.W. *see* Gose, W.A. 8-61760
- Pearce, J.H.B. Calculation of stress intensity factors using the UNCLE finite element system and their application in fracture mechanics 8-67098
- Pearce, P. *see* Bloess, D. 8-82552
- Pearce, P.A. *see* Griffiths, R.B. 8-93619
- Pearce, R.A.R. *see* Levin, I.W. 8-68494, 8-90165
- Pearce, S.J. *see* Beamson, G. 8-50666, 8-62950
- Pearce, W.A. *see* Holland, A.C. 8-81401
- Pearlman, J.S., Morse, R.L. Maximum expansion velocities of laser-produced plasmas 8-67385
- Pearlman, J.S., Thomson, J.J. Polarization-dependent energy transport in laser-produced plasmas 8-67380
- Pearlman, J.S. *see* Morse, R.L. 8-51326
- Pearlman, W.A. A visual system model and a new distortion measure in the context of image processing 8-65015
- Pearlstein, L.D., Freidberg, J.P. Finite Larmor radius equations in an arbitrary near-theta pinch geometry 8-71523
- Pearlstein, L.D. *see* Freidberg, J.P. 8-71522
- Pearlstein, S. *see* Burrows, T.W. 8-82407
- Pearsall, T.P., Bisaro, R., Ansel, R., Merenda, P. The growth of Ga_{0.9}In_{0.1}As on (100) InP by liquid-phase epitaxy 8-56591
- Pearsall, T.P., Hopson, R.W., Jr. Growth and characterization of lattice matched epitaxial films of Ga_{0.9}In_{0.1}As/InP by liquid phase epitaxy 8-72033
- Pearse, J. *see* Hu, C.C. 8-64127
- Pearse, J.S. *see* Cadle, R.D. 8-57186
- Pearse, V.B. *see* Cadle, R.D. 8-57186
- Pearson, A. Digital computer control on Canadian nuclear power plants—experience to date and the future outlook 8-58383
- Pearson, D.B. Singular continuous measures in scattering theory 8-57802
- Pearson, D.B. A generalization of the Birman trace theorem 8-57815
- Pearson, G.L. *see* Garner, C.M. 8-95349
- Pearson, G.L. *see* Houng, Y.M. 8-72245
- Pearson, J.M. *see* Cote, J. 8-86499
- Pearson, J.M. *see* Farine, M. 8-89808
- Pearson, J.R.A., Gutteridge, P.A. Stretching flows for thin film production. I. Bubble blowing in the solid phase 8-71303
- Pearson, J.R.A., Trottnow, R. On die swell: Some theoretical results 8-90939
- Pearson, J.S. *see* Moriyasu, K. 8-66165
- Pearson, K.V. Development of a nucleonic NDT instrument to measure the wear of cloth materials 8-53171
- Pearson, P. *see* Birss, R.R. 8-93742
- Pearson, R.A. A numerical model of a line thermal: the influence of initial conditions 8-92932
- Pearson, R.M. Dimensional stability of several hard contact lens materials 8-77150
- Pearson, S.A. *see* Hewlett, P.J. 8-61270
- Pease, D.M. *see* Szmulowicz, F. 8-68579
- Pease, P.L. On color Mach bands 8-69096
- Peat, I.R., Slomp, G. Technique for retrieving lost data from mass storage device 8-77954
- Peat, K.S. Internal and inertial waves in a viscous rotating stratified fluid 8-67245
- Peatman, W.B., Gotchev, B., Gurtler, P., Koch, E.E., Saile, V. Transition probabilities at threshold for the photoionization of molecular nitrogen 8-94294
- Pebay-Peyroula, J.C. *see* Chenevier, M. 8-50624
- Pehler, J., Reinen, D., Schmidt, K., Steffens, F. An investigation of the phase transition in Fe₂ZrF₆ using Mossbauer spectroscopy 8-68430
- Peccei, R.D. Resolution of ambiguities of non-Abelian gauge field theories in the Coulomb gauge 8-54546
- Peccerillo, A. *see* Bencini, A. 8-85555
- Peccia, A. *see* Gaskell, R. 8-49633
- Pecelli, G., Thomas, E.S. Stability and instability of certain normal modes 8-89330
- Pech, R. *see* Bosetti, P.C. 8-70357
- Pechacek, R.E. *see* Greig, J.R. 8-71568
- Pechars'kii, K.K. Correlation function of statistical functional of the system of interacting particles 8-54285
- Pecharskii, V.K., Bodak, O.I., Gladyshevskii, E.I. Crystal structure of NdRe₄Si₂ 8-95037
- Pechenegov, Yu.Ya., Serov, Yu.I. Minimization of the dimensions of heat tubes for cooling electronic components 8-59271
- Pechenov, A.N. *see* Kozlovskii, V.I. 8-59028
- Pechenyi, B.G., Akhmetova, L.A. Universal volumetric dilatometer 8-57939
- Pecherskiy, D.M. *see* Lykov, A.V. 8-73360
- Pecheva, M. *see* Peshev, P. 8-80741
- Pechkovskii, E.P. *see* Trefilov, V.I. 8-68788
- Pechneva, O.P. *see* Buzhinskii, I.M. 8-87113
- Pechukas, P. *see* Pollak, E. 8-85123, 8-88630
- Peck, C. *see* Chadwick, G.B. 8-66175
- Peck, E. *see* Szydłowski, F.J. 8-76940
- Peck, E.R. Cart wheels 8-61977
- Peck, R.E. *see* Lienhard, J.H. 8-63849
- Peck, W.F., Jr., Nakahara, S. Preparation and electropolishing of thin gold disc specimens for transmission-electron-microscope examinations 8-88601
- Peck-Sun Lin *see* Roath, S. 8-53599
- Pecker, A. *see* Delbecq, J.M. 8-63334
- Peckerar, M.C. *see* Birks, L.S. 8-68971
- Peckham, G.E. Remote sensing 8-93015
- Peckham, G.E. *see* Chowdhury, M.R. 8-56435
- Pecora, L.M., Ficalora, P.J. Some bulk and thin film properties of ZrPt₃ and HfPt₃ 8-72285
- Pecqueur, M., Barre, B. Factors which could limit the nuclear fuel cycle development 8-66430
- Pecseli, H.L. *see* Michelsen, P. 8-75310
- Pecseli, H.L. *see* Mikkelsen, T. 8-94915
- Peczeli, I. *see* Kovacs, I. 8-86913
- Pedash, V.F. *see* Luzanov, A.V. 8-50482
- Pedder, D.J. The thermal stability of cadmium oxide in internally oxidized silver-cadmium alloys 8-76789
- Peddicord, K.L. *see* McNair, G.W. 8-82419
- Peden, M.E. Flameless atomic absorption determinations of cadmium, lead, and manganese in particle size fractionated aerosols 8-69434
- Pedersen, A. *see* Mozer, F.S. 8-85808
- Pedersen, A. *see* Reeve, C. 8-96337
- Pedersen, A. *see* Vibholm, S. 8-67578
- Pedersen, E. Horsdal *see* Horsdal Pedersen, E.
- Pedersen, E.J., Vold, R.R., Vold, R.L. Nuclear relaxation and molecular reorientation of liquid diazabenzenes 8-60351
- Pedersen, H. The helium variability of CU Vir 8-77555
- Pedersen, L.G. *see* Adamson, M.E. 8-66706
- Pedersen, S. *see* Hassager, O. 8-90809
- Pedersen, T., Osnes, E. Decoupled bands and antiangled states: An illustrative example 8-78236
- Pederson, R.J., Sparrow, E.M. Heat transfer from a cylinder in crossflow situated in a turbulent pipe flow 8-90874
- Pedinoff, M.E., Braunstein, M., Stafsudd, O.M. Modulated light ellipsometry at 10.6 μm 8-54442
- Pedisius, A. *see* Slanciukas, A. 8-94714
- Pedley, T.A. *see* Coll, B.M. 8-69246
- Pedlosky, J. A model of wave amplitude vacillation 8-69407
- Pedlosky, J. An inertial model of steady coastal upwelling 8-92824
- Pedlosky, J. A nonlinear model of the onset of upwelling 8-92825
- Pedram, R., Ross, T.K. The protection of mild steel by zinc-rich paint in flowing aerated 0.5 M NaCl solution. III. The effect of zinc content 8-95842
- Pedraza, A.J. *see* Fainstein-Pedraza, D. 8-51595
- Pedraza, A.J. *see* Lacia, C.E. 8-71726
- Pedrazzini, G.J., Christiansen, P.G., Ross, J.E., Gardiner, R.B., Liu, C.H. Angular variation in the orientation of He atoms and Ar⁺ ions produced in a beam-tilted-foil experiment 8-86944
- Pedretti, E. *see* Antonini, D. 8-58283
- Pedrini, C. Cu⁺ luminescent centre in LiCl single crystals 8-64411

- Pedroni, E.**, Gabathuler, K., Domingo, J.J., Hirt, W., Schwallier, P., Arvieux, J., Ingram, C.H.Q., Gretillat, P., Piffaretti, J., Tanner, N.W., Wilkin, C. A study of charge independence and symmetry from π^+ and π^- total cross sections on hydrogen and deuterium near the 3, 3 resonance 8-66321
- Pedrotti, L.R.** The Tokamak Fusion Test Reactor neutral beam injection system vacuum chamber 8-55021
- Pedrotti, L.R.** see Pittenger, L.C. 8-54971
- Pedrys, R.** see Brozdowska-Warczak, B. 8-72612
- Pedulli, G.F.**, Zannoni, C. TCNE $^-$: An anionic spin probe for the study of polar anisotropic systems 8-75548
- Peebles, D.L.** see Fincher, C.R., Jr. 8-92137
- Peebles, P.J.E.** Stability of a hierarchical clustering pattern in the distribution of galaxies 8-86026
- Peebles, P.J.E.** The distance and redshift of the Virgo cluster and Hubble's constant 8-89265
- Peebles, P.J.E.** see Soneira, R.M. 8-81718
- Peehs, M.** see Garzarolli, F. 8-58351
- Peel, J.B.** see Gan, T.H. 8-50574
- Peeler, J.R.** see Batchman, T.E. 8-55474
- Peelle, R.W.** see Weisbin, C.R. 8-50239
- Peemoeller, H.** see Rustgi, S.N. 8-68983
- Peebles, W.J.**, Sill, W.R., May, T.W., Ward, S.H., Phillips, R.J., Jordan, R.L., Abbott, E.A., Killpack, T.J. Orbital radar evidence for lunar subsurface layering in Maria Serenitatis and Crisium 8-85868
- Peercy, P.S.** see Langley, R.A. 8-95094
- Peffen, R.** see Marcon, G. 8-91905, 8-92237
- Pegg, D.J.**, Griffin, P.M., Alton, G.D., Elston, S.B., Forester, J.P., Suter, M., Thoe, R.S., Vane, C.R., Johnson, B.M. Radiative lifetimes and oscillator strengths for allowed transitions in Li-like and Be-like Si 8-78797
- Pegg, D.J.** see Bashkin, S. 8-78655
- Pegg, D.J.** see Dietrich, D.D. 8-82685
- Pegg, D.T.** see MacGillivray, W.R. 8-66507
- Peggs, G.N.** see Shawyer, R.E. 8-92166
- Pegushin, E.V.** see Gol'dshtein, V.A. 8-54748
- Pegushin, E.V.** see Kuplenikov, E.L. 8-86528
- Pegushina, G.A.** see Romanova, R.R. 8-76647
- Pehlke, R.D.** see Radzowski, R.H. 8-51686
- Pei Chi Chou, Croman, R.** Residual strength in fatigue based on the strength-life equal rank assumption 8-67094
- Pei Jing-xian** see Li Ji-liang 8-57226
- Pei-Jan Paul Lin, Kriz, R.** Variation of X-ray tube potential as a function of attenuator thickness in kVp variable automatic brightness stabilization fluoroscopy 8-69202
- Pei-Shan Chen** see Chen Pei-Shan
- Pei-Zi Li** see Li Pei-Zi
- Peier, W.** see Ponter, A.B. 8-87249
- Peierls, R.** A perspective of physics, vol. I 8-54105
- Peierls, R.** see Goldstein, F.S. 8-55927
- Peigneux, J.P.** see Binon, F. 8-82582
- Peigneux, J.-P.** see Binon, F. 8-54804
- Peijl, G.J.Q.** Van Der see Van Der Peijl, G.J.Q.
- Peimbert, M.** see Torres-Peimbert, S. 8-81677
- Peirce, J.W.**, Clark, M.J. Evidence from Iceland on geomagnetic reversal during the Wisconsin Ice Age 8-61327
- Peiris, M.G.C.** see Tennakone, K. 8-54124
- Peirson, D.H.** see Cambray, R.S. 8-82535
- Peitrass, B.** see Ulrich, H.-J. 8-95153
- Peixoto, L.T.**, Foglio, M.E. Theory of the spin Hamiltonian of ClO_2 in single crystals of silver chlorate 8-60326
- Pejsa, R.** see Kleykamp, H. 8-78466
- Peka, G.P.**, Brodovoi, V.A., Smolyar, A.N. Phototrigger effect in symmetric GaAs:Cu structures 8-56238
- Peka, G.P.** see Kovalenko, V.F. 8-72596, 8-76526
- Pekalski, A.** Some critical properties of a three-dimensional system of randomly mixed Heisenberg and Ising bonds 8-76249
- Pekalski, A.** see Ausloos, M. 8-84440
- Pekar, G.S.** see Bobyl, A.V. 8-76110, 8-84259
- Pekar, G.S.** see Korneichuk, V.A. 8-52033
- Pekar, S.I.** Auxiliary boundary conditions in the theory of additional light waves and excitons in bounded crystals 8-56080
- Pekar, S.I.** see Vikhnina, G.V. 8-71141
- Pekarek, L.**, Beranek, J., Krasa, J. Creation of discontinuities in a frequency-modulated ionisation wave 8-79426
- Pekarek, L.** see Chvojka, M. 8-67521
- Pekarek, L.** see Krasa, J. 8-67518
- Peker, L.K.**, Hamilton, J.H., Rasmussen, J.O. Possible manifestations of oblate shapes at high spin in the yrast region of $A=160-180$ nuclei 8-78249
- Peker, L.K.** see Bron, J. 8-54719
- Pekerman, F.M.** see Kudryavtseva, M.V. 8-72992
- Pekhk, M.** see Luud, L. 8-69813
- Pelant, I.**, Sladky, P. Renaissance of the photoacoustic effect 8-77994
- Pelant, I.** see Fiala, J. 8-76417
- Pelc, N.J.** see Riederer, S.J. 8-53492
- Pelc, S.F.** see Dorey, A.P. 8-92748
- Pelczynski, A.** see Figiel, T. 8-89299
- Peled, A.** see Perakh, M. 8-75962, 8-75963, 8-75964
- Peleg, E.** see Nardi, E. 8-58404, 8-83588
- Peleg, M.** An empirical method for estimation of the yield stress from relaxation data 8-64594
- Pelekh, B.L.**, Laz'ko, V.A., Polevoi, B.N. Strength of a transversely isotropic plate with an elliptical notch in a steady temperature field 8-63330
- Pelekh, B.L.**, Sukhorol'skii, M.A. On a new approach to constructing theory of shells with regard for boundary conditions on surfaces 8-89342
- Pelekh, B.L.**, Vasil'chenko, I.P., Malezhik, M.P. Some theoretical-experimental methods of determining the stress-strain state in structural elements made of anisotropic reinforced plastics. I. Theoretical principles of the experimental method for studying the state of stress in anisotropic bodies within the invisible range of the electromagnetic wave spectrum 8-68745
- Pelekh, B.L.**, Vasil'chenko, I.P., Malezhik, M.P. Some theoretical-experimental methods of determining the stress-strain state of structural elements made of anisotropic reinforced plastics. II. Technical implementation of the electromagnetic method 8-68857
- Pelekhayti, V.M.** see Zolotov, E.M. 8-59146
- Pelep'yagina, L.E.** see Aleshin, V.I. 8-78567
- Peletninskii, S.V.** see Kovalevskii, M.Yu. 8-77826
- Peletskii, V.E.** Correlation of temperature properties of electronic specific heat and heat conduction of transition metals at high temperatures 8-71865
- Peletskii, V.E.**, Amasovich, E.S., Kostanovskii, A.V., Zaretskii, E.B., Sobol', Ya.G., Shur, B.A. Thermal conductivity of vanadium 8-95282
- Pelevin, O.V.** see Kosogov, O.V. 8-56225
- Pelieva, L.A.** see L'vov, B.V. 8-74078
- Pelikan, P.** see Boca, R. 8-94198
- Pelikhov, N.V.** see Krymsky, A.M. 8-77629
- Pelipas, V.P.** see Ivanutyn, L.A. 8-91796
- Pelipenko, V.I.** see Belovolov, M.I. 8-71224
- Peliti, L.** see De Dominicis, C. 8-87767
- Pelizzari, C.A.** see Skold, K. 8-79836
- Peljo, E.** see Merisalo, M. 8-75755
- Pelka, D.G.**, Park, R.T., Singh, R. Energy from the wind 8-61973
- Pella, P.A.**, Lorber, K., Heinrich, K.F.J. Quantitative multi-element analysis of environmental samples by X-ray fluorescence spectrometry 8-69513
- Pellach, E.**, Sar-el, H.Z. Vacuum UV spectrum of helium lamp with tubings of different diameters 8-94419
- Pellas, J.**, Baudin, G., Robert, M. Fatigue crack growth model prediction with two coupled differential equations 8-67103
- Pellas, J.** see Labourdet, R. 8-79266
- Pellat, R.** see Asseo, E. 8-61877
- Pellat, R.** see Bussac, M.N. 8-95989
- Pellat, R.** see Roux, A. 8-77421
- Pellat, R.** see Solomon, J. 8-61679
- Pellat, R.** see Virmont, J. 8-59636
- Pelle, F.**, Denis, J.P., Blanzat, B., Jacquier, B. Optical properties of $\text{Cs}_2\text{NaBiCl}_6$ 8-68549
- Pellegrin, V.** see Tabacik, V. 8-58056
- Pellegrini, F.**, Calvelli, G., Guazzoni, P., Micheletti, S. $^{30}\text{Si}(p,\alpha)^{27}\text{Al}$ reaction at 40.75 MeV 8-94009
- Pellegrini, F.** see Calvelli, G. 8-74380
- Pellegrini, G.**, Gabetta, G., Piatti, G. Growth and crystallography of the unidirectionally solidified Al-Al $_3$ Ca eutectic 8-72771
- Pellegrino, A.J.** see Shapiro, J.S. 8-77896
- Pellerin, F.** see Maubourguet-Pellerin, M.-M. 8-59386
- Pellet, A.** see Simien, F. 8-65690
- Pelletier, E.**, Lebel, J. Determination of inorganic boron in the St. Lawrence Estuary 8-77274
- Pelletier, E.** see Borgogno, J.P. 8-90509
- Pelletier, E.** see Bousquet, P. 8-74998
- Pelletier, E.** see Vidal, B. 8-55476
- Pelletier, J.**, Pomot, C. Surface ionization: halogens on LaB $_6$ 8-60538
- Pelletier, J.**, Pomot, C. Intense halogen negative ion source 8-66001
- Pelletier, J.M.**, Merlin, J., Borrelly, R. Study of the evolution of solid solutions of Al-Zn by thermo-EMF measurements 8-52862
- Pelletier, J.M.** see Merlin, J. 8-76693
- Pelletti, D.** see Moriyasu, K. 8-66165
- Pellicore, S.F.** see Russell, E.E. 8-57429
- Pellinen, R.J.**, Heikkila, W.J. Energization of charged particles to high energies by an induced substorm electric field within the magnetotail 8-77425
- Pellinets, V.S.** see Marchenko, M.K. 8-73958
- Pellionisz, S.** see Baranyi, A. 8-57072
- Pellizzari, E.D.** see Bursey, J.T. 8-80799
- Pellois, A.** see Planiol, T. 8-61243
- Pells, P.J.N.** Measurement of engineering properties of Hawkesbury sandstone [Sydney Basin] 8-65263
- Pelmore, J.M.** The ultrasonic properties of some filled epoxy materials 8-59867
- Pelosi, P.M.**, Vandenbulcke, P., Wilkinson, C.D.W., DeLaRue, R.M. Propagation characteristics of trapezoidal cross-section ridge optical waveguides: an experimental and theoretical investigation 8-55436
- Pelosi, V.**, Cirelli, R., Marioni, C. Search for a pion-nucleon potential with the Newton-Sabatier method 8-89731
- Pelosini, L.** see Franzosi, A. 8-64453
- Pelte, D.** see Bokemeyer, H. 8-54793
- Pelte, D.** see Olmi, A. 8-82375
- Pelte, D.** see Stokstad, R.G. 8-78407
- Peltier, L.C.** Proposed curricula in environmental sciences 8-77644
- Peltier, W.R.**, Halle, J., Clark, T.L. The evolution of finite amplitude Kelvin-Helmholtz billows 8-81293
- Peltier, W.R.** see Davis, P.A. 8-69406
- Peltier, W.R.** see Ley, B.E. 8-77300
- Peltner, H.E.**, Herzog, C. New application of the Knudsen method for a direct determination of thermodynamic activities 8-79783
- Peltner, H.E.** see Herzog, Ch. 8-71881
- Pelton, A.D.** see Rivier, M. 8-84745
- Pelton, W.**, Hallof, P.G. New techniques in interpretation of IP, resistivity and magnetic data 8-85708
- Pelyashek, E.**, Plukarov, Yu.M., Semenova, Z.V., Janko, A. Effect of hydrogenation on the fine structure of polycrystalline nickel 8-59950
- Pelzi, J.** see Cancelli, L.S.G. 8-59932
- Pelzi, J.** see Florian, R. 8-75810
- Pelzi, J.** see Vargas, H. 8-91981
- Pena, J.L.**, Sanchez Sinicio, F., Helman, J.S., Abraham, S., Kaldis, E. Electrical switching in metal-Eu contacts 8-68085
- Pena, R.G.** de see de Pena, R.G.
- Pena, R.G.** de see De Pena, R.G.
- Penaro, K.W.** see Barrett, P. 8-92542
- Pencev, I.P.** see Assenov, A. 8-83444
- Pencev, P.R.** Conclusions, drawn from Newton's mechanics modified by the experiment of Kaufmann 8-54283
- Penchina, C.M.** Pseudowork-energy principle 8-49602
- Penchina, C.M.** see Lightowers, E.C. 8-56524
- Penchina, C.M.** see Oren, M. 8-76487
- Penco, E.**, Perito, U., Tomassini, M., Tranquilli, A. Laser sources using neodymium 8-50784
- Penco, E.** see Marchetti, R. 8-55360
- Penczek, S.**, Slazak, R., Duda, A. Anionic copolymerisation of elemental sulphur 8-64836
- Pendelbury, J.M.** see Ageron, P. 8-70678
- Pendergast, P.**, Hayes, E.F. All-electron nonempirical study of the ground state of MgF_2 8-66469
- Pendergast, P.** see Matcha, R.L. 8-92467
- Pendergrass, J.H.** Tritium processing systems for inertial confinement fusion facilities 8-50338
- Pendergrass, J.H.** see Bohachevsky, I.O. 8-50331
- Pendergrass, J.H.** see Booth, L.A. 8-50335
- Pendergrass, J.H.** see Devaney, J.J. 8-50337
- Pendleton, W.R., Jr.** see Baker, D.J. 8-81485
- Pendry, J.B.** Advances in LEED theory 8-83688
- Pendry, J.B.** Electron emission from solids 8-95666
- Pendry, J.B.**, Hopkinson, J.F.L. Photoemission from transition metal surfaces 8-52619
- Pendry, J.B.**, Hopkinson, J.F.L. Photoemission from transition metal surfaces 8-95679
- Pendry, J.B.** see Echenique, P.M. 8-56198
- Pendry, J.B.** see Feder, R. 8-76564
- Pendry, J.B.** see Kinniburgh, C.G. 8-71647
- Pendry, J.B.** see Moore, I.D. 8-79912
- Pendry, J.B.** see Dobson, P.J. (editor) 8-83657
- Pene, O.** see Le Yaouanc, A. 8-70342
- Penko, V.V.** see Yordanov, D.L. 8-88882
- Penev, I.** see Adam, I. 8-78261
- Peneva, I.Kh.**, Chak'rov, E.I. Interaction of electron beams with bounded magnetoactive plasma 8-59624
- Penfold, J.** see Carlile, C.J. 8-82564
- Penfold, J.** see Hayter, J.B. 8-54501
- Penfold, J.E.** see Kilkeny, D. 8-53987
- Penfold, J.E.** see Martin, W.L. 8-77603
- Penfold, R.A.** Digital reaction timer 8-53600
- Peng, J.** see Gat, A. 8-91345
- Peng, J.** see Magee, T.J. 8-79901, 8-95369
- Peng, J.C.**, Song, H.S., Wang, F.C., Maher, J.V. Inadequacy of the coupled-channels Born approximation for explaining anomalous rare-earth (d,t) transitions 8-70543
- Peng, S.T.**, Oliner, A.A. Leakage and resonance effects on strip waveguides for integrated optics 8-66953
- Peng, S.T.** see Hessel, A. 8-62993
- Peng, S.T.** see Oliner, A.A. 8-94425

- Peng, T.-H.**, Broecker, W.S. Effect of sediment mixing on the rate of calcite dissolution by fossil fuel CO₂ 8-81212
- Peng, W.H.**, Celnik, J. Skyshine analysis for the intense 14 MeV neutron source facility 8-66429
- Peng, Y.-K.M.**, Attenberger, S.E., Callen, J.D., Holmes, J.A., Houlberg, W.A., Marcus, F.B., McNally, J.R., Jr., Mense, A.T., Rome, J.A., Uckan, N.A. Plasma engineering considerations for a medium-field ignition test reactor 8-58419
- Peng, Y.-K.M.**, Attenberger, S.E., Houlberg, W.A., Mense, A.T., Rome, J.A., Uckan, N.A. Plasma engineering innovations for the ORNL TNS reactor 8-66422
- Peng, Y.-K.M.**, Borowski, S.K., Kammash, T. Microwave start-up of Tokamak plasmas near electron cyclotron and upper hybrid resonances 8-94137
- Peng, Y.-K.M.**, Dory, R.A., Nelson, D.B., Sayer, R.O. Magnetohydrodynamic equilibria and local stability of axisymmetric Tokamak plasma 8-51333
- Peng, Y.-K.M.**, Strickler, D.J. Equilibrium field coils and free-boundary equilibrium considerations for TNS 8-58420
- Peng, Y.-K.M.**, Strickler, D.J., Dory, R.A. Hybrid equilibrium field coils for the ORNL TNS 8-54895
- Peng, Y.-K.M.** see Bettis, E.S. 8-54897
- Peng, Y.-K.M.** see Rome, J.A. 8-58464
- Peng Chia Kwei** see Wu Yang Shi 8-78099
- Peng Chieh Yuan** see Chieh Yuan Peng
- Peng Rui-Ping** see Yao Yu-Shu 8-52825
- Peng-Hsiang Chang** see Chang Peng-Hsiang
- Pengelly, L.D.** see Gschwandtner, G. 8-92892
- Pengra, J.G.**, Genz, H., Fink, R.W. Orbital electron capture ratios in the decay of ²⁰⁵Pb 8-74340
- Penin, A.N.** see Aktsipetrov, O.A. 8-87923
- Penin, N.A.** see Boltaev, A.P. 8-72161
- Peninou, J.J.** see Fevrier, A. 8-62637
- Penionzhkevich, Yu.E.** see Oganessian, Yu.Ts. 8-78404
- Penkalla, H.J.** see Gyarmati, E. 8-56595
- Penkin, N.P.** see Ionikh, Yu.Z. 8-83520
- Penkin, N.P.** see Krjukov, N.A. 8-63618
- Pen'kov, I.N.** see Abdullin, R.S. 8-60354
- Pen'kov, V.I.** Compensation for the eccentricity oscillations of a satellite with a gravitational stabilization system 8-69643
- Penman, J.** see Hammond, P. 8-78859
- Penn, R.E.** Microwave spectrum of 2-propene-1-imine, CH₂=CHCH=NH 8-58670
- Penn, R.E.**, Olsen, R.J. Microwave spectrum and hydrogen bonding in 1-aziridineethanol 8-70820
- Pennell, W.T.** see Wyngaard, J.C. 8-73430
- Penner, A.P.**, Forst, W. Relaxation times in a system with exponential transition probabilities 8-64810
- Penner, A.P.** see Henneker, W.H. 8-94234, 8-94249
- Penner, S.** see Szalata, Z.M. 8-50144
- Penney, B.C.** see Peura, R.A. 8-61238
- Penney, B.K.** Track rescue of bubble chamber film measurements 8-70728
- Penney, C.M.** Analytical techniques using tunable lasers 8-61134
- Penney, G.W.** see Geary, J.M. 8-67459
- Penning, P.** see Fastenau, R.H.J. 8-71754
- Pennings, A.J.** Bundle-like nucleation and longitudinal growth of fibrillar polymer crystals from flowing solutions 8-51433
- Pennington, M.R.** Narrow states in pp: duality expects them, experiment produces them, but are they the same? 8-62378
- Pennington, M.R.** see Holmgren, S.-O. 8-82147
- Pennisi, A.** see Burratato, G. 8-50546, 8-60250, 8-76171
- Pennisi, A.R.** see Faraci, G. 8-49995
- Penrose, J.D.** see Booth, C. 8-61980
- Penrose, O.** see Kalos, M. 8-54326
- Penrose, R.**, Sheung Tsun, T., Sparling, G.A.J. Extended Regge trajectories 8-82176
- Penrose, R.** see Hansen, R.O. 8-89376
- Penso, G.** see Baldini-Celio, R. 8-89724
- Penson, K.A.**, Holz, A. Theory of spin-Peierls transition in Heisenberg and Hubbard models 8-68242
- Penson, K.A.** see Holz, A. 8-51893
- Penston, M.** see Boksenberg, A. 8-96540
- Penston, M.V.**, Fosbury, R.A.E. Spectrophotometry of three radio galaxies 8-54066
- Penston, M.V.** see Boggess, A. 8-96383
- Penston, M.V.** see Macchetto, F. 8-89060
- Penston, M.V.** see Ward, M.J. 8-89273
- Pentin, Yu.A.** Torsional potential analysis from spectroscopical data 8-62787
- Pentlinghaus, H.** see Topel-Schadt, J. 8-83827
- Penwell, R.C.**, Prest, W.M., Jr. Orientation in poly(N-vinyl carbazole) by melt extrusion 8-67665
- Penzin, V.I.** see Ostras, V.N. 8-63446
- Penzina, E.E.** see Parfianovich, I.A. 8-92118
- Penzkofer, A.**, Falkenstein, W. Theoretical investigation of amplified spontaneous emission with picosecond light pulses in dye solutions 8-82965
- Penzkofer, A.** see Wiedmann, J. 8-59062
- Penzo, A.** see Fidicaro, G. 8-66157
- Pepe, F.** see Schiavello, M. 8-51826
- Pepelyaev, V.A.** see Budenkov, G.A. 8-72960
- Peperstraete, H.** see Delespaul, I. 8-69531
- Pepin, H.** see Mitchel, G. 8-82945
- Pepinov, R.I.**, Yusufova, V.D., Lobkova, N.V. An experimental investigation of the viscosity of aqueous solutions of NaCl at high temperatures and pressures 8-95175
- Peplowski, P.** see Dembinski, S.T. 8-94385
- Pepper, D.M.**, AuYeung, J., Fekete, D., Yariv, A. Spatial convolution and correlation of optical fields via degenerate four-wave mixing 8-71044
- Pepper, D.M.**, Fekete, D., Yariv, A. Observation of amplified phase-conjugate reflection and optical parametric oscillation by degenerate four-wave mixing in a transparent medium 8-74946
- Pepper, D.M.** see Margalit, S. 8-88026
- Pepper, D.M.** see Yariv, A. 8-63039
- Pepper, D.W.**, Long, P.E. A comparison of results using second-order moments with and without width correction to solve the advection equation 8-85655
- Pepper, D.W.** see Baker, A.J. 8-92880
- Pepper, M.** The metal-insulator transition in the impurity band of n-type GaAs induced by a magnetic field and loss of dimension 8-52042
- Pepper, M.** Some aspects of localization in two-dimensional systems 8-60213
- Pepper, M.L.** see Tolmach, A.P. 8-92756
- Pepper, R.L.**, Cole, R.E., Merritt, J.O., Smith, D.C. Operator performance using conventional or stereo video displays 8-85314
- Pepper, R.L.**, Cole, R.E., Smith, D.C. Operator performance using conventional or stereo video displays 8-80882
- Pepperstraete, H.** see Kretzschmar, J.G. 8-81462
- Peppiatt, N.A.** see Adams, R.D. 8-63397
- Pepy, G.** see Moussa, F. 8-88105
- Peradzynski, Z.** see Baranowski, A. 8-75397
- Perahia, D.**, Pullman, A. The molecular electrostatic potentials of the complementary base pairs of DNA 8-92597
- Perakh, M.**, Ginsburg, H. Deposition of thin films of HgS from colloidal solutions 8-92209
- Perakh, M.**, Peled, A. Photodeposition of amorphous selenium films by the 'Selor' process. II. Kinetics studies 8-75963
- Perakh, M.**, Peled, A. Photodeposition of amorphous selenium films by the 'Selor' process. III. Interpretation of the structural and kinetics studies 8-75964
- Perakh, M.**, Peled, A., Feit, Z. Photodeposition of amorphous selenium films by the 'Selor' process. I. Main features of the process, film structure 8-75962
- Peralta, L.**, Margot, E., Berthier, Y., Oudar, J. Influence of crystalline orientation on the work function of copper with and without adsorbed sulphur 8-76134
- P'eratsina, G.M.** see Apel', V.D. 8-78223
- Peraudeau, G.**, Ravez, J., Arend, H. Study of phase transitions in Rb₃KMO₃F₃, Cs₃KMO₃F₃ and Cs₃RbMO₃F₃ (M=Mo, W) 8-92036
- Peraudeau, G.**, Ravez, J., Hagenmuller, P., Arend, H. Study of phase transitions in A₃MO₃F₃ compounds (A=K, Rb, Cs; M=Mo, W) 8-92037
- Peraza, J.**, Tello, M.J., Bocanegra, E.H., Manas-Diaz, J. Characteristic behaviour of spontaneous polarization and dielectric constant of barium titanate containing cobalt ions 8-60382
- Perazzo, R.P.J.** see Dussel, G.G. 8-78332
- Percec, V.**, Ioanid, G., Dumitrescu, S., Simionescu, C. A study of the polymerisation of acetylene derivatives. Electrical properties of isomers of poly-aryl-acetylene 8-84221
- Perchard, C.** see Perchard, J.P. 8-64357
- Perchard, J.P.**, Perchard, C., Burneau, A., Limouzi, J. Raman spectroscopy of weak hydrogen bonds in the liquid phase 8-64357
- Perchiazzi, M.** see Anelli, E.F. 8-82585
- Percival, D.B.** Prediction error analysis of atomic frequency standards 8-57906
- Percival, D.B.** The US Naval Observatory clock time scale 8-89460
- Percival, I.C.** Theory of collisions with highly excited atoms 8-62909
- Percival, I.C.**, Richards, D. Cross-sections and rates for electron excitation of excited positively-charged hydrogen and hydrogenic ions 8-50649
- Percival, I.C.** see Leopold, J.G. 8-94217
- Percival, P.W.**, Roduner, E., Fischer, H. Radiolysis effects in muonion chemistry 8-88653
- Percival, P.W.** see Roduner, E. 8-74678
- Perdew, J.P.** see Monnier, R. 8-56204, 8-84282
- Perdijon, J.** Flaw detection in tubes by encircling sensors 8-60971
- Perdu, F.** see Carpentier, J.-L. 8-79990
- Perea, E.H.**, Fonstad, C.G., Quillec, M. Solid-liquid equilibria calculations for LPE of Al_{1-x}Ga_{1-y}In_xAs on InP 8-84083
- Peregud, B.P.** see Lev, M.L. 8-67279
- Peregudov, G.V.**, Ragozin, E.N. Photographs of a laser flame in the line emission of multiply charged ions in the far ultra-violet 8-75420
- Pereira, J.R.** see Martins, J.M.V. 8-84133
- Pereira, N.R.** Scaling invariance of helical curve motion and soliton equations 8-49667
- Pereira, N.R.** see Meiss, J.D. 8-59410
- Perekalina, T.M.** see Smirnovskaya, E.M. 8-60301
- Perekalina, Z.V.**, Klimova, A.Yu., Belyshev, L.M. Optical activity of KLiSO₄ with an admixture of chromium 8-95569
- Perekhod, A.V.** see Kostyk, R.I. 8-73689
- Perekhozhev, V.I.** see Golovachev, M.G. 8-88580
- Perekos, A.E.** see Kokorin, V.V. 8-60316
- Perel, J.** see Forrester, A.T. 8-65995
- Perel'man, N.F.** see Averbukh, I.Sh. 8-55162
- Perel'man, R.G.** see Alekseev, V.K. 8-84944
- Perel'man, V.E.** Analysis of the densification of powder materials subjected to uniform omnidirectional loading 8-68644
- Perelomov, A.M.** Some remarks on additional integrals of motion for some Hamiltonian systems invariant relatively to finite groups generated by reflections 8-49711
- Perelomov, A.M.** Generalized coherent states and some of their applications 8-62114
- Perelomov, A.M.** see Calogero, F. 8-49692
- Perel'shtein, E.A.** see Aleksandrov, V.S. 8-66436
- Perelygin, V.F.** see Asratyan, A.E. 8-62389
- Perelygin, V.P.**, Stetsenko, S.G., Bhandari, N. The origin of the tracks of fission fragments in whitlockite from the Bjurbolke meteorite 8-81595
- Perelygina, T.K.**, Tekucheva, I.A. Optical spectra of polymeric film electrets 8-88376
- Perepechko, I.I.**, Prokazov, A.V. Temperature dependence of the ultrasonic velocity in polycarbonate films 8-91575
- Perepechko, I.I.** see Golub', P.D. 8-95114
- Perepechko, I.I.** see Voloshinov, E.B. 8-51619
- Perepelitsa, B.V.** Statistical characteristics of temperature fluctuations in turbulent water flows 8-83369
- Perepelitsa, B.V.** see Kutateladze, S.S. 8-94712
- Perepelkin, K.E.** see Slutsker, L.I. 8-75570
- Perepelkin, K.E.** see Syutkin, V.M. 8-68748
- Perepetchko, I.I.**, Mar'yasin, B.Ya. Influence of ionizing radiation upon visco-elastic properties of polymethylmethacrylate and poly-4-methylpentene-1 8-88492
- Perepezko, J.H.** see Massalski, T.B. 8-56629
- Perepezko, J.H.** see Plichta, M.R. 8-84795
- Perera, J.S.H.Q.** see Banna, M.S. 8-74699
- Perera, R.C.C.** see Henke, B.L. 8-49944, 8-70848
- Perera, W.G.** Numerical solution to heat exchanger tube vibrations 8-75094
- Peres, A.** Unperformed experiments have no results 8-73866
- Peresch, E.Yu.** see Salo, L.A. 8-72527
- Peresypkin, V.V.** Consideration of the recoil effect under a light particle scattering by two heavy particles 8-82129
- Peresypkin, V.V.**, Fursa, A.D. Elastic diffractive scattering of protons by ²H and ³He nuclei 8-54763
- Peretti, P.**, Ranson, P. Analysis of singlet-triplet absorption profiles in carbonyl molecular crystals 8-60436
- Peretto, P.** see Teisseron, G. 8-60364
- Peretts, L.N.** see Nemchinskii, V.A. 8-67467
- Peretz, B.** see Shimahara, T. 8-56964
- Peretz, D.** Shear stress-strain characteristics of adhesive layers 8-60691
- Peravalov, S.P.** see Gurylev, V.K. 8-72523
- Perevoztchikov, V.M.** see Ajinenko, I.V. 8-58206
- Perevoztchikov, V.M.** see Granet, P. 8-93913
- Perez, J.** see Mai, C. 8-87677
- Perez, J.D.** see McNab, T.K. 8-87693
- Perez, J.D.** see Payne, G.L. 8-94935
- Perez, P.** see Clark, A.G. 8-89751, 8-89759
- Perez, R.B.**, de Saussure, G., Olsen, D.K., Difi-lippo, F.C. Perturbation formalism for the complex poles and widths of the transition matrix with an application to intermediate structure phenomena 8-66255
- Perez, S.M.** see Clement, C.F. 8-78240
- Perez Conde, M.C.** see Cruz Martinez, A. 8-61164
- Perez Y Jorba, M.** see Michel, D. 8-60567
- Perez-Falcon, A.J.** Human detection of the pitch of ripple noise 8-73166
- Perez-Falcon, T.** see Yost, W.A. 8-61199
- Perez-Mendez, V.** see Carroll, J. 8-89874
- Perez-Mendez, V.** see Lecomte, P. 8-74547
- Perez-Mendez, V.** see Macdonald, B. 8-85445
- Perez-Mendez, V.** see Nasser, M.A. 8-70532
- Perez-Mendez, V.** see Stetz, A. 8-74247

- Perez-y-Jorba, J. *see* Quenzer, A. 8-70370
 Perfil'ev, V.V. *see* Zatselin, N.A. 8-70162
 Perfilov, Y.D., Afanasov, M.I., Gunther, P.P., Babeshkin, A.M. Determination of the energy absorbed by the nearest environment of disintegrating ^{57}Co nuclei 8-80775
 Perfilov, N.A. *see* Bozhagov, B.A. 8-94041
 Perfilov, N.A. *see* Bogdanov, A.I. 8-94169
 Perfilov, N.A. *see* Shabratova, G.S. 8-82359
 Perga, V.M. *see* Burlii, P.V. 8-55483
 Pergament, V.I. *see* Bortnikov, A.V. 8-59643
 Pergola, F. *see* Guidelli, R. 8-53288
 Peri, D., Friesem, A.A. Image restoration using volume diffraction gratings 8-94378
 Peria, W.T. *see* Edwards, D. 8-92167
 Peric, M., Bunker, R.J., Peyerimhoff, S.D. Ab initio CI study of the coupling of small vibrations in the ground and $^1\text{Bg}(n,\pi^*)$ excited states of N_2H_2 8-62791
 Peric, M. *see* Shih, S.K. 8-50478
 Peridier, C.A. *see* Findlay, D.J.S. 8-50151
 Perillo, E. *see* Cuzzocrea, P. 8-62528
 Perin, J.P. *see* Bardet, R. 8-70634
 Perina, V. *see* Krasa, J. 8-67518, 8-67519, 8-71541
 Perina, V. *see* Rohlena, K. 8-67335, 8-75307
 Perini, L. *see* Forino, A. 8-78220
 Perinotto, M., Picchio, G. Non OTS models of dusty nebulae 8-85995
 Perinotto, M. *see* Aiello, S. 8-69854
 Perinotto, M. *see* Grewing, M. 8-96524
 Perisanu, St. *see* Vilcu, R. 8-81975
 Perito, U. *see* Marchetti, R. 8-55360
 Perito, U. *see* Penco, E. 8-50784
 Perk, J.H.H., Capel, H.W. Transverse correlations in the inhomogeneous one-dimensional XY-model at infinite temperature 8-65877
 Perk, J.H.H. *see* Capel, H.W. 8-70085
 Perkas, M.D. *see* Edneral, A.F. 8-68703
 Perkas, M.D. *see* Pestov, I.V. 8-88525
 Perkash, I. *see* Koogler, T.A. 8-57155
 Perkin, J.L. *see* Barry, J.F. 8-54500
 Perkins, D.H. *see* Bosetti, P.C. 8-70357
 Perkins, D.M. *see* Rogers, A.R. 8-65189
 Perkins, F.W., Roble, R.G. Ionospheric heating by radio waves: predictions for Arecibo and the satellite power station 8-77403
 Perkins, G.A. A spinor equation of the pure electromagnetic field 8-86429
 Perkins, G.G.A., Austin, E.R., Lampe, F.W. The 147-nm photolysis of hexafluoroacetone 8-68903
 Perkins, R.A. The diffusion of oxygen in oxygen stabilized α -zirconium and Zircaloy-4 8-51737
 Perkins, R.C., Jr. *see* Wilkerson, L.S. 8-96111
 Perkins, R.S. *see* Matthew, J.A.D. 8-80439
 Perkins, R.W. Gas analyzer accuracy aid from spiral tubing 8-49877
 Perko, L., Haas, J., Osten, D. Cooled and intensified array detectors for optical spectroscopy 8-65983
 Perkowski, M. *see* Krasinski, A. 8-61749
 Perle, E. *see* Rossetto, J.N. 8-90760
 Perl, M.L. A perspective on the conference 8-61963
 Perl, M.L. The tau heavy lepton—a recently discovered elementary particle 8-89694
 Perl, M.L., Kirk, W.T. Heavy leptons 8-58222
 Perl, M.L. *see* Feller, J.M. 8-66136
 Perl, M.L. *see* Heile, F.B. 8-74238
 Perl, M.L. *see* Jaros, J.A. 8-50042
 Perl, M.L. *see* Osborne, L.S. 8-66267
 Perl, M.L. *see* Scharre, D.L. 8-89723
 Perl, M.L. *see* Tanenbaum, W. 8-66113
 Perlado, J.M. *see* Jaarsma, R. 8-50236
 Perlatov, V.G. *see* Mel'kanovich, A.F. 8-72989
 Perlin, P.I. *see* Parton, V.Z. 8-51121
 Perlman, I. *see* Yellin, J. 8-70245
 Perlman, M.L. *see* Watson, R.E. 8-74960
 Perluzzo, G. *see* Jandl, S. 8-80004
 Permin, V. *see* Heitmann, D. 8-60530
 Perminov, A.N. *see* Batalov, V.S. 8-83388, 8-95868
 Perminov, E.B. *see* Balashov, A.A. 8-70204
 Perminov, G.V. *see* Kurin, V.V. 8-75356
 Permogorov, S.A. *see* Verbin, S.Yu. 8-71804
 Permyakov, A.S. *see* Degtyarev, I.S. 8-68643
 Permyakov, E.A. *see* Burshtein, E.A. 8-76986
 Permyakov, V.A. *see* Brodov, Yu.M. 8-51044
 Permyakova, L.A. *see* Golovin, B.M. 8-54586
 Pernecki, G. Program for automatic evaluation of single full energy peaks in gamma spectra 8-82571
 Perneg, J., Aebischer, B., Freudenreich, K., Frosch, R., Gentil, F.X., Muhlemann, P., Wetzel, W., Beusch, W., Chaloupka, V., Websdale, D., Astbury, P., Lee, G., Letheren, M., Bellini, G., Di Corato, M., Palombo, F., Rancoita, P.G., Vegni, G. Evidence for resonance behaviour of A_1 and A_2 mesons coherently produced on nuclei 8-50047
 Perner, B. *see* Kirejeva, S.I. 8-90419
 Perner, B. *see* Kvapil, J. 8-79022
 Pernestak, K. *see* Borghini, M. 8-68439
 Pernestak, K. *see* Lenzi, G. 8-55111
 Pernicka, F., Barta, K. Annealing of thermoluminescent LiF-dosimeters 8-82522
 Pernicka, M. *see* Fidecaro, G. 8-66157
 Perntice, I.D. *see* Caldwell, D.O. 8-54635
 Perol, N. *see* Papirer, E. 8-68919
 Perola, C.G. *see* Boksenberg, A. 8-96540
 Perola, G.C. *see* Gavazzi, G. 8-65687
 Perona, G.E. *see* Mazzetti, B. 8-85699
 Perone, S.P. *see* Gaarenstroom, P.D. 8-92527
 Perov, B.V. *see* Kuklin, E.A. 8-67664
 Perov, G.A. *see* Popov, L.E. 8-52909
 Perova, L.N. *see* Publik, V.T. 8-79609
 Perovic, B. *see* Terzic, I. 8-92163
 Perovic, N. *see* Novakovic, M. 8-89417
 Perra, M., Finnie, I. Void growth and localization of shear in plane strain tension 8-64613
 Perram, J.W., Smith, E.R. A new boundary condition for simulations of systems with charge-charge interactions 8-62144
 Perrault, S. *see* Chanteur, G. 8-61678
 Perreault, G.J. *see* Shapiro, S.L. 8-96012
 Perreault, P., Akasofu, S.-I. A study of geomagnetic storms 8-85771
 Perreault, P.D. *see* Pytte, T. 8-89006
 Perrenod, S.C. Correlation between supercluster membership and richness for Abell clusters 8-65704
 Perrenod, S.C. Gravitational instability in the early Universe: the growth of cluster-sized density perturbations 8-93487
 Perrenoud, A. *see* Alder, J.C. 8-62576
 Perret, R. *see* Anne, R. 8-70665
 Perret, R. *see* Couzi, M. 8-79723
 Perrier, A. *see* Salah Sifaoui, M. 8-59468
 Perrier-Dampierre, F. *see* Bensammar, S. 8-53731
 Perrin, B. *see* Fischer, M. 8-59851
 Perrin, C., Corfu, R., Egger, J.-P., Germond, J.-F., Girellat, P., Lunke, C., Piffaretti, J., Schwarz, E. Observation of the 15.1 MeV (1^+) state in carbon-12 by π^+ inelastic scattering near the πN (3,3) resonance 8-89792
 Perrin, C., Sergeant, M., Le Traon, F., Le Traon, A. New molybdenum thiochlorides. II. $\text{Mo}_6\text{Cl}_{10}\text{Y}$ (Y=S, Se, Te): Structure and electric and magnetic properties 8-67691
 Perrin, C. *see* Durand, J.L. 8-93997
 Perrin, C. *see* Lunke, C. 8-94035
 Perrin, D. *see* Corden, M.J. 8-62470
 Perrin, G. *see* Buener, M. 8-62564
 Perrin, G. *see* Duhamel, G. 8-93928
 Perrin, G. *see* Durand, J.L. 8-93997
 Perrin, J.M. *see* Cenamor, V. 8-96402
 Perrin, M. *see* Burdet, G. 8-49712, 8-77759
 Perrin, M.L. *see* Boulaud, D. 8-81392
 Perrin, N. Determination of the thermal boundary resistance in the transport approach 8-51815
 Perrin, N. Electron-phonon interaction and the thermal boundary resistance in metals 8-67899
 Perrin, P. *see* Asghar, M. 8-50218
 Perrin, P. *see* Guet, C. 8-74411
 Perrin, R. *see* Charney, T. 8-90612
 Perrin, R.C. *see* English, C.A. 8-83823
 Perrings, J.D. *see* Anderson, E.C. 8-53445
 Perrinjaquet, M., Aubert, J.-F., Svoboda, R., Ziffermayer, G. The radiation level in the turbine building during operation of a boiling water reactor 8-74461
 Perron, C., Domingo, V., Reinhard, R., Wenzel, K.-P. Rigidity-independent coronal propagation and escape of solar protons and α particles 8-77444
 Perron, G. *see* Roux, G. 8-83937
 Perron, J.C. *see* Barrie, R. 8-91371
 Perron, J.C. *see* Deprez, J. 8-51717
 Perron, R. *see* Lecoind, D. 8-51650
 Perrone, N. Finite element and finite difference methods in engineering 8-57765
 Perrot, A. *see* Appel, E. 8-58513
 Perrot, F. Phenomenological study of vacancies in aluminium within density-functional and second-order perturbation formalisms 8-67975
 Perrot, F. *see* Beysens, D. 8-56494
 Perrot, M., Devaure, J., Lascombe, J. An analysis of the wings of depolarized Rayleigh scattering. Application to liquid carbon dioxide spectra under pressures ranging from 100 to 3000 atmospheres 8-92084
 Perrot, M. *see* Konbaa 8-62808
 Perroti, A. *see* Hamilton, A. 8-53670
 Perrotti, C.M. On the indentation fracture of cemented carbide II. The nature of surface fracture toughness 8-60849
 Perrotti, D.R. *see* Bland, D.E. 8-61201
 Perroud, J.P. *see* Alder, J.C. 8-62576
 Perroud, J.P. *see* Preedom, B.M. 8-70571
 Perroud, M. A new formula for the spinor norm 8-62048
 Perry, A. *see* Brier, P.N. 8-71664
 Perry, A.E. *see* Smits, A.J. 8-94860
 Perry, A.J., Horvath, E. The formation of chromium carbide during chromizing 8-56818
 Perry, A.J. *see* Hintermann, H.E. 8-64743
 Perry, A.J. *see* Horvath, E. 8-92403
 Perry, B. *see* Steel, D. 8-59685
 Perry, C.C. Measuring plane shearing stress with wire strain gauges 8-89471
 Perry, C.H., Buhay, H., Quittet, A.M., Curran, R. Anharmonic effects in orthorhombic KNbO_3 8-79721
 Perry, C.H., Jahn, I.R., Wagner, V., Bauhofer, W., Genzel, L., Sokoloff, J.B. Phonon dispersion in NH_4Cl_2 , Br_2 mixed crystals 8-75760
 Perry, C.H. *see* Berger, M. 8-79733
 Perry, C.H. *see* Buhay, H. 8-72500, 8-79680
 Perry, C.L. *see* Philip, A.G.D. 8-96407
 Perry, D.L. *see* Broughton, J.Q. 8-63936
 Perry, E. *see* Knutson, D. 8-50350
 Perry, E.C., Jr., Ahmad, S.N., Swulius, T.M. The oxygen isotope composition of 3800 m.y. old metamorphosed chert and iron formation from Isukasia, west Greenland 8-81155
 Perry, E.P. *see* Watts, D.C. 8-52438
 Perry, F.C. *see* Mix, L.P. 8-58477
 Perry, J.J., Burbidge, E.M., Burbidge, G.R. Absorption in the spectra of quasi-stellar objects and BL Lacertae objects 8-86036
 Perry, M.J. *see* Gibbons, G.W. 8-70318
 Perry, M.P., Jones, T.B. Dynamic loading of a single-stage ferromagnetic liquid seal 8-62186
 Perry, M.P., Jones, T.B. Eddy current induction in a solid conducting cylinder with a transverse magnetic field 8-74815
 Perry, P. *see* Lane, A.L. 8-93133
 Perry, P.B., Rutz, R.F. The optical absorption edge of single-crystal AlN prepared by a close-spaced vapor process 8-88371
 Perry, P.B., Schmidt, M. Explanation of up-conversion and optical storage in CdS: Spatially modulated band structure 8-64397
 Perry, P.M. *see* Boggess, A. 8-96383
 Perry, P.M. *see* Grewing, M. 8-96524
 Perry, R.B. *see* Brumbach, S.B. 8-82066
 Perry, R.J., Hunt, A.J., Huffman, D.R. Experimental determinations of Mueller scattering matrices for nonspherical particles 8-90366
 Perry, R.T., McKinnon, M.A., Teofilo, V.L., Aase, D.T. Neutronics and thermal hydraulics of a Tokamak hybrid blanket 8-66406
 Perry, R.T. *see* Conn, R.W. 8-58418
 Perry, R.T. *see* Teofilo, V.L. 8-62615
 Perry, S. *see* Kim, M. 8-73143
 Perry, W.J., Jr. Sequential deformation in the central Appalachians 8-65294
 Perryman, E.C.W. Picking pressure tube cracking experience 8-82472
 Perscheid, B., Forker, M. Investigation of the hyperfine interaction of the transition element impurity ^{193}Ir in gadolinium 8-52413
 Perscheid, B., Forker, M. Investigation of the magnetic hyperfine field at ^{197}Au impurities in the heavy rare earth metals 8-88244
 Perscheid, B. *see* Bodenstedt, E. 8-91650
 Perschmann, W.-D. *see* Oppen, G.v. 8-58607
 Perseil, A. *see* Hoffer, M. 8-65259
 Pershan, P.S. *see* Chan, W.K. 8-96031
 Pershin, N.P. *see* Mikhail'chenko, R.S. 8-59280
 Pershin, S.M. *see* Akhmanov, S.A. 8-59083
 Pershin, V.K., Pershin, V.I. Change in type of structural instability of a unidimensional molecular crystal subjected to a torsional force 8-87776
 Pershin, V.K. *see* Zhukov, V.S. 8-55938
 Pershin, V.I. *see* Pershin, V.K. 8-87776
 Pershin, V.L. *see* Martynenko, V.G. 8-86281
 Pershin, V.T., Basov, V.G., Sinita, V.N. Analysing a compression system with digital frequency modulation of surface acoustic waves 8-55541
 Persiantsev, I.G. *see* Andreyeva, M.N. 8-71609, 8-71610
 Persiantsev, I.G. *see* Lopantseva, G.B. 8-71612
 Persico, F. *see* Franchina, S. 8-51622
 Persico, F. *see* Messina, A. 8-51623
 Persin, A. *see* Henc-Bartolic, V. 8-62753
 Persin, A. *see* Persin, M. 8-79136
 Persin, M., Persin, A., Zorc, H. Effect of a temperature variation on the optical properties of Fabry-Perot interference filters 8-79136
 Persky, A. Quasiclassical trajectory studies of the chlorine-hydrogen system. II. $\text{Cl}+\text{D}_2\rightarrow\text{DCl}+\text{D}$ 8-56887
 Person, S. *see* Pollard, E.C. 8-53458
 Person, W.B., Kim, K.C. Measurements of some line positions and strengths in the ν_4 region of SF_6 8-94240
 Person, W.B., Kim, K.C. Vibrational anharmonicity constants for SF_6 . I. A $16\ \mu$ diode laser study of transitions in the ν_4 region 8-94242
 Person, W.B., Maier, W.B., II. Absolute integrated intensities of the infrared absorption bands of TiCl_4 8-78689
 Person, W.B., Newton, J.H. Prediction of infrared intensities 8-62854
 Person, W.B. *see* Ackerhalt, J.R. 8-90161
 Person, W.B. *see* Brown, K.G. 8-50548
 Person, W.B. *see* Kim, K.C. 8-86359
 Person, W.B. *see* Newton, J.H. 8-50592, 8-58743, 8-68941
 Personick, S.D. Fiber optic communication. A technology coming of age 8-55456
 Personick, S.D. *see* Barnoski, M.K. 8-59143

- Personov, R.I.** *see* Kharlamov, B.M. 8-76504
- Persson, B.N.J.** Damping of excited molecules located above a metal surface 8-92160
- Persson, B.R.R.** *see* Holm, E. 8-57263
- Persson, K.** *see* Johansen, A. 8-66008
- Persson, K.B.** *see* Warner, B.E. 8-82953
- Persson, N.-G.** *see* Plumtree, A. 8-64672
- Persson, N.O.** *see* Wennerstrom, H. 8-79525
- Persson, P.A.** *see* Melander, A. 8-88501
- Persson, S.E.** *see* Beckwith, S. 8-93351
- Persson, S.E.** *see* Cohen, J.G. 8-57595
- Persson, W.** An extended analysis of the spectrum of trebly-ionized strontium 8-62754
- Persson, W., Pira, K.** Fine-structure splittings of 2F states of singly ionized strontium 8-50494
- Pert, G.J.** The analytic theory of linear resonant absorption 8-51310
- Pert, G.J.** Algorithms for the calculation of ionization in rapidly changing plasmas 8-55734
- Pertl, R.** *see* Muller, H.-R. 8-64242
- Pertosa, P., Michel-Calendini, F.M.** X-ray photoelectron spectra, theoretical band structures and densities of states for BaTiO_3 and KNO_3 8-52629
- Pertsev, A.A., Guseva, L.G., Kulikov, A.E.** High-current vacuum arc in a magnetic field 8-71572
- Pertsev, A.A.** *see* Gerasimov, V.P. 8-75306
- Pertsev, A.N.** *see* Vetokhin, S.S. 8-58039
- Pertsov, A.M., Shapovalova, L.M., Shcheglova, Ye.A.** Analysis of the electrophysiological characteristics of the membrane of the trabecula of the frog atrium from records of ionic currents on voltage clamping. II. Accommodation. Repeat responses. Anode-breaking excitation 8-64956
- Pertsov, A.V.** *see* Pertsov, N.V. 8-53017
- Pertsov, N.V., Vainberg, R.R., Pertsov, A.V., Volodin, Yu.V., Gershtein, V.A., Kozlov, V.M.** Physical and chemical influence of aqueous solutions of copper-ammonia complexes on mechanical working of titanium-nickel alloy 8-53017
- Perttila, M., Murto, J., Halonen, L.** Infrared spectra and normal coordinate analysis of 2-chloroethanol 8-74661
- Perulli, M.** *see* Dahan, C. 8-94788
- Perumalswami, P.R., Dalal, J.S.** Modeling of slabs in seismic analysis of nuclear power plant buildings 8-50414
- Perumalswami, P.R.** *see* Dalal, J.S. 8-50415
- Perunina, L.M.** Characteristics of LiF ceramic obtained by compacting in vacuum and in air 8-52734
- Perunina, L.M.** Effect of particle size on the characteristics of the assembly of pores in a lithium fluoride compact 8-60631
- Perusse, S.** *see* McDonnell, P.M. 8-57010
- Peruzzi, I., Piccolo, M., Alam, M.S., Boyarski, A.M., Breidenbach, M., Feldman, G.J., Hanson, G., Jaros, J.A., Luke, D., Luth, V., Lynch, H.L., Paterson, J.M., Pun, T.P., Rapidis, P.A., Richter, B., Schindler, R.H., Schwitters, R.F., Siegrist, J., Tanenbaum, W., Goldhaber, G., Johnson, A.D., Abrams, G.S., Choinowsky, W., Kadyk, J.A., Madaras, R.J., Nguyen, H.K., Trilling, G.H., Wiss, J.E.** Baryonic decays of the $\psi(3095)$ 8-74252
- Peruzzi, I.** *see* Feller, J.M. 8-66136
- Peruzzi, I.** *see* Heile, F.B. 8-74238
- Peruzzi, I.** *see* Jaros, J.A. 8-50042
- Peruzzi, I.** *see* Scharre, D.L. 8-89723
- Peruzzi, I.** *see* Tanenbaum, W. 8-66113
- Peruzzi, I.** *see* Vuillemin, V. 8-93876
- Pervak, Yu.A.** *see* Kushnirenko, I.Ya. 8-60499
- Perveev, A.F.** *see* Muranova, G.A. 8-90467
- Pervushin, V.N.** *see* Kazakov, D.I. 8-70290
- Perz, J.M.** *see* Holroyd, F.W. 8-91599
- Perz, J.M.** *see* Lee, M.J.G. (editor) 8-91577
- Pescara, L.** *see* Esposito, B. 8-66132
- Pesch, W., Mikeska, H.J.** Dynamical correlation functions in the x-y model 8-72324
- Pesch, W.** *see* Klimeska, P. 8-91812
- Peschanskaya, N.N., Pugachev, G.S., Yakushev, P.N.** Use of an interferometer for precise determination of the creep rate 8-68856
- Peschanski, R.** *see* Cohen-Tannoudji, G. 8-74233
- Peschanski, R.** *see* Martin, A. 8-93839
- Peschanskii, V.G.** *see* Kirichenko, O.V. 8-52104
- Peschel, I.** *see* Dieterich, W. 8-79673
- Peselnick, L., Nicolas, A.** Seismic anisotropy in an ophiolite peridotite: application to oceanic upper mantle 8-53645
- Peshkhonov, V.D.** *see* Zanevsky, Yu.V. 8-77174
- Peshev, P., Pecheva, M.** Study of the thermal decomposition of complex ferric formate, $[\text{Fe}_2(\text{HCOO})_6(\text{OH})_2]\text{HCOO} \cdot 4\text{H}_2\text{O}$ 8-80741
- Peshev, P.** *see* Piccarczyk, W. 8-80464
- Peshkov, N.M., Kaplun, V.A., Romodanov, I.S.** Magneto-optical rotation in photochromic glasses 8-88284
- Peshkovskii, S.L.** *see* Monakhov, V.N. 8-94503
- Pesic, D.S.** *see* Janjic, J.D. 8-90185
- Pesin, V.A.** *see* Kort, S.I. 8-88282
- Peskin, M.E.** Mandelstam-'t Hooft duality in Abelian lattice models 8-78057
- Peskin, R.L.** *see* Jae Min Hyun 8-79307
- Peskov, A.I.** *see* Bespyatykh, A.S. 8-93657
- Peskov, O.L., Remizov, O.V., Sudnitsyn, O.A.** Some features of heat transfer burnout in tubes with non-uniform axial heat flux distribution 8-94088
- Peskov, V.D.** On the current oscillations and role of excited atoms in the mechanism of the high pressure corona discharge 8-67590
- Peskovatskii, S.A., Strizhko, L.P.** Transition from relaxational to 'Josephson' oscillations in shunted superconducting bridges 8-72312
- Peslerbe, G.** *see* Angely, L. 8-63944
- Peslerbe, G.** *see* Lemasson, P. 8-61016
- Pesnelle, A.** *see* Huber, G. 8-78826
- Pesnelle, A.** *see* Liberman, S. 8-86829
- Pesnelle, A.** *see* Manus, C. 8-62907
- Pessa, M.** *see* Heimann, P. 8-52623
- Pesta, Z.** Analytical ascertainment of the field of the neutralizer of static electricity 8-55272
- Pestov, I.V., Ostapenko, V.A., Perkas, M.D., Maloletnev, A.Ya., Kretov, N.A.** Kinetics of crack growth in maraging and medium-alloy steels during low-cycle impact fatigue tests 8-88525
- Pestrikov, D.V.** *see* Derbenev, Ya.S. 8-50424
- Pestryaev, E.M.** *see* Rafikov, S.R. 8-51449
- Pestryakov, E.V.** *see* Barkan, I.B. 8-95572
- Pesuit, D.R.** Model-calculated combining rules for distance force constants and pseudocrystal volumes 8-58765
- Pet, I.** Gas proportional scintillation detectors and their utilisation 8-86727
- Petagna, G.** *see* Eng, R.S. 8-70825
- Petavich, R.J.** *see* Coleman, M.M. 8-92474
- Petch, H.E.** *see* Watton, A. 8-88205
- Petelenz, P.** Effect of the mixing between Frenkel excitons and charge transfer states on charge carrier transfer in molecular crystals. II. Physical consequences 8-79936
- Petelenz, P.** *see* Smith, V.H., Jr. 8-67949
- Petelin, M.I.** *see* Bratman, V.L. 8-90405
- Petelski, E.F., Fahleson, U., Shawhan, S.D.** Models for quasi-periodic electric fields and associated electron precipitation in the auroral zone 8-88977
- Peter, G.** *see* Nuhn, B. 8-63592
- Peter, J., Vegh, E.** Data acquisition program for a nuclear research reactor 8-86679
- Peter, L.M.** The electrocrystallisation of cadmium sulphide films on cadmium 8-72014
- Peter, M.** Brandnew [DIY darkroom timer] 8-82065
- Peterka, J.A.** *see* Hunt, J.C.R. 8-51157
- Peterkin, M.E.** *see* Lauer, J.L. 8-58013
- Peterkofsky, A.** Transport system-dependent regulation of adenylate cyclase 8-69031
- Peterkop, R.K., Rabik, L.L.** Asymptotic expansions in the problem of three charged particles 8-66459
- Peterkop, R.K., Ryabikh, Yu.I.** Excitation of aluminium subgroup atoms by electron impact 8-55240
- Peterlin, A.** Molecular model of fracture of fibrous polymeric material 8-60768
- Peterlin, A.** Diffusion with discontinuous swelling. III. Type II diffusion as a particular solution of the conventional diffusion equation 8-91471
- Petermann, J., Gleiter, G.** Morphology and growth of chain structure in isotactic polystyrene 8-75597
- Petermann, J., Schultz, J.M.** Microstructure and annealing behaviour of cold-drawn isotactic polypropylene 8-95760
- Petermann, J.** *see* Miles, M. 8-51437
- Petermann, K.** Theoretical analysis of spectral modulation behaviour of semiconductor injection lasers 8-50775
- Petermann, K.** Modes in active waveguides with inhomogeneous gain profiles as applied to injection lasers 8-79017
- Petermann, K.** *see* Arnold, G. 8-55352, 8-66827
- Peternel, M.** *see* Navinsek, B. 8-95091
- Peters, G.** *see* Tanenbaum, H. 8-93392
- Peters, H.** On the variability of the near-surface oceanic layer in the Intertropical Convergence Zone 8-96228
- Peters, H.E.** *see* Sabisky, E.S. 8-58969
- Peters, J.M.H.** The Maxwell stress at a deformable surface. [Interfacial electrohydrodynamics] 8-59501
- Peters, K., Avouris, Ph., Rentzepis, P.M.** Picosecond dynamics of primary electron-transfer processes in bacterial photosynthesis 8-80841
- Peters, K.E.** *see* Simoneit, B.R.T. 8-61396
- Peters, K.S.** *see* Applebury, M.L. 8-96011
- Peters, M.W.** *see* Bell, J. 8-54625, 8-93872, 8-93873
- Peters, N.** *see* Rukes, B. 8-91035
- Peters, P.** Fracture mechanical investigations on unidirectional boron-aluminum and boron-epoxy composites 8-88520
- Peters, P.J.** Aperture shaping—a technique for the control of the spatial distribution of diffracted energy 8-59152
- Peters, P.J.M.** Efficient self-sustained pulsed CO laser 8-55377
- Peters, R.H.** *see* Ghaffar, A. 8-91260, 8-91261
- Peters, T.M.** *see* Bates, R.H.T. 8-87022
- Peters, W.** *see* Maess, G. 8-62061
- Peters, W.H.** *see* Smith, C.W. 8-70583
- Petersen, A.** *see* Brandelik, R. 8-62416
- Petersen, A.B., Smith, I.W.M.** Yields of $\text{Br}^*(4^2P_{1/2})$ as a function of wavelength in the photodissociation of Br_2 and IBr 8-64857
- Petersen, E.L.** *see* Allas, R.G. 8-86539
- Petersen, F.R.** *see* Evenson, K.M. 8-81952
- Petersen, G.L.** *see* Buess, M.L. 8-86313
- Petersen, H., Bianconi, A., Brown, F.C., Bachrach, R.Z.** The absolute N_2 K-photoabsorption cross section up to $h\nu=450$ eV 8-94257
- Petersen, H.** *see* Bianconi, A. 8-74711
- Petersen, H.** *see* Lehnart, N. 8-70659
- Petersen, I.** *see* Arvidsson, A. 8-57101
- Petersen, I.** *see* Lindstrom, L. 8-57093
- Petersen, J.F.** *see* Ascuitto, R.J. 8-94025
- Petersen, J.O.** An interpretation of the unique triple mode variable AC Andromedae as an RR Lyrae type star oscillating in the first three radial over-tones 8-57560
- Petersen, J.O.** *see* Albrow, M.G. 8-58214
- Petersen, K.** *see* Goldanskii, V.I. 8-72631
- Petersen, M.** *see* Baker, F. 8-74014
- Petersen, M.R.** *see* Prosen, C.A. 8-57017
- Petersen, R.A., Horn, L.H.** An evaluation of 500 mb height and geostrophic wind fields derived from Nimbus-6 soundings 8-53695
- Petersen, T.S., Legvold, S., Gschneider, K.A., Jr., Tsang, T.-W.E., Moorman, J.O.** Magnetic ordering in Ce-La and Nd-La alloys 8-68238
- Petersohn, U., Diekmann, P.** An adaptable radio-controlled measuring system for oceanographic research in shallow water 8-77354
- Peterson, A.C., Jr.** *see* Williams, C.L. 8-89938
- Peterson, A.M.** *see* Ramsey, V.W. 8-87177
- Peterson, B.** *see* Lisak, M. 8-54220
- Peterson, B.A., Jauncey, D.L., Wright, A.E., Condon, J.J.** PKS 1402+044: A red object with a redshift of 3.20 8-65710
- Peterson, B.A.** *see* Jauncey, D.L. 8-93450
- Peterson, B.A.** *see* Manchester, R.N. 8-77569
- Peterson, B.A.** *see* Savage, A. 8-54073
- Peterson, B.A.** *see* Smith, F.G. 8-93292
- Peterson, B.M.** Neutral hydrogen absorption in the spectra of quasi-stellar objects: a search for absorption due to cluster of galaxies 8-93448
- Peterson, B.M., Craine, E.R., Strittmatter, P.A.** Spectroscopic observations of radio sources 8-86032
- Peterson, C.** *see* Andersson, B. 8-54639
- Peterson, C.J.** Rotation of 10 early-type galaxies 8-54034
- Peterson, C.J.** *see* Rubin, V.C. 8-81680
- Peterson, D.E.** *see* Evans, D.S. 8-57583
- Peterson, D.E.** *see* Land, C.C. 8-80518
- Peterson, D.P.** *see* Bhattacharyya, M.H. 8-85390
- Peterson, D.T., Ostenson, J.E., Taylor, W.A.** Superconducting temperatures of quenched thorium-zirconium alloys 8-88056
- Peterson, E.A.** *see* Biegert, E. 8-93901
- Peterson, E.A.** *see* Makdisi, Y. 8-78221
- Peterson, E.A.** *see* Marshak, M.L. 8-82245
- Peterson, E.A.** *see* Price, L.E. 8-78209
- Peterson, E.W., Hennessey, J.P., Jr.** On the use of power laws for estimates of wind power potential 8-92912
- Peterson, G.A.** *see* Szalata, Z.M. 8-50144
- Peterson, G.E., Carnevale, A., Kurkjian, C.R.** Biased spectral decomposition in glass 8-88198
- Peterson, G.E.** *see* Mims, W.B. 8-84479
- Peterson, H.A.** *see* El-Derini, M.N. 8-66369
- Peterson, J.C.** *see* Nordstrom, R.J. 8-92975
- Peterson, J.E.** A low-cost audio oscillator [for teachers] 8-81772
- Peterson, J.N.** *see* Nichols, R.J. 8-69542
- Peterson, J.R.** *see* Smith, G.P. 8-66609
- Peterson, J.R.** *see* Wild, J.F. 8-75645
- Peterson, J.T., Flowers, E.C., Rudisill, J.H., III** Atmospheric turbidity across the Los Angeles Basin 8-92982
- Peterson, J.T.** *see* Bergstrom, R.W. 8-57317
- Peterson, L.E.** *see* Maraschi, L. 8-54092
- Peterson, M.R.** *see* McIntosh, D.F. 8-74628
- Peterson, N.L.** Temperature dependence of the activation energy of self-diffusion 8-91470
- Peterson, N.L.** Diffusion in the anomalous BCC metals 8-91474
- Peterson, N.L., Rothman, S.J.** Isotope effect for diffusion of zinc and copper in aluminum 8-84006
- Peterson, R.** Abundance analyses of metal-poor stars. I. Blue spectra of 15 high-velocity dwarfs 8-53933
- Peterson, R.** Relative abundances in metal-poor stars. I. The aluminum-to-iron ratio 8-57549

- Peterson, R.C. The carbon-to-iron ratio of metal-rich dwarfs: an analysis of 14 Herculis 8-93227
- Peterson, R.C. *see* Sneden, C. 8-57548
- Peterson, R.E. Waterspout statistics for Nassau, Bahamas 8-92919
- Peterson, R.G., Powell, R.C. Energy transfer in rare earth-doped CaWO_4 after red edge excitation 8-52552
- Peterson, R.J. *see* Kluger, B.M. 8-86479, 8-93993
- Peterson, R.J. *see* Munger, M.L. 8-78398
- Peterson, R.J. *see* Sercely, R.R. 8-78392
- Peterson, R.J. *see* Shastry, S. 8-82338
- Peterson, R.S. *see* Mann, R. 8-86838
- Peterson, S.W. *see* Ming-Bian Liu 8-80672
- Peterson, T.L. *see* Hopkins, R.H. 8-71211
- Peterson, V. *see* Bosetti, P.C. 8-70357
- Peterson, V.Z. *see* Bell, J. 8-54625, 8-93872, 8-93873
- Peterson, W.K. *see* Potemra, T.A. 8-96343
- Pettersson, B. *see* Baier, R. 8-66092
- Pettersson, B. *see* Lagerkvist, C.-I. 8-61782
- Pettersson, G.P., Lindholm, L.-E. Position sensitive light detectors with high linearity 8-89538
- Pettersson, J. Investigations of the critical dynamics of some order-disorder ferroelectrics by dielectric and NMR methods 8-76415
- Pettersson, J. *see* Grossmann, J. 8-76410
- Pettersson, L.-G., Erlandsson, R. The ferromagnetic to paramagnetic transition in nickel studied by angular-resolved photoemission from single crystals 8-68603
- Pettersson, L.-G., Karlsson, S.-E. Clean and oxygen exposed potassium studied by photoelectron spectroscopy 8-52636
- Pettersson, S. *see* Baglin, J. 8-87828
- Pethick, C.J. *see* Fomin, I.A. 8-51775
- Pethrick, R.A. *see* North, A.M. 8-95545, 8-95546
- Petiau, P. *see* Erriquez, O. 8-78170
- Petcolas, W.L. *see* Barrett, T.W. 8-96002
- Petcolas, W.L. *see* Gaber, B.P. 8-53330
- Peting, K.H. *see* Huttner, W. 8-90212
- Petinov, V.I. *see* Dukhovskoi, E.A. 8-52143
- Petinov, V.I. *see* Kostygov, A.N. 8-60317
- Petipas, C. *see* Labulle, B. 8-91308
- Petit, G.Y. *see* Dalmaz, J. 8-70482
- Petit, J., Bouchet, B., Gasc, C., de Fouquet, J. A contribution to the study of the influence of environment on the crack growth rate of high-strength aluminum alloys in fatigue 8-64677
- Petit, J. *see* Lecoin, D. 8-51650
- Petit, J.F. Uranium enrichment by diffusion process 8-70622
- Petit, J.P. *see* Huetz, J. 8-94700
- Petit, J.P. *see* Le Petit, J.P.
- Petit, M. *see* Harvey, C.C. 8-85803
- Petit, P., Desaintfuscien, M., Audoin, C. Hydrogen maser with a double configuration bulb for wall shift measurements in the temperature range 25.120°C 8-58970
- Petit, P. *see* Busca, G. 8-58972
- Petit, P. *see* Gabry, A. 8-57909
- Petitjean, J.P., Vander Poorten, H. Measurement and interpretation of the rest potential of bright nickel in NaCl and dilute H_2SO_4 solutions 8-80506
- Pettitt, G.A., Meder, M.R. Molecular field effects in Mossbauer spectra of FeSb_2O_4 8-91997
- Petke, J.D., Maggiora, G.M., Shipman, L.L., Christoffersen, R.E. Stereoelectronic properties of photosynthetic and related systems. Ab initio configuration interaction calculations on the ground and lower excited singlet and triplet states of magnesium porphine and porphine 8-78639
- Petke, M. *see* Leonhardt, G. 8-52638
- Petkov, I.Zh. *see* Antonov, A.N. 8-54738
- Petkov, J. *see* Karpfen, A. 8-66475
- Petkov, K.S., Razkazov, N.I. Possibilities of applying low temperature plasma in metal ceramics 8-52715
- Petkov, M.D. Thermodynamics of zinc doping in gallium phosphide by liquid phase epitaxy 8-83832
- Petkov, S.T. *see* Bilen'kii, S.M. 8-93820
- Petley, B.W., Morris, K. A simple CW laser digital wavemeter 8-50840
- Petlin, G.N. *see* Kuznetsov, V.M. 8-78601
- Petnikov, A.E. *see* Sukhanov, V.I. 8-87031
- Petrak, D. The movement of particles in gas currents 8-55676
- Petrakian, J.P., Derbez, G. Optical properties of Europium thin films 8-76112
- Petrakiev, A. *see* Kapická, V. 8-67571
- Petrakov, A.V. Reducing contrast sensitivity of vidicons for short pulse exposures 8-86254
- Petrakovskii, G.A. *see* Kuz'min, E.V. 8-80118
- Petrakovskii, V.P. *see* Averkiev, S.A. 8-88342
- Petrascu, M. *see* Berceanu, I. 8-58526
- Petrashen, P.V. *see* Chukhovskii, F.N. 8-79492
- Petrashen, V.E., Yablokov, Yu.V., Davidovich, R.L. Electron paramagnetic resonance study of Cu^{2+} in $\text{K}_2\text{Zn}(\text{ZrF}_6)_2 \cdot 6\text{H}_2\text{O}$ 8-80201
- Petrashov, V.T. Anisotropy of scattering of conductivity electrons on dislocations in aluminum 8-60051
- Petrasinovic, Lj. *see* Novakovic, M. 8-89417
- Petraske, A.K., Hodge, D.S., Shaw, R. Mechanics of emplacement of basic intrusions 8-61374
- Petrauskas, A. *see* Domarkas, V. 8-59241
- Petravicius, A., Juska, G., Smilga, A. Charge transport in cadmium selenide crystals 8-84233
- Petrzhitskii, G.B. *see* Brailovskaya, V.A. 8-83392
- Petrzhitsky, G.B., Nikitin, V.M., Pylaev, A.M. Transient problem of heat conductivity for a generalized model of the inhomogeneous system 8-94521
- Petrzhitsky, G.B. *see* Brailovskaya, V.A. 8-94817
- Petree, F., Cassel, R. Ohmic heating system for the TFR Tokamak 8-55017
- Petrenko, B.Z. *see* Malkevich, M.S. 8-81430
- Petrenko, N.S. *see* Pushkarev, E.A. 8-76189
- Petrenko, N.V. Development and improvement of procedures for forecasting meteorological conditions for aviation 8-92950
- Petrenko, V.F. *see* Osip'yán, Yu.A. 8-79820
- Petrenko, Yu.N., Popryadukhin, A.P. Toroidal Tokamak divertor 8-51337
- Petrea, S. *see* Baroni, G. 8-58279
- Petrescu, M. Contributions to the intermediary phases of the Cu-Zr equilibrium diagram 8-84771
- Petricke, V. *see* Odehnal, M. 8-92726
- Petrichenko, A.M. *see* Mozharov, M.V. 8-56670
- Petrichenko, A.M. *see* Serkhovets, S.I. 8-95732
- Petrie, C.J.S. Some results in the theory of melt spinning for model viscoelastic liquids 8-71377
- Petrie, C.J.S. *see* Waters, N.D. 8-71379
- Petrie, P.L. *see* Harris, W.E. 8-93393
- Petrie, S. *see* Miltz, J. 8-68832, 8-84970
- Petrie, T. *see* Miley, G. 8-66417
- Petrini, G. *see* Benedek, G. 8-79867, 8-79868
- Petriu, E. *see* Pop, E. 8-49788
- Petrocco, G. *see* D'Amico, A. 8-84313
- Petroffi, B., Petrov, M., Simova, P., Angelov, A. Electrohydrodynamic instabilities in smectic C 8-91238
- Petroffi, J.F. Use of an X-ray topography method to study line defects 8-79502
- Petroffi, J.F., Sauvage, M. Misfit dislocation characteristics in quaternary heterojunctions $\text{Ga}_{1-x}\text{Al}_x\text{As}_{1-y}\text{P}_y/\text{GaAs}$ analysed by synchrotron radiation white beam topography 8-63771
- Petroffi, J.F. *see* Baruchel, J. 8-91282
- Petroffi, J.F. *see* Sauvage, M. 8-95239
- Petroffi, P.M., Gossard, A.C., Wiegmann, W., Savage, A. Crystal growth kinetics in $(\text{GaAs})_n(\text{AlAs})_m$ superlattices deposited by molecular beam epitaxy. I. Growth on singular (100)GaAs substrates 8-72739
- Petroffi, Y. *see* Depauteux, C. 8-62271
- Petroffi, Y. *see* Polack, F. 8-68957
- Petroffi, Y. *see* Thiry, P. 8-84143
- Petrofsky, J.S. Control of the recruitment and firing frequencies of motor units in electrically stimulated muscles in the cat 8-81092
- Petronzio, R. *see* Altarelli, G. 8-62374, 8-62375
- Petronzio, R. *see* Amati, D. 8-82101
- Petronzio, R. *see* Cabibbo, N. 8-66078
- Petronzio, R. *see* Maiani, L. 8-58151
- Petropavlovskii, A.I. *see* Borshch, A.A. 8-79066
- Petropoulos, J.H., Roussis, P.P. The influence of transverse differential swelling stresses on the kinetics of sorption of penetrants by polymer membranes 8-76923
- Petropoulos, J.H. *see* Nicholson, D. 8-55689
- Petrosian, S.I. *see* Galechian, G.A. 8-67510
- Petroski, H.J., Achenbach, J.D. Computation of the weight function from a stress intensity factor 8-55591
- Petroski, H.J., Glazik, J.L. Effects of cracks in irradiation-embrittled hexagonal subassembly ducts 8-74446
- Petrosov, O.P. *see* Zakhidov, R.A. 8-90481
- Petrossian, R.G. *see* Avetissian, H.K. 8-58894
- Petrosyan, A.G., Shirinyan, G.O., Ovanesyan, K.L., Avetisyan, A.A. Facet formation in garnet crystals 8-63687
- Petrosyan, A.R., Saakian, K.A., Khachikyan, E.E. The UV galaxies with double and multiple nuclei. II 8-61914
- Petrosyan, G.L. *see* Manukyan, N.V. 8-88494
- Petrosyan, M.L. *see* Korkhmazyan, N.A. 8-66734
- Petrosyan, R.G. *see* Avetisyan, G.K. 8-86431
- Petrosyan, V.P. *see* Egrutdzhyan, Sh.T. 8-71841
- Petrosyan, V.V. *see* Topchyan, L.S. 8-67744
- Petrosyants, M.A., Snitkovskii, A.I., Fal'kovich, A.I. The air circulation in the intertropical convergence zone 8-92948
- Petrosyants, M.A. *see* Minina, L.S. 8-81481
- Petrouleas, V., Lemmon, R.M. Calorimetric studies of choline chloride, bromide, and iodide 8-88647
- Petrouleas, V., Lemmon, R.M., Christensen, A. X-ray diffraction study of choline chloride's B-form 8-55861
- Petrov, A.A. *see* Zykov, V.S. 8-64968
- Petrov, A.E. *see* Belogurov, V.N. 8-91849
- Petrov, A.G., Tverdislov, V.A., Derzhanski, A. Flexoelectric aspects of lipid-protein interaction in biomembranes 8-92600
- Petrov, A.G. *see* Derzhanski, A. 8-92594
- Petrov, A.I., Sukhorukov, B.I. Use of spin labels for investigating the association of adenosine and adenosine-5'-mono-, di- and triphosphates in aqueous solutions 8-81086
- Petrov, A.I. *see* Betekhtin, V.I. 8-52944
- Petrov, A.I. *see* Davydov, B.A. 8-50787
- Petrov, A.L. *see* Morozov, V.N. 8-56491
- Petrov, A.P. *see* Galoyan, V.R. 8-69045
- Petrov, A.V., Ryabchikov, A.I., Tuzov, V.A., Usov, Yu.P. Features of the transport of high-current relativistic electron beams in large volumes 8-82544
- Petrov, A.V. *see* Andreev, V.N. 8-87831
- Petrov, A.V. *see* Fridlender, B.A. 8-71892
- Petrov, A.V. *see* Gladkov, E.A. 8-83628
- Petrov, B.A., Ioch, V.K. Inclined probes employing test pulses [US] 8-53087
- Petrov, B.E. *see* Gromov, Yu.V. 8-70603
- Petrov, D.V., Popov, V.V. Diffraction by a surface acoustic wave of a light beam propagating parallel to the surface 8-66752
- Petrov, D.V. *see* Bogdanov, S.V. 8-82904
- Petrov, G.D., Rovinskii, V.L. Statistical characteristics of mass loss in thermal destruction 8-83429
- Petrov, G.D. *see* Zhuravlev, V.A. 8-75412
- Petrov, G.N., Brailovskii, A.I. Prospects for automatic balancing of rotors subject to small angular oscillations 8-70116
- Petrov, I.A. Electron-optics properties of a system with two crossed lenses 8-50691
- Petrov, I.N., Georgiev, V.K., Glukharov, T.N. Effect of consecutive high-temperature treatments in inert and oxidative media on the distribution profiles of ion-implanted impurities in silicon 8-79625
- Petrov, I.P. *see* Artemov, K.P. 8-86486
- Petrov, L.A. *see* Bogdanov, D.D. 8-78326
- Petrov, L.N. *see* Tkachenko, N.N. 8-56808
- Petrov, M. *see* Petroff, B. 8-91238
- Petrov, M.P., Korneev, V.R. Parametric effects in nuclear spin echo in FeBO_3 8-56404
- Petrov, M.P., Pikalev, A.S., Stepanov, S.I., Kamshilin, A.A. Ferroelectrics in integrated optics and holography 8-90473
- Petrov, M.P. *see* Bagaev, V.V. 8-67420
- Petrov, M.P. *see* Egorov, V.V. 8-93117
- Petrov, M.P. *see* Kamshilin, A.A. 8-58943
- Petrov, M.V. *see* Bar'yakhtar, V.G. 8-60325
- Petrov, N. *see* Brankov, G. 8-80908
- Petrov, N.A. *see* Burangulov, N.I. 8-53605
- Petrov, N.I. *see* Nadezhdin, V.S. 8-54765
- Petrov, N.Kh., Chebotarev, N.F., Pshchetskii, S.Ya. Laser method for determination of the quantum yield of atoms in photodissociation of molecules 8-58753
- Petrov, N.M., Simenog, I.V. Two- and three-nucleon problems in the 'boundary condition' model 8-86491
- Petrov, N.S. *see* Boiko, B.B. 8-71142
- Petrov, P.P. *see* Dugaev, V.K. 8-67979
- Petrov, S.V. *see* Bazhan, A.N. 8-60270
- Petrov, S.V. *see* Bron, R.Ya. 8-80415
- Petrov, S.Ya. *see* Gerasimov, G.N. 8-55769, 8-83640
- Petrov, V. *see* Klotynsh, E. 8-79923
- Petrov, V.A. Spin orientation of electrons under quantum size effect conditions 8-68575
- Petrov, V.A. Comparison of fracture kinetics under static and dynamic loading 8-87738
- Petrov, V.A., Radzyukevich, T.E., Sokolov, V.V. Emissivity of stoichiometric zirconium carbide 8-91457
- Petrov, V.A., Stepanov, S.V. Investigation of combined radiative and conductive heat transfer in a flat sheet of a solid with selective optical properties 8-90672
- Petrov, V.A. *see* Gaisanyuk, A.V. 8-84269
- Petrov, V.A. *see* Kiselev, A.V. 8-93881
- Petrov, V.A. *see* Savitskii, A.V. 8-79665
- Petrov, V.G., Tokar', M.Z. Heat transfer in the wall region of a reactor Tokamak 8-87501
- Petrov, V.I. *see* Boos, E.G. 8-62530
- Petrov, V.I. *see* Garapov, E.F. 8-82410
- Petrov, V.I. *see* Kan, A.Z. 8-93775
- Petrov, V.K. *see* Vasil'chikov, K.H.P. 8-52694
- Petrov, V.M. *see* Aksenov, V.V. 8-51423
- Petrov, V.P. The optimum ratio between the operational component times of an emergency protection drive (EPD) 8-82474
- Petrov, V.P. *see* Dormostuchenko, G.M. 8-75195
- Petrov, V.S. *see* Markov, M.N. 8-69716
- Petrov, Yu.I. *see* Tomson, G.I. 8-70602
- Petrov, Yu.N. *see* Krylov, V.S. 8-64848
- Petrov, Yu.V. *see* Klyuev, V.V. 8-53092
- Petrova, A.G. *see* Valiev, K.A. 8-60414

- Petrova, A.M. *see* Radomysel'skii, I.D. 8-60843
 Petrova, A.P. *see* Antonov, A.S. 8-85619
 Petrova, A.P. *see* Lange, Yu.V. 8-53086
 Petrova, D.S. *see* Antonov, V.A. 8-51948
 Petrova, I.V. *see* Zel'dovich, M.A. 8-69769
 Petrova, L.A. *see* Robachevskaya, V.I. 8-57447
 Petrova, P.C. *see* Kandilarov, B.D. 8-64100
 Petrova, T.A. *see* Gol'dshtein, V.Ya. 8-88474
 Petrova, V.I. *see* Kostadinov, K.N. 8-73113
 Petrovic, J.J., Vasudevan, A.K. Rolling deformation of two-ductile-phase Ag-Ni alloys 8-72819
 Petrovic, J.J., Vasudevan, A.K. Softening behavior of two-ductile-phase Ag-Ni alloys after cold rolling 8-72847
 Petrovic, J.J. *see* Mendiratta, M.G. 8-80632
 Petrovich, F., Stanley, D., Parks, L.A., Nagel, P. Spin-orbit terms in heavy-ion elastic scattering potentials 8-66313
 Petrovich, F. *see* Wojciechowski, H. 8-78411
 Petrovich, I.P. *see* Ivakin, E.V. 8-71794, 8-82934
 Petrovichev, V.I. *see* Deev, V.I. 8-87383, 8-90983, 8-94694
 Petrovskii, A.M. *see* Zakharov, L.M. 8-89309
 Petrovskii, E.B. *see* Pyschova, F.N. 8-53137
 Petrovskii, G.T. *see* Garibin, E.A. 8-71167
 Petrovskii, V.I. *see* Grinshtein, P.M. 8-51681
 Petrunina, T.I. *see* Golovkin, S.V. 8-89919
 Petrucci, G. *see* Bregman, M. 8-89768
 Petrucci, G. *see* Carron, G. 8-90006
 Petrucci, S. *see* Cavell, E.A.S. 8-84519
 Petruk, V.N. *see* Pavlov, Yu.N. 8-69644
 Petruchin, A.I. *see* Antipov, Yu.M. 8-62581
 Petruchina, V.I. *see* Kurin, V.V. 8-75356
 Petrunenkov, A.A., Shaller, A., Shtremel', M.A. Apparatus to record changes in specimen cross-section during compression under low-temperature conditions 8-57940
 Petrunin, V.F., Glazkov, V.P., Savin, V.I., Somenkov, V.A., Fedotov, V.K., Shil'shtein, S.Sh., Marchenko, S.V. Investigation of phase equilibria in zirconium deuterides 8-92244
 Petrunina, T.I. *see* Golovkin, S.V. 8-78218
 Petrus, O. Contributions to the quantum kinetic theory of biatomic molecular gases 8-91053
 Petrusenko, S.K. *see* Grischenko, G.A. 8-71729
 Petrushevskii, I.V. *see* Abramov, V.V. 8-80476
 Petrushenko, E.I., Erkenov, N.Kh. On numerical analysis of non-stationary processes in unidimensional electron-hole transitions 8-84229
 Petrushevskii, M.S., Gel'd, P.V., Baum, B.A. Evaluation of several physical and chemical characteristics of binary solutions with insignificant deviations from Raoult law 8-95729
 Petrushin, N.V. *see* Kovalev, A.I. 8-68009
 Petrushin, N.V. *see* Logunov, A.V. 8-52865
 Petry, R.F., Shirk, D.G., Hill, J.C., Wang, K.H. Decay of neutron-rich ^{42}Ar and ^{46}Ar 8-78319
 Petryaev, E.P., Kovalevskaya, A.M., Shlyk, V.G., Vaninskaya, Yu.M., Zhaleiko, G.A., Stebunov, O.B. Radiative purification of effluent from paper-and-pulp manufacture 8-61035
 Petryanov, I.V. *see* Zhulanov, Yu.V. 8-65408
 Petryanov-Sokolov, I.V. *see* Berezhnoi, V.M. 8-83497
 Petryk, J. *see* Bugajski, M. 8-52583
 Petrylak, D. *see* Hauser, D.C.R. 8-57026
 Petrzilka, V.A. *see* Klima, R. 8-79437
 Petsch, R. *see* McGuire, M.D. 8-78828
 Petschek, A.G. *see* Strosio, M.A. 8-86686
 Petsof'd, D. *see* Pogosyan, Ya.M. 8-86392
 Pettengill, G.H. *see* Campbell, D.B. 8-61788
 Pettengill, G.H. *see* Ostro, S.J. 8-61789
 Pettersen, L. *see* Yanas, A. 8-77058
 Pettersen, O.K.O. *see* Kristiansen, U.R. 8-92648
 Pettersen, A. *see* van Nieuwland, J.M. 8-83196
 Petterson, J.A. On the occurrence of streams and disks in massive X-ray binary systems 8-93464
 Pettet, J.E. *see* Carter, W.E. 8-92774
 Pettifor, D.G. s and d contributions to the transition metal equation of state 8-91633
 Pettifor, D.G., Roy, D.M. Theory of the elastic anomalies in the Invar alloy Fe₃Pt 8-95505
 Pettifor, D.G. *see* Duthie, J.C. 8-91805
 Pettifor, D.G. *see* Gale, S.J. 8-95124
 Pettigrew, M.J., Gorman, D.J. Vibration of heat exchange components in liquid and two-phase cross-flow 8-90770
 Pettigrew, M.J., Sylvestre, Y., Campagna, A.O. Vibration analysis of heat exchanger and steam generator designs 8-66333
 Pettinger, B., Wenning, U. Raman spectra of pyridine adsorbed on silver (100) and (111) electrode surfaces 8-72492
 Pettit, D.E. *see* Ryder, J.T. 8-53028
 Pettit, G.D. *see* DiStefano, T.H. 8-63157
 Pettit, R.B. *see* Butler, B.L. 8-50893
 Pettitt, B.M. *see* Matcha, R.L. 8-92467
 Petty, R.J. *see* Sofield, C.J. 8-58799
 Petukhov, A.G. *see* Bashenov, V.K. 8-79687, 8-91297
 Petukhov, B.S., Grigor'yev, V.S., Polyakov, A.F., Rosnovskiy, S.V. An experimental study of heat transfer in pipes with variable density of the heat flux through the wall 8-83479
 Petukhov, B.S., Polyakov, A.F., Troitskii, V.V., Shekhter, Yu.L. Effect of a gravitational field on the structure of turbulent nonisothermal flow in horizontal cylindrical channels 8-83365
 Petukhov, B.S., Polyakov, A.F., Troitsky, V.V., Shekhter, Yu.L. The structure of secondary currents in turbulent flow in a horizontal tube when thermogravitation is substantial 8-90902
 Petukhov, B.S., Shikov, V.K. Heat transfer and drag for a flow of dissociating nitrogen tetroxide in tube. Method of calculation and investigation of laminar flow 8-71402
 Petukhov, B.S., Shikov, V.K. Heat transfer and resistance in pipe flow of dissociating dinitrogen tetroxide. Turbulent flow 8-91026
 Petukhov, B.S. *see* Maksin, P.L. 8-83474, 8-90869
 Petukhov, B.S. *see* Maxin, P.L. 8-94721
 Petukhov, B.V. An analysis of the effect of various factors on the threshold luminance detail value in the photographic image of a target 8-56989
 Petukhov, E.P. *see* Loseva, G.V. 8-67942
 Petukhov, P.A. *see* Zakharov, I.S. 8-51987, 8-68048
 Petukhov, V.I. *see* Galtsov, D.V. 8-65724
 Petukhov, V.I. *see* Sokolov, A.A. 8-96501
 Petukhov, V.O. *see* Bertel', I.M. 8-74882
 Petukhov, V.V. *see* Gavrilov, G.N. 8-51388
 Petukhov, V.Yu. *see* Abrakhamanov, R.S. 8-88181
 Petukhov, Yu.M. *see* Kuznetsov, A.N. 8-82883
 Petushenko, V.F., Sviryak, D.I. Characteristics of radiostereoscopic image formation 8-85105
 Petushenko, V.F. *see* Gorbunov, V.I. 8-76806
 Petzelt, J., Wlatyas, M., Jr., Kroupa, J., Barta, C. Far infrared properties of Hg₂I₂ single crystals 8-92057
 Petzold, A., Barthel, J. Extraction and preparation of aluminas for technical ceramics 8-53200
 Petzold, J. *see* Maass, W. 8-65789
 Petzow, G. *see* Claussen, N. 8-92223
 Petzow, G. *see* Dreizler, W. 8-88447
 Petzow, G. *see* Huppmann, W.J. 8-72747
 Peube, J.-L., Blay, D. Three-dimensional laminar free convection flows about surfaces 8-87343
 Peugeot, R.S. *see* Fontijn, L.A. 8-95881
 Peura, R.A., Penney, B.C., Arcuri, J., Anderson, F.A., Jr., Wheeler, H.B. Influence of erythrocyte velocity on impedance plethysmographic measurements 8-61238
 Peuron, U.A. *see* Callis, R.W. 8-74490
 Peuser, P. *see* Summerer, K. 8-82313
 Pevzner, V.I. *see* Kuznetsov, Yu.N. 8-83484
 Pey Wang *see* Wang Pey
 Peyaud, B. *see* Hansl, T. 8-74244, 8-89698, 8-89860
 Peyaud, B. *see* Holder, M. 8-55103
 Peyerimhoff, S.D. *see* Peric, M. 8-62791
 Peyerimhoff, S.D. *see* Preuss, R. 8-82635
 Peyerimhoff, S.D. *see* Richartz, A. 8-70810
 Peyerimhoff, S.D. *see* Romelt, J. 8-90089
 Peyerimhoff, S.D. *see* Shih, S.K. 8-50478
 Peyerimhoff, S.D. *see* Thunemann, K.-H. 8-74584
 Peykov, P. *see* Toncheva, L. 8-72274
 Peykov, P.H. Properties of MOS structures with a resistive gate electrode 8-80057
 Peyrade, J.P. *see* Cottu, J.P. 8-84949
 Peyrard, J. *see* Berton, A. 8-84388
 Peyraud, J. *see* Montes, C. 8-59673
 Peyraud, J. *see* Mourier, G. 8-66000
 Peyraud, N. Distorted quasi-equilibrium distribution functions in isotropic plasmas containing metastable atoms. Application to helium 8-91068
 Peyrelasse, J., Boned, C., Clausse, M., McClean, V.E.R., Sheppard, R.J. The influence of temperature upon the dielectric behaviour of water-in-hexadecane microemulsions 8-56426
 Peyret, R. A highly accurate finite-difference method for the solution of the steady Navier-Stokes equation 8-86163
 Peyriere, J. *see* Baldi, P. 8-62047
 Peyronneau, J. *see* Kopystynski, J.L. 8-51666
 Peyronneau, J. *see* Lacam, A. 8-51667
 Peyrou, C. *see* Bosetti, P.C. 8-70357
 Peyton, B.J., Lange, R.A., Savage, M.G., Noell, J., Allario, F. Atmospheric measurements using an airborne dual-channel IR heterodyne radiometer 8-57369
 Peyturaux, R. Absolute measurement of the energy emitted by the centre of the solar disk. New observational data in the visible continuum 8-96453
 Pez, G.P. *see* Baughman, R.H. 8-75556
 Pez, G.P. *see* Hsu, S.L. 8-80454
 Pezot, J. *see* Farcy, J.C. 8-59057
 Pezzoli, G. Direct determination of the profile of oscillatory rotational waves at the breaking limit 8-83415
 Pfaffelhuber, J. *see* Breest, H.-Ch. 8-54836
 Pfannhauser, J., Hohenau, W., Gross, F. Photoconductivity in quartz 8-76103
 Pfau, S., Winkler, R. Towards a microscopic representation of low ionized nitrogen molecular plasmas from glow discharge positive columns. III. Electron kinetics, large scale characteristics under dissociation through direct electron collisions 8-91171
 Pfau, S. *see* Behnke, J.F. 8-67495
 Pfau, S. *see* Deutsch, H. 8-67496
 Pfau, S. *see* Krysmanski, K.H. 8-67484
 Pfau, S. *see* Michel, P. 8-67500
 Pfau, W. *see* Friedemann, C. 8-57563
 Pfeffer, P., Zawadzki, W. Inelastic scattering of electrons by optic phonons in InSb-type semiconductors 8-76073
 Pfeifer, H., Gutsze, D., Zhdanov, S.P. An intermediate state of anomalous high mobility of water molecules adsorbed in the small pores of faujasite type zeolites 8-60027
 Pfeifer, J., Cosontos, L., Szentali, B. Investigation of the doping level in overcompensated p-GaP layers growth by liquid phase epitaxy 8-91353
 Pfeifer, T., Wiechern, R., Trapet, E. A modular multi-axis laser distance measuring system of high accuracy 8-77856
 Pfeifer, W. *see* Guyer, H. 8-70449
 Pfeiffer, B., Wollnik, H., Wunsch, K.D., Schussler, F., Blachot, J., Feenstra, S.J., van Klinken, J., Lawin, H., Monnard, E., Sadler, G. Nuclear spectroscopy of neutron-rich A=145 nuclei 8-78323
 Pfeiffer, B. *see* Berg, H. 8-93974
 Pfeiffer, K. *see* Lorkowski, H.-J. 8-61009
 Pfeiffer, L., Mills, A.P., Jr., Raghavan, R.S., Chandross, E.A. Indium-loaded liquid scintillator for low-energy solar-neutrino spectroscopy 8-73639
 Pfeiffer, N.J., Alic, J.A. Fatigue crack propagation in 8- and 22-layer 7075-T6 aluminium alloy laminates 8-92345
 Pfeiffer, W., Schmitz, W. High speed electrical and optical investigation of discharge development in SF₆ 8-87584
 Pfender, E. *see* Abdel-Wahed, R.M. 8-61619
 Pfeng, H. *see* Dohmann, H.D. 8-94315
 Pfister, C. The oldest series of precipitation in Middle Europe: Zurich 1708-1754 8-85661
 Pfister, J.C. *see* Dean, P.J. 8-60504
 Pfister, J.C. *see* Herbert, D.C. 8-92111
 Pfister, J.C. *see* Venghaus, H. 8-72604
 Pfisterer, H. *see* Braun, A. 8-68548
 Pfizenmaier, E. *see* Bechert, D. 8-94790
 Pfium, M. *see* Stieve, H. 8-69058, 8-69067
 Pflug, K.P., Schuster, K.D., Forstel, H., Pichotka, J.P. Investigations into the behaviour of oxygen isotopes as a basis for a method for lung perfusion determination 8-85327
 Pflug, K.P. *see* Schuster, K.D. 8-85326
 Pflug, L. *see* Albanese, J.P. 8-54802
 Pflug, L. *see* Ingram, Q. 8-62579
 Pflug, L. *see* Jansen, J. 8-86552
 Pfluger, C.E. X-ray diffraction 8-83646
 Pfluger, R. *see* Kessler, A. 8-84516
 Pflyug, K., Kl'vina, M., Suda, Ya. The results of the magnetograph calibration programme 1974 8-65499
 Puff, M., Appel, J. Self-consistent model calculations of electronic states at narrow-band metal surfaces 8-95333
 Pfundstein, M. *see* Neumann, G. 8-55989
 Pfurtscheller, G., Fischer, G. A new approach to spike detection using a combination of inverse and matched filter techniques 8-61267
 Pfurtscheller, G., Maresch, H., Schuy, S. Dynamic analysis of event-related EEG variations 8-85400
 Pfurtscheller, G. *see* Aranibar, A. 8-69047
 Pfurtscheller, G. *see* Maresch, H. 8-85401
 Putzner, H. On the determination of magnetic losses from the field quantities 8-60306
 Phach Vu Duy *see* Vu Duy Phach
 Phadke, L.G. *see* Davidson, J. 8-67407
 Phadke, L.G. *see* Wells, D.R. 8-71504
 Phadke, S.D. Dielectric properties of plasma-polymerized ferrocene films 8-52439
 Phadke, S.D., Sathianandan, K., Karekar, R.N. Electrical conduction in polyferrocene thin films 8-80064
 Phakey, P.P. *see* Liddell, N.A. 8-75677
 Pham, M.T. A very simple method for profiling the ion-implanted Si-surface 8-95075
 Pham, M.T., Hueller, J. Ion implanted silicon-electrolyte interface 8-84291
 Pham, T.N., Roiesnel, C., Truong, T.N. Study of τ decay and possibility of testing conservation of vector current and current algebra at large timelike Q² 8-78155
 Pham, X.Y., Nabavi, R.P. Scaling and the inclusive semileptonic decays of charmed particles 8-82165

- Pham, X.Y., Richard, J.M. The decay $D(1865) \rightarrow \nu K^*(890)$ and the right-handed current 8-74248
- Pham gia Khiem, Krusina, J., Myslivec, T. Interfacial tension in the phase boundary between the high-carbon iron or steel and the $MnO \cdot TiO_2 \cdot SiO_2$ and $MnO \cdot TiO_2 \cdot Al_2O_3$ slag systems 8-63907
- Pham Mau Quan, M. Transformations which leave Einstein's equations invariant 8-62123
- Pham Quang Hung. Comments on the isoscalar axial-vector current matrix elements 8-66051
- Pham Van Ngoc, Boyer, D., Chouteau, Et.M. Mapping of 'apparent pseudo-resistivity' by a combination of telluric-telluric and magneto-telluric profiling. Examples of application on the uraniferous structures in the Cluff Lake (Saskatchewan, Canada) district 8-69285
- Pham Zui Hien. Allowance for fluctuations of radiation flux in activation analysis 8-88688
- Pham-Van, J. Mars observations with Algiers astrolabe (winter 1973) 8-61775
- Pham-Van, J., Billaud, G., Choplin, H., Delmas, C., Grudler, P., Guallino, G., Mignard, F., Vigouroux, G. Observations of Saturn with the astrolabe of the CERGA Observatory during the years 1974, 1975, 1976 8-61793
- Pham-Van, J. see Meyer, F. 8-61794
- Phan, T. see Hung, R.J. 8-85753
- Phan Xuan Ho see Bellicard, J.B. 8-54669
- Phan-Thien, N. On pulsating flow of polymeric fluids 8-90937
- Phan-Thien, N., Tanner, R.I. Response of a nonlinear dumbbell with varying frictional coefficient in a pseudo-turbulent flow field 8-51206
- Phaneuf, R.A., Meyer, F.W., McKnight, R.H. Single-electron capture by multiply charged ions of carbon, nitrogen, and oxygen in atomic and molecular hydrogen 8-55233
- Phaneuf, R.A. see Kim, H.J. 8-58812, 8-66656
- Phariseau, P. see Nuyts, R. 8-51398, 8-51399
- Pharney, J.R. Heating of cathode surfaces caused by high pressure glow discharges and minimum conditions necessary for catastrophic bridging 8-87574
- Phatak, S.C. see Jain, B.K. 8-74404
- Phatarfod, R.M. The sampling error of storage size 8-61466
- Phelan, J.J. see Derrick, M. 8-82197
- Phelan, J.J. see Dombeck, T. 8-82255
- Phelps, A.V. see Lawton, S.A. 8-86958
- Phelps, A.V. see Levron, D. 8-90206
- Phelps, A.V. see Shuker, R. 8-63088
- Phelps, P.D., Ashley, A.J. A comparative survey of multi-directional tomographic units 8-61242
- Phelps, S.R. see Powers, R.P. 8-80968
- Philander, S.G.H. Forced oceanic waves 8-73401
- Philander, S.G.H. Instabilities of zonal equatorial currents. II 8-85587
- Philbert, M. Mechanical vibrations measured by laser interferometry 8-67156
- Philbin, J.S., Dupree, S.A. Subcriticality guidelines for liquid-metal fast breeder reactor spent fuel shipping cask designs 8-82470
- Philbrick, C.R. see Trinks, H. 8-77380
- Philbrick, R.L. The acoustics of open-plan spaces 8-77653
- Philip, A.G.D. Notes on the H-R diagram 8-96511
- Philip, A.G.D., Green, L.C. Henry Norris Russell and the H-R diagram 8-69957
- Philip, A.G.D., Perry, C.L. Photometric bibliographies. (Bibliography of the Stromgren four-color and H beta systems, 1950-1976) 8-96407
- Philip, A.G.D. Davis see Davis Philip, A.G.
- Philip, J., Menon, C.S. Interlattice displacements and elastic constants of the A-15 compounds V_3Si , V_3Ge and Nb_3Sn 8-55906
- Philip, J., Viswanathan, K.S. Phonon magnification in cubic crystals 8-83890
- Philip, J. see Menon, C.S. 8-88490
- Philip, J.R. Inverse power law potentials about polygonal prisms and in polygonal cavities 8-95232
- Philipp, A., Seeger, K. Influence of halogens on the DC conductivity and magnetoresistance of (SN)_x 8-91682
- Philippe, M. see Masnou-Seeuws, F. 8-78776
- Philippin, G.A. see Payne, L.E. 8-71284
- Philippot, E. see Daniel, F. 8-63704
- Philippot, E. see Falck, L. 8-55845
- Philippov, V.N. see Aden, V.G. 8-94086
- Phillips, C.A. The velocity-strain relationship. Application in normal and abnormal left ventricular function 8-69119
- Phillis, J. see Pantos, E. 8-86877
- Phillies, G.D.J., Chappell, P.J., Kivelson, D. Evidence against a strong critical anomaly in the depolarised Rayleigh line of nitrobenzene:n-Hexane 8-68524
- Phillion, D.W. see Shay, H.D. 8-91132
- Phillion, D.W. see Storm, E.K. 8-58312, 8-74471
- Phillips, D. Quantitation of luminescence on TLC plates 8-53306
- Phillips, D.L. see Miller, J.N. 8-61082
- Phillips, A. see Weng, G.J. 8-75709
- Phillips, A.H. see El-Kheshin, M. 8-61878
- Phillips, B.F. Secondary ion mass spectrometry 8-68949
- Phillips, C.A. The bachelor of science degree in biomedical engineering: a state university approach 8-77646
- Phillips, C.R. see Lin Pai, H. 8-55104
- Phillips, C.R. see Nguyen, Y.V. 8-61533
- Phillips, D. see Hirayama, S. 8-74693
- Phillips, D. see Sime, M.E. 8-62820
- Phillips, D. see Swords, M.D. 8-66692
- Phillips, D.C. The effects of radiation on electrical insulators in fusion reactors 8-95082
- Phillips, D.C. see Hitchon, J.W. 8-68724
- Phillips, D.S., Schiff, H., Teshima, R. Exact multinodal nonlinear fields 8-74131
- Phillips, G. see Trimble, J. 8-92622
- Phillips, G.C. see Allred, J.C. 8-73219
- Phillips, G.C. see Hudomalj-Gabitzsch, J. 8-70385
- Phillips, G.C. see Mutchler, G.S. 8-70387
- Phillips, G.O. see Buchanan, J.D. 8-85186
- Phillips, G.W. Fitting peaks with very low statistics 8-74529
- Phillips, J.C. see Chelikowsky, J.R. 8-55830
- Phillips, K., Rusbridge, M.G., Young, K.M. A steady-state plasma in a quadrupole magnetic field 8-91146
- Phillips, L.F. Pressure dependence of the rate of reaction of OH with HCN 8-85135
- Phillips, L.F. see Brady, T.J. 8-82681
- Phillips, L.J., Lightholder, P.A., Hurite, F.G. Evaluation of 225 consecutive intraocular-lens implants 8-81061
- Phillips, L.N. see Yates, B. 8-95164, 8-95165
- Phillips, M.G. see Hakeem, M.I. 8-95806
- Phillips, M.J., Hartmann, L. Long-term variability of dMe stars 8-93254
- Phillips, P.D. see Richner, H. 8-85726
- Phillips, P.J. see Cortellucci, R. 8-64742
- Phillips, P.R. Nonlinear transformations in Hilbert space 8-73133
- Phillips, P.S. see Moses, A.J. 8-91916
- Phillips, R.A. see Laroye, G.J. 8-57894
- Phillips, R.D. see Kaune, W.T. 8-53587
- Phillips, R.J. see Ferrari, A.J. 8-77503
- Phillips, R.J. see Peebles, W.J. 8-85868
- Phillips, R.J.N. see Barger, V. 8-50004, 8-66106, 8-70356, 8-89656, 8-93870
- Phillips, R.L. see Mallette, L.A. 8-70182
- Phillips, S. see Ellis, R. 8-53840
- Phillips, S.E.V. Structure of oxymyoglobin 8-56950
- Phillips, T.G., Kwan, J., Huggins, P.J., Scoville, N.Z., Wannier, P.G. Detection of $H_2^{18}O$ and an abundance estimate for interstellar water 8-57621
- Phillips, W. see Burke, W.J. 8-82929
- Phillips, W. see Fujita, H. 8-64383
- Phillips, W.A. see Stewart, A.M. 8-72131
- Phillips, W.D., Serri, J.A., Ely, D.J., Pritchard, D.E., Way, K.R., Kinsey, J.L. Angular scattering distribution by Doppler spectroscopy: $Na(3P_{1/2}) + Ar \rightarrow Na(3P_{3/2}) + Ar$ 8-94309
- Phillips, W.E. see Koyama, R.Y. 8-91643
- Phillips, W.E. see Myers, D.R. 8-63999
- Phillips, W.R. see Francy, M.A. 8-89900
- Phillipott, J., Bevir, M.V., Dobbing, J.A., Gray, J.W., Turner, M.F. RFX field system design 8-54884
- Philo, J.S., Fairbank, W.M. High-sensitivity magnetic susceptometer employing superconducting technology 8-49872
- Philoché-Levisalles, M. see Bois, C. 8-59788
- Philpott, M.R. see Brillante, A. 8-72540, 8-80372
- Philpott, M.R. see Pockrand, I. 8-64424
- Philpott, M.R. see Syassen, K. 8-72543, 8-88323
- Philpott, R.J. Continuum shell model calculations: Status and prospects 8-54698
- Phinney, D., Tennyson, J., Frick, U. Xenon in CO_2 well gas revisited 8-73374
- Phinney, W.C., Dence, M.R., Grieve, R.A.F. Investigation of the Manicouagan impact crater, Quebec: an introduction 8-81163
- Phinney, W.C. see Floran, R.J. 8-81164
- Phinney, W.C. see Simonds, C.H. 8-81166
- Phippes, C.R., Jr. see Sollid, J.E. 8-90471
- Phippes, G.S. see Landry, M.J. 8-71059
- Phippes-Todd, B. see Haggis, G.H. 8-61290
- Phoenix, S.L. Stochastic strength and fatigue of fiber bundles 8-79262
- Phoenix, S.L. The asymptotic time to failure of a mechanical system of parallel members 8-83240
- Phoenix, S.L. see Harlow, D.G. 8-67095, 8-88496
- Photinos, D. see Baltas, A. 8-70367
- Photinos, P.J. see Mady, R. 8-75933
- Phu-Xuan, Ng., Rivoire, G. Evolution of the polarization state of an intense electromagnetic field in a non-linear medium 8-50867
- Phua, K.K. see Hoang, T.F. 8-54761
- Phuoc Ngo Tich see Ngo Tich Phuoc
- Pi So-Young see So-Young Pi
- Pia Verdon, M. see Alfonso, G.C. 8-75579
- Piacentini, M. see Balzarotti, A. 8-63974
- Piacentini, R.D., Salin, A. Electron capture by protons in molecular hydrogen 8-58808
- Piacentini, R.D. see Falcon, C. 8-86943
- Piacentini, R.D. see Lopez, V. 8-82813
- Pialoux, A. High temperature X-ray study of the He U-C-N system with a graphite excess and under N_2 pressure control 8-72765
- Pian, T.H.H. A historical note about 'hybrid elements' 8-57761
- Pianarosa, P. see Gagne, J.M. 8-86967
- Pianetta, P., Lindau, I. Phase space analysis applied to X-ray optics 8-62276
- Pianetta, P. see Chye, P.W. 8-60203
- Pianetta, P. see Garner, C.M. 8-92170
- Pianetta, P. see Lindau, I. 8-95358
- Pianetta, P. see Skeath, P. 8-91514
- Pianetta, P. see Spicer, W.E. 8-53254
- Pianetta, P.A. see Ling, D.T. 8-71956
- Piani, C.S.B. see Aspelting, J. 8-95081
- Piano-Mortari, G. see Esposito, B. 8-66132
- Piasecki, E. see Kordyasz, A. 8-86711
- Piatti, G. see Pellegrini, G. 8-72771
- Piau, J.-M. see Amadou, H. 8-90941
- Piau, M. Crack scattering in polycrystalline media 8-75089
- Piazza, L.D. see Di Piazza, L.
- Piazza, L.R. see Kaufmann, P. 8-77418
- Piazzola, D. see Claverie, P. 8-73130
- Picard, C. see Kleppa, O.J. 8-71862
- Picard, C. see Tetot, R. 8-85190
- Picard, J., Hubsch, J., Le Gall, H., Guillot, M. Anisotropic behaviour of the magnetisation of $DyVO_4$ in the basal plane under Jahn-Teller distortion 8-68222
- Picard, R. see Block, D. 8-80256
- Picardi, G. see Bucciarelli, T. 8-57118
- Picaut, J. see Moore, D. 8-88836
- Piccaluga, G. see Caminiti, R. 8-78772
- Picchio, G. see Perinotto, M. 8-85995
- Picini, A. see Sartorelli, J.C. 8-84477
- Picini, M. see Bertin, A. 8-55259
- Picciotto, C. Double-beta decay and resonances in the nucleus 8-54722
- Picciotto, C. see Bryman, D. 8-58256
- Piccirillo, J., Stein, W.L. Preliminary photometry of the open cluster IC 361 8-89228
- Picco, J.-P. A digital multimeter 8-57986
- Piccolo, M. see Feller, J.M. 8-66136
- Piccolo, M. see Heile, F.B. 8-74238
- Piccolo, M. see Jaros, J.A. 8-50042
- Piccolo, M. see Peruzzi, I. 8-74252
- Piccolo, M. see Scharre, D.L. 8-89723
- Piccolo, M. see Tanenbaum, W. 8-66113
- Piccolo, M. see Vuillemin, V. 8-93876
- Piche, L. see Bernard, L. 8-52430
- Pichler, G., Carlsten, J.L. Self-broadening of the Tl 377.6 nm resonance line 8-82692
- Pichler, G. see Stwalley, W.C. 8-94301
- Pichler, H., Putz, K. Pseudo-colour images: a microprocessor controlled method for electronic image processing 8-92724
- Pichler, S. see Appel, E. 8-58513
- Pichon, X. Le see Le Pichon, X.
- Pichot, Ch. Determination of energy in diffused optical waveguides by a rigorous solution. Comparison with the approximate WKB method and experience 8-63200
- Pichotka, J.P. see Pflug, K.P. 8-85327
- Pichotka, J.P. see Schuster, K.D. 8-85326
- Picciolo, P.L., Thomas, J.K. Photoionization of pyrene in alkane liquids 8-61038
- Pick, H.L., Jr. see Johnson, C.I. 8-85322
- Pick, M. see Heyvaerts, J. 8-61824
- Pick, R.J. see Vanderlas, M.L. 8-67149
- Pick, R.M., Yvinec, M. Density of states for IR active internal modes of tetrahedral molecules forming molecular glasses 8-75788
- Pick, R.M. see Boissier, M. 8-80370
- Pick, S., Tomasek, M. Projected surface energy bands and Shockley surface states of transition metals. II. FCC and HCP lattices 8-68061
- Pick, S. see Tomasek, M. 8-88009, 8-91739
- Pickalov, V.V., Preobrazhensky, N.G. Algorithms for optical diagnostics of plasma layers with complicated geometry and different transmissivity 8-67435
- Pickard, H. see Alfriend, K.T. 8-53801
- Pickard, P.S. see Sasmor, D.J. 8-86593
- Pickart, S. see Rhyne, J. 8-68174
- Pickel, F.M. see Ryder, J.T. 8-53029
- Pickens, J.R., Gurland, J. The fracture toughness of WC-Co alloys measured on single-edge notched beam specimens precracked by electron discharge machining 8-52975
- Pickens, J.R. see Exner, E. 8-76739
- Pickering, H.W. see Chatterjee, S.S. 8-53252
- Pickering, K.E., Justo, J.E. Observations of the relationship between dew and radiation fog 8-73446
- Pickering, W.M. see Huntley, E. 8-57763
- Pickering, W.M. see Sozou, C. 8-79388
- Picket, W.E. see Ho, K.M. 8-91801
- Pickett, G.R. see Alexander, P.W. 8-91504

- Pickett, W.E., Cohen, M.L. Self-consistent electronic structure of (110) Ge-ZnSe 8-91747
- Pickett, W.E., Cohen, M.L. Theoretical trends in the abrupt (110) AlAs-GaAs, Ge-GaAs, and Ge-ZnSe interfaces 8-95339
- Pickett, W.E., Louie, S.G., Cohen, M.L. Self-consistent calculations of interface states and electronic structure of the (110) interfaces of Ge-GaAs and AlAs-GaAs 8-52066
- Pickett, W.E. *see* Allen, P.B. 8-60106
- Pickett, W.E. *see* Ho, K.M. 8-79916
- Pickin, W. The kinetics of electron transitions for donors with excited states 8-79961
- Pickl, J. *see* Hoffmann, H. 8-72287, 8-76170
- Pickles, B.W., Johnson, E.R., Cocks, H. A study of conditions leading to fragmentation on failure of zirconium alloy pressure tubes 8-72863
- Picklum, R.E. *see* Taam, R.E. 8-93293
- Pickovskii, A.S., Rabinovich, M.I., Trakhtengerts, V.Yu. Appearance of stochasticity on decay confinement of parametric instability 8-51300
- Pickup, B.T. *see* Firsh, D. 8-70743
- Pickus, M.R. *see* Malekzadeh, M. 8-76284
- Pickwick, K.M. *see* Boyd, J.D. 8-64658
- Picone, G. *see* Bertotti, B. 8-93087
- Picot, B. *see* Saint-Paul, M. 8-71867
- Picou, J.L. *see* Bhandari, S.K. 8-67136
- Picozza, P. *see* Berger, J. 8-70525
- Picozza, P. *see* Bizard, G. 8-54643
- Picquart, M. *see* Teng, M.K. 8-80358
- Piddington, J.H. The flux-rope-fibre theory of solar magnetic fields 8-77525
- Piddington, J.H. Jupiter-Io electrodynamic interaction 8-81583
- Piddubdyak, O.P. *see* Podstrigach, Ya.S. 8-90547
- Pidgeon, R.T. 3450-m.y.-old volcanics in the Archaean layered greenstone succession of the Pilbara Block, Western Australia 8-53627
- Pidzyrailo, N.S. *see* Kuziy, M.P. 8-56451
- Piechocki, W. *see* Dabrowski, J. 8-70478
- Piecuch, M. *see* Mangin, Ph. 8-95478
- Piecuch, M. *see* Rodmacq, B. 8-95489
- Piekarczyk, W., Pajackowska, A., Peshev, P., Toshev, A. On the preparation of pseudobrookite single crystals by chemical transport 8-80464
- Piekarska, M. *see* Staronka, A. 8-83711
- Piekarski, C. *see* Kleinhans, G. 8-81096
- Piekarski, K. *see* Miyase, A. 8-76723
- Piekarski, K.R. Morphology and fracture of bone 8-57036
- Piel, A. *see* Himmel, G. 8-75344
- Piela, L. *see* Andzel, J. 8-71782
- Piele, H. *see* Hartmann, O. 8-77847, 8-77966
- Piemontese, L. *see* Fidicaro, G. 8-66157
- Pieniadz, J. *see* Jakubik, S. 8-93719
- Pienkowska, B. Properties of epoxy resins according to amine hardeners used, and changes of these properties resulting from adding softeners and fillers 8-68741
- Pieper, A.G. *see* Michel, D.J. 8-80597
- Pieper, H. *see* Graff, K. 8-95301
- Pieper, M. *see* Calvelli, G. 8-74380
- Pieper, S.C., Macfarlane, M.H., Gloeckner, D.H., Kovar, D.G., Becchetti, F.D., Harvey, B.G., Hendrie, D.L., Homeyer, H., Mahoney, J., Puhlhofer, F., von Oertzen, W., Zisman, M.S. Energy dependence of elastic scattering and one-nucleon transfer reactions induced by ^{16}O on ^{208}Pb . I 8-82378
- Pieper, S.C. *see* Olmer, C. 8-82379
- Piepho, S.B. *see* Schatz, P.N. 8-58646
- Piepmeyer, E.H. *see* Hosch, J.W. 8-88661, 8-88662
- Pieralli, F. *see* Del Giallo, F. 8-93724
- Pierce, A.D. Acoustical energy conservation-dissipation theorem 8-90561
- Pierce, A.D. Aeroacoustic fluid dynamic equations and their acoustic energy conservation corollary with O_2 and N_2 vibrational relaxation effects included 8-90566
- Pierce, B.M. *see* Birge, R.R. 8-64934
- Pierce, C.W., Howe, H.J., Yemin, L., Lind, K. The handling of tritium at TFTR 8-50364
- Pierce, D.T. *see* Unertl, W.N. 8-83693
- Pierce, F.J. *see* Ezekew, C.I. 8-94656
- Pierce, G.F. *see* Broverman, A.Y. 8-71560
- Pierce, J.W. *see* Fox, D.L. 8-56486
- Pierce, J.W. *see* Siegel, F.R. 8-88936
- Pierce, N. *see* Weggel, C. 8-50355
- Pierce, R.D. *see* Bonner, W.A. 8-68322
- Pierce, R.D. *see* Gyorgy, E.M. 8-67857
- Pierce, W.S., Shannon, J.L., Jr. Surface-crack shape change in bending fatigue using an inexpensive resonant fatiguing apparatus 8-72950
- Pierce, W.S. *see* High, K.M. 8-81080
- Piercy, J.E. *see* Daigle, G.A. 8-83159
- Pierluissi, J.H., Gibson, G.A., Gomez, R.B. Approximation to the Lorentzian coefficient for efficient calculation of transmittance profiles 8-61552
- Pierluissi, J.H., Gomez, R.B., Duncan, L.D. Application of Prony's method to the modeling of spectral-band transmittance 8-70202
- Pierluissi, J.H. *see* Gomez, R.B. 8-85696
- Piermarini, G.J., Forman, R.A., Block, S. Viscosity measurements in the diamond anvil pressure cell 8-83504
- Pierobon, G.L. *see* Carliolaro, G.L. 8-50717
- Pierotti, D., Rasmussen, R.A., Chatfield, R. Continuous measurements of nitrous oxide in the troposphere 8-81318
- Pierotti, D. *see* Balocchi, R. 8-80964
- Pierotti, D. *see* Rasmussen, R.A. 8-73471, 8-81277
- Pierre, A. *see* Loll, P. 8-64517
- Pierre, C. *see* Vergnaud-Grazzini, C. 8-96239
- Pierre, F.M. *see* Tanenbaum, W. 8-66113
- Pierre, G.R.St. *see* St. Pierre, G.R.
- Pierre, J., Morin, P., Schmitt, D., Hennion, B. Magnetic excitations in the cubic antiferromagnet ErCu 8-72341
- Pierre, J. *see* Berthier, Y. 8-84180
- Pierre, J. *see* Schmitt, D. 8-72328
- Pierret, R.F. Rapid interpretation of the MOS-C C-t transient 8-88036
- Pierret, R.F. *see* Elliott, J.K. 8-66988
- Piersol, A.G. Use of coherence and phase data between two receivers in evaluation of noise environments 8-59194
- Pierson, W. *see* Stewart, R.H. 8-77337
- Pierucci, M. Acoustic radiation due to a fluid loading discontinuity on an infinite membrane 8-90579
- Piesch, E. *see* Burghardt, B. 8-90029, 8-90030
- Piesch, E. *see* Hassig, G.M. 8-86738
- Piest, J. Equilibrium correlation functions and the kinetic theory of turbulent flows 8-90886
- Piestrup, M.A. *see* Pantell, R.H. 8-62995
- Piet, P. *see* Barentsen, W. 8-52899
- Pietarinen, E., Wit, R. Low and high-energy properties of scattering amplitudes satisfying geometrical scaling 8-86447
- Pieters, C. *see* Adams, J.B. 8-61765
- Pietrafesa, L.J. *see* Blanton, J.O. 8-81183
- Pietralik, M. *see* Brodowicz, K. 8-94555
- Pietralla, M. *see* Frank, W. 8-57722
- Pietralla, M. *see* Kilian, H.G. 8-75894
- Pietraszkiewicz, K. Generalization of the pupil function for the optical systems containing birefringence elements 8-55310
- Pietraszkiewicz, K. Tolerance of the refractive index gradient in optical elements 8-71179
- Pietro, D.M. *see* Di Pietro, D.M.
- Pietronero, L. Stability and melting of simple ionic systems 8-71839
- Pietronero, L. Toward a melting theory for simple ionic systems 8-79748
- Pietronero, L., Strassler, S., Zeller, H.R., Rice, M.J. Charge distribution in c direction in lamellar graphite acceptor intercalation compounds 8-87935
- Pietrucha, J., Szegal, D. Application of the method of optimal control for elimination of aeroelastic vibrations 8-55584
- Pietrzak, J., Onyszkiewicz, I., Kubiak, J. Growth of copper ferrite monocrystals by crystallization from high temperature solutions 8-60561
- Pietrzak, K.A., Platygina, E.V., Teplykh, V.F. The fine structure of the fission yields of heavy nuclei 8-86560
- Pietrzyk, B. *see* Bienlein, J.K. 8-93894
- Pietrzyk, J. *see* Siwecki, T. 8-52807
- Pietrzyk, Z.A., Massey, R.S. Effect of Faraday rotation on stimulated Brillouin backscattering 8-71511
- Pietrzyk, Z.A., Scudder, D.W., Nelson, G. Reply to comments by C.S. Lai 8-67384
- Pietrzyk, Z.A. *see* Carson, R.S. 8-93686
- Pietrzyk, Z.A. *see* Makomaski, A.H. 8-75394
- Pietrzyk, Z.A. *see* Massey, R.S. 8-51307
- Pietrzyk, Z.A. *see* Watt, R.G. 8-71490
- Pietsch, W.J. *see* Gaillard, M.J. 8-74752
- Pietsch, W.J. *see* Gemmell, D.S. 8-50631
- Pietschmann, H., Haidt, D. High energy behaviour of weak interactions and renormalisable theories 8-78164
- Pietz, S. *see* Klatt, K.-H. 8-53184
- Pietzsch, C., Buhig, E., Boudriot, H., Deus, K., Siegel, W. The simultaneous crystallization of $\text{ZnSnP}_2/\text{ZnSiP}_2$ -a heterocombination 8-60560
- Pievs'kii, I.M., Gotkis, A.I., Grechina, V.V. Effect of the rheological characteristics, material temperature and heat and mass exchange intensity on the kinetics of the stressed state of a thin plate surface layer 8-55617
- Pifer, B., Zimmer, M., DuGranrut, J., McFadden, J. Aircraft satellite data link 8-96299
- Piffard, Y. *see* Dion, M. 8-75646
- Piffaretti, J. *see* Lunke, C. 8-94035
- Piffaretti, J. *see* Pedroni, E. 8-66321
- Piffaretti, J. *see* Perrin, C. 8-89792
- Pigache, D., Fournier, G., Lucas, R., Lecuiller, M. Production of oxygen metastables and ozone in a high pressure electron-beam-controlled discharge 8-71607
- Pigache, D. *see* Fournier, G. 8-67524
- Pigford, R.L. *see* Hebel, L.C. 8-54863
- Pigford, T.H., Yang, C.S., Maeda, M. Denatured fuel cycles for safeguards control 8-82446
- Pigford, T.H. *see* Hebel, L.C. 8-54863
- Piggott, B.D.G. *see* Duffey, R.B. 8-59451
- Piggott, M.R. The relation between crack opening displacement and flow stress 8-68810
- Piggott, M.R. Expressions governing stress-strain curves in short fibre reinforced polymers 8-80592
- Piggott, M.R. *see* Cooper, G.A. 8-60772
- Pignanelli, M. *see* Colombo, E. 8-54752
- Pignataro, M. *see* Di Carlo, A. 8-83276
- Pignataro, S. *see* Distefano, G. 8-50588
- Pignedoli, A. A relativistic problem of particle motion 8-90350
- Pignoli, C.R. Isolation and relief valve/piping transient forces 8-50287
- Pignon, D., Piketty, C.A. New-particle spectroscopy, the Lorentz structure of the confining quark-quark interaction and asymptotic freedom 8-66077
- Pigrova, G.D., Efimova, M.N., Grigorash, E.F. Constitution of cast multicomponent nickel-base alloys 8-75627
- Piguet, O., Schweda, M. Comments on the superfield structure of non-Abelian B.R.S.-invariant gauge models 8-74121
- Piguet, O., Schweda, M. A generalized Slavnov-invariant Abelian Higgs-Kibble model 8-78070
- Pigul'zki, S.V. *see* Baranov, V.Yu. 8-59696
- Piguzov, Yu.V. *see* Drapkin, B.M. 8-56675
- Pihl, J. *see* Ishii, K. 8-78798
- Pihl, M. The first spark of electrotechnology-H.C. Oersted 8-69955
- Pihlak, U. *see* Keszei, C. 8-63574
- Piiparinen, M., Carlen, L., Ryde, H., Hjorth, S.A., Johnson, A., Lindblad, Th. Search for high-spin isomers in ^{150}Dy 8-50075
- Pijolat, C. *see* Thomas, J.P. 8-91357
- Pikalev, A.S. *see* Petrov, M.P. 8-90473
- Pikalev, E.M. *see* Sokolko, A.I. 8-68460
- Pikalov, V.V., Preobrazhenskii, N.G., Gippius, E.F., Kolesnikov, V.N. The reliability of the determination of local values of plasma radiation intensity 8-91072
- Pike, C.D. Radial-velocity-variations of α Equulei and HR 6684 deduced from PDS scans 8-77581
- Pike, E.R. *see* Jakeman, E. 8-53726
- Pike, E.R. *see* McWhirter, J.G. 8-81800
- Pike, R.A. *see* Cooper, M.G. 8-90647
- Pikel'ner, S.B., Livshits, M.A. X-ray and ultraviolet emission and the physics of solar flares 8-65598
- Piketty, C.A. *see* Pignon, D. 8-66077
- Pikhtev, A.I. *see* Budkin, L.A. 8-74801
- Pikhtev, R.N. *see* Agasyan, E.O. 8-78563
- Pikhtin, A.N., Prokopenko, V.T., Rondarev, V.S., Yaskov, A.D. Refractive index of light in silicon carbide 8-84548
- Pikhtin, A.N. *see* Berndt, T. 8-72567
- Pikhtin, A.N. *see* Kopylov, A.A. 8-79960
- Pikichyan, O.V. On the Green's function of a non-coherent, anisotropically scattering plane-parallel slab 8-61723
- Pikin, S.A. *see* Khataevich, V.I. 8-75551
- Piksaikin, V.M., D'yachenko, P.P., Anikin, G.V., Seregina, E.A., Akhmedov, G.M., Stavinskii, V.S. On neutrons from ^{252}Cf emitted under small angles to the fission axis 8-86564
- Pikul', V.V. Theory of thin heterogeneous plates and sloping shells 8-63307
- Pikula, N.P. *see* Kaplin, A.A. 8-61098
- Pikus, E.A. *see* Glezer, A.M. 8-95016
- Pikus, G.E. *see* Altukhov, P.D. 8-88362
- Pikus, G.E. *see* Asnin, V.M. 8-80025
- Pikus, G.E. *see* Ivchenko, E.L. 8-64065
- Pikus, I.F., Gubskii, I.A., Zverev, A.M. Certain laws applicable to the vacuum drying of electrical insulation elements in an inert heat-transfer vapor 8-56875
- Pikus, Yu.M. *see* Mikhalev, V.S. 8-80902
- Pikuz, S.A. *see* Aglizki, E.V. 8-53912
- Pikuz, S.A. *see* Belyaev, L.M. 8-74114
- Pikuz, S.A. *see* Boiko, V.A. 8-70781, 8-86806, 8-94938
- Pil', G.I. A method for separating the normal geomagnetic field 8-69479
- Pil', G.I., Karavayeva, E.I. Singular points of some models of the geomagnetic field 8-69289
- Pil', G.I., Tyurmina, L.O. Estimate of the error of the method for determining the components of the geomagnetic field intensity vector from its magnitude 8-73308
- Pil', G.I. *see* Pochtarev, V.I. 8-73307
- Pilachowski, C.A. Observations of CO in globular cluster stars 8-93339
- Pilar, F.L. 4s is always above 3d or, how to tell the orbitals from the wavefunctions [teaching] 8-73801
- Pilard, R. *see* Bianco, P. 8-53318

- Pilat, I.M.**, Belikov, A.B., Kazanskaya, L.L., Ashcheulov, A.A., Tsytko, N.K. Error of thermal converters with anisotropic thermocells due to inaccuracy in crystallographic orientation 8-77904
- Pilawski, M.**, Siciński, A., Rosa, Z. Universal digital meter for photometric measurements 8-65943
- Pilawski, M.** *see* Biernat, A. 8-88272
- Pilchowski, K.**, Gaedeke, R., Karch, J., Wolf, F. Carbon distribution and diffusion in 5A zeolite 8-64828
- Pilecki, S.** Dislocation-diffusion mechanism of fatigue crack formation 8-60829
- Piletskas, E.L.**, Domarkas, V.I. An electrically steerable ultrasonic detector 8-51026
- Piletskaya, I.B.** *see* Kamenetskaya, D.S. 8-92323
- Pilger, R.H., Jr.** A method for finite plate reconstructions, with applications to Pacific-Nazca plate evolution 8-81130
- Pilger, R.H., Jr.** *see* Cross, T.A. 8-81134
- Pil'gui, N.E.** *see* Klimenko, A.V. 8-70128
- Pilipenko, A.M.** *see* Esaulov, A.S. 8-62411
- Pilipenko, N.V.**, Klyuchev, V.M., Kuz'min, V.A. Calorimeter for investigating transient heat flow in materials 8-86273
- Pilipenko, N.V.** *see* Dul'nev, G.N. 8-59275
- Pilipenko, V.N.** Heat and mass transfer in turbulent flows over a rough surface 8-83380
- Pilipenko, V.V.** *see* Berezhnoi, Yu.A. 8-82352
- Pilipenko, Y.** *see* Gross, D. 8-70410
- Pilipetskii, N.F.**, Popovichev, V.I., Ragul'skii, V.V. Concentration of light using inversion of light wave front 8-63154
- Pilipetskii, N.F.** *see* Vuntsevich, I.L. 8-68780
- Pilipovich, D.** *see* Coombe, R.D. 8-63106
- Piliya, A.D.** *see* Budnikov, V.N. 8-79439
- Pilkington, J.** *see* Elliott, K.H. 8-77593
- Pilkington, R.** *see* Jones, C.L. 8-64667, 8-80640
- Pilkington, R.** *see* Miller, D.A. 8-64638, 8-75753
- Pilkington, T.C.** *see* Ideker, R.E. 8-92615
- Pilkuhn, H.**, Wycech, S. Isospin analysis of the energy shifts of hadronic atoms 8-62961
- Pilkuhn, H.** *see* Bongardt, K. 8-62962
- Pilkuhn, H.** *see* Eeg, J.O. 8-82257
- Pilkuhn, H.** *see* Jackle, R. 8-62580
- Pilkuhn, H.** *see* Metzner, R. 8-50667
- Pilla, O.** *see* Viliani, G. 8-56460
- Pillai, C.K.** *see* Pillai, P.K.C. 8-52034
- Pillai, K.M.**, Ittyachen, M.A. Growth and kinetic studies of lead carbonate whiskers in silica gel 8-75971
- Pillai, M.G.** Krishna *see* Krishna Pillai, M.G.
- Pillai, P.K.C.**, Mendiratta, R.G., Pillai, C.K., Nath, R. Photo-induced AC impedance measurements in single crystal photoconductors 8-52034
- Pillay, R.G.** *see* Bedi, S.C. 8-52392
- Pilliar, R.M.**, Bratina, W.J., Blackwell, R.A. Fracture processes and fracture toughness in powder forged steels 8-72870
- Pillinger, C.T.**, Jull, A.J.T. Comments on: 'Is the Moon really as smooth as a billiard ball?' 8-61763
- Pillo, G.** *see* Di Pillo, G.
- Pillsticker, M.** *see* Broser, E. 8-50352
- Pil'nik, G.P.** A study of the system of universal time 8-65174
- Pil'nik, G.P.** Scientific problems and organization of the time observations 8-73616
- Pilo, D.**, Reik, W., Mayr, P., Macherauch, E. On the influence of mean stress on the fatigue behaviour of unalloyed steels 8-56721
- Pilotte, J.O.**, Winchester, J.W., Glassen, R.C. Detection of heavy metal pollution in estuarine sediments 8-73546
- Pil'shchikov, A.I.**, Zakharov, G.F. Spin-wave instability in ferrites on approaching FMR 8-76318
- Pil'shchikov, A.I.** *see* Kirov, S.A. 8-68293
- Pilt, A.A.**, Wheatley, C. A novel cluster model for ^{24}Mg as $^{16}\text{O}+^8\text{Be}$ 8-62495
- Pilt, A.A.** *see* Fortune, H.T. 8-78352, 8-82383
- Pilui, V.A.** The BUS-1 scan-control unit 8-53143
- Pilui, V.A.** An indicator of the working order of the electronic-acoustic circuits of a multi-channel ultrasonic inspection unit 8-92425
- Pilui, V.A.**, Reutova, T.I. Experimental investigation of the field of long piezoelectric transducers 8-49822
- Pilyankevich, A.N.**, Claussen, N. Toughening of BN by stress-induced phase transformation 8-80635
- Pilyankevich, A.N.**, Paderno, V.N., Klimenko, V.N., Maslyuk, V.A. An electron microscopic investigation of hard alloys based on chromium carbide 8-60610
- Pilyugin, N.N.** *see* Deev, A.A. 8-77457
- Pilyushenko, V.L.** *see* Fel'dman, E.I. 8-85071
- Pilz, V.** *see* Lovchikova, G. 8-89841
- Pilz, W.** *see* Guratzsch, H. 8-54751
- Pimenov, I.A.** *see* Kanonidi, Kh.D. 8-69287
- Pimenov, V.N.**, Gurov, K.P., Akkushkarova, K.A. Specific features of the analysis of interdiffusion during anomalous phase growth 8-55990
- Pimenov, V.N.**, Gurov, K.P., Khudyakov, K.I., Dol'nikov, S.S., Milievskii, R.A., Khlomov, V.S., Miller, Yu.G. Influence of current conditions on phase formation in diffusion layer 8-52826
- Pimenov, V.N.** *see* Gurov, K.P. 8-95156
- Pimenov, V.N.** *see* Khlomov, V.S. 8-91490
- Pimenov, V.P.** *see* Oraevskii, A.N. 8-50761
- Pimenov, Yu.D.** A study of the optical scheme of a three-mirror objective 8-55431
- Pimenov, Yu.D.** Characteristics of light absorption in photochemical reactions in aluminium hydride 8-56506
- Pimenov, Yu.D.**, Goryaev, M.A. Aluminium hydride as a model system for the investigation of photographic processes 8-89576
- Pimenov, Yu.V.** *see* Zakharov, Y.E. 8-58890
- Pimentel, G.C.** *see* Allamandola, L.J. 8-73120
- Pimentel, L.O.** *see* Obregon, O.J. 8-96576
- Pimmel, R.L.**, Tsai, M.J., Bromberg, P.A. Estimating V_s/Q distributions from inert gas data with an enforced smoothing algorithm 8-61208
- Pimpale, A.** *see* Mande, C. 8-92146
- Pimpale, N.S.** *see* Bhandi, D.P. 8-92519
- Pimshtein, P.G.**, Zhukova, V.N. Computing the stresses in a multilayer cylinder with consideration given to the characteristics of layer contact 8-63399
- Pin Ho** *see* Fu, C.M. 8-75939
- Pin-Chieh Hsu** *see* Tien-Ko Wang 8-78441
- Pina, E.** Binary elastic collision in velocity space. [Teaching] 8-61981
- Pinard, J.** *see* Huber, G. 8-78826
- Pinard, J.** *see* Jacquinet, P. 8-89449
- Pinard, J.** *see* Liberman, S. 8-86829
- Pinard, P.** *see* Ballard, B. 8-64121, 8-80049
- Pinard, P.** *see* Gauthier, R. 8-64474
- Pinatti, D.G.** *see* Arellano, M.E. 8-64252
- Pinatti, D.G.** *see* Boboshko, N. 8-76198
- Pinch, H.L.** *see* Balberg, I. 8-52487
- Pinchaux, R.** *see* Depaueux, C. 8-62271
- Pinchaux, R.** *see* Thiry, P. 8-84143
- Pinchemel, B.** *see* Appelblad, O. 8-82747
- Pinchin, D.J.**, Tabor, D. Inelastic behaviour in steel wire pull-out from Portland cement mortar 8-56681
- Pinchuk, V.M.** *see* Ilin, V.V. 8-82627
- Pincioli, F.** *see* Beduschi, A. 8-57035
- Pincioli, F.** *see* Boccato, C. 8-57115
- Pincock, D.G.**, Easton, N.W. The feasibility of Doppler sonar fish counting 8-50980
- Pincus, P.A.**, Elliott, R.A., Kerr, J.R. Conditional fading statistics of scintillation 8-66757
- Pincus, P.A.**, Fossey, M.E., Holmes, J.F., Kerr, J.R. Speckle propagation through turbulence: experimental 8-66758
- Pinczuk, A.**, Burns, G., Dacol, F.H. Linear coupling between soft optical and acoustical modes in ferroelastic BiVO_4 8-79716
- Pinczuk, A.**, Worlock, J.M., Nahory, R.E., Pollock, M.A. Lattice vibrations of $\text{In}_{1-x}\text{Ga}_x\text{AsP}_{1-y}$ quaternary compounds 8-91391
- Pinczuk, A.** *see* Abstreiter, G. 8-60472
- Pinczuk, A.** *see* Sai-Halasz, G.A. 8-64362
- Pinder, G.F.**, Frind, E.O., Celia, M.A. Groundwater flow simulation using collocation finite elements 8-93018
- Pinder, G.F.** *see* Huyakorn, P.S. 8-79366
- Pinder, G.F.** *see* Swain, L.A. 8-81263
- Pinder, G.F.** *see* Brebbia, C.A. (editor) 8-92867
- Pinder, L.W.** *see* Lees, D.J. 8-76794
- Pindera, J.T.**, Krishnamurthy, A.R. Characteristic relations of flow birefringence. Relations in transmitted radiation 8-56453
- Pindera, J.T.**, Krishnamurthy, A.R. Characteristic relations of flow birefringence. II. Relations in scattered radiation 8-60418
- Pindor, M.** Pade approximants and an electromagnetic form factor in Φ^4 model 8-74122
- Pindyurin, V.F.** *see* Barkov, L.M. 8-62671
- Pindzola, M.S.** Two-photon excitation of atomic oxygen 8-58641
- Pine, A.S.** Doppler-limited spectra of the C-H stretching fundamentals of formaldehyde 8-70831
- Pine, A.S.** IR spectroscopy via difference-frequency generation [computerized data processing] 8-90321
- Pineau, A.** *see* Bathias, C. 8-64701
- Pineau, A.** *see* Clavel, M. 8-64636
- Pineau, A.** *see* McLean, D. 8-72851
- Pineau, A.G.** *see* Stoltz, R.E. 8-84925
- Pinegina, T.Yu.** *see* Kraftmakher, Ya.A. 8-64027
- Pinelli, T.**, Berther, G., Bracco, G., Fossati, F., Torre, P. A ^6Li semiconductor sandwich neutron spectrometer with background discrimination by identification of reaction products 8-50431
- Pineri, M.** *see* Meyer, C.T. 8-83748
- Pines, A.**, Vega, S., Mehring, M. NMR double-quantum spin decoupling in solids 8-88227
- Pines, A.**, Vega, S., Ruben, D.J., Shattuck, T.W., Wemmer, D.E. Double quantum NMR in solids 8-76353
- Pines, D.** *see* Aldrich, C.H., III 8-91502
- Pinet, D.** *see* Bardet, R. 8-70634
- Pinet, M.**, Cerveille, B., Desnoyers, C. Reflectance, refractive indices and colour parameters of natural and synthetic proustites and pyrrargyrites: Genetic interpretation 8-95566
- Ping Cheng** *see* Johnson, C.H. 8-75199
- Ping Oh Kong** *see* Kong Ping Oh
- Ping Sheng** Low-field and high-field hopping conduction in granular metal films 8-56240
- Ping Sheng**, Sichel, E.K., Gittleman, J.I. Fluctuation-induced tunneling conduction in carbon-polyvinylchloride composites 8-52044
- Ping Sheng** *see* Abeles, B. 8-56241
- Pingot, O.** *see* Benot, M. 8-86731
- Pinheiro, M. de F.F.**, Rosenberg, H.M. Carbon-fibre reinforced composites with zero expansion in the low temperature range 8-83978
- Pinheiro, M.L.** *see* Wilson, J. 8-92740
- Pinho, A.G.** *see* De Pinho, A.G.
- Pini, M.G.** *see* Balucani, U. 8-56279, 8-80336
- Pink, D.A.**, Carroll, C.E. A model of cholesterol in lipid bilayers 8-56953
- Pink, D.A.**, Steinitz, M.O. Polarisation domain effects on ultrasonic velocity in antiferromagnetic chromium 8-52329
- Pinkel, D.**, Epstein, M., Udkoff, R., Norman, A. Fluorescence polarimeter for flow cytometry 8-73191
- Pinkel, D.** *see* Dean, P.N. 8-77162
- Pinkevich, I.P.** *see* Tsyashchenko, Yu.P. 8-92102, 8-92103
- Pinkley, L.W.**, Sethna, P.P., Williams, D. Optical constants of liquid methane in the infrared 8-64341
- Pinkley, L.W.** *see* Sethna, P.P. 8-68500, 8-72501
- Pinkstone, J.** *see* Barnes, C.E. 8-90193
- Pinna, E.** *see* Corrado, G. 8-65175
- Pinna, G.** *see* Caminiti, R. 8-78772
- Pinna, H.**, Kihn, Y., Sevely, J., Jouffrey, B. Electron counting by means of a Si(Li) detector. Application to EEL spectra recorded by HVM 8-54511
- Pinney, M.A.** *see* Bush, A.W. 8-81397
- Pinnick, H.W.** *see* Newton, M.G. 8-67703
- Pinnington, E.H.**, Donnelly, K.E., Kernahan, J.A., Irwin, D.J.G. Beam-foil spectroscopy of oxygen in the wavelength region from 270 to 490 Å 8-55223
- Pinnington, E.H.**, Irwin, D.J.G., Livingston, A.E., Kernahan, J.A., Gosselin, R.N., Berry, H.G. Mean-life measurements for some fluorine transitions in the quartz region 8-55224
- Pinnington, E.H.** *see* Donnelly, K.E. 8-90121
- Pinnow, D.A.**, Gentile, A.L., Standlee, A.G., Timper, A.J., Hobrock, L.M. Polycrystalline fiber optical waveguides for infrared transmission 8-74974
- Pinnow, D.A.**, Wysocki, J.A., Robertson, G.D. Hermetically sealed high strength fiber optical waveguides 8-66929
- Pinot, M.** *see* Abagam, A. 8-88226
- Pinot De Moira, P.** *see* Cox, A. 8-64860
- Pinsker, Z.G.** Dynamical scattering of X-rays in crystals 8-71628
- Pinsker, Z.G.** *see* Khitrova, V. 8-79906
- Pinski, F.J.**, Allen, P.B., Butler, W.H. Electron-phonon contribution to electrical resistivity and superconducting 'p-wave' transition temperature of Pd 8-80085
- Pinski, F.J.**, Campbell, C.E. Depolarization of light and pair-pair correlation of argon gas 8-63536
- Pinsky, L.** *see* Hudomalj-Gabitzsch, J. 8-70385
- Pinsky, S.S.** *see* Carruthers, P. 8-58125
- Pinsky, S.S.** *see* Frampton, P.H. 8-70259
- Pinson, L.J.**, Kulas, C.E. Contrast reduction of broadband optical signals by the atmosphere 8-69455
- Pinson, P.** *see* Dupre, J. 8-74713
- Pinston, J.A.** *see* Alexeev, V.L. 8-54721
- Pintar, M.M.** *see* Rustgi, S.N. 8-68983
- Pintard-Screpel, M.**, d'Yvoire, F., Remy, F. Polymorphism and ionic conduction of the phosphate $\text{Na}_2\text{Fe}_2(\text{PO}_4)_4$ 8-67678
- Pintchovski, F.**, Glaunsinger, W.S., Navrotsky, A. Experimental study of the electronic and lattice contributions to the VO_2 transition 8-88004
- Pinter, G.** Cryogenic supplies for the TFTR neutral beam line cryopanels 8-55027
- Pinto, J.P.** *see* Yung, Y.L. 8-65543
- Pinto, N.P.** *see* Wouch, G. 8-72753
- Pintschovius, L.**, Currat, R., Wendal, H. Acoustic phonons in polysulfur nitride, $(\text{SN})_x$ 8-79698
- Pintschovius, L.**, Reichardt, W., Scheerer, B. Lattice dynamics of TiC 8-55918
- Pinus, V.K.** *see* Iskol'dskii, A.M. 8-83226, 8-83917
- Piombo, B.** *see* Jacazio, G. 8-90701

- Piotrkiewicz, M. A study of surface electromyograms by means of digital simulation. I. The principles of a model of surface electromyogram 8-80862
- Piotrkiewicz, M. see Blinowska, K. 8-80863
- Piotrowski, Yu.A. see Kartazhev, V.A. 8-50627
- Piotrowski, A. see Kirchner, R. 8-70677
- Piotrowski, C., Tough, J.T. Helium II thermal counterflow: The effect of the vortex line drift velocity on the analysis of temperature difference data 8-51765
- Piotrowski, E. see Dzygadlo, Z. 8-51057
- Piotrowski, J., Piotrowski, T. Thermal figure of merit M^* limit for (CdHg)Te photoconductive detectors 8-89540
- Piotrowski, T. see Piotrowski, J. 8-89540
- Piotrkowski, R. see Pohoryles, B. 8-76109
- Piotukh-Peletskii, V.N. see Koptiug, V.A. 8-88624
- Pipa, V.I. see Boiko, I.I. 8-72180
- Pipberger, H.V. see Berson, A.S. 8-53544
- Pipberger, H.V. see Dunn, R.A. 8-81047
- Piper, D.E. see Bonesteel, R.M. 8-55598
- Piper, D.J.W. see Barnes, N.E. 8-77232
- Piper, D.Z. see Glassley, W.E. 8-65306
- Piper, J.A. Operation of CW metal-ion lasers using rare gas-metal halide discharges 8-50765
- Piper, J.A. A transversely excited copper halide laser with large active volume 8-59021
- Piperno, F. see Falcone, G. 8-76571
- Pipero, J. see Karadjov, D. 8-89775, 8-89776
- Pipinis, P.A. see Kiveris, A. Yu. 8-72616
- Pipinys, P.A. see Kiveris, A. Yu. 8-84228
- Pipkin, A.C. Energy changes in ideal fiber-reinforced composites 8-79274
- Pipkin, F.M. see Bauer, T.H. 8-74266
- Pipkin, F.M. see Bebek, C.J. 8-66128
- Pipkin, F.M. see Gordon, B.A. 8-82216
- Pipkin, F.M. see Kramer, P.B. 8-82686
- Pipkin, F.M. see Rosen, M.D.A. 8-84561
- Pipkin, F.M. see Snyder, J.G. 8-89738
- Pipman, J., Lipson, S.G., Landau, J., Bochner, N. Investigation of the dynamic behavior of ^3He - ^4He mixtures at low temperatures using holographic interferometry 8-51781
- Pipogov, E.N. see Svetlov, I.L. 8-92282
- Pippard, A.B. Magnetoresistance in inhomogeneous metals 8-56128
- Pipping, G. The chamber of physics 8-81789
- Pique, J.P., Dolino, G., Vallade, M. Electro-optic measurement of the order parameter of NH_4Cl 8-88280
- Piqueras, J. see Castano, J.L. 8-64095
- Piqueras, J. see Llopis, J. 8-56525
- Piquet-Pellorce, D. see Kahn, E. 8-61633
- Pira, K. see Persson, W. 8-50494
- Piradashvili, I.N. Vacancy relaxation phenomena in solid ^3He 8-95203
- Piragino, G. see Mach, R. 8-74403
- Piran, T. Cylindrical general relativistic collapse 8-93585
- Pirani, F. see Brunetti, B. 8-58768
- Pirart, C., Bosman, M., Leleux, P., Macq, P., Meulders, J.P. Odd-even differences in the elastic scattering of α particles by A=62-66 nuclei 8-50187
- Pirart, C. see Budzanowski, A. 8-66289
- Pirart, C. see Leleux, P. 8-70726
- Pirc, R. see Mokross, B.J. 8-71826
- Pirdzhanov, B. A generalization of semicontinuous random walk with discrete time 8-54302
- Pire, B. see Fontannaz, M. 8-82149
- Pireaux, J.J., Riga, J., Caudano, R., Verbit, J.J., Delhalle, J., Delhalle, S., Andre, J.M., Gobillon, Y. Polymer primary structures studied by ESCA and ECHO methods 8-52630
- Pireaux, J.J. see Riga, J. 8-52631, 8-52632
- Pires, P. see Lacombe, M. 8-70455
- Piret, P., Declercq, J.-P. Purcalite 8-55849
- Pirjola, R., Agrawal, M.C., Neelakanthaswamy, P.S., Gupta, K. Comments on 'Variation in the surface-charge density of an excitable nerve membrane exposed to optical radiation' [and reply] 8-85334
- Pirner, H.J. see Hachenberg, F. 8-70566
- Piro, O.E. see Castellano, E.E. 8-91311
- Pirodda, L. Optical differentiation of geometrical patterns 8-49875
- Pirogov, A.N. see Vokhmyanin, A.P. 8-88117
- Pirogov, B.Ya. see Masly, A.I. 8-51844
- Pirogov, S.M. see Georgievskii, Yu.S. 8-53702
- Pirogov, S.Ya. see Kleis, I.R. 8-95813
- Pirogov, V.A. see Nabich, V.K. 8-80562
- Pirogov, Yu.A. see Kozar, A.V. 8-78854
- Piron, C., Reuse, F. Relativistic dynamics for the spin $1/2$ particle 8-70001
- Piron, C. see Gunaydin, M. 8-69999
- Pironneau, O. see Bercovier, M. 8-62085
- Pironneau, O. see Glowinski, R. 8-86164
- Pirs, J., Shabaik, A.H. Fracture behaviour of nodular graphite iron at low temperatures 8-72875
- Pirs, J. see Cox, D.O. 8-77156
- Pirt, K.R. see Truman, J.E. 8-80668
- Pirumov, U.G. see Ruskol, V.A. 8-63509
- Piryatinskii, Yu.P. see Kilendritskii, D.D. 8-56521
- Piryatinskii, Yu.P. see Kolendritskii, D.D. 8-80416
- Pisanelli, D. The Lie first theorem in a locally convex space 8-77664
- Pisani, C. Approach to the embedding problem in chemisorption in a self-consistent-field-molecular-orbital formalism 8-71977
- Pisani, C. see Dovesi, R. 8-75937
- Pisani, J.F. see Landim, P.M.B. 8-61388
- Pisani, L. The opposition of photometric and dioptric factors in chromatic stereopsis 8-56986
- Pisano, D.J. see Bashkin, S. 8-78655
- Pisarenko, G.S., Galiev, Sh.U. Theory of non-linear interaction of deformable bodies with a pressure wave in liquid 8-65777
- Pisarenko, G.S., Lebedev, A.A. A criterion for strength of structural materials in complex stress state at low temperatures 8-71292
- Pisarenko, N.F. see Zakulov, P.V. 8-69624
- Pisarenko, N.F. see Velodovich, M.A. 8-69769
- Pisarenko, V.G. see Borshch, A.A. 8-79066
- Pisarev, R.V., Sini, I.G., Kuz'minov, E.G., Mylnikova, I.E. Raman scattering in the ferroelectric $\text{Cd}_2\text{Nb}_2\text{O}_7$ and other crystals with the pyrochlore structure 8-76441
- Pisarev, V.E. see Bashmakov, Yu.A. 8-78525
- Pisarev, V.E. see Tolubinskii, V.I. 8-83235
- Pisarevskii, V.E. see Goryunov, E.P. 8-78527
- Pisarski, R.D. see Stein, D.L. 8-56014
- Pischel, H.G. Telemetry in the service of environmental protection 8-93003
- Pishchik, V.V. see Dobrovinskaya, E.R. 8-68621
- Pishker, G.A., Gitelman, H.J., Appel, S.H. Myotonic muscular dystrophy: altered calcium transport in erythrocytes 8-80849
- Pisk, K., Ljubicic, A., Logan, B.A. Theoretical estimate of the probability of pair production in a decay 8-50133
- Piskarev, I.M. see Ishkhanov, B.S. 8-78573
- Piskareva, E.P., Erenburg, E.G., Poddubnyi, I.Ya. Molecular-mass distribution (MMD) parameters of alternating polycondensation block copolymers 8-73042
- Piskarskas, A. see Danelyus, R. 8-71150
- Piskarskas, A. see Ivanova, Z.I. 8-71151
- Pisklyak, Z.I. see Zhuk, I.T. 8-73002
- Piskorski, M., Muszynski, Z. Significance of GaAs solubility in Ga-Al alloys in multilayer LPE of $\text{AlGa}_{1-x}\text{As}$ 8-52660
- Piskorz, Z. Random vibrations of a beam on nonlinear spring support 8-55585
- Piskun, V.V., Savchenko, V.G., Shevchenko, Yu.N. Stressed state of compound rotor taking into account interference stresses 8-83342
- Piskunova, L.V. see Gaponov, V.A. 8-63156
- Pislar, I.G. see Deryabin, A.V. 8-60310
- Pislewski, N. see Stankowski, J. 8-60345
- Pismenny, V.D. see Andreyeva, M.N. 8-71609, 8-71610
- Pismenny, V.D. see Golubev, A.I. 8-71613
- Pismenny, V.D. see Zakharov, S.A. 8-75426
- Pismennyi, B.S. see Ivanchenko, V.A. 8-87991
- Pismennyi, S.V. see Leontev, V.G. 8-50751
- Pismis, P., Recillas-Cruz, E., Hasse, I. Internal motions in H II regions IV. The ring nebula NGC 2359 8-81678
- Pissarenko, N.F. see Kurt, V.G. 8-77446
- Pistenma, D.A., Li, G.C., Bagshaw, M.A. The desirability of treatment with multiple fields in charged heavy particle therapy 8-73220
- Pistilli, P. see Amaldi, E. 8-78222
- Pistolesi, M., Solfanelli, S., Guzzardi, R., Mey, M., Giuntini, C. Chest tomography by gamma camera and external gamma source 8-61250
- Pistorius, C.W.F.T., Clark, J.B., Coetzer, J., Kruger, G.J., Kunze, O.A. High-pressure phase relations and crystal structure determination for zinc phosphide, Zn_3P_2 , and cadmium phosphide, Cd_3P_2 8-59792
- Pistorius, C.W.F.T. see Heyns, A.M. 8-60446
- Pistoulet, B., Robert, J.L., Dusseau, J.M., Ensueque, L. Conduction mechanisms in amorphous and disordered semiconductors explained by a model of medium-range disorder of composition 8-79994
- Pistoulet, B. see Robert, J.L. 8-56162
- Pistre, J.D., Danto, Y., Salardenne, J., Saboya, B., Chemin, J.F. Comparative observation of ionic migration in $\beta\text{-PbF}_2$ and CaF_2 thin films by Rutherford scattering 8-55982
- Pistun, I.P., Tkachev, V.I. Accumulation of damage in low-cycle fatigue in working media 8-64649
- Pistunovich, V.I. see Bardakov, V.M. 8-87500
- Pisut, J. see Balek, V. 8-89673
- Pisut, J. see Cerny, V. 8-74222
- Piszczek, K. The effect of random excitation on harmonic oscillations of single-degree-of-freedom system 8-54175
- Pitaevskaya, L.L. see Vereshchagin, L.F. 8-51267
- Pitaevskii, L.P. see Iordanskii, S.V. 8-63893
- Pitchford, L.C. see Lee, F.W. 8-64823
- Pitchford, M.L. see Kreiss, W.T. 8-85751
- Pit'ev, N.P. see Agekyan, T.A. 8-65662, 8-69665
- Pitkanen, H.A.A. see Hanninen, H.E. 8-64786
- Pitkevich, G.G. see Erukova, T.A. 8-70187
- Pitkin, E.T. Perturbation solutions for variable energy blast waves 8-51192
- Pitman, G.L., Ward, I.M., Duckett, R.A. The effects of thermal pre-treatment and molecular weight on the impact behaviour of polycarbonate 8-95798
- Pitsch, W. see Neuhauser, H.J. 8-72785
- Pitt, B. see Thrall, J.H. 8-65119
- Pitt, C.W. Integrated optics-microwaveguiding applications for optical thin films 8-71234
- Pitt, E.G. Getting the measure of waves 8-69492
- Pitt, G.D. Solid state laser/fibre optic system for measuring oil in water 8-96301
- Pittel, S. see Federman, P. 8-74302, 8-78250
- Pittenger, L.C., Stone, R.R., Valby, L.E., Pedrotti, L.R. A neutral beam injection system for the Tokamak Fusion Test Reactor 8-54971
- Pitter, J., Vrobel, L., Masarik, V. Copper diffusion in gold coating under higher temperatures [electrical contacts] 8-91486
- Pittet, R. see Kruglak, H. 8-54138
- Pittner, L. see Gesztesy, F. 8-65811, 8-81872
- Pitts, D.E., McAllum, W.E., Heidt, M., Jeske, K., Lee, J.T., DeMonbrun, D., Morgan, A., Potter, J. Temporal variations in atmospheric water vapor and aerosol optical depth determined by remote sensing 8-65389
- Pitts, D.G. The ocular effects of ultraviolet radiation 8-80917
- Pitts, D.G., Cullen, A.P., Hacker, P.D. Ocular effects of near ultraviolet radiation: literature review 8-57042
- Pitts, D.R., Hewitt, H.C., McCullough, B.R. Heat transfer controlled collapse of a cylindrical vapor bubble in a vertical isothermal tube 8-90979
- Pitts, J.H., Brandt, H. Gas flow in a permeable Jahn formation containing a crack 8-61372
- Pitts, J.N., Jr. see Atkinson, R. 8-61001, 8-68873
- Pitts, J.N., Jr. see Graham, R.A. 8-68887
- Pittuck, D. see Krenz, W. 8-54624
- Pitul'ko, S.E. see Podgornii, A.N. 8-67022
- Pitz, E., Leinert, C., Schulz, A., Link, H. Ultraviolet zodiacal light observed by the Astro 7 rocket experiment 8-96427
- Pitz, E., Schulz, A. An instrument for the spectral radiance calibration of light sources in the VUV by means of the synchrotron radiation of the DESY machine 8-65954
- Pitz, E. see Hanner, M. 8-57634
- Pitzer, K.S. see Ermiler, W.C. 8-86800
- Piva, A. Finite elastic analysis of a shear crack problem 8-51119
- Pivrotto, T.J. Potentially high-energy copper halide laser 8-50807
- Pivkova, O.G. see Shinyayev, A.Ya. 8-60606
- Pivovarov, L.I. see Grogov, A.N. 8-80659
- Pivovarov, S.S. see Khalilov, V.Kh. 8-88344
- Pivovarova, L.V. see Koliomets, B.T. 8-80038
- Piwiński, A.J. see Duba, A. 8-61401
- Pixa, R. see Weill, A. 8-76729
- Pixton, R.M. see Kogan, R.M. 8-59088, 8-79071
- Piza, A.F.R. De Toledo see De Toledo Piza, A.F.R.
- Piza, A.F.R. de Toledo see de Toledo Piza, A.F.R.
- Piziali, R.L. see Koogler, T.A. 8-57155
- Pizzella, G. see Pallottino, G.V. 8-73915
- Pizzimenti, G. see Albramo, M.C. 8-59732
- Pizzini, S. see Burriesci, N. 8-52307
- Pizzini, S. see Franzosi, A. 8-64453
- Pizzini, S. see Mari, C.M. 8-80812
- Pizzo, V. Del see Del Pizzo, V.
- Pizzolati, P.L. see Dotti, D. 8-57116
- Plachenov, B.T. see Avdonin, V.P. 8-52561
- Plachenov, B.T. see Nechaev, A.F. 8-72605
- Placious, R.C., Moser, E.S., Holland, R.S., Masi, F. Status report. A standard method for determining the efficiency of fluorescent X-ray intensifying screens 8-69198
- Plafker, G., Hudson, T., Bruns, T., Rubin, M. Late Quaternary offsets along the Fairweather fault and crustal plate interactions in southern Alaska 8-88804
- Plakhotnikova, N.A. see Krasovskii, L.F. 8-60897
- Plakhov, D.D. see Vorob'ev, Yu.M. 8-90584
- Plakhtienko, N.P. An effect of Coulomb friction during non-equilibrium forced oscillations 8-67027
- Plakhtienko, N.P. On possibilities of asynchronous resonances in the self-maintained oscillatory systems 8-89327
- Plakhtii, V.P. see Kovalev, A.V. 8-68465, 8-72331
- Plakida, N.M. see Stamenkovic, S. 8-68461

- Plakunova, V.G.** Photogeneration of the two-vector transmembrane gradient of protons in the cells of *Halobacterium halobium* R₁ 8-80845
- Plambeck, R.L.** Measurements of atmospheric attenuation near 225 GHz: Correlation with surface water vapor density 8-85624
- Plane, D.E.** see Citron, A. 8-89589
- Planetat, R.** see Budzanowski, A. 8-66289
- Planiol, T., Itti, R., Pellosi, A., Brochier, M.** Topographic relation between the myocardial uptake of radiothallium and left ventricular kinetics in myocardial infarction 8-61243
- Plankey, F.W.** see Lipari, F. 8-70190
- Planner, C.W.** Numerical solutions to the non-linear phase equation for the free electron laser 8-87035
- Planovskii, A.N.** see Rudobashta, S.P. 8-53255
- Plant, G.R.** see Davies, W.L. 8-96109
- Plant, R.E., Horowitz, J.M.** Simulation of coupling between chemical reactions and ion transport in brown adipose tissue using network thermodynamics 8-92606
- Plant, T.K.** see Popa, A.E. 8-87164
- Plant, W.J., Keller, W.C., Wright, J.W.** Modulation of coherent microwave backscatter by shoaling waves 8-57212
- Plantinga, D.H.** see Sleswsky, A.W. 8-84892
- Plantz, R.** see Kuhl, W. 8-79174
- Plas, A.V.D.** see Nijweide, P.J. 8-65089
- Plaschko, P.** Magnetohydrodynamic instability of quasi-parallel plane jets 8-83495
- Plasil, F.** Deexcitation of compound nuclei with high angular momenta 8-50146
- Plasil, F., Ferguson, R.L., Britt, H.C., Stokes, R.H., Erkkila, B.H., Goldstone, P.D., Blann, M., Gutbrod, H.H.** Measurement of the energy division versus mass in highly damped reactions 8-54797
- Plaskett, T.S.** see Matthews, J.W. 8-83818
- Plass, G.N., Humphreys, T.J., Kattawar, G.W.** Color of the ocean 8-61421
- Plass-Link, A.** see Luttmann, A. 8-85409
- Plastinin, V.M.** On the β criterion of brittle fracture of BCC monocrystals 8-56732
- Plastino, A.** see Dohnert, L. 8-54296
- Platchkov, S.** see Couvert, P. 8-78383
- Platchkov, S.K.** see Bellicard, J.B. 8-54669
- Platikanova, V., Malinowski, J.** Neutralization of trapped photoholes in AgBr 8-76108
- Platikanova, V., Starbova, K.** Model formation of latent image centers 8-62253
- Platisa, M., Dimitrijevic, M.S., Konjevic, N.** Stark broadening of Ne II lines 8-66504
- Platisa, M., Konjevic, N.** Stark broadening of Ne II lines 8-7469
- Platisa, M.** see Popovic, M.V. 8-87448
- Platner, E.D.** see Etkin, A. 8-89743
- Plato, M.** see Biehl, R. 8-58580
- Plato, M.** see Fey, H.-J. 8-55190
- Plato, M.** see Mayas, L. 8-90195
- Plato, P.** Testing and evaluating personal dosimetry services in 1976 8-53498
- Platonenko, V.T.** see Dzhdzhoev, M.S. 8-53233
- Platonov, M.P., Frenkel', S.Ya.** Macromolecular and geometric characteristics of a polymer drop on a solid surface 8-51802
- Platonov, V.G.** see Asratyan, A.E. 8-62389
- Platovskikh, Yu.A.** see Shishin, B.P. 8-86574
- Platt, C.M.R.** Lidar backscatter from horizontal ice crystal plates 8-92984
- Platt, E.** see Dixon, M. 8-58586
- Platte, H.-J.** see Laws, P. 8-61286
- Platten, J.K.** see Luijckx, J.M. 8-94644
- Plattner, E.** see Nguyen Trong Thinh 8-73049
- Platygina, E.V.** see Pietrzak, K.A. 8-86560
- Platz, P.** see Adam, J. 8-71473
- Platzcek, A.M.** see Agudin, J.L. 8-58902, 8-78903, 8-82881
- Platzter, M.F., Simmons, J.M., Brehmhorst, K.** Entrainment characteristics of unsteady subsonic jets 8-63470
- Platzter, M.F.** see Simmons, J.M. 8-63467
- Platzman, P.M.** see Kincaid, B.M. 8-56551
- Platzman, P.M., Halperin, B.I.** Effect of a parallel magnetic field on interband transitions in two-dimensional systems 8-87835
- Platzman, P.M.** see Fukuyama, H. 8-60005, 8-60073
- Platzman, P.M.** see Meixner, A.E. 8-52606, 8-92155
- Platzman, P.M.** see Mills, A.P., Jr. 8-95079
- Play, D.** Testing alloys for use in heat treatment furnaces 8-95900
- Playford, K.** see Cambray, R.S. 8-82535
- Plebanski, J.F.** see Finley, J.D., III. 8-54104
- Plefka, T.** see Seipier, D. 8-52346
- Pleissner, K.-P., Haenel, S., Trepte, P.** Enhancement of electron microscopic images by a method of digital image processing 8-89599
- Pleissner, K.-P., Lucius, H., Smettan, G.** Acquisition and processing of measurement data from stopped flow and temperature jump apparatus with the KRS-4200 minicomputer 8-53190
- Plekhanov, L.P.** The approximation error and the energy distribution in a reactor 8-82476
- Plekhanov, V.G., O'Connell-Bronin, A.A.** Polariton emission in LiH, LiD, and NaI single crystals 8-52564
- Plekhanov, V.G., O'Connell-Bronin, A.A., Betenekova, T.A.** Characteristics of the exciton-phonon interaction and anisotropy of excitons in cubic LiH and LiD crystals 8-72083
- Plekhanov, V.G., O'Connell-Bronin, A.A.** Resonance Raman scattering in LiH and LiD wide-gap dielectrics 8-52503
- Plekhanov, V.G.** see Lushchik, Ch.B. 8-72574
- Plekhanov, V.G.** see O'Connell-Bronin, A.A. 8-88363
- Plemons, T.D.** see Lord, G.E. 8-50983
- Plendi, H.S.** see Funsten, H.O. 8-89912
- Plendi, H.S.** see Lind, V.G. 8-89913
- Plenkiewicz, P.** see Dowgiallo-Plenkiewicz, B. 8-63980
- Plenyuk, M.P.** see Semenyuk, V.V. 8-90710
- Plesek, J.** see Subrtova, V. 8-87649
- Plesko, S., Kind, R., Roos, J.** Structural phase transitions in CsPbCl₃ and RbCdCl₃ 8-83943
- Plesko, S.** see Kind, R. 8-63855
- Pless, I.** see Heller, M. 8-70689
- Pless, W.M., Bailey, C.D., Hamilton, J.M.** Acoustic emission detection of fatigue crack growth in a production-size aircraft wing test article under simulated flight loads 8-60925
- Plessiet, M.S., Prosperetti, A.** The contribution of latent heat transport in subcooled nucleate boiling 8-75046
- Plessis, M.P.** du see du Plessis, M.P.
- Plessis, P. de V.** du see du Plessis, P. de V.
- Plesskie, V.P.** see Gulyaev, Yu.V. 8-79872
- Plesskii, V.P.** see Gulyaev, Yu.V. 8-50970, 8-87855
- Pletcher, R.H.** see Hwang, S.S. 8-90907
- Pletcher, R.H.** see Malik, M.R. 8-94718
- Pletnev, R.N.** see Zolotuhina, L.V. 8-52367
- Pletyushkin, V.A.** see Meskhishvili, A.I. 8-68148
- Plew, L.** see McLevige, W.V. 8-79898, 8-84213
- Plexico, P.S., Songco, D.C., Ostrow, H.G.** Microcomputers in biomedical and clinical applications 8-73283
- Plichta, M.R., Aaronson, H.I., Perepezhko, J.H.** The thermodynamics and kinetics of the $\beta \rightarrow \alpha_m$ transformation in three Ti-X systems 8-84795
- Plichta, M.R.** see Aaronson, H.I. 8-52815
- Plieth, W.J., Gruschinske, P., Hensel, H.-J.** Electrochromic changes of light absorption by the electric field of the electrolytic double layer 8-84551
- Plieth, W.J.** see Hensel, H.J. 8-68580
- Plight, M.** The rapid calculation of the optical transfer function for on-axis systems using the orthogonal properties of Tchebycheff polynomials 8-90386
- Plinate, P.** see Adam, J. 8-71473
- Plinate, P.** see Deif-Cas, R. 8-55760
- Plindov, G.I., Pogrebnya, S.K.** On the interaction potential between two equal ions 8-94300
- Pliner, Yu.L.** see Besspal'kova, I.A. 8-60598
- Plis, Yu.A., Soroko, L.M.** Lamb shift polarimeter of slow-proton beams 8-78031
- Plischke, M.** see Bhattacharjee, A.K. 8-84406
- Pliva, J.** see Schwartz, C. 8-72676
- Pljushchev, V.A.** see Shabrato, G.S. 8-82359
- Plomp, R.** Auditory handicap of hearing impairment and the limited benefit of hearing aids 8-53424
- Plomp, R.** A calculation model of the ability of the hard-of-hearing to understand speech 8-73165
- Plonka, A.** see Kroh, J. 8-76889
- Plonsey, R.** see Collin, R.E. 8-64915
- Ploog, K., Dohler, G.H.** Doping structures in gallium arsenide layers. Production and application in devices. II 8-95064
- Ploog, K., Fischer, A.** Surface segregation of Sn during MBE of n-type GaAs established by SIMS and AES 8-72031
- Ploog, K.** see Abstreiter, G. 8-76439
- Ploog, V.K.** Molecular beam epitaxy—principle and application to device fabrication 8-68630
- Ploom, L.A.** see Lushchik, Ch.B. 8-91359
- Ploszajczak, M., Faessler, A., Leander, G., Nilsson, S.G.** Description of the yast traps at very high angular momenta 8-70426
- Ploszajczak, M., Toki, H., Faessler, A.** Very high spin states in spherical and transuranic nuclei 8-50079
- Ploszajczak, M., Toki, H., Faessler, A.** Rotation of nuclei around a prolate symmetry axis at very high spin states 8-70431
- Ploszajczak, M.** see Faessler, A. 8-54712, 8-62496, 8-70432
- Plotkin, A.** High-frequency subsonic flow past a pulsating thin airfoil 8-71348
- Plotkin, H.** Edward C. Pickering, the Henry Draper Memorial, and the beginnings of astrophysics in America 8-86102
- Plotnichenko, V.G., Golubev, L.V., Vodop'yanov, L.K.** Raman scattering spectra of CdTe_{1-x}Se_x crystals 8-60450
- Plotnichenko, V.G., Mityagin, Yu.A., Vodop'yanov, L.K.** Investigation of fundamental vibrations in CdSe by Raman scattering and infrared reflection methods 8-60451
- Plotnichenko, V.G.** see Mityagin, Yu.A. 8-67788
- Plotnikov, A.L.** see Boiko, V.I. 8-72967
- Plotnikov, A.V.** Refraction of radio waves during radio transillumination of planetary atmospheres 8-96413
- Plotnikov, G.S.** see Zabolot, V.M. 8-91775
- Plotnikov, I.Ya.** Simplest physical model of a magnetohydrodynamic generator 8-71548
- Plotnikov, M.A.** see Antanovich, A.A. 8-81947
- Plotnikov, R.I.** see Velichko, Yu.I. 8-61108
- Plotnikov, S.V., Rozum, E.I., Kuzminikh, V.A., Vorobiev, S.A.** Channeling effect of fast electrons on the luminescence yield of NaCl:Ti crystals 8-84646
- Plotnikov, V.G., Dolgikh, B.A.** Processes of internal conversion in aromatic impurity molecules 8-82776
- Plotnikova, M.V.** see Gagulin, V.V. 8-76397
- Plotnikova, M.V.** see Galyanov, B.Sh. 8-59803
- Plotnikova, M.V.** see Mitrofanov, K.P. 8-94160
- Plotnitchenko, V.G.** see Vodop'yanov, L.K. 8-60433
- Plougonven, C., Leroy, B., Arhan, J., Lecuiller, A.** Ring-shaped stacking faults induced by oxide precipitates in silicon 8-67723
- Plouin, F., Duflo, J., Goldzahl, L., Bizard, G., Bonthonneau, F., Cottereau, M., Laville, J.L., Le Brun, C., Lefebvres, F., Malherbe, J.C., Regimbart, R.** Observation of the ABC effect in the reaction $n+p \rightarrow d + (\pi\pi)^0$ with a 1.88 GeV/c neutron beam 8-74364
- Plouin, F.** see Berger, J. 8-70525
- Plouin, F.** see Bizard, G. 8-54643
- Ploumbidis, D.** see Buckdich, R. 8-80232
- Ploumen, P., Strickmann, G., Winske, P., Moraw, G., Szeless, A.** Temperature distribution in the ultimate storage of high level waste 8-86631
- Ploumhans, M.Th., Navez, B.** New sensitometric studies of pure AgBr vacuum evaporated thin films 8-78010
- Plovnick, R.H.** see Li, P.W. 8-92193
- Pluhar, J.** see Benes, V. 8-64628
- Plukarov, Yu.M.** see Pelyashek, E. 8-59950
- Plumb, I.C.** see Haydon, S.C. 8-79485
- Plumb, R.A.** The interaction of two internal waves with the mean flow: implications for the theory of the quasi-biennial oscillation 8-69404
- Plumb, R.S., Glaeser, W.A.** Wear prevention in molds used to mold boron filled elastomers 8-64728
- Plumbridge, W.J.** Problems associated with early stage fatigue crack growth 8-56758
- Plumbridge, W.J.** see Bartlett, R.A. 8-64673
- Plumelle, P.** see Vandevyver, M. 8-51633
- Plumelle, P.** see Zigone, M. 8-76472
- Plumer, R.** see Heller, M. 8-70689
- Plumier, R., Esteve, D., Lecomte, M., Sougi, M.** Neutron diffraction investigation of a highly anisotropic garnet: Ca₂Mn₂Ge₂O₁₂ 8-68168
- Plummer, B.P.** see Massey, G.A. 8-82980
- Plummer, E.W.** see Allyn, C.L. 8-86750
- Plummer, E.W.** see Gustafson, T. 8-95672
- Plummer, J.D., Swartz, R.G., Maginness, M.G., Beaudouin, J.R., Meindl, J.D.** Two-dimensional transmit/receive ceramic piezoelectric arrays: Construction and performance 8-87223
- Plummer, J.D.** see Ho, C.P. 8-56793
- Plummer, J.D.** see Johannessen, J.S. 8-84303
- Plummer, J.D.** see Meindl, J.D. 8-72049
- Plummer, M.J.** see Ralph, J.E. 8-64056
- Plumtree, A., Persson, N.-G.** Creep-fatigue interaction in an austenitic Fe-Ni-Cr alloy at 600°C 8-64672
- Plumtree, A., Swaminathan, V.P.** Fatigue crack propagation in TRIP steels 8-64696
- Plumtree, A.** see Abdel-Raouf, H. 8-64616
- Plunkett, J.R., Houlihan, T.M.** MIDAS—a microprogrammable integrated data acquisition system 8-77374
- Plurien, P.** see Frejacesques, C. 8-66361
- Pluth, J.J.** see Schlenker, J.L. 8-51509
- Pluvigne, J.** see Bathias, C. 8-64701
- Pyasheshnikov, A.V.** see Lagutin, A.A. 8-65472
- Pyasheshnikov, A.V.** see Uchaikin, V.V. 8-65471
- Pyashkevich, L.N.** see Durmanov, S.T. 8-87055
- Pyasova-Bakounina, T.A., Golikov, Yu.V., Troitskaya, V.A., Hedgecock, P.C.** Pulsations in the solar wind and on the ground 8-65476
- Plyatsko, G.V.** see Bobitskii, Ya.V. 8-52074, 8-56226
- Plyuiko, V.A.** Angular and energy distributions of nuclear reaction products in the excitation model 8-54736
- Plyuiko, V.A.** see Ezhov, S.N. 8-78386
- Plyusnin, V.F., Baranov, S.M., Bazhin, N.M.** Quantum yield and photosensitivity of a silverless photographic process 8-49934

- Plyusnina, L.A.** *see* Gelfgat, Yu.M. 8-94843
- Plyuyko, V.A.**, Prokopets, G.A. Emission of γ -rays in the exciton model 8-62539
- Pneuman, G.W.**, Kopp, R.A. Downflow in the supergranulation network and its implications for transition region models 8-61838
- Po-ming Shi *see* Shi Po-ming
- Po-tsang Li *see* Li Po-tsang
- Poate, J.M.** *see* Bean, J.C. 8-84078
- Poate, J.M.** *see* Celler, G.K. 8-55810
- Poate, J.M.** *see* Chen, H.S. 8-55983
- Poate, J.M.** *see* Crider, C.A. 8-72733
- Poate, J.M.** *see* Cullis, A.G. 8-71709
- Poate, J.M.** *see* Venkatesan, T.N.C. 8-91354
- Pobedinskaya, E.A.** *see* Karpov, O.G. 8-63738
- Pobedinskaya, E.A.** *see* Malinovskii, Yu.A. 8-83800
- Pobell, F.** *see* Buchal, C. 8-89478
- Pobell, F.** *see* Culetto, F.J. 8-52141
- Pobell, F.** *see* Mueller, R.M. 8-54377
- Poborski, S.J.** On extraterrestrial causes of the Earth's dynamic processes and extinction of life 8-92820
- Pobyn'tsev, E.S.** *see* Kuznetsov, V.M. 8-80181
- Pocanic, D.**, Cindro, N. A semiempirical prediction of the occurrence of resonances in heavy ion reactions 8-74307
- Pochan, J.** *see* Froix, M. 8-76336
- Pochelon, A.** *see* Keller, R. 8-75379
- Pocholle, J.P.** *see* Jeunhomme, L. 8-63173
- Pochtarev, V.I.**, Pil', G.L. Investigation of the error in the analytic representation of the magnetic declination field at heights near the surface of the Earth 8-73307
- Pocker, A.** *see* Kupal, E. 8-87883
- Pockrand, I.**, Swalen, J.D., Gordon, J.G., II, Philpott, M.R. Surface plasmon spectroscopy of organic monolayer assemblies 8-64424
- Pockrand, I.** *see* Brillante, A. 8-80372
- Pocobelli, G.** Orbit function in the Dupree-Weinstock theory of plasma turbulence 8-67353
- Pocock, G.** *see* Jones, J.B. 8-80700
- Pocock, M.** *see* Hitchcock, A.P. 8-62934
- Pocsik, G.** Quark confinement and conservation laws in bilocal field theories 8-74120
- Pocsik, G.** *see* Lendvai, E. 8-50041
- Pocsik, I.** *see* Racz, P. 8-64986, 8-64987
- Podá, G.A.** *see* Hall, R.M. 8-73259
- Podanchuk, D.V.** *see* Kurashov, V.N. 8-58952
- Podbielski, R.** *see* Kaatz, U. 8-52437
- Podchernyayeva, I.A.** *see* Kondrashov, A.I. 8-60542
- Podda, L.** *see* Longo, V. 8-92248
- Poddar, S.K.**, Kleinsmith, P., Forsman, W.C. A high-frequency rheometer 8-83345
- Poddubnyi, I.Ya.** *see* Piskareva, E.P. 8-73042
- Poderno, Yu.B.** *see* Vitebskii, I.M. 8-88119
- Podest, M.**, Klima, J., Stecher, P., Stecherova, E. UO₂ and Zr gamma radiation attenuation coefficients measurement for the correction of burn-up determination on material selfabsorption 8-82597
- Podgaetskii, E.M.** Construction of an approximation for the solution of a nonlinear integral equation with error estimation, for problems in heat or mass transfer 8-57879
- Podgaetskii, V.M.** Flashlamp pumping of lasers. II 8-63123
- Podgorkova, V.N.** Properties of metal-glass materials alloyed with copper 8-72912
- Podgornaya, M.I.** *see* Koptiug, V.A. 8-88624
- Podgornii, A.N.**, Varshavskii, I.L., Mitrofanov, A.S., Sinegubova, E.V., Pitul'ko, S.E., Lavoshnik, A.S. On the application of LaNi₃ as a hydrogen storage system for heat engines 8-67022
- Podgorny, I.M.**, Dubinin, E.M., Potanin, Yu.N. The magnetic field on the magnetospheric boundary from laboratory simulation data 8-57396
- Podgorodetskii, E.K.** *see* Timofeeva, V.G. 8-49929
- Podgurskaya, A.V.** *see* Basina, Yu.V. 8-93063
- Podini, P.** *see* Bucci, C. 8-74679
- Podini, P.** *see* Lenzi, G. 8-55111
- Podjarny, A.D.** *see* Castellano, E.E. 8-91311
- Podkin, Yu.G.**, Fedingin, E.I. Expansion of Q-meter range 8-74023
- Podlovchenko, T.L.** *see* Kamenev, L.V. 8-89493
- Podmoshenskaya, S.V.** *see* Kalmakov, A.A. 8-74072
- Podmoshenskaya, S.V.** *see* Vorypayeva, N.S. 8-91183
- Podmoshenskii, I.V.** *see* Volkova, G.A. 8-83518, 8-93688
- Podmoshenskii, I.V.** *see* Vorypayeva, N.S. 8-83597
- Podmoshenskii, I.V.** *see* Vorypayeva, N.S. 8-91183
- Podobeda, L.G.** *see* Mazae, V.A. 8-60635
- Podobedov, V.B.**, Pyndyk, A.M., Sterin, Kh.E. Study of vibrationally excited nitrogen by high-speed Raman spectroscopy 8-82740
- Podobedov, V.B.** *see* Denisov, V.N. 8-66557, 8-87102
- Podobedov, V.N.** *see* Denisov, V.N. 8-94409
- Podol'skii, V.V.**, Karpovich, I.A., Zvonkov, B.N., Kolesov, E.E. Hall mobility of holes in CdSnP₂ single crystals 8-52015
- Podoprigorov, V.S.** *see* D'yakonov, V.P. 8-86253
- Podor, B.**, Mojzes, I., Szentpali, B. Characterization of GaAs epitaxial layers and diode chips for microwave device purposes 8-91791
- Podosenov, P.B.** *see* Kuz'menkov, L.S. 8-73904
- Podraza, B.L.**, Darley, F.L. Effect of auditory prestimulation on naming in aphasia 8-65058
- Podstrigach, Ya.S.**, Piddubnyak, O.P., Grilit'skii, D.V. Diffraction of a pointed sound pulse on an acoustically soft sphere 8-90547
- Podtelezchnikov, A.A.** *see* Il'inskiy, A.I. 8-60717
- Podgolinikova, T.A.** *see* Shkolnik-Yarros, E.G. 8-56968
- Podus, G.N.** *see* Ali, A.A. 8-79615
- Podval'nyi, V.G.** *see* Voropinov, A.I. 8-72103
- Podvigin, N.F.** *see* Gusev, V.M. 8-64989
- Podvysotskii, A.M.**, Shraiber, A.A. Influence of the angle of incidence of colliding drops on their dynamic interaction 8-83461
- Podymynogin, A.A.**, Tauber, M.V. Production of a homogeneous magnetic field in the GOL-1 device 8-67402
- Podymynogin, A.A.** *see* Burmasov, V.S. 8-75372
- Podzimek, O.** *see* Brouwer, G.F. 8-54434
- Poe, R.T.** *see* Choi, B.H. 8-78768, 8-78786
- Poe, R.T.** *see* Register, D.F. 8-86933
- Poe, R.T.** *see* Shan, Y. 8-80722
- Poeck, D.** *see* Brasse, F.W. 8-78194
- Poehls, K.A.** Inter-arc basins: a kinematic model 8-81127
- Poelgeest, A.** *see* van Poelgeest, A.
- Poelgeest, A.** *see* van Poelgeest, A.
- Poelsma, B.** *see* van Asselt, W.K. 8-55095
- Poelz, G.** *see* Brandelik, R. 8-62416
- Poenaru, D.N.** Instability against fission of rotating nuclei from heavy ions collision 8-50150
- Poenaru, D.N.**, Ivascu, M. Potential energy surfaces for heavy ion reactions 8-86547
- Poenaru, D.N.** *see* Ivascu, M. 8-58260
- Poenaru, V.** *see* Bouligand, Y. 8-79523
- Poerschke, R.**, Wollenberger, H. Defect production and interdiffusion in electron irradiated α -brass 8-67739
- Poet, R.** The exact solution for a simplified model of electron scattering by hydrogen atoms 8-86954
- Poeti, G.**, Fanelli, E., Braghetti, M. Liquid crystalline phase in 4-acetyl-4'-n-alkanoyloxyazobenzenes 8-59745
- Pogarev, D.E.** *see* Belousov, M.V. 8-49915
- Poggi, G.**, Marconi, G.C. An EPR study of the radicals produced by γ -irradiation of acenaphthene single crystals 8-84483
- Poggio, T.** *see* Marr, D. 8-53413
- Pogliano, U.** *see* Arri, E. 8-89502
- Pogodina, T.E.** *see* Bershtein, V.A. 8-51451
- Pogorelov, V.E.** *see* Buyan, G.P. 8-70879
- Pogorelov, Yu.G.** Cluster property in a classical canonical ensemble 8-49752
- Pogorelyi, A.N.**, Lesnik, N.A. Relaxation of the nuclear magnetization of ferromagnetic films at 77-500K 8-60352
- Pogorelyi, P.A.** Electron energy distribution in a hollow-cathode Ne-H₂ discharge 8-71573
- Pogorzelska, J.** Ageing effects in rutile ceramics 8-52869
- Pogorzelski, R.J.** On the numerical computation of scattering from inhomogeneous penetrable objects 8-66719
- Pogosyan, A.S.** *see* Vendik, I.B. 8-60133
- Pogosyan, M.Z.** *see* Manukyan, N.V. 8-88494
- Pogosyan, S.K.** *see* Minlos, R.A. 8-70049
- Pogosyan, Ya.M.**, Pet'sold, D. Diffraction method of determining thickness of ferromagnetic films in an electron microscope 8-86392
- Pogosyan, Ya.M.**, Shakaryan, L.L., Tovmasyan, L.N. The streaming of domain walls in thin Permalloy films 8-72380
- Pogrebnya, S.K.** *see* Plindov, G.I. 8-94300
- Pogrebnyak, A.D.** *see* Golub, V.P. 8-64801
- Pogrebnyak, S.V.** *see* Baisa, D.F. 8-88218
- Pogrebnyak, V.G.**, Toryan, A.I. Apparatus for measuring glass-transition point of polymers and their solutions [using vibration measurements] 8-71842
- Pogrebnyak, Yu.F.** *see* Zaguzin, V.P. 8-85278
- Pogson, I.** An electronic dual thermometer 8-65925
- Pogson, R.** *see* McIlwain, A. 8-70660
- Pogutse, O.P.** *see* Abramov, V.A. 8-71520
- Pogutse, O.P.** *see* Parail, V.V. 8-87480
- Poh Bo-Long** *see* Bo-Long Poh
- Pohl, B.** *see* Sidhu, G.S. 8-50234
- Pohl, D.** Electronic polarizabilities of ions in doubly refracting crystals 8-79551
- Pohl, D.W.** Forced thermal scattering as a tool for the study of excitations in the hydrodynamic regime 8-80371
- Pohl, H.A.**, Pollock, K. Electrode geometries for various dielectrophoretic force laws 8-88640
- Pohl, H.A.** *see* Crane, J.S. 8-88699
- Pohl, H.-J.** *see* Hofmann, C. 8-79084, 8-90374
- Pohl, M.** *see* Krenz, W. 8-54624
- Pohl, R.** *see* Hausler, E. 8-83502
- Pohl, R.O.** *see* Stephens, J.J., Jr. 8-54833
- Pohlchen, R.** *see* Huguette, M. 8-50349
- Pohlentz, O.**, von Stromberg, G. Planning standards for X-ray departments in General Hospitals depending on the workload 8-92741
- Pohlentz, O.** *see* Bartelt, D. 8-73284
- Pohlmeyer, K.** *see* Eichenherr, H. 8-54210
- Pohlmeyer, K.** *see* Luscher, M. 8-62300
- Pohoryles, B.**, Piotrkowski, R. Effect of hydrostatic pressure on the photoconductivity of plastically deformed n-type germanium 8-76109
- Pohoryles, S.** *see* Gisser, M. 8-61454
- Poikolainen, T.** *see* Ellegaard, C. 8-74331
- Poikolainen, T.** *see* Julin, R. 8-70715
- Point, J.J.** Morphology and mutual dependence of lamellas in bulk and oriented linear high polymer samples 8-51434
- Pointer, M.R.** Colourfulness: a new concept 8-56996
- Pointon, A.J.** *see* Elwell, D. 8-57710
- Pointu, A.M.**, Fitaire, M. Method for the measurement of the mean ionizing cross-section of fast particles and of the corresponding charge produced 8-78577
- Pointu, B.** *see* Poncet, P. 8-64850
- Poiree, B.** Linear acoustic equations in a perfect fluid at rest and with piecewise indefinitely differentiable characteristics 8-55488
- Poirier, J.** *see* Girardin, J. 8-60751
- Poirier, J.A.**, Rey, C.A., Volk, R.T., Wojlaw, R.J. Experiences with proportional wire chambers 8-70699
- Poirier, J.P.** Is power-law creep diffusion-controlled? 8-52890
- Poirier, J.P.**, Vergobbi, B. Splitting of dislocations in olivine cross-slip controlled creep and mantle rheology 8-61406
- Poirier, R.A.** *see* Daudel, R. 8-94187
- Poitou, J.**, Lucas, R., Girard, J., Nifenecker, H. A beam time saving technique for measuring excitation functions in heavy ion reactions 8-70721
- Poizat, J.C.** *see* Gaillard, M.J. 8-70920, 8-74752
- Pokatilov, E.P.** *see* Beril, S.I. 8-60020
- Pokatilov, E.P.** *see* Fomin, V.M. 8-71818
- Pokatilov, E.P.** *see* Klyukanov, A.A. 8-72414, 8-72417
- Pokatilov, V.S.**, Puzei, I.M., Ivanov-Smolenskii, G.A., Kulagin, B.N., Kornienko, B.A. Ferromagnetic resonance line width of Ni-Fe-Mn spin crystals 8-72418
- Pokhmurskii, V.I.** *see* Bilyi, L.M. 8-56800
- Pokhodnya, I.K.** *see* Trefilov, V.I. 8-68788
- Pokhotelov, O.A.** *see* Meerson, B.I. 8-79424
- Pokhotelov, O.A.** *see* Mikhailovskii, A.B. 8-51299
- Pokidyshev, V.V.**, Rybakova, E.V., Stegnukhina, L.V., Fedorov, V.N., Shapovalov, E.T., Yakovleva, E.F. Phase composition of type Kh20N40 alloys 8-60650
- Poklonskii, N.A.**, Stelmakh, V.F., Tkachev, V.D., Voitkov, S.V. Screening of electrostatic fields in semiconductors by multi-charged defects 8-79959
- Poko, Z.** *see* Kemeny, T. 8-60119
- Pokoeva, V.A.** *see* Malkovich, R.Sh. 8-59982, 8-75886
- Pokora, L.** *see* Denus, S. 8-83614, 8-83615
- Pokorny, P.** *see* Knittl, Z. 8-90486
- Pokorski, S.** *see* Krolkowski, J. 8-86457
- Pokrovskaya, N.G.**, Potak, Ya.M. Even elongation of stainless steels 8-52926
- Pokrovskaya-Soboleva, A.S.**, Shapiro, A.L., Razgoulyayeva, V.I., Borisova, T.S. The dependence of breakdown voltage on adsorbed gases 8-75465
- Pokrovskaya-Soboleva, A.S.** *see* Shapiro, A.L. 8-75466
- Pokrovskii, A.D.**, Khvalebnov, Yu.P. Analysis of the higher harmonic signals of measuring transducers 8-70109
- Pokrovskii, A.D.** *see* Sukhorukov, V.V. 8-88607
- Pokrovskii, A.N.** *see* Sirotinkin, S.N. 8-67695
- Pokrovskii, A.N.** *see* Sirotinkin, S.N. 8-79598
- Pokrovskii, A.V.** Automatic processing of radiometric data 8-72991
- Pokrovskii, B.I.**, Isaeva, E.V. Structure determination of complex oxides from X-ray powder patterns by the method of concentration waves (Superstructures based on the fluorite lattice) 8-51393
- Pokrovskii, L.D.** *see* Gudaev, O.A. 8-60237
- Pokrovskii, L.D.** *see* Ziling, K.K. 8-59120
- Pokrovskii, N.S.** *see* Golovkin, S.V. 8-78218, 8-89919
- Pokrovskii, O.M.**, Ivanykin, E.E. Objective analysis of the humidity field in the atmosphere according to remote sounding data 8-61524
- Pokrovskii, O.M.**, Kaigorodtsev, E.E. Information content on remote measurements of ozone in the atmosphere 8-88883

- Pokrovskii, O.M.** *see* Borisenkov, E.P. 8-92945
Pokrovskii, S.V. *see* Bashilov, Yu.A. 8-79243
Pokrovskii, V.V. *see* Baumshstein, M.V. 8-63384
Pokrovskii, Y.E. *see* Thomas, G.A. 8-87915
Pokrovskii, Ya.E. *see* Bagaev, V.S. 8-72081
Pokrovskii, Ya.E. *see* Bragina, T.M. 8-72600
Pokrovskii, Ya.E. *see* Kaminskii, A.S. 8-72601, 8-80019
Pokrovsky, V.L. Conditions of existence and spectra of incommensurate lattices 8-55934
Pokrovsky, V.L., Uimin, G.V. On the properties of monolayers of adsorbed atoms 8-84057
Pokrovsky, V.V. *see* Troshchenko, V.T. 8-72860
Pokryshkin, A.A. *see* Neprochnov, Yu.P. 8-57339
Pokushev, B.G. *see* Nakoryakov, V.E. 8-79299, 8-94780
Pol, V. *see* Stein, T.S. 8-62916
Polack, F., Lowenthal, S., Petroff, Y., Farge, Y. Selective X-ray absorption microanalysis with synchrotron radiation 8-68957
Polaert, R., Rodiere, J. Image intensifier tube for rapid filming 8-49917
Polak, A.J., Chang, R.P.H., Chang, C.C., Sheng, T.T. Properties of plasma-oxidized GaAs films 8-95825
Polak, B.G. *see* Kononov, V.I. 8-61376
Polak, E. Risk-benefit evaluation of nuclear power plant siting 8-50266
Polak, K., Bohun, A., Frohlich, F. Decomposition of broad absorption band at about 3.2 μm in multicomponent aluminophosphate glasses 8-52478
Polak, L. Theoretical and applied plasma chemistry: A state-of-the-art review and tendencies of progress 8-76864
Polak, L. *see* Keszei, C. 8-63574
Polak, L.S., Sergeev, P.A., Slovetsky, D.I. Ionization and ion conversion processes in the pink nitrogen afterglow 8-63624
Polak, L.S., Slovetsky, D.I. On the mechanisms of N_2 -afterglow 8-63622
Polak, L.S., Slovetsky, D.I., Sokolov, A.S., Fedoseyeva, T.V. Chemical processes in CO_2 -glow discharge 8-63626
Polak, L.S., Slovetsky, D.I., Urbas, A.D. A study of the ionization and excitation processes in the glow discharge through N_2/H_2 mixtures 8-67505
Polak, L.S., Slovetsky, D.I., Urbas, A.D., Fedoseyeva, T.V. Molecular nitrogen excitation study in the glow discharge and its afterglow 8-63623
Polak, L.S. *see* Butylkin, J.P. 8-70946
Polak, L.S. *see* Ivanov, Yu.A. 8-67539
Polak, L.S. *see* Maksimov, A.I. 8-59695
Polak, M., Vencel, L. Critical currents, current densities and structures of Nb_3Sn -layers, prepared by diffusion of tin from bronze into niobium doped with zirconium 8-56273
Polakovic, M.A. The measurement of traffic noise 8-59219
Poland, A.I. Motions and mass changes of a persistent coronal streamer 8-65594
Polansky, O.E. *see* Barentzen, H. 8-67993
Polanyi, J.C., Sathyamurthy, N. Location of energy barriers. VII. Sudden and gradual late-energy-barriers 8-92454
Polanyi, J.C., Schreiber, J.L. Test of the information theory of branching ratios by classical trajectory computations 8-64822
Polanyi, J.C. *see* Bartoszek, F.E. 8-85145
Polanyi, J.C. *see* Blackwell, B.A. 8-64818
Polascik, M.A. *see* Fritz, K.J. 8-92739
Polaskova, H. *see* Povinec, P. 8-74544
Polborn, K. *see* Amberger, E. 8-84341
Polcarova, M. X-ray diffraction on a crystal containing a misfit boundary. I. General solution 8-51562
Polcarova, M. X-ray diffraction on a crystal containing a misfit boundary. II. Special cases 8-63776
Polder, D., Weiss, K. Remarks on the relaxation-time approximation 8-65888
Polder, R. *see* Scholtens, B.B. 8-84265
Poldy, C.A., Gratz, E. Electrical resistivity and magnetic investigations of the orthorhombic $\text{Tb}(\text{Ni},\text{Cu})_2$ system 8-72348
Poldy, C.A. *see* Kirchmayr, H.R. 8-52231
Pole, R.V., Werlich, H.W. Ultrahigh resolution fast light deflection 8-63178
Polecha, J. *see* Bohun, A. 8-52524
Poletaev, N.L. *see* Basov, N.G. 8-58978
Poletti, A.R. *see* Dracoulis, G.D. 8-78302
Poletti, A.R. *see* Radford, D.C. 8-78308
Poletti, G., Rossitto, F. Dynamic experiment on the adhesion of metals 8-88621
Poleukhin, Yu.I. *see* Zlatorunskii, A.A. 8-85399
Poleunis, F., Leroy, O. The diffraction of light by two adjacent parallel ultrasonic waves, one being a fundamental tone and the other its second harmonic 8-90358
Polevikov, V.K. *see* Berkovsky, B.M. 8-94846
Polevoi, B.N. *see* Pelek, B.L. 8-63330
Polezhaev, V.I. *see* Brailovskaya, V.A. 8-94817
Polge, R.J., Bilbro, J.W. Doppler lidar processing for atmospheric turbulence measurements 8-73554
Poli, M. *see* De Poli, M.
Poljak, J. Manometer for measurement of differential pressure of the order of 2 millibars 8-86323
Poljakoff, M., Breedon, N., Davies, B., McNeish, A., Turner, J.J. Low temperature IR photochemistry and spectroscopy using a tunable spin flip Raman laser 8-74651
Poljakoff, M. *see* Burdett, J.K. 8-92492
Poljakoff, M. *see* Davies, B. 8-90318
Policarpo, A.J.P.L. Coupling the gas scintillation proportional counter to photoionization detectors 8-82581
Polick, J.J. *see* Boughton, R.I. 8-51970
Polidan, R.S., Pollard, G.S.G., Sanford, P.W., Locke, M.C. X-ray emission from the companion to V861 Sco 8-89226
Polikanov, S.M. *see* Ganzorig, D. 8-86557
Polikanov, S.M. *see* Ganzorig, D. 8-89827
Polikanov, S.M. *see* Zapevalov, V.A. 8-86561
Polikarpov, M.I. Final-state interaction of resonance and particle 8-74278
Polikarpov, M.I., Fanchenko, M.S. Account of the final-state interaction in the radiative decays of ω and ρ mesons 8-89710
Polikarpov, M.I. *see* Badalyan, A.M. 8-66143
Polikhronidi, N.G. Influence of antimony impurity on the high-temperature conductivity of tellurium 8-64039
Polilov, A.N. *see* Rabotnov, Yu.N. 8-75105
Polinari, S. *see* Cagnetti, V. 8-69299
Poling, D.A. *see* Parmenter, R.H. 8-59986
Poling, R. *see* Stone, S.L. 8-58530
Polinger, V.Z. *see* Khlopin, V.P. 8-78642
Polishchuk, E.S., Katrenko, A.V., Koval'chuk, N.G. Approximation of the transmission functions of temperature transducers 8-62197
Polishchuk, E.S., Soprunyuk, P.M., Rytsar, B.E., Koval'chuk, N.G. Determining the parameters of exponential processes 8-77831
Polishchuk, R.F. Mini-phantom geometrodynamics for 2+2 resolution of space-time 8-62132
Polishchuk, R.Ya. *see* Borovskii, V.R. 8-83401
Polishchuk, T.I. *see* Vasilenko, A.T. 8-89341
Polishchuk, V.N., Shevchenko, N.G., Afanas'ev, N.G., Khomich, A.A., Buki, A.Yu., Mazanko, B.V. Electroexcitation of low-lying states in $^{52,53}\text{Cr}$ nuclei 8-54746
Polishchuk, V.N. *see* Shevchenko, N.G. 8-78367, 8-86473, 8-89785
Polishchuk, Yu.M. *see* Danil'chenko, V.E. 8-64542
Polishchuk, Yu.Ya. *see* Lysenko, V.S. 8-88488
Politch, J. Laser speckle interferometry of semi-Lambertian reflecting surfaces 8-82910
Politch, J., Segal, M. Holographic measurements of refractive-index changes 8-74865
Politch, J. *see* Opher, R. 8-62222
Politi, A. *see* Arecchi, F.T. 8-90448
Politi, A. *see* Jouve, G. 8-76788
Politis, C. *see* Kaiser, R. 8-68506
Politzer, H.D. *see* Ellis, R.K. 8-93848
Politzer, H.D. *see* Georgi, H. 8-62364
Politzer, P. Some approximate energy relationships for ground and excited states of diatomic molecules and molecular ions 8-78606
Politzer, P., Daiker, K.C. Calculation of proton affinities with the integral Hellmann-Feynman theorem 8-70767
Polivoda, M.D. *see* Pantishev, Yu.M. 8-69178
Polizotti, R.S. *see* Schwarz, J.A. 8-73081
Poljsak, M. *see* Mihalovic, M.V. 8-50137, 8-54664, 8-78288
Polk, C.J. *see* Murphy, W.R. 8-64710
Polk, D.E., Calka, A., Giessen, B.C. The preparation and thermal and mechanical properties of new titanium rich metallic glasses 8-64497
Polk, D.E. *see* Pampillo, C.A. 8-64635
Polke, R., Rieger, R. Particle size analysis of particles $<10\mu\text{m}$ —methods and difficulties 8-60894
Polkinghorne, J.C. Deep inelastic scattering 8-82221
Polkinghorne, J.C. *see* Landshoff, P.V. 8-82348
Poll, H.U. Temperature-dependent growth of thin films on glow-discharge electrodes 8-68632
Poll, J.D., Tipping, R.H. Hexadecapolar induced absorption in solid parahydrogen 8-88290
Poll, J.D., Wolniewicz, L. The quadrupole moment of the H_2 molecule 8-62742
Poll, J.D. *see* Hunt, J.L. 8-70787
Poll, J.D. *see* Wolniewicz, L. 8-90142
Pollacco, E.C. *see* Sanderson, N.E. 8-70683
Pollack, E. *see* Andersen, N. 8-82812
Pollack, H. The viability of the graphic approach to computer-simulated laboratory exercises 8-81780
Pollack, H.N. *see* Gass, I.G. 8-65243
Pollack, I. Temporal switching between binaural information sources 8-53425
Pollack, I. Periodicity measures for repeated random auditory patterns 8-61197
Pollack, J.B. The rings of Saturn 8-73674
Pollack, J.B., Strecker, D.W., Witteborn, F.C., Erickson, E.F., Baldwin, B.J. Properties of the clouds of Venus, as inferred from airborne observations of its near-infrared reflectivity spectrum 8-53850
Pollack, J.B. *see* Wright, M.L. 8-69524
Pollack, M.A., Nahory, R.E., DeWinter, J.C., Ballman, A.A. Liquid phase epitaxial $\text{In}_{1-x}\text{Ga}_x\text{As}_y\text{P}_{1-y}$ lattice matched to (100) InP over the complete wavelength range $0.92 \leq \lambda \leq 1.65\mu\text{m}$ 8-87881
Pollack, M.A. *see* Campbell, J.C. 8-55439
Pollack, M.A. *see* Pinczuk, A. 8-91391
Pollak, E., Pechukas, P. Symmetry numbers, not statistical factors, should be used in absolute rate theory and in Bronsted relations 8-85123
Pollak, E., Pechukas, P. Transition states, trapped trajectories, and classical bound states embedded in the continuum 8-88630
Pollak, F.H., Okeke, C.E., Vanier, P.E., Raccah, P.M. Variations in composition in binary and ternary semiconductors utilizing electrolyte electroreflectance: a topographical investigation 8-80809
Pollak, F.H. *see* Lu, S.S.M. 8-52531
Pollak, R.A. *see* Aepli, G. 8-89601
Pollak, V. An approximate linear relationship for the optical response of turbid media 8-90371
Pollak, V. *see* Takaya, K. 8-80953
Pollak, V.A., Takaya, K. A system for the computer analysis of chromosome autoradiographs 8-57071
Pollan, T. *see* Cantero, J.A. 8-49862
Pollard, A., Spalding, D.B. The prediction of the three-dimensional turbulent flow field in a flow-splitting tee-junction 8-63494
Pollard, A.M. *see* Dawson, P.T. 8-60013
Pollard, D.L. *see* Alston-Garnjost, M. 8-66152, 8-66153
Pollard, D.L. *see* Alston-Garnjost, M. 8-82235
Pollard, E.C., Fluke, D.J. Induced radioresistance in four strains of *Escherichia coli*, two with lambda lysogens 8-69140
Pollard, E.C., Person, S., Radar, M., Fluke, D.J. Relation of ultraviolet light mutagenesis to a radiation-damage inducible system in *Escherichia coli* 8-53458
Pollard, G.S.G. *see* Polidan, R.S. 8-89226
Pollard, H.C. *see* Cookson, T.J. 8-65961
Pollard, J.P. *see* Barry, J.M. 8-70581
Pollard, W. *see* Nemanich, R.J. 8-60498
Pollard, W.B., Joannopoulos, J.D. Excitations in amorphous pyramidally bonded solids. II. Phonons 8-55924
Pollard, W.B., Joannopoulos, J.D. Excitations in amorphous pyramidally bonded solids. I. Electrons 8-56066
Pollarolo, G. *see* Broglia, R.A. 8-70555
Pollen, D.A., Andrews, B.W., Feldon, S.E. Spatial frequency selectivity of periodic complex cells in the visual cortex of the cat 8-69057
Pollen, D.A. *see* Feldon, S.E. 8-56974
Pollert, E. *see* Nevrija, M. 8-80524
Pollet, J.-C. *see* Burns, S.J. 8-79261
Polley, G.T., Calus, W.F. The effect of condensate pattern on heat transfer during the condensation of binary mixtures of vapours of immiscible liquids 8-94558
Polley, M.V. Grain boundary diffusion with radioactive decay 8-59967
Polley, M.V., Skyrme, G. An analysis of radioactive corrosion product transfer in sodium loop systems 8-78464
Pollack, A. *see* Roath, S. 8-53599
Pollini, I. *see* Benedek, G. 8-59895
Pollmann, J., Pantelides, S.T. Scattering-theoretic approach to the electronic structure of semiconductor interfaces: The Ga-terminated Ge-GaAs (100) interface 8-95340
Pollock, B. *see* Grassler, H. 8-62466
Pollock, B. *see* Otter, G. 8-82251
Pollock, E.L., Alder, B.J. Limited solubility of iron in the Sun's interior 8-89149
Pollock, E.L., Alder, B.J. Charged particles in polarisable fluids 8-91214
Pollock, G.G. Automation of multiple neutral beam injector controls at Lawrence Livermore Laboratory 8-62620
Pollock, K. *see* Pohl, H.A. 8-88640
Pollock, M.D. The interaction between a rotating, spherical shell of matter and a central black hole 8-81648
Polnarev, A.G. *see* Doroshkevich, A.G. 8-65728
Polnaszek, C.F. *see* Eastman, M.P. 8-73020
Polnikov, V.G. Electron states in a film subjected to a longitudinal magnetic field 8-91784
Polo, G. *see* Vazquez *see* Vazquez Polo, G.
Polo, J.A., Jr. *see* Fleming, R.M. 8-51975
Polo, R. *see* Di Polo, R.
Polo, S.R. *see* Rubin, B. 8-86873
Poloczek, D. *see* Kwapiulinski, J. 8-92960
Polomoshnov, I.E. *see* Dyban, Yu.P. 8-60633
Polonis, D.H. *see* Chandrasekaran, V. 8-72783
Polonis, D.H. *see* Jones, W.B. 8-76674
Polonskiy, V.S. *see* Styrikovich, M.A. 8-55678

- Polonsky, V.S. *see* Styrikovich, M.A. 8-94544
- Polonyi, J. Generalization of the massive scalar multiplet coupling to the supergravity 8-82137
- Poloskin, D.S. *see* Averkiev, S.A. 8-88342
- Polosukhina, N.S., Dodonov, S.N. The analysis of spectral variability of the Ap star 73 Dra. I 8-65624
- Polosukhina, N.S. *see* Glagolevskii, Yu.V. 8-69815
- Polotai, V.V. *see* Radomysel'skii, I.D. 8-60843
- Polovina, A.I. *see* Ostrovskii, I.V. 8-88001
- Polovinkin, A.N. *see* Anikin, V.I. 8-71221
- Polovinkina, V.I. *see* Aristov, V.V. 8-75500
- Polovinko, I.I. *see* Romanyuk, N.A. 8-84604
- Polovnikov, S.A. *see* Antipov, Yu.M. 8-62581
- Polozkov, N.M. *see* Vaivod, P.A. 8-68466
- Polozov, M. On the quasi-Stark effect of the accelerated hydrogen atom 8-58621
- Polozov, M.V. *see* Bolotskii, V.P. 8-70538
- Polozova, L.K. *see* Chemodanov, D.I. 8-53198
- Polozova, L.P. *see* Kosinskaya, I.V. 8-82791
- Pols, C.L.A. *see* Jongejans, B. 8-78177
- Pol'skii, A.I., Rizenko, V.I. Generation of magnetoelastic vibrations during high-frequency magnetic reversals of thin films 8-60320
- Polster, H.-J. *see* Grasselt, H. 8-88668
- Poltavets, V.N. *see* Kovalev, L.K. 8-59258
- Poltor, B.F. Correlation method of measuring parameters of beams of coherent radiation 8-50705
- Poltorats'kii, L.M. *see* Bunin, K.P. 8-59948
- Poltoratskii, N.I. *see* Andrievskii, R.A. 8-60630
- Poltoratskii, Yu.B., Fugol', I.Ya. On the nature of long-wave ultraviolet luminescence in doped argon crystals 8-88347
- Polturak, E., Rappaport, M., Rosenbaum, R. Wire-packed heat exchangers for dilution refrigerators 8-54363
- Poluboyarinov, D.N. *see* Sokolova, L.V. 8-84748
- Poluektov, N.S. *see* Kononenko, L.I. 8-84653
- Polukarova, Z.M., Uspenskaya, L.S., Maksimov, A.I., Bryukhanova, L.S., Shchkin, E.D., Zanozin, V.M., Nikitina, Z.V. On the physico-mechanical properties of steel 1Kh18N9T after boring in metallic melts 8-56736
- Polukhin, G.I., Tsvelik, V.A. Special state standard and All-Union test scheme for absolute-pressure measuring equipment in the range of 2.7×10^2 - 4000×10^2 Pa 8-73962
- Polunin, A.K. *see* Anisimov, V.I. 8-70624
- Polunin, V.I. *see* Bovenko, V.N. 8-56737
- Polunin, V.M. A method for the resonance excitation of ultrasound in a ferromagnetic fluid 8-95112
- Polunin, Yu.P. *see* Elaev, V.F. 8-71092
- Polupanov, A.F. Cross section for cascade capture of carriers by attractive impurity centers in piezoelectric semiconductors 8-56157
- Polushin, S.G. *see* Ryumtsev, E.I. 8-84521
- Polushkin, V.M. *see* Andreyeva, M.N. 8-71609, 8-71610
- Polushkin, Yu.I. *see* Enukova, T.A. 8-70187
- Poluyanov, L.V. *see* Ayukaev, R.I. 8-59397
- Polvado, R. *see* Corcoran, M.D. 8-50054
- Polyak, E.B., Sher, E.N. A solid-liquid model of an explosion in the ground 8-96158
- Polyak, I.I. *see* Il'in, V.M. 8-81298
- Polyak, L.Z. *see* Maximovich, G.G. 8-92266
- Polyakhov, N.N., Melnikova, O.F. Solution of an integral equation of the lifting surface 8-73836
- Polyakov, A.F. Limits and character of the start of the effect of thermogravitation on the turbulent flow and heat transfer of liquid metals in vertical tubes 8-71315
- Polyakov, A.F. Flow and heat transfer in the thermogravitational generation mode 8-94684
- Polyakov, A.F. *see* Grigor'ev, V.S. 8-94820
- Polyakov, A.F. *see* Maksin, P.L. 8-83474, 8-90869
- Polyakov, A.F. *see* Maxim, P.L. 8-94721
- Polyakov, A.F. *see* Petukhov, B.S. 8-83365, 8-83479, 8-90902
- Polyakov, A.I. *see* Kruchinin, N.A. 8-80819
- Polyakov, B.F. *see* Asratyan, A.E. 8-62389
- Polyakov, I.I. Analytical relationship for determining the relaxation losses of specific momentum (in a supersonic nozzle) 8-59505
- Polyakov, L.M., Vinokurov, E.I., Finkel'shtein, O.L. Test rig for measuring wear granules subjected to vertical vibrations 8-56840
- Polyakov, N.I., Davydova, M.I., Zarubina, I.L., Kulakov, A.A., Makarov, Yu.K. One-channel double-beam microspectrophotometer 8-89563
- Polyakov, N.S. *see* Dubinin, M.M. 8-61114
- Polyakov, P.A. *see* Kuz'menkov, L.S. 8-73904, 8-79434
- Polyakov, S.P., Rozenberg, M.G. Study and generalization of volt-ampere and thermal characteristics of a two-jet plasmotron 8-55757
- Polyakov, S.V. *see* Kotik, D.S. 8-85757
- Polyakov, V.K. *see* Smolin, V.N. 8-94087
- Polyakov, V.L. *see* Kharchenko, E.F. 8-68751
- Polyakov, Ye.A. *see* Davidzon, V.M. 8-75471
- Polyakova, E.N. *see* Mazaev, V.A. 8-60635
- Polyakova, N.V. *see* Fialkov, A.S. 8-68715
- Polyakova, V.P. *see* Volkenshtein, N.V. 8-80138
- Polyanin, A.D. *see* Gupalo, Yu.P. 8-83499
- Polyanin, L.N. Critical energy in heat-transfer channels of complex shape 8-78453
- Polyaninov, A.V., Gurov, V.A., Yanushkevich, V.A. Effect of a shock wave on the conductivity of n-type germanium 8-87979
- Polyanski, E.A. Variation of the field in a waveguide as a function of the refractive index 8-94464
- Polyansky, V.N. *see* Oganessian, Yu.Ts. 8-78404
- Polyarush, A.Yu. *see* Baranov, D.S. 8-62390
- Polychronakos, V.A. *see* Cason, N.M. 8-82240
- Polychronakos, V.A. *see* Cutts, D. 8-78380, 8-89746
- Polymeropoulos, E.E., Mobius, D., Kuhn, H. Photoconduction in monolayer assemblies with functional units of sensitizing and conducting molecular components 8-68050
- Polymeropoulos, E.E., Sagiv, J. Electrical conduction through adsorbed monolayers 8-95386
- Polynov, V.N. *see* Druzhinin, A.A. 8-82351
- Poludov, A.N., Sigov, Yu.S. Parametric instability of plasma and Langmuir quasicollapse in two-dimensional geometry 8-75329
- Pomar, C. *see* Kerek, A. 8-50440
- Pomasheva, P.I. *see* Novikov, V.M. 8-57993
- Pomeau, Y. Turbulence: determinism and chaos 8-87333
- Pomeau, Y. *see* Bouligand, Y. 8-79523
- Pomeau, Y. *see* Wesfreid, J. 8-71328
- Pomechnikov, G.A. *see* Alyushin, Yu.A. 8-60708
- Pomelov, Ya.A. *see* Barabanov, B.N. 8-51367
- Pomerantsev, V.N. *see* Kukulin, V.I. 8-49688, 8-86496
- Pomerantz, M. *see* Hjortsberg, A. 8-52587
- Pomerantz, M.A. *see* Duggal, S.P. 8-89020, 8-89022
- Pomernacki, C. *see* Reynolds, W.D. 8-53586
- Pomeroy, P.W. Recent results of seismic risk analyses in the northeast United States 8-85503
- Pomeroy, W.R.M. *see* Alldritt, M. 8-61623
- Pomeroy, W.R.M. *see* Shaughnessy, J.O. 8-53747
- Pomes, R. *see* Shchegolev, B.F. 8-67971
- Pominov, I.S. *see* Remizov, A.B. 8-52490
- Pommier, C. *see* Calvarin, G. 8-79788
- Pommier, J. *see* Horsdal Pedersen, E. 8-58794
- Pomorski, K. Spontaneous fission half lives for odd A nuclei with $Z=96$ 8-86556
- Pomorski, K. *see* Ignatiuk, A.V. 8-70439
- Pomot, C. *see* Pelletier, J. 8-60538, 8-66001
- Pompe, V. *see* Busalov, Yu.E. 8-95796
- Pompe, W. *see* Vollmar, S. 8-63279
- Pompea, S.M. *see* Kahn, P.G.K. 8-96122
- Pompei, J., Campet, G., Claverie, J., Hagemmuller, P. Cathode sputtering deposition of thin dielectric films of oxides and oxifluorides 8-80468
- Pomraning, G.C. Variational interpolation 8-49638
- Pomraning, G.C. Emissivity estimates 8-87245
- Ponath, H.E., Kneipp, K. Nonstationary Raman-induced Kerr effect in liquids and uniaxial piezocrystals 8-60427
- Poncet, A. *see* Le Provost, C. 8-61579
- Poncet, P., Braizaz, M., Pointu, B., Rousseau, J. Cu-H₂PO₄ system: instability and oscillations 8-64850
- Pond, R.C. On the measurement of relative translations between adjacent crystals 8-75675
- Pond, R.C. The study of grain-boundary dislocations 8-87680
- Pond, R.C., Smith, D.A., Vitek, V. A model for grain boundary structure based on random close packing 8-95058
- Pond, R.C., Smith, D.A., Wagoner, R.H. On the mechanism of low temperature intergranular fracture 8-60795
- Pondrom, L. *see* Bunce, G. 8-93878
- Pondrom, L. *see* Edwards, R.T. 8-82393
- Pondrom, L. *see* Heller, K. 8-82253
- Ponec, V. *see* Kuipers, F.J. 8-79869
- Ponec, V. *see* Reinalda, D. 8-80788
- Poner, D.M. *see* Aronson, E.V. 8-72799, 8-72972
- Ponevski, H. On the Langmuir-probe diagnostics of a non-equipotential plasma. II 8-83608
- Pong, W., Inouye, C.S. Photoemission studies of LaF₃ 8-68601
- Pong Soo Jang. On the positivity of energy in general relativity 8-57830
- Pong Soo Jang, Soo Yong Park, Wali, K.C. Concerning axially symmetric monopole-type solutions 8-54561
- Pong-Cheng Yin *see* Yin Pong-Cheng
- Poniewierski, Z. Effect of the type of modification on the microstructure of the eutectic Al-Si alloys 8-64548
- Ponkrat'eva, R.I. *see* Zakgeim, E.L. 8-95507
- Ponomarenko, N.P., Tishchenko, I.E. Multichannel electronic integrator for magnetic-probe measurements with detection of signals masked by noise 8-75413
- Ponomarev, A.N. *see* Dukhovskoi, E.A. 8-52143
- Ponomarev, A.N. *see* Ivanter, I.G. 8-88245
- Ponomarev, B.K., Thiessen, V.G. Band ferromagnetism in nickel-palladium alloys 8-80180
- Ponomarev, B.K. *see* Antonov, V.E. 8-88144
- Ponomarev, B.K. *see* Belash, I.T. 8-88145
- Ponomarev, B.K. *see* Thiessen, V.G. 8-84452
- Ponomarev, L.A. Diffractive dissociation of a nucleon into N π system in near threshold range 8-54623
- Ponomarev, L.L. *see* Melezhih, V.S. 8-78841
- Ponomarev, O.A. *see* Bikbaev, N.Kh. 8-72599
- Ponomarev, O.A. *see* Ivanov, A.I. 8-51909
- Ponomarev, S.S. *see* Blokhin, S.M. 8-86808
- Ponomarev, V.F. *see* Sheikh-Zamanova, R.N. 8-51988
- Ponomarev, V.I. *see* Zubtsov, A.V. 8-63416
- Ponomarev, V.N., Krechet, V.G., Pronin, P.I. Problems of classical and quantum gravitational collapse. IX. Torsion, wave field, cosmology 8-53815
- Ponomarev, V.S. *see* Kushniruk, V.F. 8-86745
- Ponomareva, T.I., Irzhak, V.I., Rozenberg, B.A. On the relation between the glass-transition temperature of network epoxide polymers and their chemical structure 8-51653
- Ponomareva, T.P. *see* Geguzin, Ya.E. 8-51830
- Ponomareva, V.L. Use of the gradient method for solution of certain spaceflight dynamics problems 8-69638
- Ponomaryov, Yu.V. *see* Landa, P.S. 8-67514, 8-67515
- Ponpon, J.P. *see* Muller, J.C. 8-63784
- Ponpon, J.P. *see* Pananakakis, G. 8-91768
- Pons, A., Corrons, A. Colorimetry and fluorescent materials 8-49879
- Pons, A. *see* Corrons, A. 8-49880
- Pons, C.H. *see* Tchoubar, D. 8-66020
- Pons, J.M. *see* Gomis, J. 8-69981
- Pons, R. *see* Bosetti, P.C. 8-70357
- Pons, Y. *see* Denegri, D. 8-62464
- Pons-Germain, B. *see* Millet, P. 8-78653
- Pontcharra, J.De *see* De Pontcharra, J.
- Ponte, N.S. *see* Barber, G.C. 8-62613, 8-66392
- Pontecorvo, B. *see* Bilenky, S.M. 8-66182
- Pontecorvo, B.M. *see* Bilen'kii, S.M. 8-82193
- Ponter, A.B., Peier, W. Nucleate boiling in binary mixtures 8-87249
- Ponter, A.R.S., Brown, P.R. The finite element solution of rapid cycling creep problems 8-63317
- Pontes, M.S. A method to estimate statistics of rain depolarization 8-53673
- Pontius, D.H. *see* Smith, W.B. 8-88658
- Pontoppidan, S. *see* Fernandez, B. 8-94043
- Ponyatovskii, E.G. *see* Antonov, V.E. 8-60645, 8-88144
- Ponyatovskii, E.G. *see* Bashkin, I.O. 8-63853
- Ponyatovskii, E.G. *see* Belash, I.T. 8-88145
- Ponyatovskii, E.G. *see* Degtyareva, V.F. 8-88064
- Ponyatovskii, E.G. *see* Thiessen, V.G. 8-84452
- Ponyavin, D.L., Pudovkin, M.I., Sazhin, S.S. Self-consistent field-aligned electric field in the Earth's magnetosphere 8-69615
- Ponzi-Bossi, M.G. *see* Albertini, G. 8-95138
- Ponzi-bossi, M.G. *see* Dubini, B. 8-94985
- Poo Mu-ming *see* Mu-ming Poo
- Pook, L.P., Greenan, A.F. Mode II fatigue-crack growth threshold in mild steel 8-92362
- Pookaiyaudom, S. Induced permanent negative resistances in reverse-biased P-N junctions 8-56214
- Pool, E.B. Unbalanced forces in Y globe nuclear MSIV's and novel actuator design 8-50288
- Pool, R.R. *see* Parks, N.J. 8-65092
- Pool, T.P. Study of the Roy equations. II. Proof of the existence of a solution 8-70310
- Poole, A. *see* Garrett, J.A. 8-85358
- Poole, C.P., Jr., Farach, H.A., Bishop, T.P. Electron spin resonance of minerals. II. Silicates 8-88166
- Poole, G.G. *see* Riley, J.M. 8-93452
- Poole, J.H.B., Leventhall, H.G. Active attenuation of noise in ducts 8-90592
- Poole, L.M.G. The decay of luminosity in the trains of moderately bright meteors 8-81593
- Pooler, D.R. Continuous group invariances of linear Jahn-Teller systems 8-60092
- Pooley, G.G. Radio observations of NGC 5296/7 8-93419
- Pooley, G.G. *see* Argue, A.N. 8-93418
- Pooley, G.G. *see* Riley, J.M. 8-54050
- Poon, K.C., Chang, Y.P. Transformation of heat conduction problems from anisotropic to isotropic 8-87231
- Poon, M. *see* Henkelman, R.M. 8-96113

- Poon, S.J., Geballe, T.H. Eliashberg function $\alpha^2F(\omega)$ and photon spectrum $F(\omega)$. A simple model for an amorphous s-p superconductor 8-88066
- Poon, S.J. *see* Durand, J. 8-68191
- Poon, S.J. *see* Johnson, W.L. 8-88057
- Poor, J. Spectrofluorometer—its structure and components properties 8-56940
- Poore, M.W., Kesterson, K.F. Measuring the thermal expansion of solids with strain gauges 8-53059
- Poore, R.V. *see* Flynn, E.R. 8-62549
- Poornachandra Rao, M. *see* Durga Prasada Rao, N.V.N. 8-81146
- Poorten, H. Vander *see* Vander Poorten, H.
- Poortmans, F. *see* Staveloz, P. 8-50162
- Pop, E., Petriu, E. About probabilistic representation of quantities in measuring instrumentation 8-49788
- Pop, E. *see* Pop, I. 8-84386
- Pop, I., Coldea, M., Rao, V.U.S. NMR and magnetic susceptibility of intermetallic compounds ZrV_2 , $Zr_{0.99}Pt_{0.01}V_2$, and $Zr_{0.9}Fe_{0.1}V_2$ 8-95527
- Pop, I., Giurgiu, A., Pop, E., Iusan, V. Coexistence of itinerant antiferromagnetism with paramagnetism of localised magnetic moments in low concentrated Cr-Fe alloys 8-84386
- Pop, I. *see* Soundalgekar, V.M. 8-91018
- Pop-Jordanov, J. Lattice cell burnup calculation 8-58340
- Popa, A.E., Plant, T.K., Johnson, R.E. Large bandwidth optical modulators utilizing millimeter wavelength drivers 8-87164
- Popa, F. *see* Garlea, I. 8-70537, 8-90033
- Popa, I. *see* Atanasiu, G. 8-55759
- Popa, M.S. Estimation of unknown nuclear masses by means of the generalized mass relationships. I. Generalized mass relationships prior to the Garvey-Kelson type relationships 8-58232
- Popalov, V.V. *see* Kalafati, D.D. 8-51243, 8-94687
- Pope, B.G. The production of high transverse momentum π^0 s at the CERN ISR 8-78226
- Pope, C.N. Axial-vector anomalies and the index theorem in charged Schwarzschild and Taub-NUT spaces 8-93832
- Pope, C.N. *see* Belinskii, V.A. 8-65857
- Pope, C.N. *see* Gibbons, G.W. 8-81909
- Pope, D.P., Keller, A. Long-period changes on annealing of doubly oriented nylon 66 8-52859
- Pope, M.C., Birks, N. Sulfur solubility in NiO and CoO at 1000°C 8-63858
- Pope, M.C., Birks, N. The penetration by sulfur at NiO scales growing on nickel 8-64776
- Pope, S.B. An explanation of the turbulent round-jet/plane-jet anomaly 8-63469
- Pope, W.M., Ellis, H.W., Eisele, F.L., Thackston, M.G., McDaniel, E.W., Langley, R.A. Mobilities and longitudinal diffusion coefficients of Cs^+ ions in He and Ne gas 8-67308
- Pope, W.M. *see* Gatland, I.R. 8-59537
- Pope, W.M. *see* Thackston, M.G. 8-67298
- Popel, A.S., Gross, J.F. Mass transfer in the entrance region of a circular tube 8-87392
- Popel', O.S., Sinkevich, O.A., Shevchenko, A.L. Onset of secondary shock waves with decelerated hypersonic streams in magnetic field 8-87401
- Popel', S.I. *see* Manov, V.P. 8-79521
- Popenda, J. *see* Kunert, H. 8-51456
- Poperekova, L.M. *see* Basina, Yu.V. 8-93063
- Popescu, C. *see* Stoica, T. 8-72169
- Popescu, D.G. *see* Bogdan, D. 8-82316
- Popescu, F.F. *see* Barb, D. 8-72469
- Popescu, I.C. *see* Liteanu, C. 8-92549
- Popescu, I.M., Stanciu, G.A. Laser measurement of the characteristics of semiconductor materials and devices 8-52035
- Popescu, I.M. *see* Cristescu, C.P. 8-79002
- Popescu, I.M. *see* Lupascu, A. 8-66521
- Popescu, O.I. *see* Chisleag, R.Gh. 8-49796
- Popescu-Botez, G. *see* Maftei, Gh. 8-91868
- Popichenko, V.A. Diffraction on a slit and on strip: Accuracy of different asymptotic methods 8-86993
- Popielawski, J. On the optical criterion for the Mott transition 8-75996
- Popik, S.I. *see* Samuelson, L.E. 8-66301
- Popik, Yu.V. *see* Zhikharev, V.N. 8-63927
- Popishvili, V.I. *see* Rvachev, V.L. 8-83477
- Popkie, H.E. *see* Kaufman, J.J. 8-62714
- Popko, E., Pawlikowski, J.M. Contribution of the lattice dilatation to the temperature shift of the energy gap of $Cd_{1-x}Hg_x$ -Te 8-51892
- Popkov, A.N. *see* Filipchenko, A.S. 8-88335
- Popkov, I.V. *see* Aksenov, V.I. 8-69563
- Popkov, V.V. *see* Sidorov, A.A. 8-88110
- Popkov, Yu.P. *see* Dranov, L.N. 8-91945
- Poplavnoi, A.S., Tyuterev, V.G. The theory of infrared dispersion of light in crystals with the chalcopyrite lattice 8-76451
- Poplavskaya, M.G. Quasi-optimum operating functions of the instruments for remote sounding of the ocean 8-77362
- Pople, J.A., Hehre, W.J. Computation of electron repulsion integrals involving contracted Gaussian basis functions 8-58572
- Pople, J.A. *see* Seeger, R. 8-55127
- Pople, J.A. *see* Seeger, U. 8-62939
- Pople, J.A. *see* Yanez, M. 8-91186
- Poplett, I.J.F., Smith, J.A.S. Deuteron quadrupole resonance studies. VIII. $^1H/^2H$ double resonance in some inorganic hydroxy compounds 8-84497
- Popma, T.J.A. *see* van Diepen, A.M. 8-84508
- Popok, V.V. *see* Kozlov, S.I. 8-69569, 8-73566
- Popolitov, V.I. *see* Mininon, Yu.M. 8-80466
- Popov, A.E. *see* Etkin, V.S. 8-61425
- Popov, A.E. *see* Kravtsov, Yu.A. 8-81188
- Popov, A.I. Effect of some experimental factors on the physical properties and crystallisation kinetics of selenium 8-94998
- Popov, A.I. *see* Bol'shakov, A.F. 8-52614
- Popov, A.K., Timofeev, V.P. Conditions for converting 3.39- μm He-Ne laser radiation to the visible in atomic cesium vapor 8-83036
- Popov, A.K. *see* Arkhipkin, V.G. 8-50854, 8-55409
- Popov, A.P. *see* Zhilkin, V.A. 8-63404
- Popov, A.P., Fokina, G.V., Kashparova, O.D., Bagdasarov, K.N., Shelepin, O.E. The use of the method of simultaneous analysis of optical densities in spectrophotometry of complexes with variable composition 8-76975
- Popov, A.S., Trakhtenberg, L.I. Effect of the section shape of a nonmagnetic electrically conducting rod on the parameters of an eddy-current transducer with a uniform field 8-53132
- Popov, A.V. *see* Basargin, Yu.G. 8-66439
- Popov, A.Yu. *see* Kovaliov, B.M. 8-71508
- Popov, B.N. *see* Fridkin, V.M. 8-52449, 8-72187, 8-91719, 8-95309
- Popov, D.E. *see* Vorob'ev, A.A. 8-83857
- Popov, E.I. *see* Litovchenko, N.A. 8-60881
- Popov, G.A. *see* Gomilka, L.A. 8-71558
- Popov, G.M. Thin optical systems of three lenses with diminished secondary spectrum 8-57456
- Popov, G.M. Oscillations in the envelope of the harmonic levels during the magnetization of steels with a low-frequency magnetic field 8-60940
- Popov, G.P. *see* Karpasyuk, V.K. 8-76270
- Popov, L.E., Koneva, N.A., Perov, G.A., Kovalevskaya, T.A. Dissociation of superdislocations and the mechanism of plastic deformation of ordered alloys with the $L1_2$ structure 8-52909
- Popov, L.E. *see* En'shina, N.A. 8-83814
- Popov, L.E. *see* Starenchenko, V.V. 8-84909
- Popov, L.K. *see* Nakhmanson, R.S. 8-52097
- Popov, N.A., Stepa, A.P., Budz'ko, V.K. Determining distortion of objective in ZTL-180 from visual observations of star pairs 8-89068
- Popov, N.I. *see* Zhiryakov, B.M. 8-50834, 8-87506
- Popov, O.A., Krasil'nikova, A.N. Vacuum quenching of bearing races of steel 95Kh18 8-85047
- Popov, O.A. *see* Godyak, V.A. 8-67547
- Popov, O.M. *see* Sergeev, S.I. 8-67875
- Popov, O.S. *see* Koutchmy, S. 8-89140
- Popov, S.N. *see* Smolenskii, G.A. 8-68055, 8-95549
- Popov, T.K. *see* Blagoev, A.B. 8-63587
- Popov, V.A. *see* Kanovich, M.Z. 8-64578
- Popov, V.A. *see* Loginov, A.A. 8-76216
- Popov, V.D. *see* Kremlev, A.N. 8-91625
- Popov, V.E., Prokof'ev, A.N. Proportional chamber with analog data plotting 8-78566
- Popov, V.F., Tserpitskii, B.D., Raitsyn, A.B. Investigation of duoplasmatron as a source of argon ions in an ion microanalyzer 8-74523
- Popov, V.G. *see* Fedorov, L.F. 8-90969
- Popov, V.G. *see* Gavrilenko, V.I. 8-60453
- Popov, V.I. The coefficient of electromagnetic ejection of particles in a 2-phase conducting diaphragmatic system 8-94364
- Popov, V.I. *see* Vigdorovich, V.V. 8-56048
- Popov, V.K. *see* Komogorov, L.K. 8-85099
- Popov, V.K. *see* Martynenko, O.G. 8-69488
- Popov, V.M. Determining thermal resistance of contact between finished wavy metallic surfaces 8-59262
- Popov, V.M. Determination of the surface generation rate for minority carriers from the dynamic nonequilibrium current-voltage characteristics of MOS structures 8-64139
- Popov, V.M. Generalized relations for determining thermal contact resistance 8-83221
- Popov, V.M. *see* Denisuk, V.I. 8-95377
- Popov, V.M. *see* Zakharov, V.P. 8-72273
- Popov, V.N. Theory of one-dimensional Bose gas with point interaction 8-49762
- Popov, V.N. Heat-transfer processes and turbulent flow of compressible fluid in circular tube 8-71314
- Popov, V.N., Belyaev, V.M., Valueva, E.P. Calculation of heat exchange and resistance under conditions of turbulent flow in a round pipe of liquid with various types of dependence of physical properties on the temperature 8-94819
- Popov, V.P. *see* Ishkhanov, B.S. 8-78573
- Popov, V.S., Yakimenko, I.P. Spectral densities of a space charge correlation in the plane layer of a two-temperature electron-ion plasma 8-59548
- Popov, V.S. *see* Eletskii, V.L. 8-82116
- Popov, V.S. *see* Eletsky, V.L. 8-86416
- Popov, V.S. *see* Mur, V.D. 8-78123, 8-89645
- Popov, V.V., Shubnikov, M.L., Shalyt, S.S., Kosarev, V.V. Influence of pressure on transport phenomena in $InSb:Cr$ 8-56146
- Popov, V.V. *see* Petrov, D.V. 8-66752
- Popov, V.V. *see* Zhidov, I.G. 8-83410
- Popov, Yu.A. The Curtis-Godson approximation for calculating the radiation of a nonisothermal gas 8-67019
- Popov, Yu.A. Thermal radiation of diatomic gases 8-90675
- Popov, Yu.A., Karpel'son, A.E. Thermal monitoring with maximal temperature differences over flaws 8-60945
- Popov, Yu.A., Karpel'son, A.E., Khulap, G.S., Zharkoi, Yu.V., Dogadin, V.A., Belykh, N.V. The possibility of active thermal inspection of honeycomb structures 8-72994
- Popov, Yu.A., Karpel'son, A.E., Strokov, V.A., Ketkovich, A.A., Kurbatov, N.G., Fatamukhin, A.N. Thermal quality control on multi-layer constructions 8-85107
- Popov, Yu.A., Scherbinin, V.I. Complex heat exchange in the case of the laminar flow of a scattering medium in a cylindrical channel 8-83490
- Popov, Yu.A. *see* Karpel'son, A.E. 8-53127
- Popov, Yu.M. *see* Kozlovskii, V.I. 8-59028
- Popov, Yu.M. *see* Malov, A.N. 8-50715
- Popov, Yu.M. *see* Voitik, M.G. 8-50753
- Popov, Yu.S. *see* Starozhukov, D.I. 8-86516
- Popov, Yu.V. *see* Berezhnoi, A.A. 8-50874, 8-68457, 8-68478
- Popov, Yu.V. *see* Bryskina, I.V. 8-70097
- Popov, Yu.W. *see* Lapin, V.Z. 8-53140
- Popova, D. *see* Atanasov, Z. 8-83649
- Popova, L.B. *see* Glebov, L.B. 8-87176
- Popova, L.L., Vitanov, P.K., Antov, B.Z. Interface states in MNOS systems 8-84309
- Popova, M.P. *see* Nemchinov, I.V. 8-87470
- Popova, N.N. *see* Kondorskii, E.I. 8-76225
- Popova, S.V. *see* Larchev, V.I. 8-51459
- Popova, T.A. *see* Blinov, N.N. 8-85706
- Popova, T.Ya. *see* Kurbatov, A.A. 8-75396
- Popova, V.A., Shneerson, G.A. Field and current density near the edge of a semiinfinite thin solenoid 8-70999
- Popovic, M.M. *see* Goldbach, C. 8-71448
- Popovic, M.M. *see* Guenther, K. 8-71449
- Popovic, M.V., Dimitrijevic, M., Platina, M. Effect of collisions on the low frequency oscillations in a plasma with negative ions 8-87448
- Popovic, S.S. *see* Goldbach, C. 8-71448
- Popovic, S.S. *see* Guenther, K. 8-71449
- Popovic, V. An automatic digital Q-meter: New approach to the digital measurement of magnification factor 8-70155
- Popovic, Z.V., Nikolic, P.M. Infrared and Raman spectra of $GeSe_2$ 8-95585
- Popovich, A.G. *see* Naumov, Yu.N. 8-77909
- Popovich, N.N. *see* Bondar', E.A. 8-52591
- Popovich, V.P. *see* Busygin, E.P. 8-67372, 8-67478
- Popovichev, V.I. *see* Pilipetskii, N.F. 8-63154
- Popovici, C. *see* Balaceanu, M. 8-59710
- Popovics, C. *see* Garban, C. 8-59676
- Popovkin, B.A. *see* Belyaev, L.M. 8-52445
- Popp, F., Bickelhaupt, F., Maclean, C. The electronic structure of Chichibabin's hydrocarbon 8-50562
- Popp, P. *see* Leonhardt, J.W. 8-58845
- Poppa, H., Lee, E.H., Moorhead, R.D. Controlled vapor growth of small particles of Pd and Fe on thin Al_2O_3 substrates 8-75958
- Poppa, H. *see* Thomas, M. 8-71960
- Poppa, H. *see* Todd, G. 8-73106
- Poppe, D., Botner, R. Inelastic collisions of Li^+ with N_2 molecules: a comparison of experimental results with trajectory studies 8-62878
- Poppe, H. *see* Dieker, J.W. 8-73055
- Poppe, K. *see* Lantos, T. 8-57040
- Poppe, R. *see* McCarthy, I.E. 8-90298
- Poppendieck, T.D., Ngoc, T.C., Webb, M.B. An electron diffraction study of the structure of silicon (100) 8-71922
- Popper, D.M., Margon, B. Is HD 26676 an unusual radio star? 8-73707
- Poppi, L. *see* Morandi, N. 8-88816
- Poppinger, D., Radom, L. Structural and energetic predictions for anions from a modified Hartree-Fock procedure 8-62720
- Popplewell, J., Charles, S.W. The structure and magnetic properties of non-crystalline vapour quenched Gd-Ag and Gd-Cu alloys 8-52318

- Poppellwell, J.**, Charles, S.W. The structure and magnetic properties of some Gd-Ag vapour-quenched alloys 8-84461
- Poppellwell, N.** *see* McNulty, G.J. 8-90598
- Poppellwell, N.** *see* Yeow, K.W. 8-90590
- Popryadukhin, A.P.** *see* Petrenko, Yu.N. 8-51337
- Poqueruss, M.**, Lecaveux, A. First direct measurement of the beaming of Jupiter's decametric radiation 8-89114
- Poquerusse, M.**, Steinberg, J.L. First results of the STEREO-5 experiment: evidence of ionospheric intensity scintillation of solar radio bursts at decameter wavelengths? 8-61822
- Porcas, R.W.** *see* O'Dell, S.L. 8-93440
- Porcas, R.W.** *see* Owen, F.N. 8-81697
- Porch, R.W.M.**, Gillette, D.A. A comparison of aerosol and momentum mixing in dust storms using fast-response instruments 8-65364
- Porcher, P.**, Caro, P. Crystal field parameters for Eu^{3+} in KY_3F_{10} . II. Intensity parameters 8-72580
- Porcher, P.**, Caro, P. Crystal field parameters for Eu^{3+} in KY_3F_{10} . III. Radiative and non-radiative transition probabilities 8-72581
- Porco, C.C.** *see* Ingersoll, A.P. 8-85888
- Pordes, S.H.** *see* Haasid, M. 8-71424
- Pordy, L.**, Teichholz, L.E. Automatic ambulatory rhythm monitoring 8-85431
- Porebski, W.** *see* Jakubiak, S. 8-93719
- Poreh, M.** *see* Hassid, S. 8-79345
- Poreko, D.** *see* Bohm, J. 8-80948
- Poretzkaya, L.V.**, Abrikosov, N.Kh. Physico-chemical investigation of alloys of the system Nd-Gd-Te within the region $\text{Ln}_2\text{Te}_3\text{-Ln}_3\text{Te}_4$ 8-52017
- Porfir'eva, N.N.** *see* Batalov, Yu.V. 8-55312
- Porfirov, V.P.** *see* Afanas'ev, Yu.V. 8-77355
- Porikova, A.I.** *see* Tal'roze, V.L. 8-53699
- Porile, N.T.** *see* Fortney, D.R. 8-70527
- Porile, N.T.** *see* Lux, C.R. 8-82367
- Porkolab, M.** *see* Allen, G.R. 8-91127
- Porkolab, M.** *see* Ono, M. 8-91093
- Porokhovnichenko, L.P.** *see* Lavrent'eva, L.G. 8-68098
- Porokhovoi, S.Yu.** *see* Dorchoman, D. 8-78570
- Poromov, V.I.** *see* Kravitsov, A.V. 8-50046
- Porowski, S.** *see* Jaworski, M. 8-54419
- Porozkov, V.N.** *see* Esin, V.O. 8-87858
- Porozov, N.A.** *see* Buznik, V.M. 8-88200
- Porquet, P.** *see* Doucet, J. 8-51407
- Porrot, E.** *see* Bardet, R. 8-70634
- Porstendorfer, J.**, Wicke, A., Schraub, A. The influence of exhalation, ventilation and deposition processes upon the concentration of radon (^{222}Rn), thoron (^{220}Rn) and their decay products in room air 8-73261
- Porstendorfer, J.** *see* Ahmed, A. 8-81396
- Porstendorfer, J.** *see* Robig, G. 8-81395
- Port, E.A.** *see* Claycamp, H.G. 8-78556
- Port, H.**, Rund, D. High resolution excitation spectroscopy on triplet excitons in organic molecular crystals. Comparison of naphthalene and anthracene 8-63986
- Port, H.** *see* Hinkel, H. 8-64257
- Porta, P.** *see* della Porta, P.
- Portal, J.C.** *see* Cooke, R.A. 8-56508
- Portat, M.** Measurement of the effort applied to aircraft rudder-bars 8-49825
- Porte, C.** *see* Parrot, R. 8-52566
- Porte, J.P.** *see* Baland, J.F. 8-93911
- Porte, L.**, Tranquard, A. X-ray photoelectron spectroscopy of thallium halide valence bands 8-76578
- Porter, A.R.D.** *see* Brindley, G.W. 8-83786
- Porter, B.F.** After olympus what? Varied career patterns of today's young physicist 8-62037
- Porter, D.A.**, Easterling, K.E., Smith, G.D.W. Dynamic studies of the tensile deformation and fracture of pearlite 8-84897
- Porter, D.L.** *see* Evans, A.G. 8-60771
- Porter, G.** Pure and applied photochemistry 8-95941
- Porter, G.**, Tredwell, C.J. Picosecond time resolved energy transfer between rhodamine 6G and malachite green 8-70910
- Porter, G.** *see* Altmann, J.A. 8-88697
- Porter, G.** *see* Barber, J. 8-53601, 8-68964
- Porter, H.S.** *see* Hedin, A.E. 8-88959
- Porter, I.T.** *see* Lilwall, R.C. 8-96157
- Porter, J.A.**, Reeves, J.R. Keys to maintenance of water quality instrumentation 8-77366
- Porter, J.D.** *see* Barradas, R.G. 8-51842, 8-51843
- Porter, L.E.**, Naylor, H., Duder, J.C. Stopping power of polystyrene for 2.2 to 5.9 MeV protons 8-90040
- Porter, M.W.** *see* Warren, S. 8-53457
- Porter, N.A.**, Weekes, T.C. A search for high energy gamma-ray bursts from primordial black holes or other astronomical objects 8-54084
- Porter, R.A.** *see* Harshbarger, W.R. 8-63589
- Porter, R.P.**, Spindel, R.C. Statistics of low-frequency multipath fluctuations in the ocean 8-90571
- Porter, R.S.** *see* Kulicic, W.M. 8-93520
- Porter, R.W.**, Weinstein, H., Chaturvedi, S.K. Heat and mass transfer to the atmosphere from spray cooling systems 8-94078
- Porter, S.G.** The Bakerian Lecture 1977. In vitro models for photosynthesis 8-77023
- Porter, S.W., Jr.** Guidance for the design of nuclear power reactor radiological environmental monitoring programs 8-70647
- Porteseil, J.L.**, Cotillard, J.C., Vergne, R. Irreversible motion of a Bloch wall: an instability? 8-95465
- Porteseil, J.L.** *see* Ferrari, G. 8-95457
- Porteus, J.O.** *see* Decker, D.L. 8-79098
- Porth, P.** *see* Bosetti, P.C. 8-70357
- Porth, P.** *see* Laven, H. 8-66163
- Portier, J.** On the magnetic properties of ordered perovskites 8-95434
- Portier, J.** *see* Chevalier, B. 8-79993
- Portier, J.** *see* Lachter, A. 8-64470
- Portier, J.** *see* Palvadeau, P. 8-51512
- Portier, J.** *see* Reau, J.M. 8-91481
- Portier, R.** *see* Fayard, M. 8-83829
- Portier, R.** *see* Gratiat, D. 8-79506
- Portnoi, V.K.**, Novikov, I.I., Nguen Ngok Kuin, Levchenko, V.S. Method of determining the index of sensitivity of flow stress to the rate of deformation 8-60709
- Portnoi, V.K.** *see* Novikov, I.I. 8-84930
- Portnov, G.G.**, Beil', A.I. A model for taking into account the nonlinearity of properties of a semifinished product in the force analysis of the winding of composite materials 8-63325
- Portnyagin, Yu.I.** *see* Minina, L.S. 8-81481
- Porto, P.** *see* Di Porto, P.
- Porto, S.P.S.** *see* Barbosa, G.A. 8-64342
- Porto, S.P.S.** *see* Verbe, J.L. 8-56478
- Portugal, O.E.** *see* Svirina, E.P. 8-88100
- Porukhina, A.I.** *see* Kochenkov, V.A. 8-58520
- Poryukina, L.V.** Charge transformation $\text{Eu}^{2+} \rightleftharpoons \text{Eu}^{3+}$ in CaS and CaO 8-72403
- Posa, F.** *see* Anelli, E.F. 8-82585
- Posa, F.** *see* Cutts, D. 8-78380, 8-89746
- Poshekhnov, P.V.** *see* Nosova, D.I. 8-95858
- Poskanzer, A.M.** Relativistic heavy ion reactions 8-50195
- Poskanzer, A.M.** *see* Cerny, J. 8-98831
- Poskanzer, A.M.** *see* Westfall, G.D. 8-70529
- Posocco, M.** *see* Fidecaro, G. 8-66157
- Pososhenko, L.Z.** *see* Aleksandrov, A.L. 8-86256
- Pospelov, V.A.** Flows in a chemical CW laser using hydrogen and fluorine 8-74895
- Pospelov, V.A.** *see* Lavrov, A.V. 8-87048
- Pospelov, V.V.**, Tishin, Yu.I. Photoelectric writing in MNOS structures 8-95382
- Pospiech, J.** *see* Jura, J. 8-64804, 8-68846
- Pospiech, J.** *see* Maciosowski, A. 8-92273
- Possa, G.** *see* Dallavalle, F. 8-70605
- Possanzini, M.** *see* Liberti, A. 8-96287
- Possnert, G.** *see* Fahlander, C. 8-78260
- Possnert, G.** *see* Norlin, L.O. 8-64778
- Possoz, L.** *see* Hautot, A. 8-81867
- Post, D.E.**, Jensen, R.V., Tarter, C.B., Gruber, W.H., Lokke, W.A. Steady-state radiative cooling rates for low-density, high-temperature plasmas 8-83534
- Post, D.E.** *see* Hughes, M.H. 8-79459
- Post, E.J.** *see* Chamberlain, J.R. 8-80136
- Post, H.A.** *see* Biblarz, O. 8-81294
- Post, K.**, Kewley, D.J. Calibration of an ozone calibration reference instrument 8-73524
- Post, M.J.** Experimental measurements of atmospheric aerosol inhomogeneities 8-77304
- Post, R.F.** Plasma-surface interactions in Q-enhanced mirror fusion systems 8-94130
- Post, R.S.** *see* Kamperschroer, J.H. 8-67375
- Post, R.S.** *see* Neil, G.R. 8-55770
- Postel, M.**, Riess, J.G. Plastic phases in globular phosphorus compounds. A new structural criterion for plastic behavior 8-51454
- Poster, R.** *see* Lockman, W. 8-82254
- Posternak, M.** *see* Krakauer, H. 8-95322
- Posthumus, M.A.**, Kistemaker, P.G., Meuzelaar, H.L.C., Ten Noever de Brauw, M.C. Laser desorption-mass spectrometry of polar nonvolatile bio-organic molecules 8-92534
- Postlethwaite, A.W.**, Sluyter, M.M. MHD heat transfer problems—an overview 8-87503
- Postma, H.** *see* Spanhoff, R. 8-86481
- Postma, H.** *see* Visser, D. 8-91964
- Postnikov, V.A.** *see* Krasil'nikov, O.M. 8-91373
- Postnikov, V.S.**, Ammer, S.A., Eliseeva, O.S., Andryukhina, L.A. Indirectly heated thermoresistor based on silicon whisker crystals 8-86255
- Postnikov, V.S.**, Gridnev, S.A., Prasolov, B.N., Turkov, S.K. Specific features of low-frequency sound attenuation in LiNbO_3 poly- and single-domain crystals 8-63804
- Postnikov, V.S.**, Olemskoi, A.I., Belyavskii, V.I. Dispersion of metallic alloys 8-52757
- Postnikov, V.S.**, Postnikov, V.V., Fedorov, V.M. Metastability and superconductivity in thin films 8-64161
- Postnikov, V.V.** *see* Emel'yanov, I.Ya. 8-86644
- Postnikov, V.V.** *see* Postnikov, V.S. 8-64161
- Postollec, M.** *see* Le Postollec, M.
- Postolovskii, V.A.** *see* Golenko, K.A. 8-86129
- Postoyev, Yu.K.** Scintillation of signals from extraterrestrial radio noise sources in the region of the mid-latitude trough 8-73574
- Postoyev, Yu.K.**, Troitskiy, B.V. Effect of ionospheric wave disturbances on the frequency of polarization fading during radio communications with a satellite 8-69572
- Postpischl, D.** *see* Bonafede, M. 8-77194
- Postupolski, T.**, Wisniewska, A. Wall susceptibility of magnetic materials having spherical grains with statistical distribution of diameters 8-95454
- Posvado, V.P.**, Grachev, M.I., Chuprikov, G.E. Growth from melt, structure and properties of single crystals in Tb-Y system 8-95689
- Posyado, V.P.** *see* Nikitin, S.A. 8-49869, 8-57991
- Potak, Ya.M.** *see* Pokrovskaya, N.G. 8ef21752926
- Potakhin, V.V.** *see* Klimenko, V.G. 8-86391
- Potakova, V.** *see* Belyaeva, A.I. 8-68284
- Potalytsin, Yu.F.** *see* Kovaltchuk, B.M. 8-67444
- Potancok, M.** *see* Kapralik, I. 8-80528
- Potantin, Yu.N.** *see* Podgorny, I.M. 8-57396
- Potantina, V.S.**, Vinograd, M.I., Zagulyaeva, S.V. Comparison of different methods of rating austenitic grain size 8-85074
- Potapenko, A.E.** *see* Butenko, A.N. 8-59448
- Potapenko, P.T.** *see* Emel'yanov, I.Ya. 8-82475
- Potapenko, P.T.** *see* Filipchuk, E.V. 8-74416, 8-86643
- Potapenko, Ya.L.** Temperature dependence of cathode-plasma clusterization in the heterojunction 8-67710
- Potapenko, Ya.L.** *see* Kalnev, N.A. 8-72146
- Potapkin, V.I.**, Dul'zon, A.A., Makarov, R.N. Lightning analyzer 8-88928
- Potapov, A.A.** *see* Davydov, M.S. 8-49804
- Potapov, A.I.**, Rapoport, D.A., Klopov, V.D. A mechanized unit for infrared inspection of plastic parts 8-72971
- Potapov, A.P.** *see* Glazer, A.A. 8-60318
- Potapov, A.V.**, Tsvetkova, L.E., Antropov, V.I., Volkova, G.N. Ionization and radiation characteristics of a nonequilibrium atomic nitrogen plasma 8-71459
- Potapov, A.V.** *see* Koval', V.P. 8-63473
- Potapov, E.V.** *see* Volkov, V.V. 8-60422
- Potapov, L.P.**, Shiryayev, P.P. Grain boundary migration in tungsten initiated by high hydrostatic pressure 8-51554
- Potapov, M.N.** *see* Kudryavtsev, E.K. 8-95933
- Potapov, V.I.** Heat transfer in fluid filtration in a capillary-porous body with variable parameters 8-83471
- Potapov, V.K.** *see* Antonov, V.S. 8-78840
- Potapov, V.P.** *see* Nikolaev, I.N. 8-52382, 8-80266
- Potapov, V.T.** *see* Gulyaev, Yu.V. 8-71225
- Potapova, N.A.** *see* Zatselin, N.N. 8-53133, 8-60941
- Potapova, O.G.**, Vasil'eva, I.G., Borisov, S.V. Crystal structure of praseodymium oxide iodine 8-87656
- Potard, C.** A review of the mechanisms involved in the directional solidification of Al-In emulsions at zero gravity 8-88458
- Potashev, Yu.N.** *see* Gil'denblat, G.Sh. 8-56153
- Potashnik, E.L.** *see* Markov, V.A. 8-65358
- Potbhare, V.** Shape of spectrum with ensemble of 2-body random Hamiltonians 8-81919
- Potbhare, V.**, Kota, V.K.B. Eigenvalue density for ensemble of 2-body random Hamiltonians with non-zero mean for matrix elements 8-81920
- Potekhin, B.A.** *see* Korobeinikov, V.P. 8-68689
- Potekhin, K.A.**, Kurkutova, E.N. Molecular and crystal structure of $\text{C}_2\text{H}_6\text{N}_2\text{S}_2$ 8-51528
- Potekhin, Yu.G.**, Chistyakov, E.S. Acoustical methods for rapid analysis of the free-gas concentration in liquids 8-91041
- Potekhin, Yu.I.** *see* Achkasov, Yu.M. 8-61563
- Potemkin, A.V.** *see* Arsenov, P.A. 8-63160
- Potemkin, V.V.**, Buz'ko, A.M., Tarasov, M.A. Influence of external random fields on magnetic noise 8-64229
- Potemkina, V.F.** *see* Byadretidnova, M.A. 8-80584
- Potemra, T.A.**, Bostrom, C.O., Doering, J.P., Peterson, W.K., Hoffman, R.A., Brace, L.H. AE-C observations of low-energy particles and ionospheric temperatures in the turbulent polar cap: evidence for the Kelvin-Helmholtz instability 8-96343
- Potemra, T.A.** *see* Lee, J.S. 8-88953
- Potemra, T.A.** *see* Saflekos, N.A. 8-77423
- Potemski, R.M.** *see* Monemar, B. 8-74911
- Potenza, J.A.** *see* Fawcett, T.G. 8-74787
- Potenza, R.** *see* Arena, N. 8-82357
- Poteshin, S.V.** *see* Kaminskiy, A.S. 8-80019
- Potgieter, T.I.** *see* Taljaard, J.J. 8-81324
- Poth, H.** Measurement of mobility profiles in GaAs at room temperature by the Corbino effect 8-60128
- Poth, H.** Test of CPT with antiprotons 8-82125

- Poth, H.**, Abela, R., Backenstoss, G., Blum, P., Fetscher, W., Hageberg, R., Izycki, M., Koch, H., Nilsson, A., Pavlopoulos, P., Simons, L., Tauscher, L. The antiprotonic X-ray spectrum of liquid helium 8-70979
- Poth, H.** *see* Beetz, R. 8-54806
- Poth, H.** *see* Pavlopoulos, P. 8-62443
- Poth, H.** *see* Suffert, M. 8-54642
- Pothier, E.** *see* Conetti, S. 8-93905
- Pothier, E.** *see* Hartmann, J. 8-62460
- Potienko, G.** *see* Box, H.C. 8-95938
- Potikhonov, G.N.** *see* Galanov, E.K. 8-56462
- Potmesilova, A.** Dependence of work function of the (rhodium+thorium) system on the degree of coverage by thorium 8-80039
- Potocki, Z.** Comparing the phase detectors used in NMR magnetometer 8-70171
- Pots, B.F.M.**, Van Der Sijde, B., Schram, D.C. A collisional radiative model for the argon ion (laser) system with an experimental test 8-55338
- Pots, B.F.M.** *see* van der Mullen, J.J.A.M. 8-67535
- Pots, B.F.M.** *see* van der Sijde, B. 8-71080
- Potsaid, M.S.**, Irwin, R.J., Jr., Castronovo, F.P., Prout, G.R., Jr., Harvey, W.J., Francis, M.D., Tofe, A.J., Zamenhof, R.G. ^{32}P diphosphate dose determination in patients with bone metastases from prostatic carcinoma 8-61251
- Potschke, H.** Scales and weight-measurement systems 8-70100
- Pottel, R.** *see* Kaatz, U. 8-52437
- Potter, A.E.** Environmental effects of the Space Shuttle 8-85681
- Potter, D.** The formation of high-density Z-pinch 8-59652
- Potter, D.** *see* Conetti, S. 8-93905
- Potter, D.** *see* Hartmann, J. 8-62460
- Potter, D.I.** *see* Agarwal, S.C. 8-63795
- Potter, D.I.** *see* Millillo, F.F. 8-52813
- Potter, D.I.** *see* Rehn, L.E. 8-72779
- Potter, D.W.**, Campbell, R.D. Pulse height defect and window energy loss of low energy ions in surface barrier detectors 8-74541
- Potter, D.W.** *see* Anderson, K.A. 8-85786
- Potter, G.A.** *see* Leitnaker, J.M. 8-52816
- Potter, G.L.**, MacCracken, M.C. Possible climatic impact of large-scale solar thermal energy production 8-81357
- Potter, J.** *see* Pitts, D.E. 8-65389
- Potter, J.G.** Are we teaching students to think physics or are we programming them? 8-81739
- Potter, M.T.** *see* Gomez, R.B. 8-85696
- Potter, O.E.** *see* Sridhar, T. 8-52357, 8-91929
- Potter, P.E.** Significance and origin of big rivers 8-77281
- Potter, R.C.** *see* Skeiber, S.C. 8-87200
- Potter, R.I.** *see* Hartman, K. 8-76271
- Potter, R.T.** On the mechanism of tensile fracture in notched fibre reinforced plastics 8-52991
- Potter, W.E.** *see* Kayser, D.C. 8-57348
- Pottier, L.** *see* Bouchiat, M.A. 8-82709
- Pottkhoff, H.** Some features of the Dresden phase photoelectric device attached to the transit instrument and some results of observations 8-73634
- Pottkhoff, Kh.**, Stainer, K.G. Some comments on the method of objectivization of observations with circumzenithal 8-73654
- Potton, R.J.** *see* Birss, R.R. 8-93742
- Potts, A.M.** *see* Fritz, K.J. 8-92739
- Potts, A.W.**, Lyus, M.L. The photoelectron spectrum and valence shell structure of $(\text{CuX})_3$ and $(\text{AgCl})_3$ 8-62843
- Potts, A.W.**, Lyus, M.L. Photoelectron spectra of the valence d shells of Ti(II) , In(II) Pb(II) and Sn(II) halides 8-62845
- Potts, A.W.**, Price, W.C. Photoelectron studies of ionic materials using molecular beam techniques 8-50576
- Potts, J.E.** *see* Cohen, D.K. 8-73812
- Potts, R.**, Prothero, D.H. Magnetic containment testing for JET 8-54870
- Potts, W.W.** *see* Hoffman, M.A. 8-66408
- Potupa, A.S.**, Skadorov, V.V., Fridman, A.S. Growth of the height of the inclusive spectra and the average multiplicity in the rapid pionisation model 8-89763
- Poturaev, V.N.**, Dyrdra, V.I. Fracture mechanics of viscoelastic systems 8-67145
- Potylitskii, A.P.** *see* Zabaev, V.N. 8-66124
- Potylitsyn, A.P.** Asymmetry of the coherent bremsstrahlung from polarized electrons 8-92139
- Potyomina, L.G.** *see* Natsik, V.D. 8-51910
- Potzel, W.**, Forster, A., Kalvius, G.M. The quadrupole interaction in zinc metal 8-92004
- Potzel, W.**, Kalvius, G.M., Asch, L., Friedt, J.M., Spirlet, J.C., Rebizant, J. Debye-Waller factor of Am metal 8-83902
- Potzel, W.** *see* Butz, T. 8-52385
- Potzel, W.** *see* Jove, J. 8-88231
- Pouchan, C.**, Dargelos, A., Chaillet, M. Some factors governing ab initio force constants calculations 8-90093
- Pouchard, M.** *see* Choukroun, S. 8-64476
- Pouchard, M.** *see* Demazeau, G. 8-51493
- Pouchard, M.** *see* Grenier, J.-C. 8-76640
- Pouchard, M.** *see* Vlasse, M. 8-95030
- Poucher, J.S.** *see* Alam, M.S. 8-66167
- Poucher, J.S.** *see* Stone, S.L. 8-58530
- Pouget, J.P.** *see* Comes, R. 8-75798
- Pouget, J.P.** *see* Megtert, S. 8-51912
- Pougheon, F.** *see* Kalifa, J. 8-78265
- Pougheon, F.** *see* Naulin, F. 8-50078
- Pougheon, F.** *see* Roussel, P. 8-70684
- Pouilly, B.**, Schamps, J. Electronic states of the FeF molecule. II. Ab initio calculations 8-74570
- Pouilly, B.**, Schamps, J., Lumley, D.J.W., Barrow, R.F. Electronic states of the FeF molecule. I. Analysis of rotational structure 8-74674
- Pouilly, G.** *see* Schmid, H. 8-95553
- Poujol, A.** *see* Bonnefou, P. 8-54865
- Poukey, J.W.**, Humphries, S., Jr. Fast neutralization of ion beams in the presence of transverse magnetic fields 8-78513
- Poukey, J.W.** *see* Miller, P.A. 8-50319
- Poukey, J.W.** *see* Quintenz, J.P. 8-91182
- Poukey, J.W.** *see* Shope, S. 8-78520
- Poulain, E.** *see* Goscinski, O. 8-62841
- Poulain, E.** *see* Tapia, O. 8-58609
- Poulakos, C.** Extremely red stars at $l^{\text{II}}=113^\circ$, $-10^\circ \leq b^{\text{II}} \leq +90^\circ$ 8-57554
- Poulakos, C.** A photographic photometry of 4 new flare stars 8-89207
- Poularikas, A.D.** *see* Hsing, T.R. 8-65023
- Poulet, G.**, Le Bras, G., Combourieu, J. Kinetic study of the reactions of Cl atoms with HNO_3 , H_2O_2 , and HO_2 8-85125
- Poulet, G.**, Le Bras, G., Laverdet, G., Combourieu, J. Kinetic study of $\text{Cl}+\text{HO}_2$ reaction at 298K 8-64817
- Poulet, G.** *see* Jourdain, J.L. 8-74673
- Poulet, H.**, Mathieu, J.-P. Spectrometric study of phase transitions in crystalline hydrated fluorosilicates 8-88291
- Poulet, H.** *see* Toupny-Krauzman, N. 8-56477
- Pouleur, H.** *see* Col, J. 8-81021
- Pouliet, C.N.**, Kvachkov, R., Balkanov, I.M. Influence of starting Al_2O_3 and of halogen ion additions on the structural state of the synthesized β -alumina phases 8-76620
- Poulis, J.A.**, Hooge, F.N. Thermal noise in balances and its significance for physical measurements 8-65906
- Poulis, J.A.**, Hooge, F.N. Limitations to the sensitivity of measurements in vacuum of force and weight 8-65908
- Poulis, J.A.** *see* Janssen, H.J. 8-81835
- Poulis, J.A.** *see* Schubart, B. 8-68953
- Poulose, P.K.** *see* Jones, D.L. 8-92316
- Poulsen, L.L.**, Billing, G.D., Steinfeld, J.I. Temperature dependence of HF vibrational relaxation 8-70906
- Poulsen, L.L.** *see* Billing, G.D. 8-70907
- Poulsen, P.**, Anderson, O.A., Hooper, E.B., Jr., Orzechowski, T.J., Turnbull, R.J. Negative beam generation, transport, and acceleration 8-66378
- Poulsen, R.S.** *see* Oliver, L.H. 8-73289
- Poulsen, S.** *see* Sanger, P. 8-50394
- Poulson, B.** The sensitization of ferritic steels containing less than 12% Cr 8-88566
- Poulter, K.F.** Vacuum gauge calibration by the orifice flow method in the pressure range 10^{-4} -10 Pa 8-82000
- Poulter, R.**, Snaddon, R.W.L. Polymethylmethacrylate laser-light-scattering particles in electrohydrodynamic flows 8-75236
- Pound, G.M.** *see* Thomas, M. 8-71960
- Pounds, G.** An X-ray map of deep space 8-73659
- Pountney, D.C.**, Walters, K. Nearly extensional flows 8-90944
- Poupko, R.**, Luz, Z. Hyperfine linewidth in the ESR spectra of manganese (II) complexes in solution 8-91937
- Pouquet, A.**, Fournier, J.-D., Sulem, P.-L. Is helicity relevant for large scale steady state three-dimensional turbulence? 8-75122
- Pouradier, J.F.**, Auzel, F.E. Calculation of energy transfer rates for rare earth ions. I. A unified method using standard tensor calculations 8-79965
- Pouradier, J.F.**, Auzel, F.E. Calculation of energy transfer rates for rare earth ions. II. $\text{Ho}^{3+} \rightarrow \text{Ho}^{3+}$ transfers in $\text{Ho}_x\text{Y}_{1-x}\text{F}_3$ mixed fluorides 8-79966
- Pourarian, F.** Field induced volume magnetostriiction in some rare earth- Co_2 compounds 8-91920
- Pousse, A.**, Mendel, C., Grenier, J.F. Computer analysis of intestinal electrical activity 8-80851
- Poutney, J.M.**, Harris, I.R., Winterbottom, J.M. A comparison of the electronic and crystal structure of some $\text{CeRh}_{2-x}\text{Pd}_x$ and $\text{ZrRh}_{2-x}\text{Pd}_x$ alloys and the catalytic behaviour of some $\text{CeRh}_{2-x}\text{Pd}_x$ alloys 8-84398
- Povar, M.L.** *see* Schrier, A.M. 8-77057
- Povedaillo, V.A.** *see* Borisevich, N.A. 8-74904
- Povelitsyn, G.E.** *see* Gorbunov, V.I. 8-53125
- Povey, A.F.** *see* Ansell, R.O. 8-64899
- Povh, B.** Hypernuclear spectroscopy 8-50116
- Povh, B.** *see* Bosch, F. 8-64911
- Povinec, P.** The study of past solar activity by means of cosmogenic isotopes 8-61828
- Povinec, P.** Influence of the 11-yr solar cycle on the radiocarbon variations in the atmosphere 8-92885
- Povinec, P.**, Polaskova, H., Sivo, A., Usacev, S., Burchuladze, A.A., Eristavi, I.V., Pagava, S.V., Tognidze, G.I. Techniques for high accuracy radiocarbon measurements. I. Gas proportional counting 8-74544
- Povinec, P.**, Povinec, P. Radioactivity induced in the Earth's atmosphere by solar particles 8-92886
- Povinec, P.** *see* Hlinka, V. 8-90038
- Povinec, P.** *see* Povinec, P. 8-92886
- Povinec, P.** *see* Vanko, J. 8-92562
- Povitskii, V.A.**, Baldokhin, Yu.V., Makarov, E.F., Salugin, A.N., Elistratov, N.V. Spin reorientation in hematite ($\alpha\text{-Fe}_2\text{O}_3$) with Al impurity 8-72356
- Povitskii, V.A.** *see* Koptsik, S.V. 8-64304
- Povkh, I.L.**, Eremin, G.P. Estimating the error in temperature compensation of a class of hot-wire anemometers 8-57345
- Povkh, I.L.** *see* Zavgorodnii, P.F. 8-59267
- Povlas, S.** *see* Gead, C.R. 8-65086
- Povlis, J.** *see* Forsythe, R. 8-56031
- Povolo, F.**, Toscano, E.H. On stress-relaxation in bending: for example results applied to Zircaloy-4 8-68719
- Povolotskaya, I.G.** *see* Andreev, G.A. 8-77898
- Povolotskii, E.G.** *see* Bogatin, Ya.G. 8-60600
- Povolotskii, V.D.**, Zhuravlev, L.G., Shteinberg, M.M. Martensitic transformation during deformation of Fe-Ni alloys 8-56639
- Povorova, K.B.** *see* Zaichenko, V.M. 8-91455
- Povrozin, A.I.**, Surkov, V.I., Butov, V.L. Optical Doppler instrument for measuring small turbulent flow velocities 8-90838
- Povsher, A.A.**, Sheinker, M.E., Krentsis, R.P., Gel'd, P.V. Magnetic structure of polycrystalline Mn_2Si between 66 and 100K 8-68161
- Povstyanici, L.V.** *see* Otko, A.I. 8-51674
- Pow, E.C.**, Schwanebeck, J.C., Gerberich, W.W. Hydrogen effects and cadmium segregation to grain boundaries in 7075-T6 aluminum 8-84764
- Powell, B.A.** *see* Axon, K.B. 8-67376
- Powell, B.M.** *see* Armstrong, R.L. 8-51673
- Powell, B.M.** *see* Martel, P. 8-75766
- Powell, B.M.** *see* Woods, A.D.B. 8-91402
- Powell, C.J.** Auger electron spectroscopy 8-68946
- Powell, C.J.** Solid state and atomic features in the valence-band Auger spectra of copper, silver, and gold 8-72646
- Powell, C.J.** Surface analysis by electron spectroscopy at high pressures 8-73103
- Powell, C.J.** Solid-state and atomic features in the valence band Auger spectra of copper, silver, and gold 8-76563
- Powell, C.J.** Quantitative surface analysis by electron spectroscopy 8-92552
- Powell, D.B.** *see* Gayer, R.A. 8-61375
- Powell, D.L.**, Gustavsen, J.E., Klaoeb, P., Nielsen, C.J. Raman and far infrared spectra and conformation of 1,2-diiodotetrafluoroethane 8-78715
- Powell, E.K.**, Searcy, A.W. Kinetics and thermodynamics of decomposition of dolomite to a metastable solid product 8-80740
- Powell, H.T.**, Ewing, J.J. Status of photolytic Group VI laser experiments 8-63101
- Powell, H.T.**, Ewing, J.J. Photodissociation lasers using forbidden transitions of selenium atoms 8-79010
- Powell, H.T.**, Murray, J.R., Schlitt, L.G., Taska, J. Application and performance of rare gas oxide amplifiers 8-63085
- Powell, H.T.** *see* Murray, J.R. 8-63080
- Powell, J.** *see* Hsieh, S.Y. 8-54925
- Powell, J.** *see* Wen-Shi Yu 8-58454
- Powell, J.** *see* Yu, W.S. 8-62653
- Powell, J.D.** *see* Batteh, J.H. 8-75724
- Powell, J.I.** *see* Miller, M.H. 8-86348
- Powell, J.R.**, Steinberg, M., Fillo, J., Makowitz, H. High temperature blankets for the production of synthetic fuels 8-74479
- Powell, J.R.** *see* Fillo, J.A. 8-54899, 8-58460, 8-74480, 8-94691
- Powell, J.R.** *see* Majumdar, D. 8-58407, 8-62625
- Powell, K.J.** *see* Bosetti, P.C. 8-70357
- Powell, M.** Crystallisation conditions of low-pressure cumulate nodules from the Lesser Antilles island arc 8-65267
- Powell, M.** Domestic noise insulation 8-83175
- Powell, R.** The thermodynamics of pyroxene geotherms 8-65282
- Powell, R.A.** Perturbing effects of ion-excited Auger emission during Auger-Sputter profiling studies 8-52607
- Powell, R.C.** *see* Flaherty, J.M. 8-76524
- Powell, R.C.** *see* Merkle, L.D. 8-80391
- Powell, R.C.** *see* Peterson, R.G. 8-52552
- Powell, R.C.** *see* Venikouas, G.E. 8-68556

- Powell, R.J.**, Morad, M. Optical absorption and photoconductivity in thermally grown SiO_2 films 8-64421
- Powell, R.L.**, Clark, A.F. Definitions of terms for practical superconductors. II. Critical parameters 8-52117
- Power, B.D.** Diffstaks with integral cold traps 8-70144
- Power, D.M.** *see* Buchanan, J.D. 8-85186
- Power, E.A.**, Thirunamachandran, T. On the nature of the Hamiltonian for the interaction of radiation with atoms and molecules: $(e/mc)p.A., \mu.E.$, and all that 8-54114
- Powers, D.** *see* Brown, R.B. 8-58508
- Powers, D.** *see* Chau, E.K.L. 8-63537, 8-67746
- Powers, D.R.** Kinetics of SiCl_4 oxidation 8-92380
- Powers, E.J.** *see* Kim, Y.C. 8-83550
- Powers, E.J.** *see* Krawczonek, W.M. 8-54937
- Powers, E.J.** *see* Recce Roth, J. 8-63548
- Powers, E.L.** *see* Held, K.D. 8-68995
- Powers, G.J.** *see* Sanders, C.L. 8-96077
- Powers, J.M.** *see* Roberts, J.C. 8-61283
- Powers, J.M.** *see* Sullivan, T.D. 8-63254
- Powers, J.R.**, Fortune, H.T., Middleton, R. Spins in ^{23}Na from $^{25}\text{Mg}(\text{d},\alpha)$ 8-50179
- Powers, J.R.** *see* Fortune, H.T. 8-82284, 8-82383
- Powers, L.V.** *see* Johnson, R.R. 8-51328
- Powers, R.K.** *see* Sussman, H.M. 8-65054
- Powers, R.P.**, Watson, J.E., Jr., Phelps, S.R., Fong, S.-W. Survey of external environmental radiation levels in north Carolina 8-80968
- Powles, J.G.** Brownian motion-June 1827 [for teachers] 8-86090
- Powner, D.J.**, Snyder, J.V. In vitro comparison of six commercially available thermomodulation cardiac output systems 8-77135
- Poyer, Ch.** *see* Fidecaro, G. 8-66157
- Poynton, W.A.** *see* Elsander, A. 8-64681
- Poyurovskaya, I.E.** Structure of an absorption wave associated with optical breakdown of solid transparent insulators 8-68581
- Pozdeev, O.D.** *see* Denisov, G.G. 8-68294
- Pozdnev, S.A.** *see* Drukarev, G.F. 8-70945
- Pozdnyakov, A.A.** Method of mechanically testing wood-particle board 8-56837
- Pozdnyakov, L.A.**, Sobol', I.M., Syunyaev, R.A. Effect of multiple Compton scatterings on an X-ray emission spectrum. Calculations by the Monte Carlo method 8-96389
- Pozdnyakov, Yu.V.** *see* Kochan, V.A. 8-86270
- Pozdnyakova, L.A.** *see* Zinenko, V.I. 8-67826
- Pozdnyakova, R.A.** *see* Savin, A.I. 8-81106
- Pozdnyakovich, E.V.** Uniform rotation of a rigid body containing a liquid 8-86140
- Pozela, Yu.K.** Wave instability in hot semiconductor plasma 8-84245
- Pozharova, E.A.** *see* Vaisenberg, A.O. 8-78420
- Pozhela, Yu.** *see* Dobrovol'skis, Z. 8-52026
- Pozhidaev, M.V.** On the effect of alloying of the surface layers in the process of electroerosion working 8-64760
- Pozhidaeva, N.A.** *see* Dombeck, T. 8-82255
- Pozhidaeva, N.A.** *see* Ermilova, D.I. 8-62468
- Pozin, N.V.** *see* Lyubinskii, I.A. 8-65031, 8-80885
- Pozniak, J.**, Mariani, E., Thurzo, I. Dipolar relaxation of Zr^{2+} centres in Sr^{2+} doped KCl crystals 8-75660
- Pozyukov, Yu.P.**, Lanovets, V.S., Shilin, A.I. Removal of oxide films by using ultrasonic oscillation energy 8-72935
- Pozzi, G.** *see* Lau, B. 8-82080
- Pozzi, G.** *see* Matteucci, G. 8-62005
- Pozzi, G.** *see* Merli, P.G. 8-67628
- Prabhakar, B.**, Weinberg, F. Inverse segregation in Al-10 pct Cu 8-52819
- Prabhakar Ram, R.K.** *see* Murty, S.N. 8-79385
- Prabhakar Rao, K.** *see* Mondal, P.K. 8-50880
- Prabhakara, H.R.**, Chaturvedi, S.N., Mehta, G.K. Study of isobaric analogue states in ^{52}Cr 8-70503
- Prabhakara, H.R.** *see* Chaturvedi, S.N. 8-78342
- Prabhakara Rao, N.**, Reddy, K.C. Ultrasonic relaxation studies in cyclohexanol 8-59868
- Prabhananda, B.S.** *see* Krishnamoorthy, G. 8-86892
- Prabhu, A.** *see* Viswanath, P.R. 8-75244
- Prabhu, B.T.S.**, Chakraborty, R.L.M. An urban noise model for planners 8-90599
- Prabhu, R.B.** Decay of single-particle excitations in weak-coupling superconductors 8-52147
- Prablanc, C.**, Masse, D., Echallier, J.F. Error-correcting mechanisms in large saccades 8-61175
- Pradal, F.** *see* Frandon, J. 8-80440
- Praddaude, H.C.** *see* Woskoboinikow, P. 8-67446
- Prade, B.S.** *see* Boyer, G.R. 8-69453
- Prade, H.** *see* Andrejtscheff, W. 8-86506
- Pradel, P.** *see* Scheidt, H. 8-78778
- Praderie, F.** *see* Freire, R. 8-85939
- Pradhan, A.** *see* Lal, K.B. 8-57827, 8-70021, 8-89373
- Pradhan, A.** *see* Ostrach, S. 8-83374
- Pradhan, A.K.** Fine structure transitions by electron impact in singly-ionized sulphur 8-65493
- Pradhan, A.S.**, Bhatt, R.C., Lakshmanan, A.R., Bhuwan Chandra, Shinde, S.S. A thermoluminescent fast-neutron dosimeter based on pellets of $\text{CaSO}_4:\text{Dy}$ mixed with sulphur 8-73251
- Pradhan, A.S.** *see* Bhatt, R.C. 8-70648
- Pradhan, G.K.**, Samal, P.C. Stability criteria for time-dependent flows 8-79305
- Pradhan, G.K.**, Samal, P.C. Nature of the onset of thermal convection in a completely confined porous medium 8-83387
- Pradhan, M.M.** *see* Garg, R.K. 8-90507
- Pradhan, R.**, Ansell, G.S. Kinetics of the martensite transformation in Athermal Fe-C-Ni-Cr alloys 8-80545
- Pradhan, S.D.** *see* Bhatki, K.S. 8-76550
- Pradhananga, T.M.**, Shrestha, K.K., Roy, N.N. Tracer studies of adsorption of Sr^{++} on copper 8-87863
- Praeg, W.** *see* Fasolo, J. 8-54973
- Praeg, W.F.** Protection of neutral-beam-accelerator electrodes from spark discharges 8-62609
- Praeg, W.F.** *see* Brooks, J.N. 8-54955
- Praeg, W.F.** *see* Wang, S.-T. 8-62634, 8-62640
- Praet, M.Th.** *see* Natalis, P. 8-50583
- Prager, R.** Ion implanted waveguides [integrated optics] 8-83119
- Prahm, L.P.**, Christensen, O. Long-range transmission of pollutants simulated by a two-dimensional pseudopotential dispersion model 8-57306
- Prajoto, P.**, Wazzan, A.R., Okrent, D. Computer modeling of steady state fission gas behavior in carbide fuels 8-78469
- Prakash, A.** Rayleigh-Ritz formulation of problems in sedimentology 8-92878
- Prakash, A.**, Prakash, H. Resonant scattering of laser pulses by a system of N atoms 8-74617
- Prakash, A.** *see* Sharma, H.G. 8-59427
- Prakash, A.** *see* Wee, W.G. 8-77112
- Prakash, H.** *see* Prakash, A. 8-74617
- Prakash, J.** Photochemical reaction in divalent anion doped alkali halide crystals 8-64861
- Prakash, J.** *see* Singh, K.K. 8-51761
- Prakash, M.** Shell model study of ^{52}V and ^{52}Cr and gamma decay of isobaric analogue states in ^{52}Cr 8-86492
- Prakash, M.** Transmission through biharmonic oscillator potentials: application to double-humped fission barrier 8-86524
- Prakash, O.**, Prakash, S. Acoustic properties of two component systems 8-63657
- Prakash, O.** *see* Dwivedi, K.S. 8-51614
- Prakash, O.** *see* Pandey, D.K. 8-75143
- Prakash, O.** *see* Prasad, N. 8-59861
- Prakash, O.** *see* Rajput, B.S. 8-86988
- Prakash, R.**, Bansal, L.K., Goyal, S.C. Photoelastic constants of the alkaline earth oxides 8-71781
- Prakash, S.** Kohn anomalies and phonon dispersion in transition metals 8-59886
- Prakash, S.**, Lucasson, P. Interatomic potential for copper 8-55829
- Prakash, S.**, Prasad, N., Rananjai Singh, Om Prakash Excess volume and isentropic compressibility of binary systems 8-79776
- Prakash, S.**, Sirignano, W.A. Liquid fuel droplet heating with internal circulation 8-75194
- Prakash, S.** *see* Dwivedi, K.S. 8-51614
- Prakash, S.** *see* Prakash, O. 8-63657
- Prakash, S.** *see* Prasad, N. 8-51613, 8-59861
- Prakash, S.** *see* Roy, S.R. 8-61944, 8-93490
- Prakash, V.** *see* Johri, G.K. 8-58668
- Prakash Gupta Om** *see* Om Prakash Gupta
- Prakash Jai** *see* Jai Prakash
- Prakash Om** *see* Om Prakash
- Prakash Rao, G.S.** *see* Jeevananda Reddy, S. 8-81304
- Prakouras, A.G.**, Vachon, R.I., Crane, R.A., Khader, M.S. Thermal conductivity of heterogeneous mixtures 8-87247
- Pramanik, A.K.** Waves created against a vertical cliff—a uniform asymptotic solution 8-67210
- Pramanik, D.**, Buhman, R.A., Sievers, A.J. On the anomalous absorption of ultrafine particles in the far infrared 8-56464
- Pramatarov, P.M.** *see* Blagoev, A.B. 8-71570
- Pramatarov, P.M.** *see* Kolokolov, N.B. 8-71571
- Prandle, D.**, Wolf, J. The interaction of surge and tide in the North Sea and River Thames 8-96219
- Prandtl, W.** *see* Nagele, W. 8-84390
- Prane, J.W.** Casting light on UV curables 8-88443
- Pranevicius, L.** *see* Grigonis, A. 8-64441
- Pranevicius, L.I.** *see* Serzentas, S.I. 8-87578
- Pranitskii, A.A.** *see* Kesler, N.A. 8-92429
- Prantl, G.** A simple analytical model for the thickness dependent transition from plane stress to plane strain in bodies with a crack 8-67126
- Pranyavichyus, L.I.** *see* Markelis, A.V. 8-88152
- Pranyavicius, L.** *see* Bruzas, S. 8-83840
- Prasad, A.** *see* Chung, B.T.F. 8-94564
- Prasad, A.** *see* Jain, G.C. 8-51574, 8-87691
- Prasad, B.**, Srivastava, R.S. Thermal properties and Gruneisen parameters of alkali metals employing the model potential of Krasko and Gurskii 8-71815
- Prasad, B.S.N.**, Mascarenhas, R. A laboratory experiment on the application of Stefan's law to tungsten filament electric lamps 8-54125
- Prasad, G.**, Ojha, S.N. Tetrad formalism of Maxwell equations with effect of gravitation. II 8-77784
- Prasad, G.K.** *see* Ramaswamy, K. 8-58762
- Prasad, J.** *see* Krishna, V. 8-50556
- Prasad, J.S.** On the molecular structure, packing coefficients and thermal stabilities of the homologous series p-methoxy-XY-p'-alkyl tolanes 8-95046
- Prasad, K.M.S.** *see* Kishore, G.S. 8-50766
- Prasad, L.S.R.K.** *see* Krishnamurty, T.S.G. 8-51457
- Prasad, M.** On the magnetic field dependence of resonance line width in the inversion layers 8-56380
- Prasad, M.**, Fujita, S. Quantum theory of cyclotron resonance lineshape for an electron impurity system in two dimensions 8-64083
- Prasad, M.**, Srinivas, T.K., Fujita, S. Theory of the temperature-dependent cyclotron resonance lineshape of inversion-layer electrons 8-64086
- Prasad, M.K.** Pontryagin density in Yang's R gauge 8-66044
- Prasad, M.K.** Yang's R gauge for self-dual SU(3) gauge fields 8-78088
- Prasad, N.**, Prakash, O., Singh, S., Prakash, S. Molecular interaction and other thermodynamic properties in ternary liquid mixtures 8-59861
- Prasad, N.**, Prakash, S., Dwivedi, K.S. Acoustical properties in ternary liquid mixtures 8-51613
- Prasad, N.** *see* Dwivedi, K.S. 8-51614
- Prasad, N.** *see* Prakash, S. 8-79776
- Prasad, O.H.**, Suryanarayana, M. Third order elastic constants of RbAg_2I_3 at room temperature using only the 110 cut 8-59848
- Prasad, O.H.**, Suryanarayana, M. Third-order elastic constants of columbium 8-75733
- Prasad, P.L.** Infrared intensities. Acetylene 8-58686
- Prasad, P.N.** Phonon bands in a mixed-stack crystalline organic charge-transfer complex 8-75767
- Prasad, P.N.** *see* Bolton, B.A. 8-88294
- Prasad, R.** On the analysis of sum-coincidence spectra 8-70718
- Prasad, R.C.** *see* Kalluri, D. 8-67360, 8-67361
- Prasad, R.D.G.**, Clouter, M.J., Paddi Reddy, S. Observation of U-branch transitions in the infrared fundamental band of solid hydrogen 8-64361
- Prasad, S.N.**, Sharma, P.V. Palaeomagnetism of the Nexø sandstone from Bornholm Island, Denmark 8-85472
- Prasad, S.R.J.** *see* Esvar Prasad, S.R.J.
- Prasad, S.V.** *see* Jayatilaka, A. de S. 8-67105
- Prasad, T.** *see* Ranga see Ranga Prasad, T.
- Prasad, Y.V.R.K.** *see* Yegneswaran, A.H. 8-80559
- Prasad Pathak, R.** *see* Kumar Dubey, R. 8-75172
- Prasada, B.**, Mounts, F.W., Netravali, A.N. Level reassignment: a technique for bit-rate reduction 8-55307
- Prasada Rao, N.V.N.** *see* Durga Prasad Rao, N.V.N.
- Prasol, H.** *see* Moraw, M. 8-74012
- Prasolov, B.N.** *see* Postnikov, V.S. 8-63804
- Pratap, M.** *see* Baubillier, R. 8-93877
- Pratap, M.** *see* Bust, C.P. 8-93909
- Pratap, M.** *see* Singer, R. 8-54659
- Pratap, M.** *see* Whitmore, J. 8-74289
- Pratap, R.** *see* Tirodkar, P.P. 8-88051
- Pratap, V.**, Verma, B.K. Thermoelectric power and AC conductivity of A-type Nd_2O_3 8-68044
- Pratap, V.** *see* Lal, H.B. 8-56288, 8-72447
- Prater, J.T.** *see* Onn, D.G. 8-68274
- Prater, R.**, Ejima, S., Ohkawa, T., Seung Kai Wong Observation of the dissipative trapped electron instability in toroidal geometry 8-51293
- Prathap, G.** Nonlinear vibration of beams with variable axial restraint 8-94605
- Prathap, G.**, Pandalai, K.A.V. On asymptotic solutions to the nonlinear vibrations of curved elements 8-90757
- Prathap, G.**, Varadan, T.K. On the non-linear vibrations of rectangular plates 8-63362
- Prathap, G.**, Varadan, T.K. Large amplitude flexural vibration of stiffened plates 8-83307
- Prathap, G.**, Varadan, T.K. The large amplitude vibration of tapered clamped beams 8-83311
- Prather, M.J.**, Logan, J.A., McElroy, M.B. Carbon monoxide in Jupiter's upper atmosphere: an extraplanetary source 8-93144
- Prato, D.F.**, Condat, C.A. On the force acting on a point charge in the presence of a conductor 8-49605
- Pratt, D.W.** *see* Yamauchi, S. 8-80250

- Pratt, H.L. Compact flowing gas system for CO₂ lasers 8-87067
- Pratt, J. *see* Hoffmann, G.W. 8-62674
- Pratt, J.C. *see* Auerbach, L.B. 8-82203, 8-93882
- Pratt, J.C. *see* Hoffman, G.W. 8-54760
- Pratt, K.F. *see* Jenkins, H.D.B. 8-83769
- Pratt, L.R., Hsu, C.S., Chandler, D. Statistical mechanics of small chain molecules in liquids. I. Effects of liquid packing on conformational structures 8-71656
- Pratt, L.R. *see* Hsu, C.S. 8-63656
- Pratt, P.L. Grain size and fracture toughness of alumina 8-72883
- Pratt, P.L. *see* Weston, J.E. 8-95715, 8-95716
- Pratt, R.H. *see* Parker, D.W. 8-51008
- Pratt, R.G., Tseng, H.K., Lee, C.M., Kissel, L., MacCallum, C., Riley, M. Bremsstrahlung energy spectra from electrons of kinetic energy $1\text{ keV} \leq T_1 \leq 2000\text{ keV}$ incident on neutral atoms $2 \leq Z \leq 92$ 8-62920
- Pratt, R.H. *see* Botto, D.J. 8-94219
- Pratt, R.H. *see* Tseng, H.K. 8-58635
- Pratt, R.H. *see* Young Soon Kim 8-82684
- Pratt, R.L., Bowsher, J.M. The subjective assessment of trombone quality 8-83184
- Pratt, W.K. Two dimensional unitary transforms [image processing] 8-58928
- Pratt, W.P., Jr. *see* Uher, C. 8-91673
- Pravdin, N.A., Soroka, V.V., Tsarev, Yu.N. The structure of absorption spectra of irradiated crystal and melt quartz 8-92091
- Pravdo, S.H., Becker, R.H., Boldt, E.A., Holt, S.S., Serlemitsos, P.J., Swank, J.H. Observations of low-luminosity X-ray sources in Vela-Puppis 8-93458
- Pravednikov, A.N. *see* Mostovoi, R.M. 8-76061
- Pravotorov, V.V., Filatov, A.I. KG21 gamma-ray dosimeter 8-74509
- Prazak, F. *see* Adam, J. 8-74334
- Prazak, J., Vincour, J. A method of calculation of finite geometry effects in scattering experiments 8-82596
- Precht, W. *see* Dogil, B. 8-59720
- Precht, W. *see* Horodecki, A.J. 8-64149
- Precht, A. On the electrodynamics of deformable media. I 8-49678
- Precht, A. On the electrodynamics of deformable media. II 8-49679
- Precht, A. On the phenomenological theory of ferromagnetism 8-52184
- Precht, A. An electrodynamic theory of bodies at rest including quadrupoles 8-81858
- Precker, J.W. Gamma ray induced electric conductivity of high purity silicon at low temperatures 8-52002
- Preda, A.M. *see* Cristescu, C.P. 8-79002
- Predel, B., Gerdes, F. Thermodynamic properties of liquid alloys of the InSb-Pb and InSb-Bi system 8-75847
- Predel, B., Oehme, G., Vogelbein, W. Calorimetric investigation of solid and liquid Ag-Li alloys 8-52773
- Predel, B. *see* Frebel, M. 8-92257
- Predel, B. *see* Gust, W. 8-52822
- Predel, B. *see* Kohl, J.-G. 8-83987
- Predel, B. *see* van Benthem, H. 8-52599
- Predtechenskii, B.S., Grechushnikov, B.N., Kachinskii, V.N., Starostina, L.S. Photoconductivity of cuprous oxide crystals made by zone melting 8-52029
- Predvoditelev, A.A., Igonin, S.I. Computer modelling of broadening of slip bands 8-59808
- Predvoditelev, A.A. *see* Pasternak, N.A. 8-51864
- Predvoditelev, A.A. *see* Zakharova, M.V. 8-75708
- Preece, B.P. Stop the funeral for physical science careers 8-69932
- Preece, C.M. *see* Hansson, I. 8-59435
- Preece, C.M. *see* Vaidya, S. 8-53002
- Preece, R.J., Hitchcock, J.A. Simultaneous diffusion of heat and moisture through isotropic porous media with varying physical properties 8-94543
- Freedom, B.M., Darden, C.W., Edge, R.D., Marks, T., Saltmarsh, M.J., Gabathuler, K., Gross, E.E., Ludemann, C.A., Bertin, P.Y., Blecher, M., Gotow, K., Alster, J., Burman, R.L., Perroud, J.P., Redwine, R.P. $\pi^+ + d \rightarrow p + p$ reaction at 40, 50, and 60 MeV 8-70571
- Freedom, B.M. *see* Burman, R.L. 8-70573
- Freedom, B.M. *see* Lunke, C. 8-94035
- Freedom, B.M. *see* Malbrough, D.J. 8-70570
- Preis, H. *see* van Mark, E. 8-55032
- Preis, K. *see* Bonek, E. 8-55389
- Preist, T.W. The coupled-channel method—a Faddeev calculation? 8-86929
- Preite-Martinez, A. *see* Fusco-Femiano, R. 8-93383
- Preite-Martinez, A. *see* Panagia, N. 8-85994
- Prejsma, M. *see* Sitek, J. 8-59758, 8-64305
- Prekopa, A., Szantai, T. A new multivariate gamma distribution and its fitting to empirical streamflow data 8-81240
- Prelas, M.A., Anderson, J.H., Boody, F.P., Miley, G.H. A direct nuclear-pumped laser approaching feedback laser fusion needs 8-58445
- Prelec, K. Negative hydrogen ion sources for neutral beam injectors 8-54919
- Prelovsek, P. Numerical study of the conductivity in the vicinity of mobility edges 8-76038
- Prelovsek, P., Sega, I. Numerical simulation of the classical Ising model in a transverse field statical properties 8-56326
- Prelovsek, P., Sega, I. Critical dynamics simulation of the classical Ising model in a transverse field 8-59930
- Prelovsek, P., Sega, I. Molecular-dynamics study of the classical Ising model in a transverse field 8-80115
- Prem Nath *see* Banerjee, A. 8-52666
- Premaswarup, D. *see* Rangacharyulu, M. 8-70850
- Premuda, F. *see* Landini, P. 8-50232
- Prenna, G. *see* Giordano, P. 8-57144
- Prentice, A.J.R. Formation of the satellite systems of the major planets 8-69714
- Prentice, J.D. *see* Beaufays, J. 8-82248
- Prentice, J.D. *see* Kennedy, C.N. 8-74276
- Prentice, R. *see* Axon, K.B. 8-67376
- Prentice, T.C. *see* Cottell, K.R.J. 8-68663
- Preobrazhenskii, N.G., Suvorov, A.E. An elementary problem of radiation kinetics with arbitrary initial conditions 8-51051
- Preobrazhenskii, N.G. *see* Bulyshev, A.E. 8-67217, 8-71539
- Preobrazhenskii, N.G. *see* Pikalov, V.V. 8-91072
- Preobrazhenskii, S.N., Denisov, Yu.P. Study of the influence of oestrogens on the interaction of calcium in ions with the membranes of the mitochondria 8-53349
- Preobrazhenskii, V.L., Savchenko, M.A., Ekonomov, N.A. Nonlinear self-interaction of acoustic waves in an antiferromagnet with anisotropy of 'easy plane' type 8-80187
- Preobrazhensky, N.G. *see* Bulyshev, A.E. 8-67406
- Preobrazhensky, N.G. *see* Kurbatov, A.A. 8-75396
- Preobrazhensky, N.G. *see* Pickalov, V.V. 8-67435
- Preobrazhensky, V.B., Zhernova, Z.Ja., Babichev, A.P., Kobrin, I.K., Lukyauze, E.A., Kalija, O.L. The structure and superconductivity of dye intercalated layered compound TaS₂-copper tetra-4-dimethylaminophthalocyanine 8-84342
- Preparata, G. *see* Csikor, F. 8-86452
- Presby, H.M., Astle, H.W. Optical fiber index profiling by video analysis of interference fringes 8-55460
- Presby, H.M., Marcuse, D., Astle, H.W. Automatic refractive-index profiling of optical fibers 8-79104
- Presby, H.M. *see* Tasker, G.W. 8-71199
- Prescott, C.Y., Atwood, W.B., Cottrell, R.L.A., DeStaebler, H., Garwin, E.L., Gonidec, A., Miller, R.H., Rochester, L.S., Sato, T., Sherden, D.J., Sinclair, C.K., Stein, S., Taylor, R.E., Clendenin, J.E., Hughes, V.W., Sasao, N., Schuler, K.P., Borghini, M.G., Lubelsmeyer, K., Jentschke, W. Parity non-conservation in inelastic electron scattering 8-89719
- Prescott, L.C. *see* Blake, P.R. 8-73596
- Prescott, S.R., Risby, T.H. Determination of ruthenium in automobile exhaust emissions by negative ion chemical ionization mass spectrometry [Pd, Pt and Ru chelates, preparation, structure] 8-61079
- Prescott, W.H. *see* Savage, J.C. 8-85490, 8-92803
- Presle, G. *see* Horvath, H. 8-61730
- Presnajder, P. *see* Masejova, A. 8-89753
- Presnell, R. *see* Minkoff, J. 8-73580
- Presnov, V.A. *see* Klimenkova, N.T. 8-52581
- Presnov, V.A. *see* Yur'ev, N.V. 8-64923
- Presnova, L.A. *see* Zakgeim, E.L. 8-95507
- Presnyakov, A.A. *see* Chernysheva, Yu.P. 8-56659
- Presnyakov, A.A. *see* Umurzakov, T.A. 8-60686
- Presnyakov, L.P. Charge exchange of highly charged ions in neutral atoms 8-62913
- Press, M.J., Arrott, A.S. Flow induced Grandjean lines in cholesteric liquid crystals 8-71670
- Press, W., Huller, A. On the orientational order in β -nitrogen 8-67667
- Press, W.H. Flicker noises in astronomy and elsewhere 8-57473
- Press, W.H. *see* Smarr, L.L. 8-73625
- Presser, N., Ratner, M.A., Sundheim, B.R. Lifetime studies on the phosphorescence of the tetrahedral tetrahalomanganate ion in fused salts and solids 8-72573
- Pressigout, R., Frit, B. Some tellurites and tellurates of thallium 8-51518
- Prest, W.M., Jr. *see* Penwell, R.C. 8-67665
- Prestele, K., Franetzk, M. An integration method for the automatic determination of the cardiac output from the impedance cardiogram 8-92719
- Prestele, K. *see* Weigl, A. 8-92720
- Prestidge, H.G. *see* Winter, R.E. 8-80694
- Presting, W. *see* Dlubek, G. 8-86726
- Preston, A. *see* Weinstock, E.M. 8-70867
- Preston, G.A.N. *see* Caelli, T.M. 8-69094
- Preston, G.W. *see* Vaughan, A.H. 8-73646
- Preston, G.W. *see* Wolff, S.C. 8-85952, 8-89199
- Preston, J., Nisley, R. Simple frequency modulation model for surface reflection of a CW tone 8-83161
- Preston, J.T. *see* Kaufman, J.J. 8-62714
- Preston, K., Jr. Applications of the Golay transform to image analysis in cytology and cytogenetics 8-61152
- Preston, K., Jr. Trade-offs in optical computing 8-78949
- Preston, K., Jr. *see* Czerwinski, M.G. 8-73186
- Preston, K.F. *see* Boate, A.R. 8-68381, 8-72411
- Preston, K.F. *see* Morton, J.R. 8-91955, 8-91956
- Preston, M.A. *see* Van Dijk, W. 8-70394
- Preston, R.K. *see* Solarz, R.W. 8-85134
- Prestrude, A.M., Johnstone, S.M. Effect of skin surface temperature on localization error and two-point threshold 8-77072
- Prestrude, A.M., Watkins, L., Watkins, J. Interocular light adaptation effect on the Lie 'specific threshold' 8-69079
- Prestwich, W.V. *see* Kennett, T.J. 8-57861, 8-57862, 8-70103
- Presutti, E. *see* Benfatto, G. 8-49952
- Prete, J.D. Is the concept of 'motion' obsolete? 8-93508
- Prete, M.D. *see* Calcagnile, G. 8-65195
- Pretorius, R., Harris, J.M., Nicolet, M.-A. Reaction of thin metal films with SiO₂ substrates 8-51851
- Pretorius, R., Olowofale, J.O., Mayer, J.W. Radioactive silicon tracer studies of the formation of CrSi₂ on Pd₂Si and PtSi 8-60578
- Pretorius, R. *see* Brink, J.A. 8-94314
- Pretorius, R. *see* Lutz, H.O. 8-50628, 8-78793
- Pretre, S. *see* Babocsay, L. 8-55048
- Pretsch, H. *see* Bauer, H.J. 8-71860
- Pretzl, K. *see* Corden, M.J. 8-62470
- Preu, P. *see* Haussuhl, S. 8-55905
- Preuss, D.R., Gole, J.L. The temperature dependence of chemiluminescent reactions—activation energies for excited state formation 8-66818
- Preuss, E. *see* Pauling-Toth, I.I.K. 8-69893
- Preuss, E. *see* Pauliny-Toth, I.I.K. 8-69902
- Preuss, E. *see* Shaffer, D.B. 8-86029
- Preuss, R., Bunker, R.J., Peyerimhoff, S.D. MRD-CI calculations for the structure and stability of the HSiN-HNSi isomers 8-82635
- Preuss, W. *see* Hardt, H.J. 8-55055
- Preusser, P. *see* Stephan, K. 8-90658
- Prevorsek, D.C., Kwon, Y.D. Structural interpretation of endurance of polymeric fibers 8-52967
- Prevot, B., Schwab, C., Dörner, B. Phonon dispersion in red HgI₂ 8-75756
- Prevot, L. *see* Lucas, J. 8-65258
- Prewitt, J.M.S., Barber, A., Wu, S.C. An application of pattern recognition to histology 8-73291
- Prewo, K.M. *see* Bhowal, P.R. 8-80605
- Priblyov, N.N. *see* Kirillov, V.I. 8-56509
- Price, A.C. *see* Coleman, M.C. 8-60827
- Price, C.T. *see* Santee, G.E., Jr. 8-83508
- Price, D.C. Indirect magnetic coupling between local moments in metals 8-52207
- Price, D.C. *see* Ross, R.N. 8-68008
- Price, D.L., Clinton, W.L., Cohen, M.H., Freeman, A.J., Seiden, P.E. Electronic, optical, magnetic and thermal properties 8-88412
- Price, E. *see* Paulson, R.W. 8-78970
- Price, G.P. *see* Lister, G.S. 8-96201
- Price, H.G., Jones, G.D., Lornie, P.R.G., Twin, P.J. High spin states in ⁴²Ca 8-50186
- Price, H.G. *see* Kogan, A. 8-50120
- Price, H.G. *see* Lornie, P.R.G. 8-62483
- Price, H.G. *see* Simister, D.N. 8-70424
- Price, K.W. *see* Ballou, J.E. 8-73264
- Price, K.W., Holeman, G.R., Nath, R. A technique for determining fast and thermal neutron flux densities in intense high-energy (8-30 MeV) photon fields 8-94157
- Price, K.W., Nath, R., Holeman, G.R. Fast and thermal neutron profiles for a 25-MV X-ray beam 8-73246
- Price, L.E. Elastic scattering near 90° c.m.: tests of parton and resonance models 8-89728
- Price, L.E., Jenkins, K.A., Klem, R., Miller, R.J., Schreiner, P., Courant, H., Makdisi, Y.I., Marshak, M.L., Peterson, E.A., Ruddick, K. High resolution measurement of πp elastic scattering near 90° c.m. 8-78209
- Price, L.E. *see* Makdisi, Y. 8-78221

- Price, L.R.** CCA-II: An improved system for emission computed tomography (ECT) 8-73285
- Price, L.W.** Advances in liquid scintillation instrumentation 8-86728
- Price, M.J.** Limb brightening on Uranus: an interpretation of the $\lambda 7300$ Å methane band 8-85902
- Price, M.J., Franz, O.G.** Limb brightening on Uranus: the visible spectrum. II 8-61797
- Price, P.B., Kelly, J.C.** Channeling of protons and $^3\text{He}^+$ in alkali halides in radiation-damaged conditions 8-79656
- Price, P.B., Stevenson, J.** Mass-independent correlation of fragment velocity and source velocity in nucleus-nucleus and proton-nucleus collisions 8-93979
- Price, P.B.** see Cartwright, B.G. 8-74535
- Price, P.F.** see Smith, V.H., Jr. 8-71637
- Price, R.H.** see Cunningham, C.T. 8-93297
- Price, R.I.** Rotational predissociation of HeH^+ : the effect of nuclear motion on ro-vibrational energies and widths 8-70885
- Price, W.C., Ibrahim, R.A.** 'teaching' photoelectron spectrometer 8-86078
- Price, W.C.** see Potts, A.W. 8-50576
- Price, W.G., Jr.** The cost of tritium bred in a critical fission reactor 8-58456
- Prichard, K.A.** see Hellwig, H. 8-57908
- Prichard, K.A.** see Hellwig, H.W. 8-54345
- Prichko, Yu.V.** see Kamenskii, N.N. 8-59147
- Pridantsev, A.I.** see Deev, V.I. 8-87383, 8-90983
- Pridatchenko, Yu.V.** Aspects of the rheological behaviour of low concentration suspensions of rigid ellipsoidal particles 8-75187
- Priddle, E.K.** Fatigue crack growth in a high strength steel 8-64697
- Pridham, R.G., Mucci, R.A.** A novel approach to digital beamforming 8-50989
- Priebe, L.A., Welch, A.J.** Asymptotic rate process calculations of thermal injury to the retina following laser irradiation 8-80916
- Priedhorsky, W.C.** see Krzeminski, W. 8-86037
- Prieels, R.** see Argan, P. 8-82333
- Priest, E.R.** The structure of coronal loops 8-89155
- Priest, E.R.** see Tur, T.J. 8-89162
- Priest, P.** see Ronneau, C. 8-73545
- Priest, R.G.** Renormalization group calculation applied to the nematic-isotropic phase transition 8-59937
- Priest, R.G.** see Jackson, D.A. 8-93764
- Priester, L.** see Moulin, G. 8-52798
- Priestley, K., Brune, J.** Surface waves and the structure of the Great Basin of Nevada and western Utah 8-73336
- Priestley, M.G.** see Harte, G.A. 8-75982
- Prieto, P.** see Paz, R. 8-68358
- Prieux, B.** see Berge, Ph. 8-60866
- Prieve, D.C., Gerhart, H.L., Smith, R.E.** Chemiphoresis—a method for deposition of polymer coatings without applied electric current 8-64763
- Priezzhev, V.B.** Combinatorial aspects of the dimer problem 8-54315
- Prigent, R.** see Barbry, F. 8-55054
- Prigge, S., Niehus, H., Bauer, E.** Electron stimulated desorption ion energy distribution (ESDIED) and surface structure: O on W(100) 8-75940
- Prigge, S.** see Green, A.K. 8-91569
- Prigo, R.B.** Piagetian-styled and process-based physics lecture course for liberal arts majors 8-73800
- Prigo, R.B., Rosales, A.** A quick and simple laser fountain [for teachers] 8-81769
- Prigogine, I., Grecos, A., George, Cl.** On the relation of dynamics to statistical mechanics 8-49748
- Prigogine, I., Mayne, F., George, C., de Haan, M.** Microscopic theory of irreversible processes 8-49784
- Prigogine, I.** see George, C. 8-89611
- Primak, M.A.** see Danilevich, V.V. 8-57903
- Prikazchikov, V.G.** see Lyashko, I.I. 8-54154
- Prikhod'ko, A., Liberis, Yu., Bareikis, V., Cesnys, A.** Noise level in thin-film polycrystalline Se-Ag₂Se heterostructure exhibiting memory switching 8-84288
- Prikhod'ko, V.N.** Testing intercrystalline corrosion by the attenuation of ultrasonic radiation 8-56827
- Prikhod'ko, V.N.** Ultrasonic inspection of stainless steels for intergranular corrosion 8-60912
- Prikhod'ko, V.N.** Ultrasonic methods of revealing intergranular corrosion of stainless steels 8-95898
- Prikhod'ko, V.N., Kirilova, L.G.** Determination of intergranular defectiveness with the aid of inductive instruments 8-53075
- Prikhodskaja, O.I.** see Kulik, O.M. 8-55549
- Prilepskii, V.N.** see Barabanov, B.N. 8-51367
- Prilezhaev, D.S.** see Dakhovnyi, A.M. 8-79058
- Prilezhaev, D.S.** see Guba, B.S. 8-66836
- Prilezhaeva, T.A.** see Ivanov, N.E. 8-70188
- Prilutsky, O.F.** see Berezinsky, V.S. 8-65638
- Primachenko, V.E.** see Antoshchuk, V.V. 8-56206
- Primak, W.** Dependence of the compaction of vitreous silica on the ionization dose 8-67738
- Primak, W.** Swelling of refractory materials and silicate glasses on proton, deuteron, and helium ion bombardment 8-67750
- Primakoff, H.** see Hwang, W.-Y.P. 8-82320, 8-86511
- Primbsch, J.H.** see Anderson, K.A. 8-85787
- Primdahl, F.** see Mikkelsen, I.S. 8-77405
- Primmerman, C.A., Johnson, F.B., Wigdor, I.** Thermal-blooming compensation using the CLASP system 8-94407
- Primot, J.** see Torres, J. 8-92252
- Prince, A.** see Evans, D.S. 8-88445, 8-88446
- Prince, E., Choi, C.S.** Ammonium azide 8-79574
- Prince, E., Wlodawer, A., Santoro, A.** Flat-cone diffractometer utilizing a linear position-sensitive detector 8-67624
- Prince, H.D.** see Olson, R.H. 8-73459
- Prince, J.G.** see Booth, J.G. 8-52253
- Prince, J.L., Bullard, D.B., Infinger, K.R., Lathrop, J.W.** High temperature MOSFET characteristics for geothermal instrumentation 8-73553
- Prince, R.A.** see Scheidegger, K.F. 8-53626
- Prince, R.H., Floyd, G.R.** Electron stimulated desorption study of oxygen adsorption on tungsten. Evidence for order-disorder transition 8-71985
- Princen, H.M.** see Aronson, M.P. 8-51797
- Principe, J.C., Smith, J.R., Paige, A.** Microcomputer based digital filter for electroencephalogram processing 8-73278
- Prindle, A.L.** see Meyer, R.A. 8-70496
- Prindle, A.L.** see Nethaway, D.R. 8-70491
- Prineas, R.J.** see Crow, R.S. 8-77140
- Pringle, I.R.** Rb-Sr ages of silicic igneous rocks and deformation, Burlington Peninsula, Newfoundland 8-65212
- Pringle, J.E.** see Cooke, B.A. 8-65607
- Pringle, J.E.** see Fabian, A.C. 8-93317
- Pringle, J.E.** see Papaloizou, J. 8-93210
- Pringot, J., Niepel, J.** Indirect radiographic technique using the Sircam cameras and an RBV 25/17 HN X-ray image intensifier in radiology of the digestive tract 8-92694
- Prinn, A.E.** A fast gas valve 8-57970
- Prinn, A.E.** see Tsagas, N.F. 8-59689
- Prins, M., Coolen, F.C.M., van Schaik, N., Smits, R.M.M.** Transfer of excitation between the 2p levels of neon by collisions with neon atoms 8-58620
- Prins, M.** see Smits, R.M.M. 8-67497
- Prinz, F.** see Korner, A. 8-71735
- Prinzler, H.** see Heymann, P. 8-75316, 8-75321
- Prior, E.J., Oza, B.J.** First comparison of simultaneous IRIS, BUV, and ground-based measurements of total ozone 8-81291
- Prior, W.** see Bostick, W.H. 8-58093
- Prischepionok, S.** Natural topology for linear representations of semi-simple Lie algebras 8-77665
- Prisco, R.A., Chamberlain, J.W.** Spectral line profiles in a planetary corona: a collisional model 8-7750
- Prishchepo, V.A.** see Afanas'ev, Yu.V. 8-77355, 8-77355
- Prishchepov, V.F.** see Livshits, L.D. 8-51553
- Prishivalko, A.P.** see Astafeyeva, L.G. 8-77328
- Pristavakina, Ye.I.** see Svetov, B.S. 8-61581
- Pristupa, A.I.** see Frankevich, E.L. 8-64062, 8-88230, 8-91619
- Prisyazhnyi, V.D.** see Snezhkov, V.I. 8-84578
- Pritchard, D.** see Kligler, D. 8-62775
- Pritchard, D.E., Ahmad-Bitar, R., Lapatovich, W.P.** Laser spectroscopy of bound NaNe and related atomic physics 8-86871
- Pritchard, D.E.** see Brunner, T.A. 8-90272
- Pritchard, D.E.** see Phillips, W.D. 8-94309
- Pritchard, D.E.** see Smith, N. 8-92442
- Pritchard, D.S.** see Dreher, P.A. 8-61966
- Pritchard, H.O.** see Wai-Tak Ma 8-62737
- Pritchard, H.O.** see Yau, A.W. 8-59544, 8-80712
- Pritchard, R.G.** see Adams, J.M. 8-55841
- Pritchett, W.C.** see Berry, B.S. 8-64253, 8-79666, 8-80188
- Pritchett, J.W.** see Brownell, D.H., Jr. 8-61379
- Pritchett, J.W.** see Garg, S.K. 8-81223
- Pritchett, P.L., Wu, C.C., Dawson, J.M.** Interchange instabilities in a compressible plasma 8-91076
- Pritt, A.T., Jr., Coombe, R.D.** I^* ($5^2\text{P}_{1/2}$) quenching by the hydrogen halides 8-63114
- Pritt, A.T., Jr.** see Coombe, R.D. 8-63106
- Pritze, B.** see Stosser, R. 8-55187
- Pritzlaff, B., Stahl, H.** Interstitial iron(II)-chloride compounds with graphite. I. Formation by reduction of iron(III)-compounds with $\text{Fe}(\text{CO})_5$ 8-63721
- Prival, H.G.** A model of the ion sputtering process 8-88398
- Privalov, G.A.** see Shalashov, G.I. 8-88606
- Privalov, V.E.** Oscillations in a gas-laser discharge 8-55339
- Privalov, V.I.** see Tarasov, V.P. 8-58723
- Privalova, P.A.** see Starozhukov, D.I. 8-86516
- Privalova, T.A.** see Antipenko, B.M. 8-90116
- Prives, J.M.** see Spector, I. 8-53363
- Privezentsev, V.V.** see Ivanovskii, M.N. 8-75037
- Privorotskii, I.A.** Surface sound waves on the domain boundaries in ferroelectrics and their contribution to the low-temperature specific heat 8-71937
- Privoznik, K.G., Daniel, K.J., Incropera, F.P.** Absorption, extinction and phase function measurements for algal suspensions of *Chlorella pyrenoidosa* 8-92604
- Priyatkin, A.A., Gudovskikh, S.S.** Usage of dielectric constant and electric resistance of rocks for studying their texture heterogeneity 8-96195
- Prnka, T., Sobotka, J.** On the hardening mechanisms of low alloy steels with dispersion phase of vanadium carbide 8-60676
- Probert, P.H.** see O'Doherty, R.J. 8-59648
- Probert, S.D.** see Janikowski, H.E. 8-94702
- Probst, P.** see Joskowicz, G. 8-88736
- Procaccia, I., Mukamel, S., Ross, J.** On the theory of unimolecular reactions: Application of mean first passage time to reaction rates 8-60986
- Proch, D.** see Brunner, F. 8-73065
- Proch, D.** see Kompa, K.L. 8-62865
- Prochaska, E.S.** see Andrews, L. 8-80736
- Prochaska, F.T., Andrews, L.** Matrix photoionization studies of trifluoromethyl halide systems. Infrared spectra of the CF_3^+ , CF_3X^+ , and CF_3X^+ cations in solid argon 8-74710
- Prochaska, F.T., Andrews, L.** Matrix radiolysis and photoionization of CFCl_3 -Infrared spectra of CFCl_3^+ and the parent cation 8-76893
- Prochaska, F.T., Andrews, L.** Matrix radiolysis and photoionization of CF_2Cl_2 and CF_3Cl . Infrared spectra of CF_2Cl^+ and the parent cations 8-80767
- Prochazkova, O., Srobar, F.** Correlation between preparation variables and dielectric data of GaN formed by GaAs conversion 8-60591
- Prochorow, J.** see Deperasinska, I. 8-82765
- Procter, R.P.M.** see Ashworth, V. 8-88569
- Proctor, I.D.** see Lanier, R.G. 8-93929
- Proctor, M.R.E.** see Galloway, D.J. 8-71399
- Proctor, T.R., Stwalley, W.C.** The long-range interactions of metastable helium atoms (2^1S , 2^3S) with rare gas and hydrogen atoms 8-70895
- Proctor, W.A., Genoni, T.C.** A lower bound for the length of an autoresonant accelerator 8-50419
- Proctor, W.G.** see Lehto, A. 8-60083
- Prodan, V.D.** see Rozneritsa, Ya.A. 8-72568
- Prodehl, C.** see Bamford, D. 8-73329
- Prodehl, C.** see Morelli, C. 8-65209
- Profir, S.G.** see Dekhtyar', L.I. 8-60901
- Prohaska, O.** see Kollner, W. 8-85410
- Prohorofo, S.** Spectroscopic analysis of multi-component inhomogeneous plasmas 8-67425
- Prokazov, A.V.** see Perepechko, I.I. 8-91575
- Prokert, F.** Neutron and light scattering from ferroelectric fluctuations and domain walls of strontium barium niobate 8-64336
- Prokhorenko, M.M.** see Raevskii, A.N. 8-81329
- Prokhorets, I.M.** see Arkatov, Yu.M. 8-66264
- Prokhorov, A.D.** see Buchachenko, A.L. 8-88120
- Prokhorov, A.D.** see Kozhukhar', A.Yu. 8-88185
- Prokhorov, A.M., Gulyaev, Yu.V., Proklov, V.V., Korabiev, E.M., Andreev, A.S., Sychugov, V.A., Lyndin, N.M.** High-frequency plane acousto-optical light modulators based on lithium niobate 8-79106
- Prokhorov, A.M.** see Belov, A.V. 8-50936
- Prokhorov, A.M.** see Belovolov, M.I. 8-71224
- Prokhorov, A.M.** see Byistrov, V.P. 8-76428
- Prokhorov, A.M.** see Karlov, N.V. 8-64867
- Prokhorov, A.M.** see Zolotov, E.M. 8-59146
- Prokhorov, E.N.** see Borisov, R.K. 8-67565
- Prokhorov, S.G.** see Sakharov, V.A. 8-88176
- Prokhorov, S.S.** see Svirin, M.I. 8-86537
- Prokhorov, V.G.** see Pan, V.M. 8-52118, 8-52152
- Prokhorov, V.M.** see Voronov, F.F. 8-75704
- Prokhorova, S.D.** see Smolenskii, G.A. 8-76401
- Prokhorova, T.I.** see Galant, E.I. 8-88364
- Prokhorova, T.I.** see Leko, V.K. 8-64580
- Prokhorovich, A.V.** see Glinchuk, K.D. 8-84645
- Prokhorovich, A.V.** see Vovnenko, V.I. 8-72593
- Prokhr, N.Z.** see Yanko, A.K. 8-65778
- Prokhratlov, E.V., Franke, V.A.** Stability of string type solutions in classical gauge field theories 8-62317
- Prokhratlov, V.G.** see Bakhranova, N.P. 8-52733
- Prokic, D.** Measurement of substance mass with weights adjusted to a new conditional density 8-49800

- Prokic, D.** On estimations of measuring instruments errors 8-57886
- Prokic, M.** Improvement of the thermoluminescence properties of the non-commercial dosimetry phosphors $\text{CaSO}_4:\text{Dy}$ and $\text{CaSO}_4:\text{Tm}$ 8-58550
- Proklov, V.V., Antonov, S.N., Mesh, M.Y.** High-stability acousto-optical devices using bulk acoustic waves in TeO_2 8-83082
- Proklov, V.V., Geras, A.V.** Acoustomagneto-electric effect in degenerate n-type InSb 8-72207
- Proklov, V.V.** see Prokhorov, A.M. 8-79106
- Prokof'ev, A.A., Zhurkin, E.S., Evseeva, L.V., Tunitskii, N.N.** The study of D_3^+ ion decay processes at collisions with atoms of inert gases in the kinetic energy region 1-40 eV 8-90286
- Prokof'ev, A.N.** see Popov, V.E. 8-78566
- Prokof'ev, M.A.** see Kondrat'ev, K.Ya. 8-81408
- Prokof'ev, P.T.** see Beitinsh, M.P. 8-54720
- Prokof'ev, S.V.** see Afanas'ev, I.I. 8-88418
- Prokof'ev, S.V.** see Berezhnoi, A.A. 8-50874
- Prokof'ev, V.K.** The spectral image from the point at the entrance slit of a spectrometer by the toroidal diffraction grating 8-57452
- Prokof'ev, V.K.** Cerenkov source as a possible standard of radiation in the vacuum ultraviolet region 8-63164
- Prokof'ev, Yu.A.** see Bondarenko, L.N. 8-93879
- Prokof'eva, V.V., Erleksova, G.E., Gollandskii, O.P., Abramenko, A.N.** TV-observations of the X-ray source CYG X-2 8-57697
- Prokof'eva, V.V.** see Abramenko, A.N. 8-77622
- Prokof'jev, P.T.** see von Egidy, T. 8-66215
- Prokhorov, A.M.** see Voronov, V.V. 8-49904
- Prokop, G.S., Soffa, W.A.** Magnetic precipitation hardening and Bloch-wall pinning in an 85Co-12Fe-3Nb alloy 8-80173
- Prokop, G.S., Soffa, W.A.** The relationship between structure and properties in a magnetic precipitation hardened Co-Fe-Ti alloy 8-95470
- Prokopalo, O.I.** see Raevskii, I.P. 8-92029
- Prokopchuk, E.O.** see Klimenkova, N.T. 8-52581
- Prokopenko, A.V.** see Baumshtein, M.V. 8-63384
- Prokopenko, A.V.** see Troshchenko, V.T. 8-72860
- Prokopenko, V.F.** see Burtsev, V.A. 8-67388, 8-67389
- Prokopenko, V.G.** see Gridnev, V.N. 8-84768
- Prokopenko, V.K.** see Kovtun, N.M. 8-84207
- Prokopenko, V.T.** see Pikhtin, A.N. 8-84548
- Prokopets, G.A.** see Kozyr, Yu.E. 8-78385
- Prokopets, G.A.** see Plyuyko, V.A. 8-62539
- Prokop'ev, E.P.** see Aref'ev, K.P. 8-84170, 8-84676
- Prokop'ev, E.P.** see Mokrushin, A.D. 8-72636
- Prokop'ev, V.E., Klimkin, V.M.** The optimum pulse succession frequency of laser excitation in the self-limiting transitions of metals 8-66516
- Prokop'ev, V.P.** see Vorotnikov, V.I. 8-86144
- Prokopiev, V.E.** see Bokhan, P.A. 8-71620
- Prokopov, V.G., Bessalova, E.I., Sherenkovskii, Yu.V.** Approximate analytic solution of problems of heat conduction in adjacent regions 8-83212
- Prokoshkin, Yu.D.** see Apel', V.D. 8-78223
- Prokoshkin, Yu.D.** see Donskov, S.V. 8-78549
- Proks, I.** see Eliasova, M. 8-79785
- Prokunin, A.N.** see Akutin, M.S. 8-68744
- Prokuntsev, A.F., Maksimova, E.S., Frolov, G.V.** An instrument for recording deformations on rotating parts 8-76820
- Promyslov, E.V.** see Skvorchevskii, A.K. 8-70115
- Proni, J.R., Ostapoff, F., Sellers, R.L.** Acoustic observations of high-frequency, near-surface internal wave groups in the deep ocean during internal wave GATE 8-81177
- Pronik, I.I.** see Metik, L.P. 8-57641
- Pronik, V.I.** Emission of the superthermal protons passing through a neutral gas and the broad hydrogen lines in Seyfert galaxies 8-57642
- Pronin, A.I.** see Bakhtin, L.A. 8-65863
- Pronin, P.I.** see Ponomarev, V.N. 8-53815
- Pronin, V.P.** see Matveeva, I.A. 8-49807
- Pronkin, A.A.** see Artyushkina, N.G. 8-67862
- Pronkin, A.A.** see Nikitin, A.V. 8-63876
- Pronko, P.P.** see Rehtin, M.D. 8-75688
- Pronko, P.P.** see Wang, J.C. 8-91364
- Pronman, I.M., Antonov, E.I., Kazantsev, A.M.** Automatized installation for neutron-activation analysis 8-88671
- Prooijen, K.** van see van Prooijen, K.
- Propst, F.M.** see Withrow, S.P. 8-72643
- Prosen, C.A., Petersen, M.R., Moody, D.B., Stebbins, W.C.** Auditory thresholds and kanamycin-induced hearing loss in the guinea pig assessed by a positive reinforcement procedure 8-57017
- Prosen, E.J., Colbert, J.C.** Microcalorimetric study of cardiac pacemakers and batteries 8-57130
- Proshechkin, N.K.** see Levin, B.A. 8-86321
- Proskurin, V.B.** see Kim, P.T. 8-80574
- Proskurin, V.B.** see Novikov, I.I. 8-59213
- Proskurivsky, D.I.** see Litvinov, E.A. 8-75460
- Proskurnina, N.G.** see Akutin, M.S. 8-68744
- Prosperetti, A., Caldirola, P.** On the stability of spherically symmetric flows 8-83456
- Prosperetti, A., Seminara, G.** Linear stability of a growing or collapsing bubble in a slightly viscous liquid 8-90947
- Prosperetti, A.** see Bert, L.A. 8-59469
- Prosperetti, A.** see Plesset, M.S. 8-75046
- Prosperi, D.** see Dattoli, G. 8-58165, 8-70368, 8-82142, 8-82209
- Prosser, F.W., Jr.** see Geesaman, D.F. 8-82404
- Prosser, F.W., Jr.** see Tabor, S.L. 8-78412
- Prosser, H.** see Wortmann, G. 8-52387
- Prosser, V.** see Visnovsky, S. 8-68485
- Prost, J.** Shear electricity in cholesterics 8-60394
- Prost, J.** see Marcerou, J.P. 8-63672
- Prost, J.** see Marcerou, J.-P. 8-94979
- Prostetsov, G.P.** see Muzukov, G.G. 8-73122
- Prosvetov, V.V.** see Subbotin, V.I. 8-90631
- Prosvirin, V.I.** see Savitskii, A.I. 8-52749
- Prosvirnin, S.L.** see Belobrov, A.V. 8-66709
- Proszynski, M.** Dynamics of a thin-shell in Reissner-Nordstrom geometry 8-77481
- Protasov, V.D.** see Isakov, Yu.A. 8-63270
- Protasov, V.D.** see Kharchenko, E.F. 8-68751
- Protasov, Yu.S.** Strong shock waves in a nonideal plasma 8-91161
- Protasov, Yu.S.** see Kamrakov, A.S. 8-67440
- Protasov, Yu.S.** see Kozlov, N.P. 8-74073, 8-79478, 8-83569
- Protell, R.L.** see Kimura, W.D. 8-53468
- Prothero, D.H.** see Potts, R. 8-54870
- Protheroe, R.J.** Computer simulations of large cosmic ray showers using recent models of hadronic collisions 8-57415
- Proto, A.V., Lane, E.J.** 350 kVp chest radiography: review and comparison with 120 kVp 8-73238
- Proto, G.R., Vermaak, J.S.** TEM observation in cross section of defects in a long-term-degraded $\text{Ga}_{1-x}\text{Al}_x$ double-heterostructure injection laser diode 8-71102
- Proto, G.R.** see Booyens, H. 8-60123, 8-60124, 8-71734
- Protop, C.** see Berinde, A. 8-82830
- Protopopescu, S.D.** New states below 2.2 GeV observed in e^+e^- annihilations 8-78197
- Protopopov, I.Ya.** see Budker, G.I. 8-62667
- Protopopov, V.S.** Generalizing relations for the local heat-transfer coefficients in turbulent flows of water and carbon dioxide at supercritical pressure in a uniformly heated circular tube 8-71316
- Protopopov, V.V.** see Konarev, V.P. 8-50933
- Protosenko, E.D.** see Vdovin, Yu.A. 8-50511
- Protosenko, I.M.** see Gabovich, M.D. 8-75377
- Protosenko, N.P.** see Belyaev, L.M. 8-52445
- Proteyvat, M.M.** see Kulyaba, I.N. 8-89477
- Proudfoot, J.** see Gordon, B.A. 8-82216
- Prout, G.R., Jr.** see Potsaid, M.S. 8-61251
- Prouza, Z., Nikodemova, D., Hrabovcova, A., Galan, F., Kubeckova, J., Solnicka, H.** A dosimetric system for rapid dose evaluation in cases of overexposure 8-62664
- Prouza, Z.** see Galan, P. 8-57075
- Provan, J.W.** A model for fatigue crack initiation in polycrystalline solids 8-68800
- Provansal, M.** see Vermees, J. 8-67301
- Providencia, J.** da see da Providencia, J.
- Proviz, G.I.** see Baru, S.E. 8-62282, 8-62284
- Provorov, F.F.** see Ovechkin, N.S. 8-93776
- Provost, C.** Le see Le Provost, C.
- Prozorkevich, A.V., Smolyanskii, S.A.** Covariant formalism in the theory of quantum relativistic kinetic equations 8-54299
- Prozorova, E.V.** On the solution of a nonlinear heat equation by Picar's method 8-51041
- Prozorova, L.A.** see Borovik-Romanov, A.S. 8-91960
- Primak, S.V.** see Volkov, E.P. 8-93682
- Pruckner, E.** see Glaser, H. 8-96253
- Prudenziati, M.** see Canali, C. 8-79821
- Prud'homme, R.** see Dudeck, M. 8-75156
- Prudkovskii, A.G.** Propagation of an oscillation from a point source moving along the boundary of a two-dimensional crystal 8-63924
- Prudkovskii, G.P.** see Bortnichuk, N.I. 8-67442
- Prudnikov, I.A., Saksaganskii, G.L., Bazhanov, E.B., Zaborodin, B.V.** Highly stable secondary emission monitor of current of a beam of accelerated electrons 8-78033
- Pruess, C.H.** see Charlton, L.A. 8-54785
- Pruett, K.H., Rowe, E.M., Winch, T.R., Middleton, F.H.** Recent instrumentation developments at the University of Wisconsin Synchrotron Radiation Center 8-62234
- Pruett, G.R.** System limitations of infrared detectors 8-77988
- Prugovecki, E.** see Twareque Ali, S. 8-77796
- Pruisen, A.M.M.** see Van Saarloos, W. 8-73951
- Prunet-Foch, B.** see Bernard, J.J. 8-94561
- Pruppacher, H.R., Klett, J.D.** Microphysics of clouds and precipitation 8-88896
- Prusov, N.M., Pshenichnov, N.N.** Method for taking account of the effect of chemical kinetics on the thermodynamic properties of the working body in supersonic MHD generators 8-91163
- Prussing, J.E.** Bounds on the solution of Kepler's problem 8-73622
- Prutkov, A.E.** see Spirov, L.E. 8-84868
- Prutton, M.** see Welton-Cook, M.R. 8-63917
- Pruys, H.S.** see Wytenbach, A. 8-82321
- Pryadko, A.M., Tsel'mer, F.I.** Automation of single-frame motion picture photography process 8-86374
- Pryanishnikov, V.P., Kozlova, L.N., Gorbachev, V.V., Bykov, V.I.** The conditions of formation, the structure, and the properties of silicate glasses obtained by low-temperature synthesis 8-88441
- Pryfogle, P.** see Almeida, S.P. 8-69261
- Pryor, J.N.** see Greenberg, M.D. 8-52922
- Pryputniewicz, R.J., Bowley, W.W.** Techniques of holographic displacement measurement: an experimental comparison 8-71057
- Przedmojski, J.** see Pura, B. 8-52461
- Przekop, Z.J.** see Hay, J.N. 8-67662
- Przepiora, S.** Silicon p-n junctions made by pulses from a ruby laser 8-84286
- Przewlocka, H., Siedlecka, J.** Investigations of oxidation process of the Fe-Al alloys containing up to 7.2% Al 8-85022
- Przhevuskii, A.K.** see Abruzov, V.I. 8-68557
- Przhevuskii, A.K.** see Ageeva, L.E. 8-71107
- Przhevuskii, A.K.** see Arbuzov, V.I. 8-68558
- Przhevuskii, A.K.** see Brachkovskaya, N.B. 8-84602
- Przhevuskii, A.K.** see Galant, E.I. 8-88364
- Przhibel'skii, S.G.** see Vartanyan, T.A. 8-58784, 8-87101
- Przirembel, C.E.G., Fletcher, L.S.** Aerothermodynamic characteristics of a resonance tube driven by a subsonic jet 8-51208
- Przirembel, C.E.G.** see Merz, R.A. 8-94740
- Przybilla, J.S.** see Ballinger, K.W.A. 8-88254
- Przybyski, A.** Search for light variations of HD 101065 8-69812
- Przybylski, A.** HD 27507 - a star escaping from our Galaxy? 8-85935
- Przybylski, K.** see Mrowec, S. 8-63759, 8-64779
- Przyluski, J.** see Kosci, A. 8-64783, 8-64784
- Przystawa, J.** see Lorenc, J. 8-80167
- Psaltis, D., Casasent, D.** Phase determination of an amplitude modulated complex wavefront 8-55305
- Psaltis, D.** see Casasent, D. 8-58954
- Psaltis, D.** see Nishimura, M. 8-66777
- Pscheid, P.** see Honigsmid, J. 8-68102
- Pshenichnov, N.N.** see Prusov, N.M. 8-91163
- Pshenichnyi, V.D., Yablounik, L.R.** Pulsations in boundary pressure in the flow of a plane turbulent jet onto a surface 8-59438
- Pshezhetskii, S.Ya.** see Petrov, N.Kh. 8-58753
- Pskovskii, Yu.P.** Light curves, color curves, and expansion velocity of type I supernovae as functions of the rate of brightness decline 8-96495
- Pszona, S.** see Makarewicz, M. 8-82583
- Ptashchenko, A.A., Timokhov, S.P.** Avalanche multiplication of carriers in isotopical n^+-p^- -heterojunctions $\text{GaAs-Ga}_{1-x}\text{Al}_x\text{As}$ 8-76140
- Ptashnik, V.B., Dunaeva, T.Yu.** Self-diffusion of lithium and hydrogen ions in lithium hydride single crystals 8-59974
- Ptasiewicz-Bak, H., Leciejewicz, J., Zygmunt, A.** Magnetic ordering in UGeY ($Y=\text{S, Se, Te}$) by neutron diffraction 8-72329
- Ptasiewicz-Bak, H.** see Murasik, A. 8-52223
- Ptitsyna, L.D.** see Travin, V.V. 8-71237
- Ptitsyna, V.N.** see Rivkin, S.K. 8-67845
- Ptushinskii, Yu.G.** see Fedorus, A.G. 8-95237
- Pu Fu-cho, Wang Ding-sheng** The mean field theory for spontaneous magnetisation of a non-uniform ferromagnet 8-91865
- Pu Fu-Cho** see Feng Ke-An 8-66708
- Puax, J.-P.** see Claudel, B. 8-75653
- Pucci, E.** A class of nonregular precessions of a gyrost in a Newtonian field 8-81825
- Pucci, E.** see Balli, R. 8-93082
- Pucek, B.** Circuits for stabilization of the laser radiation wavelength 8-87061
- Puchalska, I.B., Jones, G.A., Jouve, H.** A new aspect on the observation of domain structure in garnet eplayers 8-91914
- Puchelt, H.** see Dietrich, V. 8-65254
- Pucherov, N.N., Chesnokova, T.D.** Semiempirical formula for proton stopping cross-section within a wide energy range 8-67763
- Puchkovskaya, G.A., Frolkov, Yu.A., Strizhevskii, V.L., Chepilko, N.M., Yashkii, Yu.N.** Crystal optics of surface polaritons in anisotropic crystals 8-87919
- Puchta, H.** see Graw, G. 8-54788
- Puckett, R.** see Mulik, J.D. 8-68974
- Pudkov, S.D.** see Gagarin, A.P. 8-52596
- Pudkov, S.D.** see Libenson, M.N. 8-80314

- Pudovkin, M.I.**, Sergeyev, V.A. Magnetic effects of chromospheric flares and the electric field in the high-latitude ionosphere. II. Auroral electrojet region 8-69576
- Pudovkin, M.I.**, Zaitseva, S.A., Oleferenko, I.P. The magnetic field of a flare flow 8-57523
- Pudovkin, M.I.** see Ponyavin, D.L. 8-69615
- Pudzyrailo, N.S.** see Vishnevskii, V.N. 8-72586
- Puech, B.** see Ostrowsky, D.B. 8-66955
- Puech, C.** see Di Forte, M.A. 8-82979
- Puel, P.** see Barthelemy, R. 8-61282
- Puell, H.** see Scheingraber, H. 8-90460
- Puell, H.B.**, Vidal, C.R. Optimum conditions for nonresonant third harmonic generation 8-55411
- Puerta, M.** see Cho, S.-A. 8-63864
- Puester, G.**, Thimm, K. MAXIMOC, a novel grazing-incidence monochromator for XUV-investigations with synchrotron-radiation 8-62238
- Puettter, R.C.**, Russell, R.W., Soifer, B.T., Willner, S.P. Infrared spectra of HM Sagittae and V1016 Cygni 8-93266
- Pueyo, J.B.** see Escartin, V.F. 8-96046
- Puga, G.D.** see Khiminets, O.V. 8-76469
- Puga, M.W.** see Fowler, M. 8-87926
- Puga, P.P.** see Khiminets, O.V. 8-76469
- Pugach, V.V.** see Nemzer, V.G. 8-79825
- Pugachev, G.S.** see Peschanskaya, N.N. 8-68856
- Pugachev, M.S.**, Verkhorobin, L.F., Matjusenko, M.N., Aleksenko, I.V. Phase diagram for cobalt-beryllium alloys in the range of 0-50 at.% Co 8-56611
- Pugacheva, T.S.**, Abdullayev, B., Bunazarov, D.B. The effect of doping by ion bombardment on the inelastic reflection and on the energy losses of fast primary electrons in a metal 8-55900
- Pugatch, R.D.** see Gerzof, S.G. 8-65105
- Puget, J.L.** see Serra, G. 8-54014
- Pugh, C.E.**, Robinson, D.N. Some trends in constitutive equation model development for high-temperature behavior of fast-reactor structural alloys 8-66343
- Pugh, C.E.** see Ellis, J.R. 8-52928
- Pugh, E.D.L.**, Hinton, E., Zienkiewicz, O.C. A study of quadrilateral plate bending elements with 'reduced' integration 8-75071
- Pugh, E.N., Jr.**, Sigel, C. Evaluation of the candidacy of the II-mechanisms of Stiles for color-matching fundamentals 8-56980
- Pugh, J.R.** see Edelstein, W.A. 8-86215
- Pugin, A.I.** see Osipova, O.G. 8-94921
- Pugina, L.I.** see Ageeva, V.S. 8-60601
- Puglierin, G.** see Faissner, H. 8-70355
- Pugnet, M.** see Maere, F. 8-76535
- Puhlhofer, F.** see Christensen, P.R. 8-54798
- Puhlhofer, F.** see Pieper, S.C. 8-82378
- Puhn, F.A.** see Callis, R.W. 8-74490
- Pui, C.P.**, Rechnitz, G.A., Miller, R.F. Micro-size potentiometric probes for gas and substrate sensing 8-61071
- Pui, D.** see Kittelson, D.B. 8-95975
- Pui, D.Y.H.** see Liu, B.Y.H. 8-96297
- Puigcerver, M.** see Gallardo, F.S. 8-88846
- Puigh, R.J.** see Vandenbosch, R. 8-66316
- Puippe, J.C.** see Ibl, N. 8-64489
- Pukhnachev, V.V.** Motion of a liquid film on the surface of a rotating cylinder in a gravitational field 8-83411
- Pukhov, A.E.** see Nelipa, N.F. 8-77775
- Pukhov, A.M.** see Volkova, G.A. 8-75453
- Pukhov, I.K.**, Drokina, A.I., Kirilenko, T.V. Domain structure of lithium-substituted cobalt-doped ferrite single crystals 8-68290
- Pukhovoi, A.P.** see Blinkov, V.A. 8-77363
- Pulatova, M.K.** see Avdeyeva, O.S. 8-68992
- Pulay, P.** On the relation between infrared and Raman intensities 8-94290
- Pulay, P.**, Meyer, W., Boggs, J.E. Cubic force constants and equilibrium geometry of methane from Hartree-Fock and correlated wavefunctions 8-70753
- Pulay, P.** see Torok, F. 8-62947
- Pulham, R.J.** Recent developments in the chemistry of solutions of salts in liquid alkali metals 8-73040
- Puliti, P.** see Boeuf, A. 8-75496, 8-79505, 8-83655
- Pullan, B.R.** Computerized axial tomography 8-49619
- Pullar, W.A.** see Birrell, K.S. 8-85558
- Pullen, D.J.** see Al-Jadir, M.N. 8-82361
- Pullen, D.J.** see Betts, R.R. 8-62554
- Pullen, D.J.** see Karatzas, P.T. 8-62529
- Pullia, A.** see Alibrán, P. 8-50026
- Pullia, A.** see Erriquez, O. 8-78170, 8-82195
- Pulman, A.** see Perahia, D. 8-92597
- Pulman, B.** see Claverie, P. 8-73130
- Pulmannova, S.** Symmetries in quantum logics 8-77745
- Pulos, E.** see Teller, D.Y. 8-61180
- Puls, J.** see Ruckmann, I. 8-72548
- Puls, M.P.** Comments on the elastic interaction of hydrogen with precipitates 8-92340
- Puls, M.P.** Hydrogen-induced delayed cracking. I. Strain energy effects on hydrogen solubility 8-92364
- Pummer, H.**, Bischel, W.K., Rhodes, C.K. Characteristics and optimization of the two-photon-excited 16-μm laser in $^{14}\text{NH}_3$ 8-58986
- Pummer, H.**, Eggeston, J. Modification of the UV absorption profile of CF_3I with vibrational excitation 8-58717
- Pummer, H.**, Eggleston, J., Bischel, W.K., Rhodes, C.K. Ultraviolet absorption of CF_3I induced by excitation of the ν_1 vibrational mode at 9.6 μm 8-50552
- Pummer, H.** see Flicker, H. 8-71085
- Pummer, H.** see Kligler, D. 8-59003
- Pumpernik, D.** see Zaucer, M. 8-78611
- Pun, T.** see Heile, F.B. 8-74238
- Pun, T.P.** see Feller, J.M. 8-66136
- Pun, T.P.** see Jaros, J.A. 8-50042
- Pun, T.P.** see Peruzzi, I. 8-74252
- Pun, T.P.** see Scharre, D.L. 8-89723
- Pun, T.P.** see Tanenbaum, W. 8-66113
- Pun, T.P.** see Vuillemin, V. 8-93876
- Punchard, W.F.B.** see Smith, G.E. 8-50346
- Pundarika, E.S.**, Hanson, K., Morris, J.W., Jr. Theoretical study of two-phase decomposition and coarsening 8-88472
- Pundsack, A.L.**, Cheng, Y.C., Hartmann, G.C., Marks, L.M. Optical properties of particle migration imaging film 8-83055
- Pung, L.A.** see Lushchik, Ch.B. 8-91359
- Punin, Yu.O.**, Vorob'ev, A.S. Effect of isotopic replacement on growth kinetics of $\text{K}(\text{H}_2\text{D})_2\text{PO}_4$ crystals 8-95006
- Punithavelu, A.M.** see Balmashnov, A.A. 8-71500
- Punkkinen, M.** Methyl group tunnelling and coupling to internal vibrations 8-79675
- Punkkinen, M.** see Vollmers, K.W. 8-80227
- Punto, L.** see Kiviniitty, K. 8-53503
- Punwani, K.G.** Universal deformations in elastic membranes 8-67048
- Pupareli, M.** see Alarcon, C. 8-86121
- Pupko, V.Ya.**, Tarasov, V.A., Sharapov, A.K. Use of perturbation theory for experimental study with a pulsed neutron source 8-66328
- Pura, B.**, Przedmojski, J. X-ray critical scattering in NaNO_2 8-52461
- Purcell, C.** see Stroink, G. 8-54126
- Purcell, F.J.** see Srivastava, R.B. 8-76999
- Purcell, J.R.** see Chen, W.Y. 8-62636
- Purcell, J.R.** see Toffolo, W.E. 8-54930
- Purcell, W.L.** see Heeb, C.M. 8-94111
- Purczynski, J.** Application of the separation of variables method to magnetic field analysis 8-90338
- Purczynski, J.** see Sikora, R. 8-90341
- Purdie, N.** see Farrow, M.M. 8-54467
- Purdy, C.M.** see Morabito, J.J. 8-82447
- Purdy, G.M.**, Detrick, R.S. A seismic refraction experiment in the central Banda Sea 8-73335
- Purdy, G.R.** The dynamics of transformation interfaces in steels. I. The ferrite-austenite interface in Fe-C-Mo alloys 8-52795
- Purdy, G.R.** The dynamics of transformation interfaces in steels. II. Transformations in Fe-C-Mo alloys at intermediate temperatures 8-52796
- Purdy, G.R.** see Stobbs, W.M. 8-64543
- Puretskii, A.A.** see Ambartsumyan, R.V. 8-90248
- Puretzky, A.A.** see Ambartsumian, R.V. 8-50606, 8-82798, 8-86925, 8-90245
- Puri, B.R.**, Singh, D.D., Arora, V.M. Effect of temperature and chemisorbed species on carbon dioxide-adsorption method for estimating surface areas of adsorbent carbons 8-95225
- Puri, D.S.** see Garg, V.K. 8-63799
- Puri, S.M.** see Kim, K.K. 8-54519
- Puric, J.**, Dimitrijevic, M.S., Lakicevic, I.S. Some regularities within the Stark widths of resonance lines of alkali-like homologous atoms and ions 8-78662
- Puric, J.** see Lakicevic, I. 8-66508
- Purica, I.I.** see Ursu, I. 8-86705
- Purinya, B.A.**, Kas'yanov, V.A. Changes in the mechanical properties of human coronary arteries with age 8-65068
- Puritis, T.** Plasmon mechanism for secondary breakdown 8-95352
- Purkait, P.K.** see De, M. 8-79097
- Purkey, R.M.** see Milton, J.G. 8-76514
- Purks, S.R.** see Richards, W. 8-65014
- Purlys, R.P.**, Jakimavicius, I.A., Sirvaitis, A.I. An X-ray study of the temperature dependence of the root-mean-square dynamic displacements and the characteristic temperature of cadmium telluride 8-83895
- Purnell, J.H.** see Marshall, R.M. 8-92478
- Purohit, A.**, Diercks, D.R., Acharya, R.T. Biaxial creep behavior of ribbed GCFR cladding at 650°C 8-86597
- Purohit, G.P.** see Dhir, V.K. 8-51047
- Purushothaman, S.**, Tien, J.K. Role of back stress in the creep behavior of particle strengthened alloys 8-52889
- Purushothaman, S.**, Tien, J.K. Slow crystallographic fatigue crack growth in a nickel-base alloy 8-52983
- Purushothaman, S.**, Tien, J.K. Generalized theory of fatigue crack propagation. I. Derivation of thresholds 8-83337
- Purushothaman, S.** see Furillo, F.T. 8-76743
- Purushothaman, S.** see Tien, J.K. 8-83338
- Purvis, G.D.**, Bartlett, R.J. The potential energy curve for the $X^1\Sigma^+g$ state of Mg_2 calculated with many-body perturbation theory 8-55216
- Pusateri, J.**, Barnes, G., Citrolo, J. TIFR coil case design 8-50347
- Puschell, J.J.** see O'Dell, S.L. 8-93440
- Pusep, Yu.A.** see Aleksandrov, L.N. 8-95355
- Pusey, P.N.** see Jakeman, E. 8-53726
- Pushcharovskii, D.Yu.** see Karpov, O.G. 8-63738
- Pushcharovskii, Yu.M.**, Kozlov, V.V., Sulid-Kondrat'ev, E.D. Tectonic asymmetry of the Earth and other planets 8-73346
- Pushin, V.G.**, Romanova, R.R., Pats, Yu.V., Baranovskii, A.N., Buinov, N.N., Trapeznikov, V.A. Diffuse electron and X-ray scattering and the structure of aluminium-silver alloys in the second ageing stage 8-68711
- Pushin, V.G.** see Kondrat'ev, V.V. 8-64541, 8-68688
- Pushin, V.G.** see Rats, Yu.V. 8-60685
- Pushin, V.G.** see Romanova, R.R. 8-76647
- Pushistov, P.Yu.** see Speranskii, L.S. 8-61521
- Pushkarev, E.A.**, Petrenko, N.S., Finkel, V.A. Thermal expansion of the superconducting compounds HfV_2 at low temperatures 8-76189
- Pushkarev, V.N.** see Alperovich, L.I. 8-76976
- Pushkarev, V.V.** see Kagan, Yu. 8-91300
- Pushkarev, V.V.** see Romyantsev, A.Yu. 8-87751
- Pushkarov, D.**, Koinov, Z. On the theory of defects in quantum crystals 8-60004
- Pushkarov, D.I.** see Pushkarov, Kh.I. 8-76232
- Pushkarov, Kh.I.** Solitary bound states of magnons and lattice deformation in the Dyson-Maleev representation 8-91838
- Pushkarov, Kh.I.**, Pushkarov, D.I., Vlahov, J.P. Solitary excitations in one-dimensional ferromagnets with quadratic exchange 8-76232
- Pushkin, S.** see Kazakov, D. 8-54529
- Pushkin, S.V.** see Kazakov, D.I. 8-70290
- Puskar, A.** Crack and slip band formation in iron during ultrasonic fatigue at various temperatures 8-56723
- Puskar, A.** Damaging at ultrasonic frequency loading and various temperatures 8-60763
- Pustaver, J.A., Jr.** see Laker, K.R. 8-66991
- Pustil'nik, L.A.** Instability of a pulsar magnetosphere 8-53976
- Pustil'nik, S.A.** see Mingaliev, M.G. 8-61927
- Pustovalov, V.I.**, Beilin, B.I. Effect of carbon and the microstructure on the hardening of steel during cold deformation 8-92277
- Pustovalov, V.N.** see Kapinos, V.M. 8-83476
- Pustovalov, V.V.** see Aleksandrov, V.V. 8-94401
- Pustovalov, V.V.** see Landau, A.I. 8-52905
- Pustovarov, V.A.** see Lushchik, Ch.B. 8-72574
- Puszarski, H.** Elliptical spin precession in microscopic spin-wave resonance theory 8-80224
- Put, J.** see van Bockstaele, M. 8-95599
- Putilin, E.S.** see Zhiglinskii, A.G. 8-54449
- Putintsev, V.A.** see Remorov, V.E. 8-60921
- Putley, E.H.** Fast response InSb submillimeter detector 8-89541
- Putley, E.H.** Temperature noise in pyroelectric detectors 8-89542
- Putlitz, G.** see Putlitz, G.
- Putlitz, G.** see Putlitz, G.
- Putnam, F.A.** see Berker, A.N. 8-67908
- Putt, G.D.**, Yock, P.C.M. Search for fractional charge in tungsten 8-54334
- Puttagunta, V.R.** see Iverson, S.L. 8-86678
- Putten, A.A.G.** Van see Van Putten, A.A.G.
- Putter, S.**, Manor, H. Natural frequencies of radial rotating beams 8-59326
- Putterman, S.** see Garrett, S. 8-79831
- Putvinskii, A.V.** Fall in the electrical strength of lipid membranes on ultraviolet irradiation 8-69002
- Putvinskii, A.V.** see Ivanov, A.S. 8-69024
- Putyrskii, V.P.** see Novikov, L.N. 8-50491
- Putz, D.**, Menges, G. The influence of liquid environmental media on the mechanical behaviour of thermoplastics 8-52902
- Putz, K.** see Pichler, H. 8-92724
- Puzach, V.G.** see Leont'ev, A.I. 8-83469
- Puzachenko, Yu.G.** see Vygodskaya, N.N. 8-61617
- Puzanov, A.A.** see Koshelyaev, E.M. 8-74843
- Puzanov, N.M.** see Varaksin, A.N. 8-91483
- Puzei, I.M.** see Pokatilov, V.S. 8-72418
- Puzei, I.M.** see Skokov, A.D. 8-74033
- Puzei, I.M.** see Vasileva, R.P. 8-51973
- Puzin, I.B.** see Zubakov, A.V. 8-58050
- Puzio, E.T.** see Young, K.S. 8-62656
- Puziyev, S.Ya.** see Vaigachev, A.A. 8-78574
- P'yankov, B.N.** see Korobeinikov, V.P. 8-68689
- P'yankov, V.A.**, Shapiro, V.A. Some aspects of the nature of the Butkin anomaly of the secular pattern of the geomagnetic field 8-69288

- Pyatakov, P.A.** *see* Vas'kova, V.I. 8-84042
Pyatakov, P.A. *see* Viktorov, I.A. 8-94479
Pyatigorskii, B.M. *see* Klyuev, V.V. 8-53092
Pyatin, S.I., Rudyk, V.D. Device for measuring phase differences of intermittent sinusoidal voltages 8-77941
Pyatkov, A.G., Fomina, T.Ya., Kovalev, V.T. FRK-2 quantummeter applied to analysis of small amounts of rocks and minerals 8-61112
Pyatnitskii, L.N., Margolin, L.Ya. Low-temperature plasma investigations by scattered radiation 8-87497
Pyatnitskii, L.N. *see* Margolin, L.Ya. 8-67482
Pybkina, G.B. *see* Kaplan, S.A. 8-65600
Pybus, M.J. *see* Monahan, E.C. 8-85603
Pye, J.P., Evans, K.D., Hutcheon, R.J., Gerasimenko, M., Davis, J.M., Krieger, A.S., Vesecky, J.F. The structure of the X-ray bright corona above active region McMath 12628 and derived implications for the description of equilibria in the solar atmosphere 8-53902
Pye, L.D. Microstructure of some noncrystalline ceramics: origin and meaning 8-88442
Pye, L.D. *see* Manfredo, L.J. 8-52004
Pye, M. *see* Sentz, A. 8-71188
Pykacz, H. Pyroelectric properties of TGS with internal bias field 8-72466
Pye, D., Reid, R., Tilley, R.J.D. An electron microscope study of tin dioxide and antimony-doped tin dioxide 8-79619
Pykett, I.L., Mansfield, P. A line scan image study of a tumorous rat leg by NMR 8-92683
Pykett, I.L. *see* Mansfield, P. 8-69172
Pykhov, N.A. Random process in a doubly integrating vibration accelerometer 8-77873
Pylaev, A.M. *see* Petrazhitsky, G.B. 8-94521
Pyle, E.J. *see* Boggess, A. 8-96382
Pyle, G.J. *see* Batty, C.J. 8-62578
Pyle, K.R. *see* Barnes, C.W. 8-61690
Pyle, R.V. *see* Berkner, K.H. 8-66377
Pyle, R.V. *see* Olson, R.E. 8-70921
Pyllusaar, Yu.V. *see* Lushchik, Ch.B. 8-91359
Pyndyk, A.M. *see* Denisov, V.N. 8-66557
Pyndyk, A.M. *see* Podobedov, V.B. 8-82740
Pyn'ko, V.G., Zhiavaeva, L.V., Ekonomov, N.A., Komalov, A.S., Evtikhiev, N.N., Krebs, A.R. Monocrystalline FePd and FePt films for thermomagnetic recording of information 8-60319
Pyn'ko, V.G. *see* Evtikhiev, N.N. 8-55324
Pynn, R., Axe, J.D., Raccach, P.M. Structural fluctuations in NbO₂ at high temperatures 8-55947
Pyper, J.W., Briggs, C.K. Kinetics of the radiation-induced exchange reactions of H₂, D₂, and T₂. A review 8-61005
Pyper, J.W., Kelly, E.M., Magistad, J.G., Tsugawa, R.T., Roberts, P.E., Souers, P.C. Quadrupole mass-filter sensitivities of H₂, HD, D₂, and T₂ and the kinetics of β -particle induced exchange between H₂, D₂ and T₂ at 25.4°C 8-58090
Pyper, J.W. *see* Souers, P.C. 8-66415
Pyrlík, J. The influence of crystal orientation on the electron energy loss spectrum of monocrystalline silver films 8-80442
Pyrvulesku, C. *see* Gupta, R.K. 8-86548
Pyshchev, F.N., Petrovskii, E.B. Test specimen with varying thickness for ultrasonic inspection 8-53137
Pytte, T., Lundblad, J.A., Soraas, F., Hones, E.W., Jr., West, H.I., Jr. Three-satellite measurements and field-line mapping of the outer plasma sheet boundary from $r=1.2$ to $\sim 18 R_E$ during substorms 8-88990
Pytte, T., Perreault, P.D., Kamide, Y. Comments on 'A dusk-dawn asymmetry in the response of the magnetosphere to the IMF B_z component' by P.D. Perreault and Y. Kamide [and reply] 8-89006
Pytte, T., West, H.I., Jr. Ground-satellite correlations during presubstorm magnetic field configuration changes and plasma sheet thinning in the near-Earth magnetotail 8-96352
Pyzh, A.D. Unification of temperature characteristics of metallic thermal convertor resistances 8-70122
Pyzh, A.D. *see* Kulyaba, I.N. 8-89477
Pyzuk, W. Side chain motions and electrical polarizability of helical polypeptides 8-76378
Pyzuk, W., Balakier, G. Macromolecular polydispersity in nonlinear electric methods. Steady state in homogeneous field 8-59730
Pyzuk, W. *see* Konarski, P. 8-94990
Qi-Tai Zheng *see* Zheng Qi-Tai
Qian Zhong-Yu *see* Wang Jian-Min 8-69680
Qian-Shen Wang *see* Wang Qian-Shen
Qin-Fang Hong *see* Hong Qin-Fang
Qin-yue Qu *see* Qu Qin-yue
Qu Qin-yue *see* Fang Li-Zhi 8-85967
Qu Qin-yue *see* Lu Tan 8-73771
Quabach, K. *see* Haas, R. 8-66131
Quach, H.T., Friedmann, A., Wu, C.Y., Yelon, A. Surface anisotropy of Ni-Co from ferromagnetic resonance 8-95526
Quack, M. Theory of unimolecular reactions induced by monochromatic infrared radiation 8-88645
Quackbush, C.L. *see* Klein, R.M. 8-83737
Quade, C.R. Itemized contributions to the anharmonic vibrational spectroscopic coefficients for H₂O 8-86846
Quadeer, A., Khan, D.C., Ram, N. First order phase transformation in Fe-Ni-Te ternary alloy system 8-64533
Quaglia, G., Fava, C. Processing of cardiac radiographic images 8-57069
Quagliarriello, E., Palmieri, F., Singer, T.P. Horizons in biochemistry and biophysics, vol.4 8-68977
Quan, M., Pham Mau *see* Pham Mau Quan, M.
Quan Dang Tran *see* Dang Tran Quan
Quan-kaing Lu *see* Lu Quan-kaing
Quanbury, A.O., Foley, C.D., Winter, D.A., Letts, R.M., Steinke, T. Clinical telemetry of EMG and temporal information during gait 8-80994
Quang Hung Pham *see* Pham Quang Hung
Quang Rang Le *see* Le Quang Rang
Quang Sinh Nguyen *see* Nguyen Quang Sinh
Quante, F. *see* Schwerdtmann, W. 8-88759
Quarashi, R. *see* Mishra, R.S. 8-51259
Quaranta, A.A. *see* Reggiani, L. 8-84218
Quareni-Vignudelli, A. *see* Forino, A. 8-78220
Quarmby, D.J., Duck, G.M. Object classification using sonar data 8-66980
Quarrie, D.L. The data acquisition system for the NS experiment at the Rutherford Laboratory 8-90051
Quartapelle, L. *see* Car, R. 8-51890, 8-60545
Quarto, F. *di* *see* di Quarto, F.
Quarton, M., Pages, M., Freundlich, W. Crystallographic data of Neptunium IV and thorium metavanadates 8-63725
Quate, C.F. *see* Jipson, V. 8-71251
Quattropani, A. *see* Selloni, A. 8-70185
Quay, R., Bryant, R.W., Koenig, R.F., Ferrante, J.J., Linkinhoker, C.L., Donato, J.W., Heinrich, J.P., Markiewicz, W.D., Zeitlan, B.A., Rhodnizer, R.L. General Electric conceptual design of a test coil for the Large Coil Program 8-50390
Quay, R. *see* Heinrich, J.P. 8-50391
Qubanchi, A.H.A. *see* King, R.C. 8-78105
Quddus, M.A. *see* Cleaver, B. 8-55963
Quedraogo, A., Dehaut, B., Chanutot, G. Photoferroelectric properties of Cu doped BaTiO₃ crystals 8-60400
Queen, C.C., Huxford, T.J., Wagner, R.S., Stirling, W.L. The investigation of tantalum carbide composite material for use as neutral beam targets 8-66399
Queen, C.C. *see* Johnson, R.L. 8-54966
Queen, J. *see* Gschneidner, K.A., Jr. 8-83971
Queirazza, G. *see* Ganzerli-Valentini, M.T. 8-69389
Queiroz, S.L.A. *de* *see* De Queiroz, S.L.A.
Queisser, H.J. *see* Paesler, M. 8-56182
Quemada, D.C. *see* Adler, P.M. 8-67260
Quenby, J.J. *see* Coe, M.J. 8-73774, 8-81707
Quenby, J.J. *see* Moussas, J. 8-96364
Quentin, G. *see* Jungman, A. 8-60974
Quentin, G. *see* Tittmann, B.R. 8-76793
Quentrec, B., Oppenheim, I. Local order effects on the dynamics of fluids near the liquid-gas critical point 8-67806
Quentrec, B. *see* Ocelli, R. 8-75520
Quenzel, H. *see* Bakan, S. 8-61553, 8-61554
Quenzel, H. *see* Koepke, P. 8-85685
Quenzer, A., Ribes, M., Rumpf, F., Bertrand, J.L., Bizot, J.C., Chase, R.L., Cordier, A., Delcourt, B., Eschstruth, P., Fulda, F., Grosdidier, G., Jeanjean, J., Jeanjean, M., Madaras, R.J., Masnou, J.L., Perez-y-Jorba, J. Pion form factor from 480 MeV to 1100 MeV 8-70370
Querici, F. *see* de la Reza, R. 8-65615
Quercigh, E. *see* Baubillier, M. 8-93877
Querfeld, C.W. A near-infrared coronal emission-line polarimeter 8-61740
Querrou, M. *see* Badelek, B. 8-90011
Querrou, M. *see* Burq, J.P. 8-89741
Quesne, C., Spitz, S. Spectral distributions of mixed configurations of identical nucleons in the seniority scheme. II. Configuration-seniority scheme 8-70468
Queyroux, F. *see* Vetter, G. 8-51510
Quick, N.R., Johnson, H.H. Hydrogen and deuterium in iron, 49-506°C 8-59977
Quick, R.F., Jr., Mullins, W.W., Lucas, R.N. Contrast thresholds of random patterns 8-65020
Quick, R.F., Jr., Mullins, W.W., Reichert, T.A. Spatial summation effects on two-component grating thresholds 8-69080
Quick, T.M. *see* Domb, E.R. 8-56335
Quigg, C. Semiclassical sum rules 8-70308
Quigg, C., Rosner, J.L. Scaling the Schrodinger equation 8-54613
Quigg, C. *see* Dremin, I.M. 8-66177
Quigg, C. *see* Rosner, J.L. 8-50029
Quigg, C. *see* Thacker, H.B. 8-82153, 8-82154
Quigley, G.P. Collisional effects in the multiple infrared photon absorption in SF₆ 8-86926
Quigley, G.P., Hughes, W.M. Lifetime and quenching rate constants for Kr₂F* and Kr₂* 8-63056
Quigley, G.P., Hughes, W.M. The radiative lifetime and quenching of KrF 8-63063
Quigley, M.B.C. Physics of the welding arc 8-55771
Quigley, R., Africano, J. Anomalous period change of UX Ursae Majoris in 1977 8-85956
Quigley, R. *see* Africano, J. 8-57565
Quigley, R.J. *see* Lacy, C.H. 8-89202
Quillec, M. *see* Perea, E.H. 8-84083
Quimby, D.C., Taussig, R.T., Hertzberg, A. A high thermal efficiency X-ray energy conversion scheme for advanced fusion reactors 8-70641
Quinault, J.M., Belot, Y., Zettwoog, P. Provisional map of pollution effects indicators 8-81387
Quinn, C.M. *see* Gyorffy, B.L. 8-95683
Quinn, H.R., Weinstein, M. Multiple vacuums in a lattice formulation of the two-dimensional Abelian Higgs model 8-54543
Quinn, J.J., Kawamoto, G., McCombe, B.D. Subband spectroscopy by surface channel tunnelling 8-64104
Quinn, J.J. *see* Kalia, R.K. 8-52052
Quinn, M.J. *see* Sagert, N.H. 8-75907
Quinn, R.K. *see* Johnson, R.T., Jr. 8-56142, 8-72212
Quinn, T.F.J. The division of heat and surface temperatures at sliding steel interfaces and their relation to oxidation wear 8-64712
Quinn, W.E. *see* Bartsch, R.R. 8-75404
Quinqueton, J. *see* Camillerapp, J. 8-61630
Quinquis, H., Audren, C., Brun, J.P., Cobbold, P.R. Intense progressive shear in Ile de Groix blueschists and compatibility with subduction or obduction 8-53652
Quinson, J.-F. *see* Brun, M. 8-83944
Quintana, G. *see* Sinha, A.K. 8-56584
Quintana, J.A. *see* Aguilar, M. 8-50733
Quintana, J.A. *see* Oliva, J. 8-50732
Quintana, P., West, A.R. Phase equilibria in the system Li₂O-BeO-SiO₂ 8-80522
Quintanilla, M., Mar, S., Martinez, M.J. Quantitative determination of the field and aperture of photographic systems 8-49921
Quintard, M. *see* Besse, S. 8-75723
Quintard, M. *see* Ferron, G. 8-52881, 8-92307
Quintenz, J.P., Poukey, J.W. Reply to comments by M.M. Shoucri and R.R.J. Gagne (Calculation of noncylindrical symmetric space-charge flow) 8-91182
Quintero, M. *see* Joshi, N.V. 8-84252
Quinton, A. The generation of Lissajous figures 8-77656
Quinton, A.R. *see* Oren, M. 8-76487
Quinton, P.M. Ultramicroanalysis of biological fluids with energy dispersive X-ray spectrometry 8-92768
Quirk, T.W. *see* Gordon, B.A. 8-82216
Quiroga, R.J. Gas, dust and molecules in the Galaxy 8-54006
Quiros, M. On M-loop amplitudes for excited states in dual-resonance models 8-50019
Quiros, M. *see* Leon, J. 8-77760
Quirt, J.D. Insulating buildings from aircraft noise 8-55508
Quisefit, J.-P., Dejean de la Batie, R., Vie le Sage, R. Fast determination of calibration constants for X-ray spectrometric analysis of trace elements 8-61095
Quitmann, D. *see* Elwenspoek, M. 8-64301
Quitmann, D. *see* Wehreter, E. 8-91975
Quittet, A.M. *see* Perry, C.H. 8-79721
Quittner, G. *see* Auger, P. 8-92270
Quittner, G. *see* Blaschko, O. 8-67825
Quoc Hai Tran *see* Tran Quoc Hai
Quoc Son Nguyen *see* Nguyen Quoc Son
Quoc Tuan Nguyen *see* Nguyen Quoc Tuan
Quoc-Hung Do *see* Morel, B. 8-86451
Qureshi, A.H. *see* Malik, N.H. 8-59699
Qureshi, I.R., Nalaye, A.M. A method for the direct interpretation of magnetic anomalies caused by two-dimensional vertical faults 8-77181
Qureshi, M.S. *see* Srivastava, R.K. 8-88250
Qureshi, S., Wagner, H.N., Jr., Alderson, P.O., Housholder, D.F., Douglass, K.H., Lotter, G.M., Nickloff, E.L., Tanabe, M., Knowles, L.G. Evaluation of left-ventricular function in normal persons and patients with heart disease 8-65110

Qadir, A. Penrose graphs 8-49983

Qi Gui-Zhong On the dilatancy-magnetic effect 8-61333

Qi Hui *see* Yang Ze-Sen 8-82297

Qi-Jun Fu *see* Fu Qi-Jun

- Qureshi, Z.H.**, Gebhart, B. Vertical natural convection with a uniform flux condition in pure and saline water at the density extremum 8-94696
- Quy Dao, N.** see Brusset, H. 8-52509
- Ra, O.**, Ti, S.S., Kettle, S.F.A. Vibrations of potassium and cesium thiocyanates crystals. III. Long-wave lattice modes 8-59881
- Raab, G.** see Glasow, P. 8-86723
- Raabe, O.G.** see Goldman, M. 8-96079
- Raaben, E.L.** see Brachkovskaya, N.B. 8-84602
- Raade, G.** see Ormaasen, D.E. 8-65228
- Raadschelders, I.** see Block, P. 8-81044
- Raadu, M.A.** The role of electrostatic instabilities in the critical ionization velocity mechanism 8-67355
- Raen, A.M.** see Holt, R.M. 8-63252
- Raag, V.** Comprehensive thermoelectric properties of n- and p-type 78a/o Si-22a/o Ge alloy 8-91712
- Raaphorsrt, J.G.** van see van Raaphorsrt, J.G.
- Raaphorst, G.P.**, Frey, H.E., Kruuv, J. Effect of salt solutions on the radiosensitivity of mammalian cells. IV. Treatment with NaCl solutions containing ouabain, NEM, PNAP, cysteamine of DMSO 8-69146
- Raay, H.B.** van der see van der Raay, H.B.
- Rabach, G.** see Benco, C. 8-86987
- Rabalais, J.W.** see Honda, F. 8-88400
- Rabalais, J.W.** see Lancaster, G.M. 8-89602
- Rabalais, J.W.** see Taylor, A. 8-91347
- Rabalais, J.W.** see Taylor, J.A. 8-64440, 8-73084
- Rabalais, J.W.** see Ting Ho Lee 8-71995
- Rabani, J.** see Barkatt, A. 8-64865
- Rabatin, J.G.** Luminescence of iron-activated lithium meta gallate 8-92108
- Rabbe, P.** see Amzallag, C. 8-64787, 8-68776
- Rabbe, P.** see Bathias, C. 8-64701
- Rabbia, Y.** see Gay, J. 8-89435
- Rabczuk, G.** see Milewski, J. 8-63053
- Rabe, E.** see Scarr, J.M. 8-54634
- Rabe, P.** see Martens, G. 8-52593, 8-80435
- Rabek, J.F.** see Ranby, B. 8-91958
- Rabek, R.A.** see Roitman, L.Kh. 8-85051
- Rabenau, A.** see Bhattacharya, G. 8-60465
- Raber, S.** Blood pressure instruments: noninvasive, arterial measurement [maintenance and troubleshooting] 8-69167
- Rabie, L.H.** see McComb, W.D. 8-63454
- Rabii, S.** Theoretical calculations of the thermomechanical properties of PbS 8-71704
- Rabik, L.L.** see Peterkop, R.K. 8-66459
- Rabiner, L.R.** see Sambur, M.R. 8-57024
- Rabinkin, A.** see Trichter, F. 8-68686
- Rabinoch, R.I.** see Aleksandrov, V.N. 8-92100
- Rabinoff, R.** Error analysis of an aircraft-mounted backscatter ultraviolet experiment 8-92985
- Rabinovich, A.I.** see Antsiferov, V.N. 8-56844
- Rabinovich, A.Z.** see Ostrovskii, B.I. 8-60380, 8-91250
- Rabinovich, E.M.** see Lobachev, M.I. 8-87086
- Rabinovich, M.I.** see Pickovskii, A.S. 8-51300
- Rabinovich, M.Ya.** see Gorchakova, L.A. 8-68828
- Rabinovich, R.I.** Effect of the cut-off radius of the Coulomb scattering cross section on the distribution function and conductivity of nonequilibrium electrons 8-87984
- Rabinovich, Ya.I.** see Zolotarev, P.P. 8-59278, 8-67011
- Rabinovici, R.** see Luca, E. 8-92514
- Rabinovitch, B.S.** see Ko, A.-N. 8-64819
- Rabinowitz, P.**, Stein, A., Brickman, R., Kaldor, A. Stimulated rotational Raman scattering from para-H₂ pumped by a CO₂ TEA laser 8-94411
- Rabinowitz, P.** see Stein, A. 8-87045
- Rabinowitz, S.** see Beardmore, P. 8-76759
- Rabitsch, H.** Calculation of buckling variation due to coupling of cores 8-74421
- Rabitz, H.** see DePristo, A.E. 8-65800, 8-74745, 8-82823
- Rabitz, H.** see Green, S. 8-77586
- Rabitz, H.A.** see Askar, A. 8-92453
- Rabkin, D.M.** see Lozovskaya, A.V. 8-95789
- Rabkina, A.Yu.** see Andrianov, K.A. 8-76891
- Rabotnov, Yu.N.**, Polilov, A.N. Strength criteria for fibre-reinforced plastics 8-75105
- Rabotnov, Yu.N.**, Zobnin, A.I. Kinetic model of crack propagation in polymer materials 8-63381
- Rabovskii, Ya.A.** see Klotsman, S.M. 8-67851
- Rabson, T.A.**, Kim, D.M., Tittel, F.K. Electric field and photocurrent considerations in photorefractive memory materials 8-71066
- Rabson, T.A.**, Tittel, F.K., Kim, D.M. Optical data storage in photorefractive materials 8-79086
- Raby, B.A.** Mass spectrometric study of plasma etching 8-72909
- Racca, C.** see Enriquez, O. 8-82195
- Racah, P.M.** see Lu, S.S.M. 8-52531
- Racah, P.M.** see Pollak, F.H. 8-80809
- Racah, P.M.** see Pynn, R. 8-55947
- Rache, H.** see Brunnee, C. 8-78026
- Rachev, L.A.** see Novikov, V.M. 8-50685
- Rachford, F.J.** see Wolf, S.A. 8-72311
- Rachinskii, V.G.** see Markiv, V.Ya. 8-92236
- Rachkovskaya, T.M.** The observation of EM Cep shell 8-57587
- Rachwalska, M.**, Stanek, T. An adiabatic calorimetric study of the phase situation in [Ni(H₂O)₆](ClO₄)₂ 8-83970
- Rachwalska, M.** see Godlewska, M. 8-71854
- Rachwalska, M.** see Migdal-Mikuli, A. 8-63854
- Racine, R.**, Oke, J.B., Searle, L. The metallicity of globular clusters in the halo of M87 8-89244
- Racine, R.** see Herbst, W. 8-93332
- Racine, S.** see Holzer, W. 8-56482
- Rack, H.J.** Tensile yield and fracture behaviour of beta-III titanium 8-60724
- Rack, H.J.** Age hardening-grain size relationships in 18Ni maraging steels 8-84833
- Rack, H.J.** see Myers, S.M. 8-71880, 8-92312
- Rackham, G.M.**, Loveluck, J.E., Steeds, J.W. A double-crystal electron interferometer 8-83687
- Rackham, G.M.**, Steeds, J.W. Electron diffraction from a metastable phase of gold and germanium (gold 27 at.% germanium) 8-83780
- Rackham, G.M.** see Steeds, J.W. 8-83675
- Rackley, C.E.** see Rogers, W.J. 8-81024
- Rackov, P.M.** see Heinrich, J.P. 8-50391
- Rackwitz, R.** On the comparability of acceptance tests for concrete by operation characteristics 8-68848
- Racz, B.**, Bor, Z., Szabo, G., Zoltan, Cs. Subnanosecond relaxation oscillations in nitrogen laser pumped dye-lasers 8-82959
- Racz, P.**, Tompa, K., Pocsik, I. Nuclear magnetic resonance study of the state of water in cataractous eye lenses 8-64986
- Racz, P.**, Tompa, K., Pocsik, I. The state of water in normal and senile cataractous lenses 8-64987
- Raczkowski, A.W.** see Bardo, R.D. 8-88626
- Raczynski, W.** Permeability, diffusivity, and solubility of hydrogen and deuterium in pure iron at 10 to 60°C 8-75887
- Rad, F.N.** see Williamson, C.F. 8-66191
- Rada, W.S.** A study of high energy muons in extensive air showers 8-89027
- Radaj, D.**, Heib, M. Energy density fracture criteria for cracks under mixed mode loading 8-75102
- Radajewa, G.I.** see Bartenew, G.M. 8-92291
- Radar, M.** see Pollard, E.C. 8-53458
- Radautsan, S.I.**, Syrbu, N.N. Application of the Schottky barrier in the study of properties of semiconductors and metal-semiconductor interfaces 8-84300
- Radautsan, S.I.**, Syrbu, N.N., Stamov, I.G. Photoelectric properties of heterojunctions ZnP₂(D⁸)-ZnP₂(C^{2b})₂ 8-64105
- Radautsan, S.I.** see Kobzareno, V.N. 8-52677
- Radautsan, S.I.** see Merkulov, A.I. 8-72174
- Radchenko, A.I.** see Sultanov, A.E. 8-56738
- Radchenko, R.V.**, Shagolov, A.G. Generation of acoustic waves in the ionosphere 8-69581
- Radchenko, V.S.** see Bondar, V.M. 8-72160
- Radchenko, V.V.**, Fedorov, G.M. Nonlinear focal regions formed in transient thermal self-focusing of laser radiation in optical glass 8-50869
- Radcliffe, S.V.** see Torres-Villasenor, G. 8-95777
- Radebaugh, R.** Refrigeration fundamentals: a view toward new refrigeration systems 8-93697
- Radebaugh, R.** Electrocaloric refrigeration for the 4-20K temperature range 8-93703
- Radebaugh, R.**, Zimmerman, J.E. Shuttle heat transfer in plastic displacers at low speeds 8-93700
- Radebaugh, R.** see Zimmerman, J.E. 8-93699
- Radecki, K.W.** see Hahn, S.L. 8-89458
- Radeke, H.W.** see Gesiekeng, F. 8-77556
- Radelaar, S.** Polycrystalline silicon for photovoltaic energy production 8-52661
- Radelaar, S.** see Drijver, J.W. 8-52878
- Radelaar, S.** see Schins, W.J.H. 8-64560
- Radermacher, E.** see Faisner, R. 8-70355
- Rades, M.** Dynamic testing of non-linear materials using harmonic excitation with forces in quadrature 8-51141
- Radescu, E.E.** see Guisau, I. 8-93886
- Radev, S.P.** see Assenov, A.A. 8-83444
- Radford, D.C.**, Southon, J.R., Poletti, A.R. Lifetime measurements in ⁴¹Ar and ⁴¹K 8-78308
- Radford, D.C.** see Dracoulis, G.D. 8-78302
- Radford, K.C.**, Lange, F.F. Loading (L) factors for the biaxial flexure test 8-80695
- Radha, T.S.** see Ramprasad, B.S. 8-84099, 8-92411
- Radhakant, S.** see Marshall, J.S. 8-85652
- Radhakrishna, P.**, Brown, P.J., Herrmann-Ronzaud, D., Alben, R. A neutron diffraction investigation of domain formation in a staggered field induced by uniaxial stress in CoF₂ 8-76289
- Radhakrishna, P.** see Kohgi, M. 8-91856
- Radhakrishna, P.** see Scheite, W. 8-72390
- Radhakrishna, S.**, Bhaskar Rao, T. Optical absorption and ESR studies of nickel ions in sodium zinc sulphate tetrahydrate 8-76501
- Radhakrishna, S.**, Haridoss, S. Thermo currents in ionic crystals 8-60381
- Radhakrishna Murthy, I.V.** see Rao, B.S.R. 8-65418
- Radhakrishnan, M.** see Elumalai, K. 8-66684
- Radhakrishnan, M.** see Narayandas, K. 8-76167
- Radhakrishnan, V.** see Morris, D. 8-85965
- Radie, N.**, Marcelja, S. Solvent contribution to the Debye screening length 8-53211
- Radikovich, V.M.** see Zelen'ko, A.A. 8-92840
- Radil-Weiss, T.** see Bohdanecy, Z. 8-96040
- Radin, C.** Pointwise ergodic theory on operator algebras 8-86218
- Radin, C.** Signal propagation in lattice models of quantum many-body systems 8-93613
- Radin, N.S.**, del Vecchio, D. Effluent detector for chromatographic columns using volatile solvents 8-92529
- Radjabov, T.D.**, Kadirov, A.G. A highly effective source of inert gas ions 8-66003
- Radke, C.J.** see Wang, H.L. 8-84054
- Radke, L.F.** see Cadle, R.D. 8-57186
- Radley, D.E.** see Sethi, H.R. 8-55063
- Radley, K.**, Saupé, A. The structure of lyotropic nematic decylammoniumchloride and bromide systems by PMR of monomethyltin complexes and by microscopic studies 8-51410
- Radley, K.**, Saupé, A. Cholesteric states of micellar solutions 8-63846
- Radloff, W.**, Stert, V., Ritze, H.-H. New spectral information by Lamb-dip spectroscopy 8-89560
- Radmore, P.M.** Non-static nuclear forces in a Kerr-Newman background space 8-61880
- Radmore, P.M.**, Stephenson, G. Non-linear wave equations in a curved background space 8-65827
- Radna, R.J.**, Vaughn, W.J. Computer assisted unit data acquisition/reduction [for neurophysiology] 8-61266
- Rado, G.T.**, Ferrari, J.M., Remeika, J.P. Electric field dependence of a uniaxial anisotropy energy in lithium ferrite 8-68346
- Rado, M.** see Heuss, K. 8-53463
- Radojevic-Stojanovic, M.** see Bogdanovic, M. 8-50084
- Radojicic, D.** see Bosetti, P.C. 8-70357
- Radom, L.** see Lucchese, R.R. 8-55126
- Radom, L.** see Poppinger, D. 8-62720
- Radom, L.** see Rodwell, W.R. 8-70751
- Radomyselskii, I.D.**, Rymorov, E.V. Compressibility and electrical resistivity of mixtures of metallic and nonmetallic powders in cold pressing under low pressures 8-60609
- Radomyselskii, I.D.**, Titarenko, S.V., Petrova, A.M., Polotai, V.V. Friction and wear of sintered titanium materials 8-60843
- Radomyselskii, I.D.** see Babaritskii, K.A. 8-60593
- Radomyselskii, I.D.** see Gaiduchenko, A.K. 8-60614
- Radon, J.C.**, Leever, P.S., Culver, L.E. Fracture toughness of PMMA under biaxial stress 8-76760
- Radoslavova, I.** see Dinev, S. 8-55369
- Radovanova, E.I.** see Vodakov, Yu.A. 8-87942
- Radovic, Z.**, Dobrosavljevic, L., Kulic, M. Note on inversion temperature in pinning of vortices by periodic structures 8-56274
- Radovskii, I.Z.** see Gel'd, P.V. 8-84382
- Radovskii, S.G.** see Gurov, K.P. 8-95156
- Radowicz, A.** see Lachowski, J. 8-55868
- Radtke, R.** see Djordjevic, D. 8-67430
- Radtke, R.** see Guenther, K. 8-71449
- Radu, D.** see Atanasiu, G. 8-55759
- Radue, E.W.** see Kendall, B.E. 8-73195
- Radulescu, M.**, Nicula, H., Dobre, A., Sirbu, I. The best quenching heat-treatment for Mo high-speed steel 8-84852
- Radulovic, Z.M.** see Janey, R.K. 8-58779
- Radushev, A.V.**, Akkermann, G. Spectrophotometric methods of determination of palladium, platinum, rhodium, and iridium (review) 8-61115
- Raduta, A.A.**, Sabac, C. On the influence of the β band on the structure of the decoupled bands 8-93921
- Raduta, A.A.** see Badea, M. 8-89782
- Radwan, H.R.** Dynamic instability in cylindrical shells 8-59334
- Radyuk, A.F.** see Fedorov, F.I. 8-89638
- Radyuk, G.A.** see Mazitov, B.S. 8-78340
- Radzhabov, G.M.** see Chirkov, V.N. 8-59753
- Radzhabov, R.S.** see Nikityuk, N.M. 8-94176
- Radziemski, L.J.** see McDowell, R.S. 8-90162
- Radzievskii, V.V.**, Tomanov, V.P. Statistical consequences of the capture of comets by the Laplace scheme 8-53888

- Radzilowski, R.H.**, Pehlke, R.D. Absorption of gaseous oxygen by liquid cobalt, copper, iron and nickel 8-51686
- Radzimski, Z.** The backscattering of 10-120 keV electrons for various angles of incidence 8-63788
- Radzishewskii, B.** *see* Martynyuk, A.A. 8-62068
- Radzyukovich, T.E.** *see* Petrov, V.A. 8-91457
- Rae, A.D.** An optimized conjugate gradient solution for least-squares equations 8-79495
- Rae, A.D.** Orientation-dependent scattering factors for overlap electron density 8-91190
- Rae, A.D.**, Wood, R.A. Calculation of integrals for overlap electron density scattering factors 8-91191
- Rae, A.I.M.** The structural phase change in s-triazine. III. Lattice energy calculations 8-55945
- Rae, A.I.M.** *see* Smith, J.H. 8-55943, 8-55944
- Raeburn, S.J.**, Aldridge, R.V. The effect of the codeposition of nitrogen on the Hall resistivity of thin iron films 8-64146
- Raeburn, S.J.**, Aldridge, R.V. The Hall effect, resistivity and magnetic moment of amorphous and polycrystalline iron films 8-91786
- Raedt, B.** *De see* De Raedt, B.
- Raedt, H.** *De see* De Raedt, H.
- Raedt, J.A.G.** *De see* De Raedt, J.A.G.
- Raedt, J.** *De see* De Raedt, J.
- Raes, K.-H.** *see* Benkert, J. 8-49827
- Raether, H.** *see* Stiebling, J. 8-56094
- Raether, H.** *see* Wähling, G. 8-84674
- Raevskaya, L.T.** *see* Irkhin, Yu.P. 8-72134
- Raevskii, A.N.**, Prokhorenko, M.M. Heavy glaze storms and wire icing in the Ukraine 8-81329
- Raevskii, I.P.**, Malitskaya, M.A., Vuitsi, K.A., Prokopalo, O.I., Smotrakov, V.G., Fesenko, E.G. Photoferroelectric effects in potassium niobate 8-92029
- Rafael, E.** *de see* de Rafael, E.
- Rafailovich, M.H.** *see* Dafni, E. 8-62482
- Rafalko, J.J.** *see* Swanson, B.I. 8-74631
- Rafalowicz, J.** *see* Bartkowski, K. 8-79975
- Rafalowicz, J.** *see* Jezowski, A. 8-63890
- Rafalowicz, J.** *see* Misiolek, H. 8-76049
- Rafalowicz, J.** *see* Mucha, J. 8-76050
- Rafanelli, K.** *see* Orenstein, S. 8-93530
- Rafaniello, W.** *see* Cutler, I.B. 8-95159
- Rafelski, J.**, Fulcher, L.P., Klein, A. Fermions and bosons interacting with arbitrarily strong external fields 8-49987
- Rafelski, J.** *see* Bell, J.S. 8-89664
- Rafelski, J.** *see* Muller, B. 8-50198
- Rafelski, J.** *see* Soff, G. 8-62949
- Raffaella Tosi, M.** *see* Bertoluzza, A. 8-82724
- Raffle, J.F.** The physics and chemistry of cements and concretes 8-73013
- Raffy, J.** *see* Jeunhomme, L. 8-63173
- Rafi, M.** *see* Khan, I.A. 8-50554
- Rafikov, S.R.**, Ionov, V.I., Aleev, R.S., Pestryaev, E.M., Pancheshnikova, R.B., Dobrikov, A.L., Danilov, V.T. Thermal stability and physical transitions in polymethylene- and polyethylene sulphides 8-51449
- Rafikov, S.R.**, Korobeinikova, V.N., Lotnik, S.V., Bikhurina, L.Kh., Leplyanin, G.V., Kazakov, V.P. Radiothermoluminescence of poly(methyl methacrylate) sparsely cross-linked by dimethacryloxymethylanthracene 8-73068
- Rafinejad, P.** *see* Ancelle, B. 8-94355
- Rafique, S.** *see* Collins, A.T. 8-52057
- Raftopoulos, D.D.**, Kartalopoulos, S.V. The reflected and transmitted shadow methods for the study of sharp V-notched plates under pure bending 8-90777
- Raftopoulos, D.D.** *see* Kartalopoulos, S.V. 8-90804
- Raga, F.** *see* Grill, E. 8-84549
- Ragab, A.R.**, Baudet, B. A theoretical and experimental analysis of the roll load and torque necessary in rolling superplastic materials 8-95761
- Ragaller, K.** Physics of arcs in circuit breakers 8-75482
- Ragauskas, A.V.** *see* Levitas, I.S. 8-77892
- Ragdale, C.M.** *see* Gambling, W.A. 8-63194, 8-74980, 8-74984, 8-87141
- Rageh, M.S.I.** *see* Hitchcock, A.H. 8-87576
- Rager, H.**, Weiss, A. ¹H and ¹⁹F nuclear spin-lattice relaxation in solid $[(CH_3)_4SiF_6]$, X=N, P, As and Sb 8-80234
- Rager, H.**, *see* Hafner, S. 8-56405
- Ragenbass, A.**, *see* Carnino, A. 8-57084
- Raggett, G.F.** Computer graphics for numerical analysis tuition 8-81817
- Raghavachar, M.R.** Unsteady hydromagnetic motion of a rotating conducting fluid 8-79387
- Raghavan, M.** Formation of γ' and γ'' precipitates in Cu-Ni-Nb-Al alloys 8-76655
- Raghavan, N.** EUV models of the chromosphere-corona transition region 8-69767
- Raghavan, R.** *see* Aguilar-Benitez, M. 8-82228
- Raghavan, R.** *see* Cooper, A.M. 8-62465, 8-78205
- Raghavan, R.** *see* Hamatsu, R. 8-66141
- Raghavan, R.** *see* Nacasch, R. 8-54646
- Raghavan, R.S.** *see* Pfeiffer, L. 8-73639
- Raghavan, S.** Structure of an immature cyclonic storm in the Bay of Bengal as revealed by radar 8-85628
- Ragheb, M.M.H.**, Cheng, E.T., Conn, R.W. Monte Carlo and discrete ordinates investigations for a laser reactor Li_2O blanket 8-62603
- Ragheb, M.M.H.**, Cheng, E.T., Conn, R.W. Monte Carlo study of asymmetric effects in a magnetically-protected-first-wall laser driven reactor 8-74464
- Raghnandan, C.R.**, Anand, G.V. Subharmonic vibrations of order 1/3 in stretched strings 8-90580
- Raghuraman, P.**, Davidovits, P. Velocity slip of gas mixtures in free jet expansions 8-90951
- Raghuraman, S.** *see* Conrad, H. 8-64659
- Raghuveer, K.**, Narasimham, N.A. Spectrum of NS. Perturbations in the $A^2\Pi_{1/2}-X^2\Pi_{1/2}$ transitions and constants of the $B^2\Sigma^+$ state 8-70845
- Raghuveer, K.S.** *see* Herndon, W.C. 8-82615
- Raghy, S.** *El see* El Raghy, S.
- Ragiadakis, C.**, Zenses, C. CPT-violating Lagrangian formalism 8-62303
- Ragimov, A.M.**, Topchibashev, M.A., Seidov, N.M. Mathematical simulation of kinetics of the process of ethylene-propylene synthetic rubber thermal expansion 8-55958
- Ragimov, S.N.** *see* Abdullaev, G.B. 8-95385
- Ragimov, Ya.G.** *see* Bagirov, M.A. 8-76386
- Ragland, K.W.** *see* Samson, P.J. 8-61507
- Ragland, P.C.** *see* Wooden, J.L. 8-77196
- Ragland, T.V.** *see* Foster, J.L., Jr. 8-66282
- Ragle, J.L.** *see* Maurer, H.M. 8-88203
- Ragnarsson, I.**, Nilsson, S.G., Sheline, R.K. Shell structure in nuclei 8-86493
- Ragnarsson, I.** *see* Vieu, C. 8-70425
- Ragnisco, O.** *see* Bruchi, M. 8-70007
- Ragnisco, O.** *see* Levi, D. 8-81804
- Ragozin, E.N.** Determination of the electron density profile of a laser plasma from the Stark broadening of spectral lines in vacuum ultraviolet 8-59684
- Ragozin, E.N.** *see* Peregudov, G.V. 8-75420
- Ragozzino, E.** *see* Abbate, G. 8-56448
- Ragul'skii, V.V.** *see* Pilipetskii, N.F. 8-63154
- Ragutt, B.**, Schulke, L. Weak effects in the decay spectra of neutral pseudoscalar mesons 8-86450
- Rahalkar, R.R.**, Chiu, D.S., Mark, J.E. Dipole moments of polydiethylsiloxane chains $[Si(CH_3CH_2)_2O]_n$ 8-78844
- Rahim, C.A.**, Barnard, R.D. The thermopowers and resistivities of copper alloyed with homo-valent and polyvalent impurities and the validity of the Nordheim-Gorter relation 8-91671
- Rahim, M.H.S.** A cryostat enabling thermal conductivity measurements of specimens deformed plastically at liquid helium temperatures 8-81985
- Rahim, Z.**, Barman, B.N. The van der Waals criterion for hydrogen bonding 8-91292
- Rahim, Z.** *see* Barman, B.N. 8-49801
- Rahimi, F.** *see* Debeauvais, M. 8-70577
- Rahimullah, K.**, Chaghtai, M.S.Z., Khatoun, S. The 4p-4d transitions of V VI, VII, VIII, Zr VII, VIII, IX, Nb VIII, IX, X and Mo IX, X, XI 8-82669
- Rahka, K.** On the transition from initiation to propagation of fatigue cracks in plain steel specimens 8-68802
- Rahkonen, V.** *see* Bergstrom, I. 8-78307
- Rahm, D.** *see* Cobb, J.H. 8-89749
- Rahm, D.C.** *see* Cobb, J.H. 8-62469
- Rahman, A.**, Mahanta, P.C. Electrical conduction and size effect in bismuth films 8-84331
- Rahman, A.** *see* Vashishta, P. 8-55981
- Rahman, A.A.**, Parry, L.G. Titanomagnetites prepared at different oxidation conditions: hysteresis properties 8-56352
- Rahman, M.A.** Flow micro-calorimetry. II. Comparison of flow and static calorimetric measurements and determination of surface area of powdered solids 8-81974
- Rahman, M.A.** Flow micro-calorimetry. I. Measurement of heat of adsorption and relation between heat of adsorption and adhesive wear 8-85193
- Rahman, M.A.** *see* Edwards, D.M. 8-76229
- Rahman, N.K.**, Faisal, F.H.M. High-energy resonant cross sections for simultaneous electron-photon excitation of the 3s state of hydrogen 8-70938
- Rahman, N.K.**, Gianturco, F.A., Lamanna, U.T. Glauber amplitudes for rotational excitation in e^- -molecule scattering via quadrupole potentials 8-82851
- Rahn, J.P.** How to extinguish a light beam without scatter 8-87126
- Rahrig, D.**, Azuma, C., MacKnight, W.J. Dynamic mechanical and dielectric properties of phosphonylated polypentenamers and their hydrogenated derivatives 8-68448
- Rai, B.P.**, Srivastava, R.S. Negative bias instability in SiO_2 films on silicon 8-91773
- Rai, C.S.**, Manghnani, M.H. Electrical conductivity of ultramafic rocks to 1820 Kelvin 8-69335
- Rai, D.K.** *see* Tiwary, S.N. 8-55225, 8-62921
- Rai, G.** *see* Mansingh, A. 8-56438
- Rai, J.** On the origin of UHF atmospherics 8-61497
- Rai, K.** *see* Khattri, K. 8-96161
- Rai, M.** *see* Lehman, D.R. 8-50090
- Rai, R.C.** *see* Pathak, L.P. 8-63818
- Raibert, M.H.** A model for sensorimotor control and learning 8-69033
- Raible, A.** *see* Neuhauser, H.J. 8-72785
- Raich, J.C.** *see* Gillis, N.S. 8-75946
- Raichenko, A.I.** *see* Fedorchenko, I.M. 8-64507
- Raichenko, A.I.** *see* Kol'chinskii, M.Z. 8-60615
- Raichev, B.D.** *see* Tenchov, B.G. 8-96019, 8-96020
- Raichle, M.E.**, Welch, M.J., Grubb, R.L., Jr., Higgins, C.S., Ter-Pogossian, M.M., Larson, K.B. Measurement of regional substrate utilization rates by emission tomography 8-69183
- Raiconi, G.** *see* Carotenuto, L. 8-69391
- Raider, S.L.**, Berman, A. On the nature of fixed oxide charge 8-56047
- Raidt, H.** *see* Menniger, H. 8-83695
- Raidt, H.** *see* Menninger, H. 8-91340
- Raigorodskii, A.I.**, Amamchyan, R.G., Gil'man, I.I. Thermal conductivity of certain adsorption materials at the temperatures 10-200K 8-79828
- Raikhbaum, Ya.D.** *see* Morgulis, T.E. 8-61106
- Raikhel's, E.I.** *see* Bumarskova, N.A. 8-95819
- Raikhner, Yu.L.** *see* Shliomis, M.I. 8-59766
- Raikhman, A.Z.**, Kudryashov, Yu.M. Monitoring the quality of contact welds 8-56854
- Raikhman, B.A.**, Smirnov, V.N. Threshold for pulsed optical breakdown near a solid surface at $\lambda = 10.6 \mu$ 8-68582
- Raikov, B.K.** *see* Klevtsova, T.P. 8-70123
- Raikov, S.N.** *see* Burakov, V.S. 8-73124
- Raimbault, P.** *see* Fumelli, M. 8-66400
- Raimond, J.M.** *see* Gross, M. 8-66794
- Raina, A.K.**, Singh, V. Exact solution of a Meiman problem with an application to the pionic contribution to the muon magnetic moment 8-78182
- Raine, K.W.**, Downs, M.J. Beam-splitter coatings for producing phase quadrature interferometer outputs 8-77974
- Raine, K.W.** *see* Downs, M.J. 8-58018
- Raine, T.** *see* Schintmeister, W. 8-92365
- Rainer, D.** *see* Culetto, F.J. 8-91806
- Rainer, D.** *see* Serene, J.W. 8-67883
- Rainer, F.** *see* Shay, H.D. 8-91132
- Rainer, F.** *see* Storm, E.K. 8-74471
- Rainford, B.D.** *see* Burke, S.K. 8-95437
- Rainford, B.D.** *see* Ododo, J.C. 8-72347
- Raino, A.** *see* Brautti, G. 8-65956, 8-82539
- Rains, L.J.**, Moore, H.W., McIver, R.T., Jr. Equilibrium electron-transfer reactions in the gas phase involving long-lived negative ion radicals 8-58807
- Rains, S.D.** Size, shape, and position of a spectrophotometer light beam 8-58047
- Rains, T.C.** *see* Epstein, M.S. 8-69510
- Rainwater, J.C.**, Hanley, H.J.M. The bulk viscosity of a fluid: the inverse power potential 8-91466
- Raisanen, K.** *see* Jokisaari, J. 8-76334
- Raiser, V.Yu.** *see* Bordonkii, G.S. 8-69353
- Raisin, C.** *see* Duchemin, S. 8-60549
- Raitala, J.** Tectonic pattern of the Cruger/Rima Sirsalis-Rima De Gasparis region of the Moon 8-65520
- Raiteri, F.**, Senin, A., Fagherazzi, G. An automatic system for X-ray diffraction line profile analysis 8-79498
- Raith, W.** *see* Alguard, M.J. 8-70376
- Raithby, G.D.**, Hollands, K.G.T. Heat transfer by natural convection between a vertical surface and a stably stratified fluid 8-90885
- Raithby, G.D.**, Hollands, K.G.T. Analysis of heat transfer by natural convection (or film condensation) for three dimensional flows 8-94692
- Raithby, G.D.** *see* Garner, R.G. 8-79377
- Raither, S.** *see* Bebek, C.J. 8-66128
- Raitio, R.** *see* Kajantie, K. 8-49976, 8-78148
- Raitsyn, A.B.** *see* Popov, V.F. 8-74523
- Raizer, Yu.P.**, Shapiro, G.I. The ionization-overheat instability of a flow discharge in alternating fields and the instability effect of high-voltage pulses 8-91175
- Raizer, Yu.P.** *see* Generalov, N.A. 8-71514
- Raj, K.**, Durand, J., Budnick, J.I., Skalski, S. NMR studies of metal and metalloid site hyperfine field distributions in magnetically ordered amorphous alloys 8-68409
- Raj, K.** *see* Budnick, J.I. 8-91669
- Raj, R.** Nucleation of cavities at second phase particles in grain boundaries 8-59819
- Raj, R.**, King, G.W. Life prediction of tungsten filaments in incandescent lamps 8-84927
- Raj, R.**, Lumley, J.L. A theoretical investigation on the structure of fan wakes 8-79322
- Raj, R.** *see* Min, B.K. 8-60734
- Raj, T.F.S.** *see* Kishore, P.R. 8-75542

- Raja, R.** Observation of a new regularity in hadronic spectra 8-82185
- Raja, R.** The predictor-corrector technique of track following 8-90044
- Raja, R.** *see* Bust, C.P. 8-93909
- Raja Rajendran** *see* Rajendran Raja
- Raja Rao, M.** *see* Mujawar, B.A. 8-51204
- Raja Ratnam, S.** *see* Ramachandra Rao, B. 8-65552
- Rajadurai, S.** *see* Kulasekaran, S. 8-56577
- Rajagopal, A.K.** Linear-response functions in spin-density-functional theory 8-67965
- Rajagopal, A.K.,** Singhal, S.P., Banerjee, M., Kimball, J.C. Correlations in two-dimensional electron systems. Magnetic properties 8-56095
- Rajagopal, A.K.,** Singhal, S.P., Banerjee, M., Kimball, J.C. Ferromagnetism of two-dimensional electron systems 8-60258
- Rajagopal, H.** *see* Sequeira, A. 8-55787
- Rajagopala Rao, P.,** Chatterjee, R.N. Some aspects of the design of an achromatic doublet 8-71183
- Rajagopalan, G.** *see* Swaminathan, V. 8-75054
- Rajagopalan, M.** *see* Miller, J.M. 8-50220
- Rajagopalan, S.** *see* Antonia, R.A. 8-69357
- Rajagopalan, S.** *see* Nandanpawar, M.L. 8-75799
- Rajamohan, R.** Stellar rotation on the zero age main sequence 8-93213
- Rajan, R.** *see* Khare, R.K. 8-64308
- Rajan, V.T.,** Chia-Wei Woo, Wu, F.Y. Multiple density correlation functions for inhomogeneous systems 8-49757
- Rajanathan, C.B.** *see* Lowther, D.A. 8-94354
- Rajaram, R.** The design of diffusion pumps 8-81999
- Rajasingh, C.K.** *see* Leibold, A. 8-65486
- Rajendra, G.** *see* Ramaswamy, M.A. 8-87358
- Rajendran Raja** Observation of a new regularity in hadronic spectra 8-78227
- Rajeswara Rao, N.** *see* Naik, P. 8-62806
- Rajeswara Rao, N.** *see* Rama Chary, C. 8-70829, 8-72493
- Rajkumar, N.** *see* Willets, R.J. 8-81002
- Rajnak, K.,** Shore, B.W. Regularities in s-electron binding energies in $1s^m$ configurations 8-62731
- Rajpoot, S.** *see* Pati, J.C. 8-62350
- Rajput, B.S.,** Prakash, O. Symmetries of generalised electromagnetic fields 8-86988
- Rajput, K.S.** A new solvable potential from the quasilinear van der Pol equation 8-57790
- Rajput, K.S.** Interrelation between solvable scalar potentials for the non-relativistic and relativistic wave equations 8-58110
- Rajski, K.** Theory of the dead-weight piston gauge 8-49851
- Raju, G.R.** Govinda *see* Govinda Raju, G.R.
- Raju, K.** Kanaka *see* Kanaka Raju, K.
- Raju, M.R.,** Amols, H.I., Bain, E., Carpenter, S.G., Cox, R.A., Robertson, J.B. A heavy particle comparative study. III. OER and RBE 8-85337
- Raju, M.R.,** Amols, H.I., Dicello, J.F., Howard, J., Lyman, J.T., Koehler, A.M., Graves, R., Smathers, J.B. A heavy particle comparative study. I. Depth-dose distributions 8-85379
- Raju, M.R.,** Bain, E., Carpenter, S.G., Cox, R.A., Robertson, J.B. A heavy particle comparative study. II. Cell survival versus depth 8-85336
- Raju, M.R.,** Carpenter, S.G. A heavy particle comparative study. IV. Acute and late reactions 8-85338
- Raju, P.N.,** Shanbhag, M.R. Large deflection static analysis of typical tail-wheel structure of light aircraft by finite element method 8-83272
- Raju, R.D.** Ratna *see* Ratna Raju, R.D.
- Raju, S.B.** *see* Eymery, J.P. 8-92963
- Raju, V.C.** Chenchu *see* Chenchu Raju, V.C.
- Rajvanshi, S.C.** *see* Singh, M. 8-90914
- Rakadjiev, R.K.** *see* Assenov, A.A. 8-83444
- Rakel, D.A.** *see* Fleissner, J.G. 8-66307
- Rakhecha, V.C.,** Chakravathy, R., Murthy, N.S.S. A polarised neutron study of magnetic moment density in Cu_2MnAl 8-84391
- Rakhimbaev, B.G.** *see* Basova, E.S. 8-82358
- Rakhimov, A.T.** *see* Andreyeva, M.N. 8-71609, 8-71610
- Rakhimov, A.T.** *see* Golubev, S.A. 8-71613
- Rakhimov, A.T.** *see* Kovalev, A.S. 8-59713
- Rakhimov, A.T.** *see* Mikhailova, N.V. 8-71611
- Rakhimov, N.** *see* Bergmann, Ya.V. 8-52073
- Rakhimova, T.V.** *see* Kovalev, A.S. 8-59713
- Rakhmanov, P.A.** *see* Danilov, V.L. 8-88517
- Rakhmanov, S.Ya.** Crystallization of an electron-hole plasma in a strong magnetic field 8-79955
- Rakhmatulin, Kh.A.,** Khamidov, A.A. Solution of axisymmetric problems of jets of an ideal compressible gas 8-83448
- Rakhmatulin, Kh.A.,** Osokin, A.E. The solution of the wave propagation problem when the stress-tension diagram admits a region of negative slope 8-79255
- Rakhmatulin, Kh.A.,** Saatov, Ya.U., Khamidov, L.A. Displacement field close to the tectonic focus of an earthquake 8-65204
- Rakhshani, A.E.,** Hogarth, C.A. A new switching effect in M-I-M thin-film structures at atmospheric pressure 8-80067
- Rakitskii, A.N.,** Trefilov, V.I. Optimum alloying of chromium with highly active elements. A survey 8-68651
- Rakopoulos, C.D.,** El-Shirbini, A.A., Murgatroyd, W. An experimental investigation into the dynamics of two-phase flow in vapour generators 8-94808
- Rakos, M.** *see* Oravcova, J. 8-91962
- Rakov, A.V.** *see* Volkov, V.V. 8-60422
- Rakova, E.V.,** Semiletov, S.A. The orientation of epitaxial PbTe layers on different faces of lithium niobate 8-79907
- Rakowski, W.** *see* Wrobel, A.M. 8-95831
- Rakshit, A.B.** *see* Glosik, J. 8-92443
- Ralarosy, J.** *see* Debeauvais, M. 8-70577
- Rall, W.F.,** Mazur, P., Souza, H. Physical-chemical basis of the protection of slowly frozen human erythrocytes by glycerol 8-77020
- Ralle, J.-C.** *see* Le Ralle, J.-C.
- Ralph, H.I.** The degeneracy factor of the gold acceptor level in silicon 8-51927
- Ralph, J.E.,** Plummer, M.J. Charge storage and photoconductivity of PbO powder layers 8-64056
- Ralston, L.M.,** Shareck, M.W., Zech, R.G. Experimental characterization of high-resolution electrophotographic recording media 8-70208
- Ralston, R.W.** *see* Leonberger, F.J. 8-94492
- Ram, A.,** Mereu, R.F., Weichert, D.H. The identification interpretation of upper mantle travel-time branches from measurements of dT/d Δ made on data recorded at the Yellowstone seismic array 8-65211
- Ram, G.,** Mishra, R.S. Unsteady flow through magnetohydrodynamic porous media 8-59496
- Ram, K.S.** Basic nuclear engineering 8-54810
- Ram, N.** *see* Quadeer, A. 8-64533
- Ram, P.** *see* Gupta, M.P. 8-75652
- Ram, P.N.** *see* Agrawal, B.K. 8-76506
- Ram, R.** Effect of radiative heat transfer on the growth and decay of acceleration waves 8-87243
- Ram, R.** Non-equilibrium effects on the breakdown of weak solutions in non-linear wave propagation [acoustic waves in gas] 8-94890
- Ram, R.** *see* Gaur, M. 8-63505
- Ram, R.K.** Prabhakar *see* Prabhakar Ram, R.K.
- Ram, V.** Vasanta *see* Vasanta Ram, V.
- Ram Sagar, Joshi, U.C.** Study of the galactic cluster NGC 581 8-89230
- Ram Sagar, Joshi, U.C.** Study of the extremely young open cluster NGC 6530 8-93341
- Rama Chary, C.,** Buddha Addepalli, V., Padma, V.A., Rajeswara Rao, N. Raman and infrared intensity analysis of benzene 8-70829
- Rama Chary, C.,** Kumar, S.P., Rajeswara Rao, N. Normal coordinate treatment and Raman intensity analysis of crystalline SrCIF 8-72493
- Rama Devi, P.** *see* Lakshman, S.V. 8-92087
- Rama Murthy, V.** *see* Menzies, M.M. 8-65302
- Rama Rao, A.H.** *see* Bhat, T.N. 8-75641
- Rama Rao, I.** *see* Sriram Shastri, B. 8-80117
- Rama Rao, J.** *see* Fodor, I. 8-70504
- Rama Rao, P.** *see* Malakondaiah, G. 8-60835
- Rama Rao, P.V.S.,** Sri Rama Rao, M., Satyam, M. Diurnal and seasonal trends in TEC values observed at Waltair 8-69596
- Rama Rao, V.V.K.** Leak detection: Principle and practice 8-81995
- Ramachandra Rao, A.** *see* Bathala, C.T. 8-77289
- Ramachandra Rao, B.,** Bhagiratha Rao, E., Sri Rama Rao, M., Raja Ratnam, S., Krishna Rao, D.A.V. The effect of D-region absorption on the forward scatter radiometer amplitude distribution index 8-65552
- Ramachandra Rao, C.V.S.** A relation involving the Placzek-Teller coefficients by $b_{j,k}^{i,l,k}$ ($k' - k = \pm 3$) for C_{3v} molecules 8-86914
- Ramachandra Rao, D.** *see* Agarwal, U.P. 8-58729
- Ramachandra Rao, D.** *see* Dayal, R. 8-91935
- Ramachandra Rao, D.** *see* Lal, B. 8-60514
- Ramachandra Rao, D.** *see* Sivaram, R. 8-56514
- Ramachandran, G.,** Keshavamurthy, R.S. Magnetic contributions to high energy inverse bremsstrahlung process 8-74350
- Ramachandran, G.,** Murthy, M.V.N. Theoretical study of deuteron polarization in $\gamma + d \rightarrow n^0 + d$ 8-74348
- Ramachandran, G.,** Murthy, R.S., Murthy, M.V.N. Photoproduction of charged pions on neutrons from deuteron targets 8-74349
- Ramachandran, P.** Subhadra *see* Subhadra Ramachandran, P.
- Ramachandran, R.** *see* Balachandran, A.P. 8-54225, 8-54226
- Ramachandran, S.V.** *see* Srinivasan, R.S. 8-55505
- Ramachandran, T.R.** *see* Singh, V. 8-76676
- Ramachandran, V.** Electric field intensity distributions inside a LiNbO_3 crystal with different interdigital electrode configurations 8-76433
- Ramachandran, V.S.,** Gregory, R.L. Does colour provide an input to human motion perception? 8-85312
- Ramacharyulu, N.C.** Pattabhi *see* Pattabhi Ramacharyulu, N.C.
- Ramadan, B.,** Kos, J.F. 'Crystal bridge' for measuring the equivalent electrical parameters of piezoelectric crystals 8-54404
- Ramadhyan, S.** *see* Patankar, S.V. 8-71331
- Ramage, C.S.** Further outlook-hazy 8-69394
- Ramaglia, V.M.,** Zucchelli, G.P. Application of a variational principle for calculating S matrix poles 8-74165
- Ramaglia, V.** Marigliano *see* Marigliano Ramaglia, V.
- Ramaiah, G.K.,** Vijayakumar, K., Rosen, A., Libai, A. Axisymmetric flexural vibrations of annular plates under uniform internal compression 8-83302
- Ramakrishna, B.S.** *see* Dutt, D.N. 8-83305, 8-83308
- Ramakrishna, J.** *see* Chandramani, R. 8-50560
- Ramakrishna, M.,** Babu, S.V. Diatomic dissociation. Effects of weak bias and anharmonicity 8-82661
- Ramakrishna Rao, T.V.** *see* Lakshman, S.V.J. 8-50485, 8-50531
- Ramakrishnan, A.** Unnoticed symmetries in Einstein's special relativity 8-77704
- Ramakrishnan, C.V.** *see* Bhavikatti, S.S. 8-89941
- Ramakrishnan, J.,** Boehler, R., Higgins, G.H., Kennedy, G.C. Behavior of Gruneisen's parameter of some metals at high pressures 8-83899
- Ramakrishnan, J.,** Nagarajan, N., Kumar, A., Gopal, E.S.R., Chandrasekhar, P., Ananthakrishna, G. Critical behaviour of electrical resistivity in polar+nonpolar binary liquid systems 8-71874
- Ramakrishnan, K.P.** *see* Neelakantaswamy, P.S. 8-80914
- Ramakrishnan, P.** Vacuum in powder metallurgy 8-84736
- Ramakrishnan, S.,** Stokes, A.D., Lowke, J.J. Magnetically driven plasma flows in high current free burning arcs 8-71588
- Ramakrishnan, S.** *see* Carroll, R.F. 8-54963
- Ramaley, L.,** Surette, D.P. Autoranging in high speed data acquisition systems 8-85233
- Ramalho, R.S.** *see* Ba, L.B. 8-91057
- Ramamonjiarisoa, A.** *see* Baldy, S. 8-85734
- Ramamurthy, V.P.** *see* Ilango, B. 8-65942
- Ramamurthy, V.S.,** Kapoor, S.S. Analysis of fission excitation functions and the determination of shell effects at the saddle point 8-54737
- Ramamurthy, V.S.** *see* Kataria, S.K. 8-82290
- Raman, K.S.** *see* Yegneswaran, A.H. 8-80559
- Raman, S.,** Mizumoto, M., Slaughter, G.G., Macklin, R.L. Observation of primary E2 transitions in the reaction $^{207}\text{Pb}(n,\gamma)$ 8-58284
- Raman, T.,** Rao, G.N., Chakravorty, D. Mossbauer effect studies of alkali borate glasses 8-80260
- Raman, V.,** Mukhopadhyay, P. Mechanical equation of state in zirconium alloys 8-52880
- Raman, V.,** Mukhopadhyay, P. Deformation of the martensite in Zr-1.5 wt.% Sn and zircaloy-2 8-84842
- Raman, V.** *see* Mukhopadhyay, P. 8-84779
- Raman, V.S.** Resonance fluorescence in intense radiation fields 8-58961
- Ramana, K.V.V.** *see* Jaganmohan Rao, B. 8-69594
- Ramana, K.V.V.** *see* Madhusudhana Rao, D.N. 8-69593
- Ramana Murthy, M.V.** *see* Singh, A.N. 8-82524
- Ramana Murthy, P.V.** *see* DeHaven, C.E., Jr. 8-82244
- Ramana Rao, A.** *see* Sequeira, A. 8-55787
- Ramanan, V.R.V.,** Berger, L. Effect of domain wall orientation on the electrical resistivity of pure cobalt at 4K 8-91662
- Ramanantoandro, R.,** Manghnani, M.H. Temperature dependence of the compressional wave velocity in an anisotropic dunite: measurements to 500°C at 10 kbar 8-77224
- Ramanand, A.** *see* Ramji Rao, R. 8-71814
- Ramanathan, D.** Mercury—its use and abuse 8-81998
- Ramanathan, K.V.,** Srinivasan, R. A lock-type cell for NMR studies at high hydrostatic pressures and low temperatures 8-54416
- Ramanathan, K.V.,** Srinivasan, R. Proton NMR investigations of ferroelectricity in ammonium sulphate 8-72470
- Ramanathan, K.V.,** Srinivasan, R. NMR study of ammonium halides under high pressure 8-84485
- Ramanathan, N.** *see* Banerjee, S. 8-94870
- Ramanathan, S.** *see* Mondal, P.K. 8-50880

- Ramanathan, V.** Interactions between ice-Albedo lapse-rate and cloud-top feedbacks: an analysis of the nonlinear response of a GCM climate model 8-69438
- Ramanathan, Y., Bansal, R.K.** On the application of a primitive equation barotropic model for the prediction of storm tracks in the Indian region 8-85625
- Ramani, A., Laval, G.** Heat flux reduction by electromagnetic instabilities 8-67320
- Ramani, G.** see Singh, A.K. 8-89495
- Ramani, N.** see Gupta, V.K. 8-69475
- Ramani, R., Mani, K.K., Singh, R.P.** Long optical vibrations and elastic constants of hexagonal boron nitride 8-51621
- Ramaniah, K.V., Reddy, K.V.** Beta spectral shapes in the decay of ^{177}Lu 8-74337
- Ramaniah, K.V., Reddy, K.V.** Small order deviation in the shape of unique beta transition of ^{204}Tl 8-74338
- Ramaniah, K.Venkata** see Venkata Ramaniah, K.
- Ramanujam, P.S.** see Andersen, T. 8-86815
- Ramanujam, P.S.** see Heinemeier, J. 8-70675
- Ramanujam, P.S.** see Isaksen, S. 8-90218
- Ramaprian, B.R.** see Shivaprasad, B.G. 8-79310
- Ramasastri, C.** see Sunandana, C.S. 8-72559
- Ramaseshan, S.** see Shubha, V. 8-60174
- Ramaswamy, A.** see Bhaskara Rao, P. 8-90148
- Ramaswamy, C., Pareek, R.S.** The southwest monsoon over India and its teleconnections with the middle and upper tropospheric flow patterns over the Southern Hemisphere 8-81334
- Ramaswamy, K., Palaniappan, P.R.** On the calculation of the change in the mean-square amplitude values of some XY_3 pyramidal type molecules 8-55158
- Ramaswamy, K., Prasad, G.K.** Atomic potential energy distribution for polyatomic molecules 8-58762
- Ramaswamy, K., Srinivasan, R.** Infrared and atomic mineral analysis of some oyster shells 8-61116
- Ramaswamy, M.A., Rajendra, G.** Experimental investigation of transonic flow past a blunt cone-cylinder 8-87358
- Ramaswamy, R.** see Green, S. 8-77586
- Ramaswamy, V., Divino, M.D., Standley, R.D.** Balanced bridge modulator switch using Ti-diffused LiNbO_3 strip waveguides 8-63201
- Ramaswamy, V., Standley, R.D., French, W.G.** Polarization characteristics of noncircular core single-mode fibers 8-94430
- Ramaswamy, V., Standley, R.D., Sze, D., French, W.G.** Polarization effects in short length, single mode fibers 8-71203
- Ramaswamy, V.** see Hibbs, R.D. 8-61329
- Ramati, S.D.E., Abbaschian, G.J., Backman, D.G., Mehrabian, R.** Forging of liquid and partially solid Sn-15 pct Pb and aluminium alloys 8-80569
- Ramati, S.D.E., Abbaschian, G.J., Mehrabian, R.** The structure of a partially solid alloy 8-84793
- Ramavartaram, K., Rangacharyulu, C., Szoghy, I.M., Hilkro, R., St-Pierre, C.** Isobaric analog resonances in the $^{68}\text{Zn}(p,\gamma)^{69}\text{Ga}$ reaction 8-66257
- Ramayya, A.V.** see de Lima, E. 8-55090
- Ramazashvili, R.R.** see Gorbunov, L.M. 8-83578
- Rambaldi, G., Mazzone, D., Marazza, R., Delfino, S., Ferro, R.** Phase equilibria in the Mg-rich corner of the magnesium-copper-lead system 8-76630
- Ramberg, J.S.** see Koftan, R.J. 8-53180
- Ramberger, R.** Optimization of the current profile in MHD generators 8-94939
- Rambidi, N.G., Lunichev, V.N.** Molecules with polycrystalline nature of bond. Spatial distribution and motion of the Li atom in an LiNC molecule 8-66533
- Rambidi, N.G.** see Boldyrev, A.I. 8-86771
- Rambidi, N.G.** see Lunichev, V.N. 8-82623, 8-86776
- Ramdas, S., Jones, W., Thomas, J.M., Desvergne, J.-P.** The role of orientational defects in the photodimerization of 1,5-dichloroanthracene 8-80724
- Ramdas, S.** see Parkinson, G.M. 8-83680
- Ramesh, T.G.** see Shubha, V. 8-57978, 8-60174
- Ramesh Kumar Singh** see Pandey, B.C. 8-53708
- Ramey, H.H., Jr.** see Lawson, R. 8-88591
- Ramik, Z.** see Pavelek, M. 8-62220
- Ramirez, R.** see Kiwi, M. 8-72059, 8-76185
- Ramji Rao, R., Ramanand, A.** Lattice dynamics, specific heat, and bulk modulus of scandium 8-71814
- Ramkissoon, H.** Representations in hydrodynamics 8-51143
- Ramkumar, R.L., Frederick, D.** Axisymmetric delaminations in layered cylinders 8-79269
- Ramm, A.G.** Scattering of waves by small particles 8-66764
- Rammal, R., Maynard, R.** Spectral diffusion in glasses 8-59914
- Rammamurthy, T.S.** see Mangalgiri, P.D. 8-62057
- Rammant, J.P., Backx, E.** GROW1: A program for anisotropic soil fluid flow with free or artesian surface. Application to excavations at lock of Zeebrugge (Belgium) 8-92872
- Rammo, N.** see Al-Naser, A.M. 8-93960
- Ramonas, A.A.** see Kovalev, V.I. 8-55134
- Ramond, P.** see Brink, L. 8-49744, 8-65856
- Ramos, A.R., Bates, F.S., Cohen, R.E.** Importance of the Massa correction for loss tangent measurements on the Rheovibron 8-83349
- Ramos, J.G.** On the spin-flip line shape in CdS 8-88307
- Ramos, J.G.** see Nucho, R.N. 8-51922, 8-87931
- Ramos, M.** see Zeuthen, T. 8-64967
- Rampacek, J.** see Rushneck, D.R. 8-77460
- Rampf, H.** see Latsch, K. 8-94525
- Rampoldi, R.** see Lechi, G.M. 8-65246
- Ramponi, G.** see Adam, J. 8-71473
- Ramponi, G.** see Fidone, I. 8-55723
- Ramprasad, B.S., Radha, T.S.** A simple method for the measurement of stress in evaporated thin films by real-time holographic interferometry 8-84099
- Ramprasad, B.S., Radha, T.S.** Testing the adhesion of thin films using real-time holographic interferometry: a simple method 8-92411
- Ramsay, D.A.** see Back, R.A. 8-78717
- Ramsay, D.A.** see Birss, F.W. 8-62818
- Ramsay, D.A.** see Lutz, B.L. 8-86861
- Ramsay, D.A.** see Vervloet, M. 8-74688
- Ramsay, I.A.** see Eynon, J.U. 8-59047, 8-79038
- Ramsay, M.M.** The use of optical fibre waveguides in communications systems 8-50929
- Ramsay, W.D., McKee, J.S.C.** A comment on the contribution of transition radiation to the X-ray background from proton induced X-ray emission experiments 8-58618
- Ramsay, W.D.** see Birchall, J. 8-50625
- Ramsdale, D.J.** Acoustic sidebands from cw sources towed at long ranges in the deep ocean 8-50985
- Ramsdell, J.V.** Wind shear fluctuations downwind of large surface roughness elements 8-92918
- Ramsden, A.H.** see Isard, J.O. 8-83742
- Ramsden, D., Bains, M.E.D., Fraser, D.C.** A case study of multiple low level exposure to plutonium oxide 8-80967
- Ramsden, D.** see Butler, R.C. 8-81540
- Ramseier, R.O.** see Brooks, R.L. 8-81233
- Ramseier, R.O.** see Campbell, W.J. 8-81173
- Ramseier, R.O.** see Gloersen, P. 8-81174
- Ramseier, R.O.** see Vant, M.R. 8-61430
- Ramsey, A.** see Gursky, H. 8-93459
- Ramsey, H.** Contrast between elastic and plastic buckling of axially compressed conical shells with edge constraint 8-63341
- Ramsey, J.W., Sparrow, E.M.** Melting and natural convection due to a vertical embedded heater 8-90646
- Ramsey, J.W.** see Sparrow, E.M. 8-71275
- Ramsey, N.F.** Dipole moments and spin rotations of the neutron 8-74296
- Ramsey, V.W., Peterson, A.M.** Acoustic scattering from locally homogeneous turbulence 8-87177
- Ramseyer, J.B.** see Campbell, W.J. 8-81173
- Ramshaw, J.D.** Existence of the dielectric constant in fluids of nonlinear rigid polar molecules 8-72451
- Ramshaw, J.D.** see Hirt, C.W. 8-75115
- Ramskov, J.J., Hansen, J.J., Nicolaisen, E.** Propagation in graded-index fibers: comparison between experiment and three theories 8-90496
- Rana, S.B.** Poisoning with fission products in operation of the KS-150 reactor 8-54850
- Rana, S.B.** An automated in-core measurement in Loviisa nuclear power station 8-86637
- Ranachowski, J., Stepniowski, M., Wlosinski, W.** Interfacial phases in a metal-to-aluminium oxide ceramic seal 8-72011
- Ranade, J.D.** see Vaidya, S. 8-64396
- Rananjai Singh** see Prakash, S. 8-79776
- Ranby, B., Rabek, J.F.** ESR spectroscopy in polymer research 8-91958
- Ranc, G.** see Vautier, C. 8-80471
- Rancitelli, L.** see Finkel, R.C. 8-57512
- Rancoita, G.-M.** A discontinuous surface in an electromagnetic field 8-50676
- Rancoita, P.G.** see Pernegri, J. 8-50047
- Rand, D.** The topological classification of Lorenz attractors 8-77720
- Rand, D.A.** see Holmes, P.J. 8-77681
- Rand, D.A.J.** see Michell, D. 8-61018
- Rand, M.J.** see Lanford, W.A. 8-63949
- Rand, R.A.** see Lee, D. 8-72864
- Rand, R.E.** see Beron, B.L. 8-66064
- Rand, R.H.** A theoretical analysis of CO_2 absorption in sun versus shade leaves 8-80850
- Rand McNally, J., Jr.** Fusion-fission analogy and Tnr criterion for fusion plasmas 8-74469
- Randa, J., Donnachie, A.** Radiative and other two-body decays of the $\text{Y}(9,4)$ 8-78175
- Randa, J.** see Barker, I.S. 8-54647
- Randall, C.** see Barnes, C. 8-51312
- Randall, D.** see Jennings, W.B. 8-62832
- Randall, E.N., Dobson, P.J.** Designing fiberoptic cable 8-66916
- Randall, E.W.** see Hawkes, G.E. 8-86897
- Randall, J.D.** Embedding multidimensional ablation problems in inverse heat conduction problems using finite differences 8-94508
- Randall, K.R.** see Abdel-Khalik, S.I. 8-90634
- Randall, M.G., Horn, B.** A systems approach to acceptance testing of diagnostic X-ray equipment 8-69203
- Randall, M.G.** see Brown, W.J. 8-69247
- Randall, N.J.** see Ellis, B.W. 8-77130
- Randall, S.C.** see Tomlinson, W.J. 8-95847
- Rander, J.** see Hansl, T. 8-74244, 8-89698, 8-89860
- Rander, J.** see Holder, M. 8-55103
- Rander, J.** see Lockman, W. 8-82254
- Rander, K.** Numerical investigation of the dispersion theory of the Kondo effect in low magnetic field 8-84387
- Randers-Pehrson, G.** see Jolly, R.K. 8-56941
- Randhawa, H.S., Malhotra, L.K., Chopra, K.L.** EPR studies on amorphous Ge-Al and Ge-Cu films 8-80212
- Randhawa, J.S., Loveland, R.B., Uthe, E.E., Murray, E.R.** Lidar observations of smoke and dust clouds at 0.7 and 10.6 μm wavelengths 8-69459
- Randhawa, J.S.** see Weeks, L.H. 8-57247
- Randic, M.** On comparability of structures 8-57754
- Randic, M.** Use of atom codes for the classification of chemical shifts of benzenoid hydrocarbons 8-94205
- Randich, E., Eckelmeyer, K.H.** Habit planes of platelike schreibersite in hexahedrites 8-65572
- Randich, E., Goldstein, J.I.** Cooling rates of seven hexahedrites 8-57511
- Randin, J.-P.** Chemical and electrochemical stability of WO_3 electrochromic films in liquid electrolytes 8-73054
- Randolph, W.L.** see Moorhouse, T.J. 8-93965
- Random, B.D., Innes, K.K.** Two 0-0 bands in the 3700-A ($\pi^* \leftarrow n$) absorption of pyridazine? 8-55184
- Randoshkin, V.V.** see Ivanov, L.P. 8-76283
- Randoshkin, V.V.** see Kleparskii, V.G. 8-72383
- Randoshkin, V.V.** see Telesnin, R.V. 8-64247
- Randrup, J.** Nuclear one-body proximity friction 8-70454
- Randrup, J.** Proton spectra in high-energy nuclear collisions 8-70557
- Randrup, J.** Nuclear one-body dissipation 8-86494
- Randrup, J., Vaagen, J.S.** On the proximity treatment of the interaction between deformed nuclei 8-78338
- Randrup, J.** see Blocki, J. 8-86501
- Randrup, J.** see Garpman, S. 8-86125
- Rane, K.S.** see Chakrabarty, D.K. 8-60122
- Ranfagni, A.** see Viliani, G. 8-56460
- Ranft, G.** see Ranft, J. 8-82148
- Ranft, J., Ranft, G.** QCD predictions for large- p_t hadron production by polarised hadrons 8-82148
- Rang Le Quang** see Le Quang Rang
- Ranga Prasad, T., Vendudhar, Y.C., Iyengar, L., Krishna Rao, K.V.** Phase transition in potassium lithium sulphate 8-79767
- Rangacharyulu, C.** see Ramavartaram, K. 8-66257
- Rangacharyulu, M., Premaswarup, D.** Temperature variation of NQR frequencies in substituted amino toluenes 8-70850
- Ranganath, C., Gowda, R., Sanjeevaiah, B.** A coincidence method of measuring K-shell photoelectric cross sections 8-86754
- Rangarajan, G.K.** see Rao, D.R.K. 8-61322
- Rangarajan, R., Matsuura, T., Goodhue, E.C., Sourirajan, S.** Predictability of reverse osmosis performance of porous cellulose acetate membranes for mixed uni-univalent electrolytes in aqueous solutions 8-53250
- Rangarajan, R., Matsuura, T., Goodhue, E.C., Sourirajan, S.** Free energy parameters for reverse osmosis separations of some inorganic ions and ion pairs in aqueous solutions. II 8-53251
- Rangarajan, S.K., Sebastian, K.L.** A matrix identity and perturbation expressions 8-82607
- Ranger, K.B.** The circular disk straddling the interface of a two-phase flow 8-90971
- Ranghiasi, C.** see Efendiev, Sh.M. 8-72552
- Rani Pant Uma** see Uma Rani Pant
- Rani Ratna** see Ratna Rani
- Ranier, G.** see Giordano, M. 8-78733
- Ranieri, M.** see Auriemma, G. 8-96564
- Ranjan Datta** see Manoj Kumar Datta 8-74566

- Ranjan Roy, T.** Comparative study of two-dimensional and axis-symmetric jet flows of power law liquid 8-79351
- Ranjard, F.** *see* Hansl, T. 8-74244, 8-89698, 8-89860
- Rank, D.M.,** Dinerstein, H.L., Lester, D.F., Bregman, J.D., Aitken, D.K., Jones, B. Observations of infrared emission lines in the southern compact H II regions G333.6-0.2 and G298.2-0.3 8-96522
- Ranke, W.,** Drathen, P., Jacobi, K. Composition and structure of differently prepared GaAs (100) surfaces studied by LEED and AES 8-91524
- Ranke, W.** *see* Gaebler, W. 8-76168
- Ranke, W.** *see* Jacobi, K. 8-94443
- Rankin, G.W.,** Sridhar, K. Developing region of laminar jets with uniform exit velocity profiles 8-79354
- Rankin, J.** *see* Cordes, J.M. 8-93291
- Rankin, S.L.** *see* Clark, K.W. 8-81016
- Rannev, N.V.** *see* Bush, A.A. 8-71716
- Ransom, P.L.** *see* Gardner, C.S. 8-90377
- Ranson, P.** *see* Peretti, P. 8-60436
- Rant, J.,** Ilic, R. Neutron radiography in metallurgy 8-60892
- Ranta, A.** *see* Ranta, H. 8-85763
- Ranta, H.** The onset of an auroral absorption substorm 8-96362
- Ranta, H.,** Ranta, A. Riometer measurements of ionospheric radio wave absorption 8-85763
- Rantsevich, V.B.** Thermal detection of cracks in fatigue testing of parts 8-92423
- Rantzepp, P.M.** *see* Struve, W.S. 8-58737
- Rao, A.H.Rama** *see* Rama Rao, A.H.
- Rao, A.Ramachandra** *see* Ramachandra Rao, A.
- Rao, A.Ramana** *see* Ramana Rao, A.
- Rao, A.T.,** Babu, V.R.R.M. Allantite in charnockites from Air Port Hill, Visakhapatnam, Andhra Pradesh, India 8-65285
- Rao, A.Venkateswara** *see* Venkateswara Rao, A.
- Rao, A.V.Gopala** *see* Gopala Rao, A.V.
- Rao, B.Jaganmohan** *see* Jaganmohan Rao, B.
- Rao, B.K.** *see* Tripathy, D.N. 8-55235
- Rao, B.Nageswara** *see* Nageswara Rao, B.
- Rao, B.N.Subba** *see* Subba Rao, B.N.
- Rao, B.Ramachandra** *see* Ramachandra Rao, B.
- Rao, B.R.P.** *see* Shukla, J.B. 8-69126
- Rao, B.S.R.,** Radhakrishna Murthy, I.V., Bhaskara Rao, D. Interpretation of magnetic anomalies with Fourier transforms, employing end corrections 8-65418
- Rao, B.V.Thirumala** *see* Thirumala Rao, B.V.
- Rao, C.N.R.,** Bandekar, J. Analogy between pressure effects and solvent effects on the i.r. spectra of molecules 8-74709
- Rao, C.N.R.** *see* Agarwal, U.P. 8-58729
- Rao, C.N.R.** *see* Vasudevan, S. 8-84144
- Rao, C.R.Mohan** *see* Mohan Rao, C.R.
- Rao, C.V.S.Kameswara** *see* Kameswara Rao, C.V.S.
- Rao, C.V.S.Ramachandra** *see* Ramachandra Rao, C.V.S.
- Rao, D.A.V.Krishna** *see* Krishna Rao, D.A.V.
- Rao, D.Bhaskara** *see* Bhaskara Rao, D.
- Rao, D.Bhogeswara** *see* Bhogeswara Rao, D.
- Rao, D.K.** Vibration damping of tapered unconstrained beams 8-51106
- Rao, D.N.Madhusudhana** *see* Madhusudhana Rao, D.N.
- Rao, D.R.** Bleaching characteristics of α and β bands of CaF_2 crystals colored by low energy electrons 8-76497
- Rao, D.R.** *see* Rao, R.P. 8-80426
- Rao, D.Ramachandra** *see* Ramachandra Rao, D.
- Rao, D.R.K.,** Rangarajan, G.K. The pole-tide signal in the geomagnetic field at a loq-latitude station 8-61322
- Rao, D.R.K.** *see* Thakur, N.K. 8-61326
- Rao, D.V.K.** *see* Rao, M.L.P. 8-90176
- Rao, E.Bhagiratha** *see* Bhagiratha Rao, E.
- Rao, E.V.K.,** Duhamel, N. Photoluminescence investigation of the band around 1.41 eV in heated n-GaAs samples 8-72579
- Rao, E.V.K.,** Duhamel, N., Favenec, P.N., L'Haridon, H. Investigation of compensation in implanted n-GaAs 8-75680
- Rao, G.N.,** Gunther, G. Remeasurements of the $7^+ \rightarrow 2^-$ E5 transition probability in ^{90}Y 8-66243
- Rao, G.N.** *see* Raman, T. 8-80260
- Rao, G.R.** *see* Azuelos, G. 8-50167, 8-55114
- Rao, G.R.** *see* Taras, P. 8-89928
- Rao, G.S.Prakash** *see* Prakash Rao, G.S.
- Rao, G.U.V.,** Fatouros, P. The relationship between resolution and speed of X-ray intensifying screens 8-65124
- Rao, G.Venkateswara** *see* Venkateswara Rao, G.
- Rao, H.S.** *see* Frogner, B. 8-70609
- Rao, H.Suresh** *see* Suresh Rao, H.
- Rao, I.Rama** *see* Rama Rao, I.
- Rao, I.V.,** Babu, S.V., Rao, Y.V.C., Subba Rao, V., Lahita, K. Vibrational energy transfer studies in CO_2 -hydrocarbon mixtures 8-58731
- Rao, J.L.** *see* Trappeniers, N.J. 8-60492
- Rao, J.R.** *see* Datta, D.K. 8-65822
- Rao, J.R.** *see* Fodar, I. 8-82332
- Rao, J.Rama** *see* Rama Rao, J.
- Rao, K.Kishan** *see* Kishan Rao, K.
- Rao, K.N.** *see* Valentin, A. 8-58651
- Rao, K.Narahari** *see* Narahari Rao, K.
- Rao, K.N.Srinivasa** *see* Srinivasa Rao, K.N.
- Rao, K.N.Swamy** *see* Swamy Rao, K.N.
- Rao, K.P.** A rectangular laminated anisotropic shallow thin shell finite element 8-90705
- Rao, K.P.** *see* Jayaraman, J. 8-79204
- Rao, K.Prabhakar** *see* Prabhakar Rao, K.
- Rao, K.R.,** Chaplot, S.L., Iyengar, P.K., Venkatesh, A.H., Vijayaraghavan, P.R. Lattice dynamics of potassium nitrate II 8-59897
- Rao, K.R.Mohana** *see* Mohana Rao, K.R.
- Rao, K.R.P.,** Dash, P.C., Mishra, K.C., Mohanty, B.S. Calculation of exact force field in diatomic fluorides from atomic force constants 8-62739
- Rao, K.S.,** Nee, V.W., Yang, K.T. Mass diffusion from a point source in a neutral turbulent shear layer 8-92968
- Rao, K.Sambasiva** *see* Sambasiva Rao, K.
- Rao, K.Srinivasa** *see* Srinivasa Rao, K.
- Rao, K.Suryanarayana** *see* Suryanarayana Rao, K.
- Rao, K.S.M.** *see* Kaulgud, M.V. 8-67770
- Rao, K.V.** *see* Eroglu, A. 8-64035
- Rao, K.V.** *see* Gudmundsson, H. 8-68260
- Rao, K.V.** *see* Malmhall, R. 8-56125, 8-68019
- Rao, K.V.** *see* Patel, A.R. 8-63955
- Rao, K.V.** *see* Rapp, O. 8-68005
- Rao, K.Veerabhadra** *see* Veerabhadra Rao, K.
- Rao, K.V.C.** *see* Mathew, M. 8-73991
- Rao, K.V.Krishna** *see* Krishna Rao, K.V.
- Rao, K.V.S.** *see* Hyde, J.S. 8-80193
- Rao, L.D.V.,** Burke, W.J., Kanal, M., Sagalyn, R.C. Injun 5 low-energy plasma observations during a major magnetic storm 8-88987
- Rao, L.Madhav** *see* Madhav Rao, L.
- Rao, M.,** Berne, B.J., Kalos, M.H. Computer simulation of the nucleation and thermodynamics of microclusters 8-51656
- Rao, M.** *see* Pangali, C. 8-63649
- Rao, M.K.,** Jawalekar, S.R. Improved thin film Al_2O_3 capacitors 8-76382
- Rao, M.L.P.,** Rao, D.V.K., Rao, P.T. The electronic band spectrum of CaI in the red region 8-90176
- Rao, M.N.** *see* Schapira, J.P. 8-70505
- Rao, M.N.Bapu** *see* Bapu Rao, M.N.
- Rao, M.Poornachandra** *see* Poornachandra Rao, M.
- Rao, M.Raja** *see* Raja Rao, M.
- Rao, M.Srirama** *see* Srirama Rao, M.
- Rao, M.S.V.,** Theon, J.S. New features of global climatology revealed by satellite-derived oceanic rainfall maps 8-55379
- Rao, M.Venkateshwara** *see* Venkateshwara Rao, M.
- Rao, M.V.S.** *see* Durgaprasad, N. 8-69635
- Rao, N.** *see* Viswanathiah, M.N. 8-91283
- Rao, N.Kameswara** *see* Kameswara Rao, N.
- Rao, N.Nagesha** *see* Nagesha Rao, N.
- Rao, N.Prabhakara** *see* Prabhakara Rao, N.
- Rao, N.Rajeswara** *see* Rajeswara Rao, N.
- Rao, N.S.Lakshman** *see* Lakshman Rao, N.S.
- Rao, N.V.N.Durga Prasada** *see* Durga Prasada Rao, N.V.N.
- Rao, N.V.S.** *see* Kishore, P.R. 8-75542
- Rao, P.** *see* Shilling, J.W. 8-56343
- Rao, P.Bhaskara** *see* Bhaskara Rao, P.
- Rao, P.K.Mohan** *see* Mohan Rao, P.K.
- Rao, P.Rajagopala** *see* Rajagopala Rao, P.
- Rao, P.Rama** *see* Rama Rao, P.
- Rao, P.S.** *see* Sahoo, H.K. 8-70657
- Rao, P.S.V.K.,** Sarma, P.K. Film boiling heat transfer method of partial evaporation of extended liquid masses 8-90668
- Rao, P.T.** *see* Rao, M.L.P. 8-90176
- Rao, P.V.S.Rama** *see* Rama Rao, P.V.S.
- Rao, R.G.S.,** Ulaby, F.T. Optimal spatial sampling techniques for ground truth data in microwave remote sensing of soil moisture 8-65439
- Rao, R.P.,** Rao, D.R., Banerjee, H.D. Studies on the TL and decay of BaS:Cu phosphors 8-80426
- Rao, R.Ramji** *see* Ramji Rao, R.
- Rao, R.V.Gopala** *see* Gopala Rao, R.V.
- Rao, S.Ananda** *see* Ananda Rao, S.
- Rao, S.C.Subba** *see* Subba Rao, S.C.
- Rao, S.M.,** Supe, S.J. Hazards to the eye lens and gonads from hard beta rays 8-65131
- Rao, S.M.Varaprasada** *see* Varaprasada Rao, S.M.
- Rao, S.P.Mallikarjun** *see* Mallikarjun Rao, S.P.
- Rao, S.S.** *see* Gupta, R.S. 8-59327
- Rao, T.Bhaskar** *see* Bhaskar Rao, T.
- Rao, T.V.,** Chopra, K.L. Structural and optical properties of Cu- and Fe-doped PVC films 8-51837
- Rao, T.V.Ramakrishna** *see* Ramakrishna Rao, T.V.
- Rao, U.S.,** Kumar, A., Misra, S.C., Nagarajan, P.S., Gupta, U.C. Anisotropic neutron emission from laboratory sources 8-90009
- Rao, U.V.Gopala** *see* Gopala Rao, U.V.
- Rao, U.V.Subba** *see* Subba Rao, U.V.
- Rao, V.Bhaskara** *see* Bhaskara Rao, V.
- Rao, V.Kuppu** *see* Kuppu Rao, V.
- Rao, V.Sitakara** *see* Sitakara Rao, V.
- Rao, V.Subba** *see* Subba Rao, V.
- Rao, V.U.S.,** Gualtieri, D.M., Krishnamurthy, S., Patkin, A., Duffer, P. Superconductivity of the hydrides and deuterides of $\text{HfO}_{0.5}\text{Zr}_{0.5}\text{V}_2$ 8-80083
- Rao, V.U.S.** *see* Martis, R.J.J. 8-68177
- Rao, V.U.S.** *see* Pop, I. 8-95527
- Rao, V.Venkateswara** *see* Venkateswara Rao, V.
- Rao, V.V.K.Rama** *see* Rama Rao, V.V.K.
- Rao, Y.V.** *see* Young, P.S. 8-54756
- Rao, Y.V.C.** *see* Rao, I.V. 8-58731
- Rao Kaza, B.** *see* Bhushan, S. 8-55580
- Rao Sanampudi, K.,** Risbud, S.H. Apparatus for phase transformation of glassy materials in steep thermal gradients 8-84767
- Rao Vemula, N.** *see* Monsen, R.B. 8-92650
- Raoux, D.** *see* Fontaine, A. 8-79520
- Raoux, D.** *see* Lemonnier, M. 8-62272
- Rapaport, D.C.** Molecular dynamics simulation of polymer chains with excluded volume 8-78845
- Rapaport, J.** *see* Goodman, C.D. 8-55085
- Rapaport, J.** *see* Madey, R. 8-58542
- Rapeanu, S.** *see* Padureanu, I. 8-67638, 8-67639
- Rapidis, P.** *see* Heile, F.B. 8-74238
- Rapidis, P.** *see* Tanenbaum, W. 8-66113
- Rapidis, P.A.** *see* Feller, J.M. 8-66136
- Rapidis, P.A.** *see* Jaros, J.A. 8-50042
- Rapidis, P.A.** *see* Peruzzi, I. 8-74252
- Rapidis, P.A.** *see* Scharre, D.L. 8-89723
- Rapidis, P.A.** *see* Vuillemin, V. 8-93876
- Rapin, D.** *see* Besset, D. 8-62422
- Rapolla, A.** *see* Corrado, G. 8-65175
- Rapaport, D.A.** *see* Potapov, A.I. 8-72971
- Rapaport, E.,** Clark, J.B., Richter, P.W. High-pressure phase relations of RbH_2PO_4 , CsH_2PO_4 , and KD_2PO_4 8-52457
- Rapaport, E.** *see* Richter, P.W. 8-92238
- Rapaport, I.D.** *see* Basina, Yu.V. 8-93063
- Rapaport, L.P.** *see* Fainshtein, A.G. 8-78981, 8-78982
- Rapaport, L.P.** *see* Manakov, N.L. 8-54596
- Rapaport, V.L.** *see* Belyakova, V.M. 8-84636
- Rapaport, V.O.** *see* Abranin, E. 8-65597
- Rapaport, V.O.** *see* Grach, S.M. 8-77419
- Rapos, M.,** Ruzinsky, M. Electric strength of thin dielectric films in MIS structure 8-56231
- Rapos, M.,** Ruzinsky, M., Tino, I., Ruzinska, D. Electric strength of thin dielectric films of SiO_2 in structures of MOS at a unidirectional and an alternating voltage and at a simultaneous action of unidirectional and alternating voltage 8-88034
- Rapp, C.F.,** Vergano, P.J. Development of low nonlinear refractive index fluorophosphate laser glasses 8-50870
- Rapp, D.,** Hoffman, A.A.J. On the relation between insolation and climatological variables. III. The relation between normal incidence solar intensity, total insolation, and weather at Fort Hood, Texas 8-57240
- Rapp, D.,** Hoffman, A.A.J. On the relation between insolation and climatological variables. IV. Construction of a model year of solar intensity and climate 8-57241
- Rapp, D.,** Hoffman, A.A.J. On the relation between insolation and climatological variables. V. Estimation of availability of solar energy 8-81344
- Rapp, D.,** Oxley, D. On the relation between global insolation on horizontal and tilted surfaces 8-81275
- Rapp, F.** *see* Christensen, R.C. 8-77089
- Rapp, O.,** Grindborg, J.E., Rao, K.V. Saturation of low temperature electrical resistance in the amorphous $(\text{Fe}_{1-x}\text{Ni}_x)_{75}\text{P}_{16}\text{B}_6\text{Al}_3$ alloy system 8-68005
- Rapp, P.E.** *see* Mees, A.I. 8-85285
- Rapp, R.A.** *see* Wei-Chou Fang 8-71878
- Rapp, R.H.** Determination of potential coefficients to degree 52 from 5° mean gravity anomalies 8-69273
- Rappaport, M.** *see* Polturak, E. 8-54363
- Rappaport, S.,** Clark, G.W., Cominsky, L., Joss, P.C., Li, F. Orbital elements of 4U 0115+63 and the nature of the hard X-ray transients 8-93470
- Rappaport, S.** *see* Cominsky, L. 8-61939
- Rappaport, S.** *see* Hertz, P. 8-93463
- Rappe, G.H.** Constructing the vacuum vessel for JET (Joint European Torus) 8-55024
- Rapps, P.,** Katerbau, K.-H., Mughrabi, H., Urban, K., Wilkens, M. Electron diffraction in crystalline specimens containing a high density of lattice defects. II. Numerical evaluation for the case of narrow dislocation dipoles—comparison with experimental data 8-71645
- Raptis, A.,** Allison, A.C. Exponential-fitting methods for the numerical solution of the Schrodinger equation 8-49694
- Rarenko, I.M.** *see* Tal'yanskii, E.B. 8-60144

- Rasch, K.-D.**, Schultz, H., Siegel, R.W. Electrical resistivity-temperature scale and vacancy parameters of tungsten 8-71727
- Rasch, R.A.** The perception of simultaneous notes such as in polyphonic music 8-61191
- Rascher, R.** see Hellmeister, H.P. 8-74387, 8-78311
- Raschke, E.** Radiation and environmental physics refresher 8-69458
- Raseev, G.**, Giusti-Suzor, A., Lefebvre-Brion, H. Continuum electronic wavefunctions in the static-exchange approximation for resonant processes in diatomic molecules. I. Widths for electron capture in the CH^+ closed-shell molecular ion 8-78805
- Raseev, G.** see Le Rozou, H. 8-82603
- Rasenzweig, P.** see Claria, J.J. 8-53994
- Rasera, R.L.**, Dunlap, B.D., Shenoy, G.K. Anomalous temperature dependence of the electric-field gradient at ^{181}Ta impurities in holmium: influence of host 4f crystalline-field levels 8-95272
- Rasera, R.L.**, Reno, R.C., Schmidt, G., Butz, T., Vasquez, A., Ernst, H., Shenoy, G.K., Dunlap, B.D. Strength, symmetry and distribution of electric quadrupole interactions at ^{181}Ta impurities in hafnium-zirconium alloys 8-76364
- Rasera, R.L.** see Reno, R.C. 8-91996
- Rasetti, M.**, Regge, T. Helium droplets as analogs of heavy nuclei 8-59992
- Rasetti, M.** see Buzano, C. 8-57734
- Rasetti, M.** see De Alfaro, V. 8-77822
- Rashba, E.I.** see Iordanskii, S.V. 8-60192
- Rashchepkin, A.P.** Interaction of an axisymmetric plasma stream with an inhomogeneous magnetic field 8-67331
- Rashchupkin, V.I.** see Aptekar', I.L. 8-71791
- Rashchupkin, V.I.** see Degtyareva, V.F. 8-88064
- Rashid, M.A.** The intelligent states. I. Group-theoretic study and the computation of matrix elements 8-62100
- Rashid, M.A.** The intelligent states. II. The computation of the Clebsch-Gordan coefficients 8-62101
- Rashid, M.S.** see Kayser, F.X. 8-68871
- Rashkov, S.** see Mirkova, L. 8-79864
- Rashkovich, L.H.**, Meteva, K.B., Shevchik, Ya.E., Hoffman, V.G., Mishchenko, A.V. Growing single crystals of cesium dihydrogen phosphate and some of their properties 8-71693
- Rashkovski, S.L.** see Braude, S.Ya. 8-57471
- Rashleigh, S.C.**, Ulrich, R. Polarization mode dispersion in single-mode fibers 8-79128
- Raskin, A.A.** see Oleinik, B.N. 8-93687
- Raskin, M.M.**, Cunningham, J.B. Evaluation of ultrasound and computed tomography in the abdomen and pelvis 8-61228
- Rasko, J.** see Karge, H.G. 8-60029
- Rasmussen, F.B.** see Halperin, W.P. 8-75904
- Rasmussen, G.** Measurement microphones 8-83190
- Rasmussen, H.** An approximate solution for two-dimensional estuaries 8-81187
- Rasmussen, J.** see Juul, Rasmussen, J.
- Rasmussen, J.O.** see Peker, L.K. 8-78249
- Rasmussen, L.** Studies on galactic particle radiation 8-69631
- Rasmussen, M.L.** Evolution of weak waves in inert binary mixtures 8-90924
- Rasmussen, P.**, Lakowski, R. A colorimetric assessment of the Holmgren wool test 8-53409
- Rasmussen, R.A.**, Pierotti, D. Global and regional N_2O measurements 8-73471
- Rasmussen, R.A.**, Pierotti, D. Interlaboratory calibration of atmospheric nitrous oxide measurements 8-81277
- Rasmussen, R.A.** see Pierotti, D. 8-81318
- Rasmussen, V.P.** see Heilman, J.L. 8-65351
- Rasneur, J.**, Cauchemont, C. Determination of electrical properties and nonstoichiometry of Y_2S_3 at high temperature as a function of sulfur pressure 8-84264
- Rasneur, J.**, Cauchemont, C., Marion, F. Equilibria non-stoichiometries and electrical properties of zirconium sulfides and hafnium sulfides as functions of temperature and sulfur pressure 8-64053
- Rasolaoison, Y.** see Le Si Dang 8-72405
- Rasolt, M.** see Kahn, L.M. 8-83810
- Rasor, N.S.** see Britt, E.L. 8-90421
- Raspet, R.**, Baird, G.E. Monte Carlo analysis of highly compressed fissile assemblies. I. Bare spheres 8-62583
- Raspopin, A.S.**, Zykov, P.G., Suetin, P.E. Measurement of the mutual diffusion coefficient in dense gases by the spin-echo method 8-67303
- Raspopin, S.P.** see Desyatnik, V.N. 8-67764
- Rassadovskii, V.A.** see Naumov, A.P. 8-81403
- Rassamakin, B.M.** see Semena, M.G. 8-79187
- Rasser, B.** see Remy, M. 8-67900
- Rasskazov, A.O.** Stability of multilayer orthotropic films 8-63281
- Rassokhin, N.G.** see Margulova, T.Kh. 8-50280
- Rassow, J.** see Harder, D. 8-86235
- Rast, J.**, Kneubuhl, F.K., Muller, E.A. Measurement of the solar brightness temperature near its minimum with a balloon-borne lamellar-grating interferometer 8-85921
- Rastall, P.** An improved gravitational formalism 8-89385
- Rastogi, A.**, Pai, K.F., Parker, T.J., Lowndes, R.P. Experimental determination of the frequency dependence of mode anharmonic self-energies in RbBr and KTAO_3 8-59908
- Rastogi, A.C.**, Salkalachen, S., Bhide, V.G. Electrical conduction and phase transitions in vacuum-deposited Cu_{2-x}S films 8-84332
- Rastogi, A.C.** see Jatar, S. 8-60162
- Rastogi, A.K.**, Rodi, W. Calculation of general three-dimensional turbulent boundary layers 8-51154
- Rastogi, R.C.** see Bhargava, S. 8-82614
- Rastogi, R.G.**, Deshpande, M.R., Vadher, N.M., Davies, K., Parikh, P.B. Simultaneous observations of equatorial ionospheric scintillation on four frequencies 8-57393
- Rastogi, R.G.**, Vyas, G.D. Solar cycle effects in equatorial spread F 8-61647
- Rastogi, R.G.**, Woodman, R.F. VHF radio wave scattering due to range and frequency types of equatorial spread-F 8-61661
- Rastogi, R.G.**, Woodman, R.F. Spread-F in equatorial ionograms associated with reversal of horizontal F-region electric field 8-69560
- Rastogi, R.G.**, Woodman, R.F., Hedgecock, P.C. Correlated changes in the equatorial electrojet and in the interplanetary magnetic field during a geomagnetic storm 8-85766
- Rastogi, R.G.** see Klobuchar, J.A. 8-69587
- Rastogi, R.P.**, Dube, B.L., Lakshmi, Das, I. Solid state chemistry of thallous molybdate 8-63731
- Rastorguev, V.A.** see Bobykin, B.V. 8-71022
- Rastorguev, Yu.L.**, Ganiev, Yu.A., Safronov, G.A. Some problems of measurement of thermal conductivity by the method of coaxial cylinders 8-77903
- Rastorguev, Yu.L.**, Ganiev, Yu.A., Safronov, G.A. Some problems in measuring thermal conductivity using the coaxial cylinders method. II 8-81965
- Rastorguev, Yu.L.**, Grigor'ev, B.A., Ishkhanov, A.M. An experimental investigation of the thermal conductivity of sulphur hexafluoride at high pressures 8-67305
- Rastorguev, Yu.L.** see Grigor'ev, V.A. 8-94884
- Rasulov, D.T.** see Mirzagatov, Sh.A. 8-80042
- Rasulov, E.N.** see Mazitov, B.S. 8-78340
- Rasulov, K.** see Mirzaeva, M. 8-89536
- Rasulova, N.B.** The wedge stroke blow along the membrane situated at the surface of incompressible liquid 8-55561
- Ratajack, M.T.**, Kannewurf, C.R., Revelli, J.F., Wagner, J.B. Infrared reflectance spectra and dispersion studies of iron-intercalated zirconium diselenide 8-88300
- Ratajczak, H.** Galvanomagnetic rotation characteristics of thin permalloy films at uniaxial stress 8-84466
- Ratajczak, H.**, Baran, J. Infrared and Raman polarized spectra of monoclinic KD_2PO_4 crystal 8-56489
- Ratajczak, H.** see Kirov, N. 8-64355
- Ratajczak, H.** see Simova, P. 8-75545
- Ratajczyk, E.**, Jedrzejewski, A., Goscinski, J. Measuring instruments indication errors reduction possibilities 8-49818
- Ratanakesdatan, P.** see Baker, F.B. 8-81757
- Ratas, A.A.** see Lushchik, Ch.B. 8-72574
- Ratas, A.A.** see Lushchik, Ch.V. 8-72575
- Ratcliff, B.N.** see Berglund, A. 8-66160
- Ratcliffe, R.A.S.** Meteorological aspects of the 1975-76 drought 8-88889
- Ratcliffe, R.A.S.**, Weller, J., Collison, P. Variability in the frequency of unusual weather over approximately the last century 8-73479
- Ratel, G.** see Nguyen Van Sen 8-50210
- Rath, B.B.** see Lederich, R.J. 8-64593
- Rath, H.J.**, Teipel, I. The pumping effect in valveless elastic tubes 8-59493
- Rath, J.**, Wolfram, T. A model for electron-molecule interaction in IETS 8-90257
- Rath, J.** see Freeman, A.J. 8-63834
- Rathlev, J.** Two-phase A/D converter processes small analog signals 8-61572
- Rathlev, J.** The microprocessor in the acquisition of measurement data 8-85701
- Rathmann, C.E.** see Denavit, J. 8-91095
- Rathmann, P.** see Donahue, D.J. 8-90120
- Rathor, B.S.** Quasi-static electromagnetic fields of a horizontal electrical dipole on the surface of a polarizable half-space 8-69283
- Rathor, B.S.** Transient electromagnetic field of a polarizable half-space due to various current pulses 8-96130
- Rathore, R.P.S.** Study of dispersion relations based on a five parameter model 8-75748
- Rathore, R.P.S.** Electron pressure and lattice vibration in gold 8-75749
- Rathore, R.P.S.** Modified Krebs model and its application to FCC cobalt 8-79682
- Rathore, R.P.S.** Central pair potential versus axially symmetric potential 8-87747
- Rathore, R.P.S.** Phonon dispersion in transition metals using a non-central force model 8-91392
- Ratishvili, I.G.** Stepped ordering in binary solid solutions 8-67807
- Ratkiewicz, R.** Nonstationary interaction between solar wind and interstellar matter 8-61696
- Ratkowski, A.J.** see Gaillard, M.J. 8-74752
- Ratliff, F.**, Sirovich, L. Equivalence classes of visual stimuli 8-69064
- Ratna, B.R.**, Shashidhar, R. Dielectric properties of some nematics of positive dielectric anisotropy 8-60376
- Ratna Raju, R.D.** see Kota, V.K.B. 8-74325
- Ratna Rani** see Amar Nath Nigam 8-91674
- Ratnalingam, R.** see Chuah, D.G.S. 8-51966
- Ratnam, B.A.** see Dharmadurai, G. 8-76194, 8-76196
- Ratnam, D.V.** see Narasimhan, K.S.V.L. 8-68178
- Ratnam, S.** see Raja Ratnam, S.
- Ratnam, V.V.** see Gartia, R.K. 8-75664
- Ratner, L.G.** see Courant, E.D. 8-58519
- Ratner, M.A.**, Madhukar, A. On the role of nuclear motions in electron and excitation transfer rates: importance of transfer-integral dependence upon nuclear coordinate 8-60057
- Ratner, M.A.** see Hoffman, B.M. 8-58599
- Ratner, M.A.** see Presser, N. 8-72573
- Ratner, M.A.** see Zunger, A. 8-62702
- Ratner, S.B.** see Bunina, L.O. 8-88511
- Ratnikov, D.G.** see Avdonin, N.A. 8-52657
- Rats, Yu.V.**, Pushin, V.G., Romanova, R.R., Baranovskii, A.N., Buinov, N.N., Trapeznikov, V.A. Investigation of an ageing aluminium-silver alloy by X-ray electron spectroscopy and electron diffraction microscopy methods 8-60685
- Rattan, I.**, Srivastava, N.C. Magnetoelastic interaction energy of a cubic ferromagnet in an arbitrary coordinate system 8-52335
- Ratti, S.** see Forino, A. 8-78220
- Rattunde, R.** see Krochmann, J. 8-54433
- Ratwani, M.M.** A parametric study of fatigue crack growth behaviour in adhesively bonded metallic structures 8-92347
- Ratwani, M.M.**, Wilhelm, D.P. Application of resistance curves to residual strength prediction 8-90795
- Ratwani, M.M.** see Wilhelm, D.P. 8-92353
- Ratynski, W.** see Parus, J.L. 8-92575
- Ratynski, W.** see Vennink, R. 8-62533
- Rau, A.R.P.** Atomic spectral lines when a quark is embedded in the nucleus 8-62965
- Rau, A.R.P.** see Callaway, J. 8-50528
- Rau, C.** see Eichner, S. 8-95645
- Rau, E.I.** see Kan, A.Z. 8-93775
- Rau, E.I.** see Spivak, G.V. 8-74110
- Rau, G.** see Jentsch, U. 8-61218
- Rau, H.** Nonstoichiometry of ZnSe and CdSe 8-87664
- Rau, H.** see Kindler, W. 8-79402
- Rauch, G.C.** see Leslie, W.C. 8-52814
- Rauch, H.**, Seidl, E., Zeilinger, A., Bauspiess, W., Bonse, U. Hydrogen detection in metals by neutron interferometry 8-67735
- Rauch, H.**, Zeilinger, A. Hydrogen transport studies using neutron radiography 8-59961
- Rauch, H.E.**, Jacobs, H., Marz, J.L. Buckling of a complete spherical shell under uniform external pressure 8-83274
- Rauch, J.** Local decay of scattering solutions to Schrodinger's equation 8-77744
- Rauch, J.C.**, Greve, K.J., Maix, R.K. The ASDEX fusion experiment 8-54877
- Rauch, P.L.**, Block, R.W. Performance evaluation of the falling load technique [radiography] 8-69201
- Rauch, V.** see Ho, H. 8-54786
- Rauf, C.** see Silberstein, E.B. 8-65112
- Rauf, S.A.** see Sinha, S.B. 8-90764
- Rauh, A.**, Salinas, S.R., Menezes, L.C. Analytical wave functions for crystalline electrons in a magnetic field 8-51918
- Rauh, E.G.** see Ackermann, R.J. 8-76638
- Rauh, H.**, Kern, D. Theoretical investigation of an electron gun with a point cathode 8-82901
- Rauh, H.**, Simon, D. On the diffusion process of point defects in the stress field of edge dislocations 8-51720
- Rauh, H.** see Campo, A. 8-64132
- Rauh, H.** see Kummel, R. 8-68035
- Raukhvarger, A.E.**, Tiliks, Yu.E., Dzelme, Yu.P., Bugaenko, L.T. Determination of the oscillator strength of V_2 -center in irradiated KCl crystals 8-92095
- Raukhvarger, A.E.**, Tiliks, Yu.E., Dzelme, Yu.R., Bugayenko, L.T. Determination of the molar extinction coefficient and the oscillator strength of V_2 -center in irradiated KCl and NaCl crystals 8-80384
- Raun, J.** see Kubota, S. 8-72608
- Raunio, G.** see Nilsson, G.G. 8-51631
- Raupach, D.C.** see Jester, W.A. 8-85267

- Raupach, F.** *see* Berger, Ch. 8-62414, 8-78586, 8-89725
- Raupach, M.R.** Infrared fluctuation hygrometry in the atmospheric surface layer 8-77368
- Rausaria, R.R.** *see* Elwert, G. 8-77542
- Rausch, E.O.** *see* Thomas, E.W. 8-64417
- Rausch, H.** Investigation of silicon dioxide films by neutron activation analysis and autoradiography 8-92574
- Rauschenbach, B., Hinz, W.** Sputtering of flat glass surfaces with noble gas ions 8-64438
- Rautaharju, P.M.** *see* Horacek, B.M. 8-81033
- Rautenberg, M.** *see* Gerlach, E. 8-51984
- Rautenberg, M.** *see* Kuindersma, S.R. 8-80359
- Rautian, L.P.** *see* Averkiev, G.A. 8-88342
- Rautian, S.G., Smirnov, G.I.** Nonlinear resonances of accelerated atoms and molecules 8-50488
- Rautian, S.G.** *see* Nesterikhin, Yu.E. 8-77794
- Ravaglia, A.** *see* Negrini, P. 8-55882
- Ravaine, D.** *see* Leroy, D. 8-75868
- Ravanbakht Camran** *see* Camran Ravanbakht
- Ravanos, C.E.** *see* Nomicos, C.D. 8-82084
- Raveau, B.** *see* Choinsot, J. 8-51519
- Raveau, B.** *see* Desgardin, G. 8-79586
- Raveau, B.** *see* Labbe, Ph. 8-59786
- Raveau, B.** *see* Mercey, C. 8-91324
- Raveau, B.** *see* Michel, C. 8-51729, 8-83797
- Raveau, B.** *see* Studer, F. 8-83762, 8-95160
- Raveche, H.J., Kayser, R.F., Jr.** Towards a molecular theory of freezing: The equation of state and free energy from the first BBGKY equation 8-67804
- Raveche, H.J.** *see* Haus, J.W. 8-71658
- Raveche, H.J.** *see* Kayser, R.F., Jr. 8-79750
- Ravelet, S.** *see* Hess, J.M. 8-52088
- Raven, A., Will, O., Rumsby, P.T.** Megagauss magnetic field profiles in laser-produced plasmas 8-79471
- Ravenhall, D.G., Forney, L.J., Jazayeri, M.** Aerosol sizing with a slotted virtual impactor 8-57350
- Ravenhall, D.G.** *see* Forney, L.J. 8-63472
- Ravenhall, D.G.** *see* Latimer, J.W. 8-89812
- Ravenhill, D.J.** *see* Jolliffe, B.M. 8-63133
- Ravetti, R.** Effect of temperature on parabolic markings in poly(methyl methacrylate) 8-52969
- Ravey, M.** Some causes of errors in quantitative gas-liquid chromatography 8-92538
- Ravez, J.** *see* Peraudeau, G. 8-92036, 8-92037
- Raviart, A.** *see* Kurt, V.G. 8-77446
- Ravindra, M.K., Walser, A.** Probabilistic design of nuclear structures: a summary of state of the art and research needs 8-94055
- Ravindram, M., Minhas, B.S.** Effect of heat treatment on the texture of γ -alumina 8-72789
- Ravindran, A.** *see* Javel, E. 8-61194
- Ravipudi, S.R., Godbold, T.M.** The effect of mass transfer on heat transfer rates for two-phase flow in a vertical pipe 8-91003
- Ravishankar, P.S., Wilcox, W.R.** The stage II transient in off-eutectic solidification 8-60665
- Ravlik, A.G.** *see* Palatnik, G.S. 8-88153
- Ravn, H.L.** *see* Borchert, L.L. 8-70777
- Ravn, H.L.** *see* D'Auria, J.M. 8-70489
- Ravn, H.L.** *see* Elmroth, T. 8-86517
- Ravn, J.** *see* Kjaergaard, P. 8-57468
- Ravndal, F.** *see* Eeg, J.O. 8-70360
- Ravner, H.** *see* Bernett, M.K. 8-60856
- Rawal, B.S., MacCrone, R.K.** Electrical conductivity and structure of a barium borosilicate glass containing titanium ions 8-72148
- Rawal, B.S., MacCrone, R.K.** Optical absorption in an equimolar barium borosilicate glass containing titanium ions 8-72564
- Rawal, S.P., Gurland, J.** Observations on the effect of cementite particles on the fracture of spheroidized carbon steels 8-60785
- Rawer, K.** *see* Sheikh, N.M. 8-57394
- Rawitscher, G.W., Mukherjee, S.N.** Effect of breakup on the spin dependence of the deuteron-nucleus interaction 8-58289
- Rawlings, H.L.** Treering in solid dielectrics 8-80285
- Rawlings, K.C.** *see* Sambrook, J. 8-93680
- Rawlings, K.J., Gibson, M.J., Dobson, P.J.** The epitaxial growth of lead and thallium on (111) silver and copper 8-84090
- Rawlings, R.D.** *see* Ashby, J.A. 8-72896
- Rawlings, R.D.** *see* Nicholls, J.R. 8-88240
- Rawlinson, R.D.** *see* Dorey, A.P. 8-92748
- Rawson, E.G., Nafarrate, A.B.** Star couplers using fused biconically tapered multimode fibres 8-55443
- Rawson, H.** *see* Warner, D. 8-80313
- Rawson, R.** *see* Shemdin, O.H. 8-77248
- Ray, A., Bowman, H.F.** Digital simulation of a commercial scale high temperature gas-cooled reactor (HTGR) steam power plant 8-78437
- Ray, A.** *see* Kulkarni, G.V. 8-90086
- Ray, B.K., De, A.K., Bhattacharjee, S.** X-ray diffraction from disordered cylindrical lattices 8-79493
- Ray, B.K., Nigam, G.D., Bhattacharjee, S., Mathur, B.K.** Variation of nearest neighbour distance and elastic constants of partially ordered β -brass with temperature 8-51637
- Ray, D.** Exact solutions to non-linear chiral field equations 8-54527
- Ray, D.** Non-linear electron plasma waves 8-67337
- Ray, D.K.** Crystal field in rare-earth metals and intermetallic compounds 8-84177
- Ray, G.** *see* Lin, H.S. 8-69125
- Ray, G.** Deb *see* Deb Ray, G.
- Ray, I.L.F.** *see* Ronchi, C. 8-66348, 8-70596
- Ray, J.R.** *see* Davis, T.M. 8-54261
- Ray, K.D., Sutradhar, S.K.** Dynamics of the longitudinal vibration of a non-uniform bar excited by impact 8-75086
- Ray, K.D., Sutradhar, S.K.** Longitudinal vibration of a bar excited by impact considering lateral inertia 8-94606
- Ray, L., Blanpied, G.S., Coker, W.R., Liljestrand, R.P., Hoffmann, G.W.** Coupled-channels analysis of inelastic proton scattering from ^{12}C at 0.8 GeV 8-74367
- Ray, L.** *see* Hoffman, G.W. 8-54760
- Ray, L.** *see* Hoffmann, G.W. 8-70526
- Ray, M.** The microprocessor in multiple projector presentation 8-55425
- Ray, N.K., Mehandru, S.P.** Use of atomic Fues potential within the floating spherical Gaussian orbital method: study of some two-valence-electron diatomics and triatomic ions 8-62717
- Ray, N.K., Shobha Bhargava** Hydrogen suppressed graphs and extended Huckel theory (EHT) electron densities and bond orders for alkanes 8-90088
- Ray, N.K.** *see* Bhargava, S. 8-82614
- Ray, N.K.** *see* Mehandru, S.P. 8-74563, 8-94183
- Ray, P.K., Kenney, E.S.** Production of ^{87}Br for studying neutron decay 8-70951
- Ray, P.S., Hora, H., Clark, R.G., Tsivinsky, A., Shepanski, J.R., Titterton, E.W., Lowy, D.N.** Increase of nuclear reaction gains from reheat calculations of inertial confinement using a collective model 8-59664
- Ray, P.S.** *see* Hora, H. 8-82517
- Ray, R., Hasegawa, R.** Rapidly quenched metastable iron-boron solid solutions 8-92218
- Ray, R.** *see* Hasegawa, R. 8-80134
- Ray, R.K.** *see* Sarkar, B. 8-60794
- Ray, R.N.** *see* Soni, M.P. 8-78473
- Ray, S., Saha, S., Barua, A.K.** Rotational transitions of HD^+ in collisions with He 8-70909
- Ray, S.** *see* Chatterjee, A. 8-62353
- Ray, S.** *see* Nandy, A. 8-70371
- Ray, S.N.** *see* Andriessen, J. 8-78638
- Ray Chaudhury, K.D., Dhara, M., Chatterjee, S.D.** On the application of Struve function to a physical problem 8-76287
- Ray-Shing Wu** *see* Cheng, K.C. 8-67193
- Raybold, R.C.** *see* Cameron, J.M. 8-54342
- Raychaudhuri, A.K., Bandyopadhyay, N.** Field of a charged particle in Brans-Dicke theory 8-65849
- Raychaudhuri, K.** *see* Beier, E. 8-74290
- Raychaudhuri, K.** *see* Weisberg, H. 8-74291
- Rayet, P.** *see* Farrar, G.R. 8-70302
- Rayez, J.-C.** *see* Ducasse, L. 8-82941
- Rayez-Meaueme, M.T., Decoret, C., Dannenberg, J.J.** A theoretical study of the photolytic decomposition of ethane to ethylene via a triplet-state ethylenide intermediate 8-64869
- Rayment, S.G.** *see* Searle, C.L. 8-69115
- Raymer, M.G.** *see* Carlsten, J.L. 8-86811, 8-87103
- Raymond, A.** *see* Aublomb, R.L. 8-80007
- Raymond, A.** *see* Robert, J.L. 8-56162
- Raymond, D.J.** *see* Takeuti, T. 8-73443
- Raymond, J.C.** On dielectronic recombination and resonances in excitation cross sections 8-62915
- Raymond, J.C.** Bowen fluorescence in the solar transition region 8-93179
- Raymond, J.C., Dupree, A.K.** C III density diagnostics in nonequilibrium plasmas 8-53899
- Raymond, J.C.** *see* Dupree, A.K. 8-96569
- Raymond, J.C.** *see* Hartmann, L. 8-57608
- Raymond, R.S.** *see* Hennies, D. 8-55078
- Raymonda, J.W.** *see* Zelazny, S.W. 8-71094
- Raynal, J.C.** *see* Le Yaouanc, A. 8-70342
- Rayne, J.A.** Magneto-acoustic studies in tungsten and molybdenum 8-91604
- Rayne, J.A.** *see* Almond, D.P. 8-88156
- Rayner, D.M., Lee, M., Szabo, A.G.** Effect of sea-state on the performance of laser fluorosensors 8-92990
- Rayner, D.M., Szabo, A.G.** Time-resolved laser fluorosensors: a laboratory study of their potential in the remote characterization of oil 8-73097
- Rayner, J.G.** *see* Cooper, P.G. 8-63487
- Raynor, G.S., Brown, R.M., SethuRaman, S.** A comparison of diffusion from a small island and an undisturbed ocean site 8-85647
- Raynski, J.** Regular quantum field theories 8-81883
- Razafimandimb, H.A.** *see* Erdos, P. 8-72119
- Razaullah Ansari, S.M.** Aryabhata. I. His life and his contributions 8-65741
- Razavi, M.D., Damle, A.S.** Heat transfer coefficients for turbulent filmwise condensation 8-63429
- Razdan, H.** *see* Bhat, C.L. 8-73970
- Razdan, H.** *see* Shah, G.N. 8-96367
- Razdobarin, G.T.** *see* Gusev, V.K. 8-59666
- Razdorskii, V.G.** *see* Krasovitskii, V.B. 8-87456
- Razeghi, M., Houlier, B., Yuste, M.** EPR study of Mn^{2+} around the ferroelastic transition point of $\text{Pb}_3(\text{PO}_4)_2$ 8-76303
- Razeghi, N.** *see* Imandel, K. 8-61453
- Razelos, P., Benjamin, M.K.** Computer model of thermal regenerators with variable mass flow rates 8-75047
- Razga, J.** *see* Horyna, J. 8-89991
- Razgonov, I.I.** *see* Mitrijaev, A.A. 8-76131
- Razgouljaeva, V.I.** *see* Shapiro, A.L. 8-75466
- Razgouljaeva, V.I.** *see* Pokrovskaya-Soboleva, A.S. 8-75465
- Razi Naqvi, K., Van Willigen, H., Capitanio, D.A.** On the mechanism of excimer formation in triplet-triplet annihilation 8-78738
- Razin, G.P.** *see* Drobosyuk, V.M. 8-53262
- Razin, S.V.** *see* Azhgirei, L.S. 8-78394
- Razin, S.V.** *see* Azhgirei, L.S. 8-89727, 8-89887
- Razina, G.K.** *see* Bordovitsyn, V.A. 8-66056
- Razkazov, N.I.** *see* Petkov, K.S. 8-52715
- Razkazov, N.I.** *see* Todorov, R.P. 8-52714
- Razumov, O.N.** *see* Gridnev, V.N. 8-64558, 8-84768
- Razumov, O.N.** *see* Voznyuk, P.O. 8-72372
- Razumova, T.K.** *see* Kaliteevskaya, E.N. 8-85181
- Razumovskaya, I.V., Zaitsev, M.G.** Computer simulation of activated rupture of a one-dimensional chain 8-91378
- Razumovskaya, N.A.** *see* Sokolova, R.S. 8-83108
- Razuvaeva, I.N.** *see* Bodunova, M.B. 8-56673
- Razuvaev, E.A.** *see* Donskov, S.V. 8-78549
- Razyi, J.** *see* Holland, J.P. 8-74459
- Razygrayev, A.P., Gurin, A.I.** Guidance for soft landing of a space vehicle in a designated region on the surface of Mars, based on principles of terminal control 8-73602
- Razykov, T.M.** *see* Umarov, G.Ya. 8-80043
- Razzetti, C., Lottici, P.P.** Resonant Raman scattering in As_2S_3 amorphous thin films 8-68505
- Razhivin, B.P.** *see* Gudzenko, A.I. 8-74995
- Rcheulishvili, G.L., Samokhin, A.P.** Influence of singularities of the amplitude on the behavior of the differential scattering cross section 8-49984
- Re, E.** *see* Del Re, E.
- Rea, B.** Applying the digital micrometer 8-65902
- Rea, D.K.** Evolution of the East Pacific Rise between 3°S and 13°S since the Middle Miocene 8-88813
- Read, A.** *see* Arthur, L. 8-62973
- Read, B.D.** *see* Silvius, J.R. 8-64949
- Read, D.T., Ledbetter, H.M.** Temperature dependence of the elastic constants of an NbTi/Cu superconducting composite 8-68717
- Read, F.H.** *see* Jureta, J. 8-70936
- Read, F.H.** *see* Smith, A.J. 8-90219
- Read, M.E.** *see* Gammel, G. 8-54508
- Read, M.N., Jennings, P.J.** Surface barrier structure analysis using LEED 8-64089
- Reader, P.D., White, D.P., Isaacson, G.C.** Argon plasma bridge neutralizer operation with a 10-cm-beam-diameter ion etching source 8-74102
- Readhead, A.C.S., Kemp, M.C., Hewish, A.** The spectrum of small-scale density fluctuations in the solar wind 8-96376
- Readhead, A.C.S., Wilkinson, P.N.** The mapping of compact radio sources from VLBI data 8-89266
- Reading, D.H.** *see* Brenner, D.J. 8-73248, 8-85386
- Readman, R.W.** Magnetic properties of ulvospinel 8-56351
- Ready, J.F.** Coupling of CO_2 laser energy into ionized blowoff material 8-72641
- Ready, P.J., Clark, R.W.** Application of the K-L transform to spatial domain filtering of multi-band images 8-78952
- Reagan, J.A., Spinhirne, J.D., Byrne, D.M., Thomson, D.W., de Pena, R.G., Mamane, Y.** Atmospheric particulate properties inferred from Lidar and solar radiometer observations compared with simultaneous in situ aircraft measurements: A case study 8-61501
- Reagan, J.B.** *see* Imhof, W.L. 8-93040
- Reakes, M.L., Newton, K.** The large-scale structure of H I in M33 8-96539
- Real, R.R.** Proposed instrumentation for analytical video stereoscopy of extended images 8-88926
- Reale, C.** Properties of vapour-quenched superconducting A1-type As, Sb and Bi films 8-52145
- Reale, C.** Magnetic field necessary to destroy superconductivity in A1-type Se and Te 8-91825

- Realo, E.**, Reiman, S., Kokh, R. Magnetic moment of the $I=+3/2$ level of the ^{119}Sn nucleus 8-50083
- Realo, K.**, Yaek, I. Reflectance and absorption spectra of CaS single crystals at the edge of fundamental absorption 8-56499
- Reamer, D.C.**, O'Haver, T.C., Zoller, W.H. The use of gas chromatograph microwave plasma detector for the detection of alkyl lead and selenium compounds in the atmosphere 8-68975
- Reardon, P.J.** Review of Tokamak engineering and TFTR technology 8-50344
- Reasoner, D.L.** see Lennartsson, W. 8-77435
- Reass, W.A.** Programmable, regulated 15 V, 10000 A neutral beam filament supply 8-70630
- Reatto, L.** see De Michelis, C. 8-71896, 8-84018
- Reau, J.M.**, Olazcuaga, R., Moali, J., Dwyer, S., Le Flem, G. New ionic conductors of sodium with the formula $\text{Na}_{4-x}(\text{Si}_{1-x}\text{P}_x)\text{O}_4$ ($0 \leq x \leq 0.25$) 8-51731
- Reau, J.M.**, Rhandour, A., Lucat, C., Granier, W., Vilminot, S., Cot, L. The transport properties of divalent tin halides 8-79806
- Reau, J.M.**, Rhandour, A., Lucat, C., Portier, J., Hagenmuller, P. Study of the anionic conductivity of solid solutions $\text{Pb}_{1-x}\text{Th}_x\text{F}_{2+2x}$ 8-91481
- Reau, J.-M.** see Levasseur, A. 8-51730
- Reay, N.K.** see Atherton, P.D. 8-61909
- Rebaglia, B.** see Bertinetto, F. 8-87072
- Rebaglia, B.I.** see Bertinetto, F. 8-90440
- Rebane, I.** On the theory of time dependence of resonant secondary emission spectra of impurity centres 8-92082
- Rebane, K.**, Saari, P. Hot luminescence and relaxation processes in resonant secondary emission of solid matter 8-52549
- Rebane, L.A.** see Gorokhovskii, A.A. 8-71803
- Rebane, L.A.** see Treshchalov, A.B. 8-87943
- Rebane, T.K.** see Volodicheva, M.I. 8-82654
- Rebane, V.H.** Dependence of the broadening and shift of a spectral line on polarization in the anisotropic collision of atoms with charged particles 8-82695
- Rebar, F.** see Boggess, A. 8-96382
- Rebbi, C.** see DeGrand, T. 8-70330
- Rebbi, C.** see Jackiw, R. 8-54555
- Rebel, H.** see Eyrich, W. 8-54774, 8-78301
- Rebentrost, F.** Electronic-to-rotational energy transfer in the system $\text{F}+\text{D}_2$ 8-86935
- Rebhan, E.**, Salat, A. Feedback stabilization of axisymmetric MHD instabilities in Tokamaks 8-87484
- Rebizant, J.** see Potzel, W. 8-83902
- Rebko, V.G.** see Zvezdin, A.K. 8-56358
- Rebouillat, J.P.** see Cochrane, R.W. 8-68018
- Rebouillat, J.P.** see Lienard, A. 8-68189
- Reboul, J.P.** see Felix, M.M.P. 8-52101
- Reboul, J.-P.** The hydraulic reaction of tricalcium silicate observed by microwave dielectric measurements 8-80745
- Rebrin, Yu.I.** see Blokhin, A.V. 8-87215
- Rebstein, R.** see Rover, J. 8-92731
- Rebstock, C.** see Sheikh, N.M. 8-57394
- Recami, E.** An introductory view about superluminal frames and tachyons 8-69983
- Recami, E.** How to recover causality in special relativity for tachyons 8-73843
- Recami, E.** see Caldirola, P. 8-58162
- Recami, E.** see Castorina, P. 8-58156, 8-58163
- Reccius, E.** see Neumann, H. 8-92090
- Rechanic, A.I.** see Khurst, Yu.R. 8-77172
- Rechenberg, H.** Steady state activity distribution in compressible steamtube 8-90007
- Rechenberg, H.R.**, Breman, L.H., Huang, F.S., de Graaf, A.M. Remanent magnetization of $\text{CoO} \cdot \text{Al}_2\text{O}_3 \cdot \text{SiO}_2$ glass: a log t law 8-68300
- Rechenberg, I.** see Albers, C. 8-64151
- Rechenberg, I.** see Galeskii, F. 8-80409
- Rechess, Z.** Analysis of faulting in three-dimensional strain field 8-77225
- Rechester, A.B.** see Boozer, A.H. 8-59657
- Rechnitz, G.A.** see Pui, C.P. 8-61071
- Rechtin, M.D.**, Baldo, P.M., Vander Sande, J. Ion-implantation damage in amorphous and crystalline $\text{Nb}_{40}\text{Ni}_{60}$ 8-91365
- Rechtin, M.D.**, Pronko, P.P., Foti, G., Csepregi, L., Kennedy, E.F., Mayer, J.W. An electron microscopy study of defect structures in recrystallized amorphous layers of self-ion-irradiated (111) silicon 8-75688
- Recillas-Cruz, E.** see Pismis, P. 8-81678
- Reck, G.P.** see Mathur, B.P. 8-55204, 8-70950
- Reck, R.A.** Thermal effects of stratospheric ozone depletion at 85°N latitude as influenced by airborne particles 8-81279
- Recknagel, E.** see Echt, O. 8-92011
- Recknagel, E.** see Patterson, B.D. 8-60373
- Reesor, G.E.** see Arthur, L. 8-62973
- Reddi, S.S.** Constrained least-squares image restoration: an improved computational scheme 8-82915
- Reddick, G.W.** Solvent extraction in HTGB fuel reprocessing 8-86667
- Redding, J.L.** Aristotle's theory of falling bodies [for teachers] 8-62026
- Redding, R.W.** see Meyer, F.O., III 8-74634
- Reddoch, A.H.** see Bernstein, H.J. 8-80364
- Reddoch, A.H.** see Brunton, G. 8-90192
- Reddy, B.J.** see Lakshman, S.V. 8-92087
- Reddy, B.M.** see Lakshmi, D.R. 8-69588
- Reddy, B.P.** Nagi see Nagi Reddy, B.P.
- Reddy, C.A.**, Devasia, C.V. Equivalent circuit analysis of neutral wind effects on equatorial electrojet 8-57392
- Reddy, D.V.** see Thangam, P.V. 8-79235
- Reddy, D.V.** see Thangam Babu, P.V. 8-66336
- Reddy, G.R.**, Venkateswara Rao, V. Measurement of general forms of motion by laser speckle interferometry 8-74054
- Reddy, G.V.K.**, Venkatasubramanian, N.K. Flexure of a micropolar elastic circular cylinder 8-51083
- Reddy, K.C.** see Prabhakara Rao, N. 8-59868
- Reddy, K.R.**, Tanner, R.I. Finite element solution of viscous jet flows with surface tension 8-79349
- Reddy, K.V.** see Beniere, F. 8-67852
- Reddy, K.V.** see Bray, R.G. 8-62239
- Reddy, K.V.** see Murthy, V.R.K. 8-64300
- Reddy, K.V.** see Ramaniah, K.V. 8-74337, 8-74338
- Reddy, K.** Venkata see Venkata Reddy, K.
- Reddy, N.K.** see Bullock, A.T. 8-56368
- Reddy, P.** Narashimha see Narashimha Reddy, P.
- Reddy, P.P.**, Reddy, Y.P. Spectroscopic studies of Ni^{2+} in calcium tartrate tetrahydrate 8-84610
- Reddy, P.P.**, Reddy, Y.P. Electronic absorption spectrum of Co^{2+} in strontium tartrate tetrahydrate single crystals 8-92098
- Reddy, S.** Bhuloka see Bhuloka Reddy, S.
- Reddy, S.** Jeevananda see Jeevananda Reddy, S.
- Reddy, S.M.** see Lonngren, K.E. 8-84525
- Reddy, S.** Paddi see Paddi Reddy, S.
- Reddy, Y.P.** see Reddy, P.P. 8-84610, 8-92098
- Redfern, B.A.W.** see Worrell, C.A. 8-67860
- Redi, O.** Spins of ^{47}V and ^{48}V by the atomic beam magnetic resonance method 8-78256
- Reding, J.P.** see Ericsson, L.E. 8-71363
- Redington, R.L.**, Redington, T.E. Infrared matrix-isolation spectra of monomeric oxalic acid 8-66550
- Redington, T.E.** see Redington, R.L. 8-66550
- Redish, E.F.** see Benzec, G. 8-86185
- Redish, E.F.** see Benoist-Guental, P. 8-78330
- Redish, E.F.** see L'Huillier, P. 8-62119
- Red'kin, Y.R.** see Mikhailenko, V.I. 8-74640
- Red'ko, A.V.** Process of simultaneous developing and fixing 8-86372
- Redko, T.P.** see Krjukov, N.A. 8-63618
- Red'ko, V.I.** see Budenkov, G.A. 8-72960
- Red'ko, V.P.** see Alekshkevich, N.I. 8-59166
- Red'ko, Yu.F.**, Demchuk, B.N. Fast-acting miniature microcalorimeter 8-77916
- Redlich, L.** Ion acoustic waves in noble gas ion lasers 8-74885
- Redmond, A.** see Campbell, W.J. 8-81173
- Redondo, A.** see Goddard, W.A., III 8-91534
- Redpath, J.L.** The response of *E. coli* AB2463 recA to fast neutron beams with mean energies in the range 4 to 27 MeV 8-65077
- Redpath, J.L.** see Becker, D. 8-65083
- Redwine, R.P.** see Burman, R.L. 8-70573
- Redwine, R.P.** see Malbrough, D.J. 8-70570
- Redwine, R.P.** see Freedom, B.M. 8-70571
- Redzhepov, M.** see Mosanov, O. 8-56186
- Reece, A.M., Jr.** Modulation of short waves by long waves 8-77249
- Reece Roth, J.** Effects of applied DC radial electric fields on particle transport in a bumpy torus plasma 8-59646
- Reece Roth, J.**, Krawczonek, M.W., Powers, E.J., Hong, J.Y., Kim, Y.C. Inward transport of a toroidally confined plasma subject to strong radial electric fields 8-63548
- Reed, C.E.** see Banyard, K.E. 8-86793
- Reed, C.M.** see Wang, M.D. 8-73163
- Reed, G.A.L.** see Parker, W.R. 8-61271
- Reed, I.S.**, Chang, C.M., Kwok, Y.S., Truong, T.K. 3-D reconstruction for diverging X-ray beams 8-58099
- Reed, J.** The growth of alkali halide crystals for optical components 8-50955
- Reed, J.** see Boon-Keng Teo 8-85291
- Reed, J.R.** see Hinkle, R.E. 8-85084
- Reed, L.D.**, Gieseke, J.A. The response of an aerosol particle to an impulse at small values of Knudsen number 8-90977
- Reed, P.E.** see Andrews, E.H. 8-92361
- Reed, P.E.** see Mead, W.T. 8-85086
- Reed, R.K.** The heat budget of a region in the eastern Bering Sea, Summer 1976 8-85583
- Reed, R.K.** Cloud effects on insolation over the tropical Pacific Ocean 8-92914
- Reed, R.K.**, Elliott, W.P. A comparison of oceanic precipitation as measured by gage and assessed from weather reports 8-57258
- Reed, R.K.** see Halpern, D. 8-57214
- Reed, R.P.** see Tobler, R.L. 8-92311
- Reed, R.W.** see Marker, A.J. 8-52169
- Reed, S.E.** see Brown, S.J., Jr. 8-59308
- Reed, T.B.** see Henrich, V.E. 8-72698
- Reed, T.B.** see Terauchi, H. 8-79549
- Reed, W.A.**, Snyder, L.C., Guggenheim, H.J., Weber, T.A., Wasserman, Z.R. The Compton profile of urea 8-80431
- Reed, W.A.** see Rosenberg, M. 8-88378
- Reed-Hill, R.E.** see Boratto, F.J.M. 8-75888
- Reed-Hill, R.E.** see Cribb, W.R. 8-88498
- Reed-Hill, R.E.** see Delobelle, P. 8-76675
- Reeder, D.D.** see Benvenuti, A. 8-82196
- Reeder, D.D.** see Smith, J.G. 8-82190
- Reeder, D.D.** see Wanderer, P. 8-66073
- Reeder, R.N.** FET probes ease 'scope measurements 8-93667
- Reeder, R.N.** High frequency oscilloscope design 8-93672
- Reedy, E.D., Jr.** Model analysis of stable crack growth 8-55596
- Reedy, G.T.** see Green, D.W. 8-78681, 8-78690
- Reedy, R.C.** Experimental determination of cosmic-ray particle fluxes 8-85778
- Reeh, H.** see Garber, W.D. 8-58133
- Reenan, R.J.** van see van Reenan, R.J.
- Rees, B.** Data processing and structure-factor determination 8-71631
- Rees, B.** Assessment of accuracy. [X-ray crystallography] 8-71636
- Rees, C.E.** Sulphur isotope measurements using SO_2 and SF_6 8-65405
- Rees, C.E.**, Jenkins, W.J., Monster, J. The sulphur isotopic composition of ocean water sulphate 8-65340
- Rees, D.** see Moriyasu, K. 8-66165
- Rees, G.H.** Beam-beam interactions in e-p storage rings 8-78889
- Rees, G.J.** see Wilson, F.G. 8-64518
- Rees, H.** see Dahl, W. 8-56689
- Rees, J.A.** see Alger, S.R. 8-87435, 8-91055
- Rees, M.H.** see Christensen, A.B. 8-77387
- Rees, M.J.** Dissipative processes, galaxy formation and 'early' star formation 8-57654
- Rees, M.J.** Accretion and the quasar phenomenon 8-57678
- Rees, M.J.** Origin of pregalactic microwave background 8-86040
- Rees, M.J.** The M87 jet: internal shocks in a plasma beam? 8-93416
- Rees, M.J.** Relativistic jets and beams in radio galaxies 8-96541
- Rees, M.J.** see Blandford, R.D. 8-57670
- Rees, M.J.** see Cavallo, G. 8-54087
- Rees, M.J.** see Fabian, A.C. 8-96567
- Rees, M.J.** see White, S.D.M. 8-54051
- Rees, M.J.** see Wilson, D.B. 8-96497
- Rees, W.** see Parkinson, G.M. 8-83680
- Reese, L.** see Wilkins, K. 8-73213
- Reese, P.F.** see Liao, T.T. 8-81763
- Reesor, G.E.** see Dagg, I.R. 8-78679, 8-78680
- Reethof, G.** Control valve and regulator noise generation, propagation, and reduction 8-51002
- Reethof, G.** Turbulence-generated noise in pipe flow 8-59385
- Reetts, T.** Electrotransport in a ceramic based on thorium oxide 8-67869
- Reeve, C.**, Pedersen, A., Fahleson, U., Maehlum, B., Rothwell, P. Rocket measurements of ULF electric fields and precipitating particles in the aurora 8-96337
- Reeve, J.S.** see Houghton, A. 8-65883
- Reeve, K.D.** Ceramics as nuclear reactor fuels 8-58392
- Reeves, C.R.**, Maki, V.E., Goldsberry, T.G., Rohde, D.F. Vibration sensitivity of the parametric acoustic receiving array [hydrophone] 8-66971
- Reeves, C.V.** A failed Gondwana spreading axis in southern Africa 8-57180
- Reeves, E.M.** see Vernazza, J.E. 8-96447
- Reeves, J.R.** see Porter, J.A. 8-77366
- Reeves, M.**, Whitmore, R.L. A generalised theory of the shape of sectioned erythrocytes 8-65071
- Reeves, R.K.**, Hoepfner, D.W. Microstructural and environmental effects on fretting fatigue 8-64734
- Reeves, R.K.**, Hoepfner, D.W. Scanning electron microscope analysis of fretting fatigue damage 8-88541
- Reeves, R.K.**, Hoepfner, D.W. A Weibull analysis of center cracked panel crack growth data of a 0.40/0.50 carbon steel 8-92319
- Reeves, W.** see Tsotsos, J. 8-81031
- Refai, M.Y.** see Bassali, W.A. 8-63300
- Refermat, S. (editor)** Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.103. Systems Integration and Optical Design II 8-50783
- Referowski, Z.** International organization of legal metrology topics 8-73961
- Reff, I.** The radius and limiting conductivity of a spherical ion in a polar solvent 8-95168
- Regal, D.M.** see Teller, D.Y. 8-61180

- Regan, D.** Assessment of visual acuity by evoked potential recording: ambiguity caused by temporal dependence of spatial frequency selectivity 8-64995
- Regan, D., Beverley, K.I.** Looming detectors in the human visual pathway 8-65029
- Regan, D., Milner, B.A.** Objective perimetry by evoked potential recording: limitations 8-69049
- Regan, D.R., Meecham, W.C.** Multitube turbojet noise-suppression studies using cross-correlation techniques 8-79157
- Regan, R.D., Hinz, W.J.** Fourier transforms of finite length theoretical gravity anomalies 8-61299
- Regel, V.R.** A study of the physical nature of fracture in composite materials 8-80653
- Regel', V.R., Leksovskii, A.M., Kireenko, O.F.** Temperature-time dependence of the strength of metal-polymer adhesive contacts 8-68753
- Regel', V.R., Tamuzh, V.P.** Fracture and fatigue of polymers and composites (survey) 8-68781
- Regev, D., Ronen, Y.** A comparison between integral and integro-differential transport calculations in reactor theory 8-50228
- Regge, T.** see Rasetti, M. 8-59992
- Regge, T.** see Ruvalds, J. (editor) 8-59985
- Reggiani, A.** see Torresin, G. 8-57106
- Reggiani, J.-C., Bernard, J., Malugani, J.-P.** Study of the AgPO₃-AGI glass system by solution calorimetry 8-64527
- Reggiani, L.** Effect of impurity scattering on the hole drift velocity in germanium 8-60127
- Reggiani, L., Canali, C., Nava, F., Quaranta, A.A.** Diffusion coefficient of holes in Ge 8-84218
- Regimbart, R.** see Bizard, G. 8-54643
- Regimbart, R.** see Plouin, F. 8-74364
- Regis, G.** see Nicolet, J.B. 8-90844
- Regis, M.** see Ferre, J. 8-72551
- Register, D.** see Jensen, S. 8-74769
- Register, D.F., Trajmar, S., Jensen, S.W., Poe, R.T.** Electron scattering by laser-excited barium atoms 8-86933
- Regler, M.** Multiple scattering in fitting procedures 8-74091
- Regler, M.** see Fidecaro, G. 8-66157
- Regnaut, C.** see Badiali, J.P. 8-75528
- Regtien, P.P.L., Makkink, H.K.** A capacitive dew-point sensor 8-81421
- Reguerio, M.** Nunez see Nunez Reguerio, M.
- Rehak, P.** see Cobb, J.H. 8-89749
- Rehak, R.** see Cobb, J.H. 8-62469
- Rehberg, K.-J., Martin, E.** Extremum control for automatic Bragg-angle-correction for the Lang-topography 8-59718
- Rehbinder, G.** The drag force on the grains in a permeable medium subjected to a water jet 8-55691
- Rehbinder, G.** see Wijk, G. 8-81153
- Rehder, D.** see Paulsen, K. 8-70853
- Rehim, S.S.** Abdel see Abdel Rehim, S.S.
- Rehm, K.E., Henning, W., Erskine, J.R., Kovar, D.G.** ¹⁶O+⁴⁰Ca inelastic scattering and direct-reaction calculations in heavy-ion scattering 8-58298
- Rehm, K.E.** see Geesaman, D.F. 8-82404
- Rehm, K.E.** see Meyer-Schutzmeister, L. 8-70486
- Rehm, K.E.** see Sperr, P. 8-70562
- Rehm, K.E.** see Tabor, S.L. 8-78412
- Rehm, W.** see Wolters, J. 8-58390
- Rehm, W.S.** see Schoepfle, G.M. 8-73144
- Rehmat, A., Saxena, S.C., Land, R., Jonke, A.A.** Noncatalytic gas-solid reaction with changing particle size: unsteady state heat transfer 8-92503
- Rehmus, P., Kellman, M.E., Berry, R.S.** Spatial correlation of atomic electrons He** 8-70760
- Rehn, L.E., Okamoto, P.R., Potter, D.I., Wiedersich, H.** Effect of solute misfit and temperature on irradiation-induced segregation in binary Ni alloys 8-72779
- Rehn, L.E., Robrock, K.-H., Jacques, H.** Interstitial-solute complexes in an irradiated Al-Fe alloy 8-92289
- Rehn, V., Jones, V.O.** VUV and soft X-ray mirrors for synchrotron radiation 8-83071
- Rehn, V.** see Bachrach, R.Z. 8-62275
- Rehn, V.** see Monahan, K.M. 8-66687, 8-68544
- Rehn, V.** see Stohr, J. 8-62673
- Rehrmann, J.A., Jonas, L.A.** Dependence of gas adsorption rates on carbon granule size and linear flow velocity 8-56033
- Rehwald, W.** Ultrasonic study of the phase transition in squaric acid 8-79770
- Reible, S.A.** see Leonberger, F.J. 8-94492
- Reich, C.W.** see Greenwood, R.C. 8-89819
- Reich, F.R.** A precision laser extensometer 8-57896
- Reich, H.D.** see Ackermann, H. 8-66126
- Reich, H.D.** see Berger, Ch. 8-62412
- Reich, S.M.** Resonant devices in astronomy 8-53831
- Reich, S.M., Brill, H.L.** An unconventional chopper for infrared applications 8-81545
- Reich, W., Kalberla, P., Reif, K., Neidhofer, J.** Large dynamic range observations with the Effelsberg 100-m radio telescope 8-96391
- Reichardt, W., Lehmann, U.** Definition of the room impression index R by determining the room impression on the basis of subjective examination of musical performance 8-87202
- Reichardt, W., Lehmann, U.** Room impression as an overall concept of spaciousness and liveliness. Examples of room measurement factor R 8-94484
- Reichardt, W.** see Kress, W. 8-59899
- Reichardt, W.** see Pintschovius, L. 8-55918
- Reichardt, W.** see Roedhammer, P. 8-59901
- Reichardt, W.** see Guyer, H. 8-70449
- Reichardt, W.** see Lewandowski, Z. 8-70518
- Reiche, J.** Possibilities of observing effects due to Lin's density-wave theory 8-73756
- Reiche, P.** see Bohm, J. 8-64343
- Reiche, P.** see Kaminskii, A.A. 8-95593
- Reichel, H., Ruppert, E.** Measurement of the total and fast neutron flux in the compact sodium-cooled reactor KNK-1 8-62591
- Reichelt, K., Mair, G.** The structure and composition of RF reactively sputtered MoS_x films 8-60038
- Reichelt, K.** see Schienbein, K. 8-84107
- Reichelt, T.** see Christ, A. 8-70663
- Reichelt, W.** see Terukov, E.I. 8-84268
- Reichelt, W.H.** see Stratton, T.F. 8-82990
- Reichenberger, H., Jesch, F., Grabs, G.H., Kellermann, W., Messner, K.** An electrode for intravascular monitoring of arterial pO₂ 8-85408
- Reichert, C.** see Morelli, C. 8-65209
- Reichert, T.A.** see Quick, R.F., Jr. 8-69080
- Reichl, H., Muller, J., Huber, D.** Photoluminescence investigations of diffused GaAs light emitting diodes 8-72587
- Reichl, H.** see Muller, J. 8-95302
- Reichmann, E.J.** see Krall, K.R. 8-53913
- Reichner, P.** see Marshall, R.A. 8-54949
- Reid, C.J., Evans, G.J., Evans, M.W., Coffey, W.T.** Molecular dynamics in CH₂Cl₂/decalin glass 8-76379
- Reid, C.J.** see Evans, G.J. 8-60428
- Reid, C.N., Newey, C.W.A., Reynolds, K.A., Weaver, G., Williams, K.** A case study approach to teaching fracture 8-57720
- Reid, G.C., McAfee, J.R., Crutzen, P.J.** Effects of intense stratospheric ionisation events 8-96273
- Reid, G.N.** Fabrication and test results of a conical acoustic lens 8-51019
- Reid, I.** Canada in space 8-93068
- Reid, I.G., Burrage, S.W., Carr, M.K.V.** Climatic change and European agriculture 8-85679
- Reid, J., Garside, B.K., Shewchun, J., El-Sherbiny, M., Ballik, E.A.** High sensitivity point monitoring of atmospheric gases employing tunable diode lasers 8-73523
- Reid, J., McKellar, A.R.W.** Observation of the S₀(3) pure rotational quadrupole transition of H₂ with a tunable diode laser 8-82723
- Reid, J., Shewchun, J., Garside, B.K., Ballik, E.A.** Point monitoring of ambient concentrations of atmospheric gases using tunable lasers 8-61607
- Reid, J.** see Garside, B.K. 8-57373
- Reid, J.L.** see Mantyla, A.W. 8-61423
- Reid, J.M.** see Shung, K.K. 8-85333
- Reid, L.** see Nunez, P.L. 8-69035
- Reid, M.J.** see Moran, J.M. 8-93377
- Reid, M.J.** see Rosen, B.R. 8-53949
- Reid, M.S., Berdahl, C.M., Kendall, J.M., Sr.** Calibration standards and field instruments for the precision measurement of insolation 8-88946
- Reid, R.** see Pyke, D. 8-79619
- Reid, R.D.** see McNeil, J.R. 8-66809
- Reid, R.D.** see Warner, B.E. 8-82953
- Reid, R.F., Soutar, I.** Intramolecular excimer formation in macromolecules. I. Energy migration and excimer formation in copolymers exhibiting nearest-neighbor excimer interactions 8-70986
- Reid, R.L., Steiner, D.** Economics of Tokamak power systems 8-54993
- Reid, R.L., Wood, W.B., Steiner, D.** The commercial feasibility of fusion power based on the Tokamak concept 8-58406
- Reide, F.** see Deschamps, Y. 8-90022
- Reide, F.** see Tatischeff, B. 8-82345
- Reide, V.** see Sobotto, H. 8-52511
- Reidenbach, H.-D., Bodem, F., Fruhmorgen, P., Schroeder, G., Lex, P., Kaduk, B.** A new method for the endoscopic coagulation of mucous membrane lesions using high frequency electric currents 8-80945
- Reidenbach, H.-D.** see Bodem, F. 8-71060
- Reidy, J.J.** see Daniel, H. 8-66694
- Reidy, J.J.** see Wilhelm, W. 8-62959
- Reidy, W.P.** see O'Neil, R.R. 8-89038
- Reierson, J.D.** Challenges and rewards of being a volunteer 8-61961
- Reif, K., Mebold, U., Goss, W.M.** H I in the elliptical galaxy NGC 1052 8-69873
- Reif, K.** see Reich, W. 8-96391
- Reif, P.G.** see Bleha, W.P. 8-83102
- Reifenberger, R., Lee, M.J.G.** Strong polarisation effect in photo-induced field emission from tungsten 8-95684
- Reiff, K., Seifert, C., Seifert, G.** Yield point characteristics of steel C15 8-72810
- Reiff, P.H., Burch, J.L., Heelis, R.A.** Dayside auroral arcs and convection 8-81484
- Reiffarth, S.** see Knobloch, G. 8-95132
- Reiffers, M.** see Janos, S. 8-95281
- Reifsnnyder, W.E.** see Brotak, E.A. 8-61499
- Reihani, S.M.** Seyed see Seyed Reihani, S.M.
- Reihl, B.** see Eib, W. 8-68602
- Reijonen, H., Harms, A.A.** Neutron radiography: summary and projections 8-60893
- Reik, W.** see Pilo, D. 8-56721
- Reikhel't, R.** see Vangermann, G. 8-68988
- Reiley, C.N.** see Brandt, E.S. 8-95981
- Reilly, J.J.** see Lynch, J.F. 8-87862
- Reilly, J.J.** see Rudman, P.S. 8-51682
- Reilly, J.P.** see Eckstrom, D.J. 8-63108
- Reilly, J.T., Chan, C.K., Edwards, D.K., Kasten-berg, W.E.** The effects of thermal radiation on the temperature distribution in fuel rod arrays 8-78447
- Reiman, A.** Parametric decay in a finite width pump, including the effects of three-dimensional geometry and inhomogeneity 8-67346
- Reiman, S.** see Realo, E. 8-50083
- Reiman, S.I.** see Mitrofanov, K.P. 8-94160
- Reiman, S.I.** see Sedunov, V.K. 8-95830
- Reimann, H., Hagen, H., Waldner, F., Arend, H.** Observation of excitation of the antiferromagnetic mode in the paramagnetic state of (C₆H₅NH₂)₂CuCl₄ 8-56373
- Reimann, H.G.** A method for reddening determination in the uvby photometric system 8-73655
- Reimann, R.** High frequency structure for linear accelerators 8-50420
- Reimbert, A.** see Reimbert, M. 8-61398
- Reimbert, M., Reimbert, A.** Stresses in homogeneous pulverulent soil under vertical local load 8-61398
- Reimer, B., Bassler, H.** Photoelectric evidence for a neutral excited state in fully polymerized polydiacetylene-p-(toluenesulfonate) single crystals 8-52027
- Reimer, G.M.** see Carpenter, B.S. 8-82587
- Reimer, L., Brockmann, K., Rhein, U.** Energy losses of 20-40 keV electrons in 150-650 μg cm⁻² metal films 8-92153
- Reimer, P.** see Dzhabinusovna, M. 8-89762
- Reimer, P.** see Ermilova, D.I. 8-62468
- Reimer, V.A.** see Deryagin, A.V. 8-60284
- Reimer, V.A.** see Kudrevatykh, N.V. 8-76238
- Reimers, C.E.** see Komar, P.D. 8-81232
- Reimers, P.** see Neumann, G. 8-55989
- Rein, D., Sehgal, L.M., Zerwas, P.M.** Signatures of neutral heavy leptons in neutrino-induced dilepton events 8-70353
- Rein, R., Nir, S., Haydock, K., Macelroy, R.D.** Interactive computer graphics for bio-stereochemical modelling 8-88693
- Reina, C.** see Maraschi, L. 8-61725
- Reina, C.** see Martellini, M. 8-70274
- Reinalda, D., Ponc, V.** Heterogeneous catalysis 8-80788
- Reinartz, J.M.L.J., Meerts, W.L., Dymanus, A.** Hyperfine structure, electric and magnetic properties of ¹⁴N₂¹⁶O in the ground and first excited bending vibrational state 8-62792
- Reinders, L.J.** Baryon spectroscopy in the non-relativistic quark model with a one-gluon exchange potential 8-78147
- Reinders, L.J.** see Martin, B.R. 8-89678
- Reine, M.B., Broudy, R.M.** A review of HgCdTe infrared detector technology 8-77989
- Reine, M.B.** see Broudy, R.M. 8-77987
- Reineck, S.** see Freisinger, J. 8-75381, 8-86388
- Reinecke, T.L., Stinchcombe, R.B.** Spin-wave damping in ferromagnets in the ordered regime 8-52237
- Reinecke, T.L.** see Ngai, K.L. 8-75619, 8-75790
- Reinecke, W.G.** Drop breakup and liquid jet penetration 8-94798
- Reineke, H.H.** see Schramm, R. 8-94539
- Reineke, H.-H.** see Steinberger, U. 8-94540
- Reineker, P., Sixel, H.** Triplet excitons in molecular pairs: inhomogeneous distribution of molecular excitation energies as the origin of inhomogeneously broadened ESR lines 8-91623
- Reineker, P.** see Hinkel, H. 8-64257
- Reineker, P.** see Kuhne, R. 8-86123, 8-87911
- Reinen, D.** see Peblar, J. 8-68430
- Reineri, M.T.** see Balossino, N. 8-57117
- Reinhard, H.** see Belyaev, V.B. 8-89918
- Reinhard, P.-G.** Zero-point energies in the two-center shell model. II 8-93952
- Reinhard, P.-G., Goeke, K.** Reality conditions for classical motions along collective paths 8-66234
- Reinhard, P.-G., Goeke, K.** Adiabatic TDHF as a consistent theory for anharmonic collective motion 8-78291

- Reinhard, P.-G.**, Goeke, K. The generation coordinate method with conjugate parameters and its relation to adiabatic time-dependent Hartree-Fock 8-86498
- Reinhard, P.-G.** *see* Goeke, K. 8-54710, 8-70472
- Reinhard, R.** *see* Perron, C. 8-77444
- Reinhard, R.-M.** *see* Malz, D. 8-82036
- Reinhardt, C.** *see* Reinhardt, P. 8-80071
- Reinhardt, E.R.**, Bloss, W.H. Optical differential operation processor 8-58925
- Reinhardt, F.W.** *see* Clark, R.P. 8-91441
- Reinhardt, H.** Nuclear field theory 8-50096
- Reinhardt, H.** Nuclear field theory of Fermi systems in an external field 8-93954
- Reinhardt, H.** *see* Ebert, D. 8-50095
- Reinhardt, H.-J.** Stability and convergence for singular perturbations and boundary layer problems 8-90827
- Reinhardt, J.**, Oberacker, V., Muller, B., Greiner, W., Soff, G. Positron emission in Pb-Pb and Pb-U collisions 8-93833
- Reinhardt, J.** *see* Muller, B. 8-50198
- Reinhardt, J.** *see* Soff, G. 8-62949
- Reinhardt, M.** *see* Eichendorf, W. 8-81712, 8-81713
- Reinhardt, P.**, Reinhardt, C., Reisse, G., Weissmantel, C. Electrical and structural properties of ion beam sputtered silver-SiO₂ cermet films 8-80071
- Reinhardt, P.W.** *see* Compton, R.N. 8-55226, 8-66639
- Reinhardt, W.P.** *see* O'Neil, S.V. 8-94295
- Reinhart, F.K.** *see* Shelton, J.C. 8-87168
- Reinhold, M.** *see* Diehl, P. 8-74683
- Reinhold, U.** *see* Ullrich, H.-J. 8-95153
- Reinisch, B.W.** *see* Bibl, K. 8-73577
- Reinisch, G.**, Fernandez, J.C. A mechanical model for weakly damped solitons 8-86192
- Reinisch, G.**, Fernandez, J.C., Weiland, J. Quasi-solitons as nonstationary self-similar solutions of the Korteweg-de Vries-Burgers equation 8-93537
- Reinisch, G.** *see* Fernandez, J.C. 8-57792, 8-73746
- Reinisch, G.** *see* Fernandez, J.C. 8-49673
- Reinmann, J.J.** *see* Englert, G.W. 8-75276
- Reinovsky, R.E.** *see* Baker, W.L. 8-94927
- Reintjes, J.**, Chiao-Yao She, Eckardt, R.C. Generation of coherent radiation in the XUV by fifth- and seventh-order frequency conversion in rare gases 8-83033
- Reintjes, J.F.**, Dixon, R.H., Elton, R.C. Extended plasma source for short-wavelength amplifiers 8-79447
- Reintsema, S.R.**, Drentje, S.A., de Waard, H. Mossbauer effect studies of the recovery of iron after heavy-ion implantation at 7K 8-52393
- Reis, A.** *see* Anschutz, A. 8-85412
- Reis, A.** *see* Muller, A. 8-85441
- Reis, A.H., Jr.** *see* Ming-Bian Liu 8-80672
- Reischl, R.** *see* Hirsch, K. 8-51347
- Reiser, B.** *see* Bhattacharya, G. 8-60465
- Reiser, M.** Periodic focusing of intense beams 8-55079
- Reiser, R.A.**, Gerlach, V.S. Research on simulation games in education: a critical analysis 8-49579
- Reiser, R.A.** *see* Gerlach, V.S. 8-49578
- Reisfeld, R.**, Neuman, S. Planar solar energy converter and concentrator based on uranyl-doped glass 8-71213
- Reisinger, A.R.**, Bellavance, D.W., Lawley, K.L. Intensity modulation in GaAlAs metal-gap channel waveguides 8-66899
- Reisler, H.**, Wittig, C. Temperature dependence of the quenching of Br(4P_{1/2}) by CO₂ and HCl with accompanying vibrational excitation 8-58792
- Reisler, H.** *see* Alfassi, Z.B. 8-71096
- Reisler, H.** *see* Coulter, D. 8-88652
- Reiss, C.** *see* Valat, P. 8-66867, 8-88348
- Reiss, E.L.** *see* Tavantzis, J. 8-83396
- Reiss, H.** Photocharacteristics for electrolyte-semiconductor junctions 8-91764
- Reiss, H.** *see* Becker, C. 8-67820
- Reiss, R.** Minimum principles for linear elastodynamics 8-57781
- Reiss, R.**, Haug, E.J. Extremum principles for linear initial-value problems of mathematical physics 8-49637
- Reisse, G.** *see* Reinhardt, P. 8-80071
- Reissner, E.** On bounds for the torsional stiffness of shafts of varying circular cross section 8-87266
- Reist, H.-W.**, Casperson, D.E., Denison, A.B., Egan, P.O., Hughes, V.W., Mariam, F.G., Zuplitz, G., Souder, P.A., Thompson, P.A., Vetter, J. Development of a low-momentum 'surface' muon beam for LAMPF 8-70672
- Reist, P.C.** *see* Kuhlman, M.R. 8-61066
- Reitan, A.** An effective Hamiltonian for the ABC effect 8-70388
- Reitan, A.** Local phenomenological pion-nucleon potentials 8-70400
- Reiter, F.J.** *see* Steiner, P. 8-60535
- Reiter, F.W.**, Camposilvan, J. Thermal desorption (outgassing) of Inconel 8-54880
- Reiter, F.W.** *see* Camposilvan, J. 8-60036
- Reiter, K.** *see* Kunste, K. 8-78488
- Reiter, W.L.** *see* Nowotny, R. 8-74531
- Reiterov, V.M.** *see* Ershov, N.N. 8-95609
- Reiterov, V.M.** *see* Kaplan, E.D. 8-79083
- Reiterov, V.M.** *see* Lisitsyn, V.M. 8-83811
- Reithler, H.** *see* Faisner, H. 8-70355
- Reitmann, D.** *see* Barnard, E. 8-78374
- Reitzer, H.** *see* Gebel, C. 8-87368
- Reizer, M.Yu.** Raman scattering of sound in metals in a quantizing magnetic field 8-60171
- Rej, A.K.** Photoproduction of charged pion on He³ at (33) resonance region. I. Nuclear wave functions and kinematics 8-78361
- Rejl, L.** *see* Hrouda, F. 8-81149
- Rek, A.** *see* Kucera, J. 8-64905
- Rek, Z.J., Wilk, G.** Colour in production on nuclei 8-93981
- Rekalo, A.P.** *see* Koval'chuk, V.A. 8-58178
- Rekalo, M.P.** P-odd effects in decays of neutral vector mesons 8-54628
- Rekalo, M.P.** Possible manifestation of weak interaction in pion photoproduction on nucleons 8-54638
- Rekalo, M.P.** Heavy lepton decays of charmed mesons and mass of ν , neutrino 8-62394
- Rekalo, M.P.** A possible means for determining the space parity of the neutral pion 8-66129
- Rekalo, M.P.** Photoproduction processes of charm particles with charm nonconservation 8-74201
- Rekant, N.B.**, Demidov, S.A., Filipova, N.A., Khalykov, A.M. 'FOT' superposition photometer 8-89522
- Rekhsan, S.M.**, Ginzburg, V.A. Relaxation of stress and deformation in stabilized silicate glasses 8-92292
- Rekhsan, S.N.**, Chernousov, M.A. The temperature dependence of the thermal expansion coefficient of window glass with a constant structural temperature [or fictive temperature] 8-67839
- Rekik, M.** *see* Yangui, B. 8-63644
- Reksnis, Yu.M.** *see* Maldutis, E.K. 8-59098
- Rekstad, J.** Measurements of small quantities of elements with ion-induced X-ray fluorescence 8-53278
- Rekstad, J.** *see* Bjerregaard, J.H. 8-74376
- Rekstad, J.** *see* Guttormsen, M. 8-50080
- Rektorys, K.** Variational methods in mathematics, sciences and engineering 8-81809
- Rekveidt, M.Th.** *see* Kraan, W.H. 8-64192
- Rekveidt, M.Th.** *see* Van Schaik, F.J. 8-56344, 8-84451, 8-95458
- Relyea, L.J.**, Kurucz, R.L. A theoretical analysis of uvby photometry 8-85930
- Rem, J.** *see* D'Ippolito, D.A. 8-91141
- Remarchuk, B.F.** *see* Aref'ev, K.M. 8-79403
- Remarchuk, B.F.** *see* Aref'yev, K.M. 8-75192
- Remaud, B.** Semi-microscopic calculations of even-even nucleus collective spectra. Results for the germanium isotopes 8-86464
- Rembeza, S.I.** *see* Kirillov, V.I. 8-56509
- Rembisesa, P.** Ground state and restoration of symmetry in the 1/N-expansion: comment on the nonrenormalizable case 8-70307
- Reme, H.** *see* Anderson, K.A. 8-85799
- Remedios, L.V.** Dos *see* Dos Remedios, L.V.
- Remeika, J.P.** *see* Allen, S.J., Jr. 8-72512
- Remeika, J.P.** *see* McWhan, D.B. 8-71725
- Remeika, J.P.** *see* Rado, G.T. 8-68346
- Remenyi, A.G.** *see* Fraser, B.J. 8-62030
- Remez, N.V.** *see* Mikheev, M.N. 8-88613
- Remi, J.-P.** *see* Vlasak, A.M. 8-53497
- Remick, H.**, Miller, K. Participation rates in high school mathematics and science courses 8-81737
- Remiddi, E.** *see* Barbieri, R. 8-93831
- Remillieux, J.** Interaction of swift molecular ions with thin solid targets 8-59844
- Remillieux, J.** *see* Gaillard, M.J. 8-70920, 8-74752
- Remington, D.** *see* Jolly, E.L. 8-58493
- Remizov, A.B.**, Vakhruшева, N.N., Pominov, I.S., Kuramshin, I.Ya. Internal rotation of CH₃ groups and bandwidth in IR spectra of crystalline (CH₃)₂SnXY 8-52490
- Remizov, A.P.** *see* Verigin, M.I. 8-96418
- Remizov, O.V.** *see* Peskov, O.L. 8-94088
- Remme, W.J.** *see* Brower, R.W. 8-85449
- Remnev, A.M.** *see* D'yakonov, V.P. 8-86253
- Remnev, G.E.** *see* Bystritskii, V.M. 8-66434
- Remnyova, T.E.** *see* Chutov, Yu.I. 8-67559
- Remoissenet, M.** Cooperative diffusion in one dimensional ionic conductors and soliton Brownian motion 8-95177
- Remond, G.**, Giraud, R., Tong, M. Evolution of quantitative elementary 'point' analysis. Use of the automated electron-microprobe in the geosciences 8-78046
- Remorov, V.E.**, Putintsev, V.A. Amplifier to record a heat pulse during fracture 8-60921
- Rempert, R.H.** *see* Koenig, J.F. 8-86595
- Remsbottom, R.** *see* Larbaletstier, D.C. 8-64173
- Remy, E.** *see* Pataki, A. 8-69175
- Remy, F.** Doppler effect: an optical experiment 8-69939
- Remy, F.**, Dumont, M.N. The radiative lifetime of the B²Σ⁺ state of N₂⁺: a new measurement and a discussion of previous results 8-90220
- Remy, F.** *see* Pintard-Screpel, M. 8-67678
- Remy, G.** *see* Debeauvais, M. 8-70577
- Remy, L.** Kinetics of FCC deformation twinning and its relationship to stress-strain behaviour 8-52887
- Remy, M.** Determination of the transition probability between states of two different Hamiltonians 8-86170
- Remy, M.**, Rasser, B. Determination of the shift of the energy level of the valence shell of an atom 8-67900
- Ren Jing-Ru**, Lu Swei-Ling, Su Shih, Pan Ji-Rung A study of ultra-high energy γ-rays by emulsion chambers 8-89028
- Renard, C.** *see* Barbry, F. 8-55054
- Renard, C.** *see* Kissel, Ph.P. 8-55051
- Renard, D.** *see* Abdelmoula, K. 8-91566
- Renard, D.** *see* Yangui, B. 8-63644
- Renard, F.M.** The ω*φ* systems: a laboratory for the Iizuka-Zweig-Okubo rule 8-70324
- Renard, G.** *see* Caussade, B.H. 8-94584
- Renard, J.P.** *see* Magarino, J. 8-80205
- Renard, J.-P.** *see* Dupas, C. 8-88113
- Renard, P.A.** *see* Hunt, J.T. 8-74938
- Renaud, C.** *see* Adam, J. 8-71473
- Renaud, F.** *see* East, C. 8-85683
- Renaud, J.F.** *see* Julia, Y.H. 8-54362
- Renaud, R.** *see* Alemi, A.A. 8-88292
- Rendall, H.M.**, Smith, A.L. Surface and electrokinetic potentials of interfaces containing two types of ionising group 8-76136
- Rendon-Diazmiron, L.E.** *see* Cohen, S. 8-67690
- Rendulic, K.D.**, Winkler, A. The initial sticking coefficient of hydrogen on sulfur- and oxygen-covered polycrystalline nickel surfaces 8-63937
- Reneker, D.H.** Use of vibrational spectroscopy for NDE 8-76800
- Renfordt, R.** *see* Eyal, Y. 8-82373
- Rengan, K.** An elegant neutron activation analysis. An undergraduate experiment 8-77651
- Rengarajan, T.N.** *see* Durgaprasad, N. 8-69633
- Renieri, A.** Problems in single-particle dynamics specific to electrons 8-78892
- Renk, K.F.** *see* Pauli, G. 8-68562, 8-92113
- Renker, D.** *see* Alder, J.C. 8-62576
- Renkes, G.D.**, Thorne, L.R., Gwinn, W.D. Digital modulator and synchronous demodulator system: an alternative to the analog phase detector 8-70107
- Renna, L.** *see* Anni, R. 8-50200
- Rennekamp, F.**, Clevert, D., Bucherl, E.S. The development of an artificial heart valve for use in blood pumps 8-81065
- Rennekamp, F.** *see* Clevert, H.-D. 8-88763
- Renner, A.** *see* Boeuf, A. 8-71643
- Renner, G.** Computer simulation of the temperature and electromagnetic field in an inductively heated semiconductor 8-55961
- Renner, T.R.** *see* Schiffer, J.P. 8-66186
- Rennert, P.**, Dorre, T., Glaser, U. Theoretical investigation of the anisotropy of beryllium by polarized K-emission, APS, and Compton profiles 8-63970
- Rennert, P.**, Nguyen Van Hung Angle-resolved photoelectron spectroscopy 8-60543
- Rennie, A.J.** *see* Delany, M.E. 8-59196
- Renninger, G.H.** *see* Coleman, B.D. 8-73158
- Renny, L.V.** *see* McKee, C.S. 8-71998
- Reno, R.C.**, Raser, R.L., Schmidt, G. Quadrupole interactions at ruthenium impurities in beryllium metal 8-91996
- Reno, R.C.** *see* Raser, R.L. 8-76364
- Renou, A.**, Gillet, M. Formation of gold particles in a flowing argon system. Electron microscopy of the density, size distribution and size dispersion 8-88415
- Renou, A.** *see* Gillet, M. 8-84103
- Renouard, P.** Analyticity and summability of Borel type of Schwinger functions of the Yukawa model in dimension d=2. I. Finite volume approximation 8-54523
- Renoux, A.**, Mouden, A., Madelaine, G. Study of a light pollution in marine atmosphere 8-81376
- Renschen, C.P.** On the sin rate of the S-type asteroids 8-77516
- Rensel, W.B.** *see* Henderson, T.M. 8-50309
- Rensel, W.B.** *see* Solomon, D.E. 8-50316
- Renshall, H.** *see* Clark, A.G. 8-89751, 8-89759
- Renshaw, W.E.** *see* Gold, B.A. 8-81194
- Rensink, M.E.** *see* Berk, H.L. 8-87482
- Rensink, M.E.** *see* Cohen, R.H. 8-79455
- Rensink, M.E.** *see* Cordey, J.G. 8-78491
- Rensink, M.E.** *see* Logan, B.G. 8-74466
- Renson, P.**, Maitzen, H.M. Periodicity of the spectrum variable ω Oph 8-57559
- Renton, P.** *see* Baland, J.F. 8-93911
- Renton, P.** *see* Bosetti, P.C. 8-70357
- Renton, W.J. (editor)** Hybrid and select metal-matrix composites: a state-of-the-art review 8-72706
- Rentrop, K.-H.** *see* Christakudis, D. 8-64910
- Rentzepis, P.M.** *see* Applebury, M.L. 8-96011

- Rentzepis, P.M.** *see* Avouris, P. 8-82053
Rentzepis, P.M. *see* Huppert, D. 8-50789, 8-58065
Rentzepis, P.M. *see* Noc, L.J. 8-66582
Rentzepis, P.M. *see* Peters, K. 8-80841
Renucci, J. *see* Richter, W. 8-59905
Renucci, J.B. *see* Carles, R. 8-60473
Renucci, J.B. *see* Chandrasekhar, M. 8-52501
Renucci, M.A. *see* Carles, R. 8-60473
Renucci, P. *see* Gaudart, L. 8-80040
Reolon, A. *see* Modena, G. 8-63255
Repa, I.I., Fisun, O.I. Effect of negative ions on the voltage-current characteristic of a CO₂ discharge 8-71574
Repchenkov, V.I. Neutrino radiation in general relativity theory 8-49727
Repenko, E.V. *see* Zabaev, V.N. 8-66124
Repin, N.N. *see* Gribov, B.S. 8-66013
Repin, V.B. Critical sound pressure level in mass-transfer processes 8-90633
Repinskii, S.M. *see* Ol'shanetskii, B.Z. 8-51808
Repko, L.I. *see* Krasovskii, L.F. 8-60897
Repko, W.W. *see* Cung, Vu.K. 8-89642
Repko, W.W. *see* Larsen, M.L. 8-58115
Repp, B.H. A note on single- and double-correct responses in the dichotic two-response paradigm 8-61206
Reppinger, W. *see* Mohr, W. 8-59234
Reppy, J.D. *see* Bishop, D.J. 8-68777
Repukhov, V.M., Bogachuk-Kozahuk, K.A. Effect of swirl of the main air flow on the efficiency of film cooling in axisymmetric air flow past a rotating cylinder 8-75132
Res, M.A., Kruse, K.M.M., Hecker, E. Band-pass filter glasses in the region 550 nm to 616 nm. I. Transmission characteristics of multi-component glasses containing Cu²⁺ and Ni²⁺ ions 8-66919
Res, M.A. *see* Kruse, K.M.M. 8-71166
Resca, L., Resta, R., Rodriguez, S. Electronic excitations of the rare-gases in the solid phase 8-79942
Resca, L., Resta, R., Rodriguez, S. Nonstructural theory of the exciton states in solid rare gases 8-84147
Resca, L., Resta, R., Rodriguez, S. Core excitons in solid rare gases: Nonstructural theory 8-84148
Resca, L., Rodriguez, S. Exciton states in solid rare gases 8-67952
Resch, G.M. *see* Wittels, J.J. 8-69896
Reschke, E. Optical imaging with Gaussian bundles 8-90376
Reschke, R., Trautwein, A. Numerical integration of overlap and ligand contributions to the electric field gradient 8-58575
Rescigno, A. *see* Cobelli, C. 8-53313
Rescigno, A. *see* Thakur, A.K. 8-64916, 8-73015
Rescigno, T. *see* Bender, C. 8-59002
Rescigno, T.N., Bender, C.F., McKoy, B.V. Study of the photodetachment cross section of F⁻ 8-55149
Rescigno, T.N., Hazi, A.U., Orel, A.E. Calculation of the photoionization cross section of the Σ^+ excimer state of Ar₂ 8-70882
Rescigno, T.N., McCurdy, C.W., Jr., Orel, A.E. Extensions of the complex-coordinate method to the study of resonances in many-electron systems 8-74591
Rescigno, T.N., Winter, N.W. Theoretical modeling of the KrF fluorescence spectrum 8-63086
Resegotti, L. *see* Blechschmidt, D. 8-58510
Resenov, S.P., Lunk, A. Examining the processes in the active zone of a hollow cathode arc discharge. I. The electron energy distribution function, the excitation and ionisation speeds 8-91170
Reser, B.I., Dyakin, V.V. Instability of the OPW method in relation to the error in core eigenvalues 8-63963
Reshegikova, I.N. *see* Kiseleva, M.S. 8-61558
Reshetnyak, N.B. *see* Maksimova, T.I. 8-87755
Reshetnyak, S.A., Shelepin, L.A. A method for integrating the Fokker-Planck equation 8-91067
Reshetnyak, S.A. *see* Kozlov, G.I. 8-50760
Reshilov, A.B. *see* Gordienko, V.M. 8-94498
Reshonov, S.P. Electron energy distribution and velocity of ionisation in hollow cathode arc discharge 8-67534
Reshotko, E. *see* Strazisar, A. 8-67175
Resibois, P. H theorem for the (modified) non-linear Enskog equation 8-63526
Resibois, P. The linearized (modified) Enskog equation: the approach to equilibrium 8-94957
Resmini, F. *see* Colombo, E. 8-54752
Resnekov, L. High-energy electrical current and myocardial damage [defibrillation] 8-57051
Resnik, J.A., Malerba, F.E., Colburn, T.R., Murray, G.C., Smith, T.G., Jr. A novel rapid scanning microspectrophotometer and its use in measuring rhodopsin photoproduct pathways and kinetics in frog retinas 8-92763
Rest, J. *van der see van der Rest, J.*
Resta, R. Quantum defect theory of excitons. Solid neon 8-51902
Resta, R. *see* Cornolti, F. 8-67977
Resta, R. *see* Resca, L. 8-79942, 8-84147, 8-84148
Rester, A.C. *see* Sakai, M. 8-82265
Restorff, J.B. *see* Allgaier, R.S. 8-84236
Restuccia, A. *see* Aragone, C. 8-65846, 8-86201
Restuccia, A. *see* Gambini, R. 8-77781
Resvanis, L. *see* Smith, J.G. 8-82190
Resvanis, L.K. *see* Beron, B.L. 8-66064
Resvanis, L.K. *see* Cobb, J.H. 8-62469, 8-89749
Reszke, E. *see* Bajorek, R. 8-67597
Retelsdorf, H. *see* Kieffer, R. 8-64777
Retherford, R.M. *see* Andrews, J.T. 8-73377
Retter, J.A., Gau, J.N., Hahn, Y. Scaling properties of the dielectronic recombination amplitudes 8-58781
Rettinger, M. *see* Studwell, J.F. 8-79169
Rettner, C.T. *see* Moon, P.B. 8-66686
Rettschnick, R.P.H., Ten Brink, H.M., Langelaar, J. Application of single vibronic level spectroscopy to the study of relaxation processes in glyoxal vapour 8-58789
Reucroft, S. *see* Coffey, D. 8-50435
Reuland, P., Felderhof, B.U., Jones, R.B. Hydrodynamic interaction of two spherically symmetric polymers 8-94343
Reuschenbach, F. *see* Forker, M. 8-52414
Reuschenbach, F. *see* Herzog, P. 8-72442
Reuschenbach, M. *see* Herzog, P. 8-72442
Reuse, F. A new relativistic model for the hydrogen atom 8-70756
Reuse, F. *see* Piron, C. 8-70001
Reuss, J. Total collision cross section measurements with state selected beams 8-62910
Reuss, J. *see* Van Lumig, A. 8-62968
Reuss, J. *see* Verberne, J. 8-70852
Reuter, G. *see* Lohse, F. 8-88351
Reuter, H.J. *see* Kleckner, H. 8-88733
Reuter, K. *see* Kreische, W. 8-78360
Reuter, R. *see* Lepper, R.-D. 8-80932, 8-80935
Reutova, N.A. *see* Bekmukbambetov, E.S. 8-91485
Reutova, T.I. *see* Pilui, V.A. 8-49822
Reutskeya, L.A. *see* Datsko, O.I. 8-83884
Revannasiddaiah, D. *see* Somashekar, R. 8-76419
Revcolevschi, A. *see* Dhalenne, G. 8-92186
Revel, G. *see* Fromageau, R. 8-72790
Revelli, J.F. *see* Ratajack, M.T. 8-88300
Revelli, M.A. *see* Beattie, W.H. 8-58745
Revenchuk, S.M. *see* Pavlenko, V.N. 8-71488
Revenko, A.G. *see* Pavlinskii, G.V. 8-61107
Revenko, A.G. *see* Velichko, Yu.I. 8-61108
Reverberi, R. *see* Lenzi, G. 8-55111
Revesz, A.G. The so-called amorphous silicon—an SiH₄ polymer film 8-72048
Revesz, P., Farkas, G., Mezey, G., Gyulai, J. Epitaxial regrowth of evaporated amorphous silicon by a pulsed laser beam 8-91554
Revkevich, G.P., Bodneva, E.I. Dependence of short-range order parameters on temperature. II. Nonlinear terms 8-63840
Revkevich, G.P., Bodneva, E.I., Katsnel'son, A.A. Dependence of short-range order parameters on temperature. I. Linear approximation 8-63839
Revkevich, G.P. *see* Katsnel'son, A.A. 8-71728
Revuzhenko, A.F., Shemyakin, E.I. Problem of plane strain of hardening and softening plastic materials 8-83869
Revzen, M. *see* Mendel, R. 8-56017
Rewaj, T., Krupski, M. The effect of hydrostatic stress and temperature on the EPR spectrum of the Gd³⁺ ion in CdF₂·b₂ as a function of interionic distances 8-76304
Rewaj, T. *see* Guskos, N. 8-72404
Rewick, R.T., Wise, H. Infrared study of hydrogen sulfide and carbon monoxide adsorption in the presence of hydrogen on alumina-supported nickel catalysts 8-71945
Rewjakin, A.V. *see* Savitsky, E.M. 8-95766
Rewoldt, G., Tang, W.M., Frieman, E.A. Integral formulation for the two-dimensional spatial structure of drift and trapped-electron modes 8-91094
Rexer, H.U. *see* Heinrich, S. 8-83775
Rey, C., Mathieu, J. Comparisons between kinematic and scalar field in spectral space 8-87334
Rey, C.A. *see* Poirier, J.A. 8-70699
Rey, G. *see* Bardet, R. 8-70634
Rey-Lafon, M. Study of the phase transition of crystals of tetrachloro-p-benzoquinone (chloranil) by infrared and Raman spectroscopy 8-60445
Rey-Lafon, M., Lagnier, R. Infrared and Raman study of 1,5-difluoronaphthalene crystal dynamics 8-80346
Rey-Lafon, M. *see* Loyzance, P.L. 8-87641
Reya, E. *see* Gluck, M. 8-78139
Reya, E. *see* Owens, J.F. 8-78142
Reyes, A. *see* Ayala, G. 8-73863
Reyes, J.A. *see* Filipich, C.P. 8-59330
Reyes-Flotte, A. *see* Gonzalez H, J. 8-84611
Reynard, M. *see* Burq, J.P. 8-82569
Reynaud, S. *see* Cohen-Tannoudji, C. 8-86802
Reynhardt, E.C. *see* Watton, A. 8-88205
Reynolds, C.L., Jr., Anderson, A.C. Thermal conductivity of an electrically conducting epoxy below 3K 8-51757
Reynolds, D.C. *see* Almasy, R.J. 8-72248
Reynolds, D.E. *see* Rimer, A.E. 8-88852
Reynolds, D.W., McKee, T.B., Danielson, K.S. Effects of cloud size and cloud particles on satellite-observed reflected brightness 8-73510
Reynolds, D.W., Vonder Haar, T.H., Grant, L.O. Meteorological satellites in support of weather modification 8-96259
Reynolds, G. Two statistical heresies 8-57291
Reynolds, G. Maximum precipitation in Great Britain 8-85672
Reynolds, G.L. *see* Burton, B. 8-52915
Reynolds, G.M., Maung, T., Orphan, V.J., Gozani, T., Elias, E., Bozorgmanesh, H. System optimization for prompt-neutron activation analysis of coal 8-85743
Reynolds, G.T., Milch, J.R., Gruner, S.M. High sensitivity image intensifier-TV detector for X-ray diffraction studies 8-89609
Reynolds, J.H., Jeffery, P.M., McCrory, G.A., Varga, P.M. Improved charcoal trap for rare gas mass spectrometry 8-54496
Reynolds, K.A. *see* Reid, C.N. 8-57720
Reynolds, P.J., Stanley, H.E., Klein, W. Percolation by position-space renormalisation group with large cells 8-77805
Reynolds, P.J. *see* Klein, W. 8-93620
Reynolds, R.C. *see* Schulz, W.W. 8-62267
Reynolds, R.J., Ogden, P.M. Fabry-Perot observations of a large, expanding gas shell associated with Canis Major R1 and Canis Major OB1 8-93336
Reynolds, R.L. *see* Kellogg, K.S. 8-73311
Reynolds, R.W. Some effects of an elliptic ridge on waves of tidal frequency 8-69358
Reynolds, R.W. Sea surface temperature anomalies in the North Pacific Ocean 8-81204
Reynolds, S.A. *see* Ewart, T.E. 8-79159
Reynolds, S.D. *see* Duke, J.M. 8-82503
Reynolds, W.D., Mitchum, R.K., Newton, J., Bystroff, R.I., Pomernacki, C., Brand, H.A., Siegel, M.W. An ultra-sensitive mass spectrometer system for quantitative biological studies 8-53586
Reynolds, W.N., Wilkinson, S.J. The analysis of fibre-reinforced porous composite materials by the measurement of ultrasonic wave velocities 8-95902
Reyss, J.L., Yokoyama, Y., Duplessy, J.C. A rapid determination of oceanic sedimentation rates by non-destructive gamma-gamma coincidence spectrometry 8-85709
Rez, P. Multiple inelastic scattering and dynamical diffraction 8-83667
Rez, P. Dynamical diffraction from periodic arrays of dislocations 8-83669
Rez, P. *see* Hurley, A.C. 8-83663
Reza, A.A., Babonas, G.A., Shileika, A.Yu. Possibility of frequency tuning of CdSe optical parametric devices by uniaxial pressure 8-59084
Reza, R. *de la see de la Reza, R.*
Rezacova-Hrachova, V. *see* Sicha, M. 8-71534
Rezhikova, T.V. *see* Aivazov, M.I. 8-52018
Rezende, S.M. The antiferromagnetic spin flip boundary in FeF₂ 8-84419
Rezende, S.M. *see* de Afaudon, C.B. 8-68201
Rezette, Y. Autocorrelation of scalar diffusors 8-90369
Rezhnev, B.V., Fel'dshteyn, YA.I. Pulses in the B_z component of the interplanetary magnetic field and disturbances in the geomagnetic field 8-73583
Rezhinkin, V.F. *see* Kruchinin, N.A. 8-80819
Reznichenko, L.A. *see* Shilkina, L.A. 8-72768
Reznichenko, N.P. *see* Gubin, V.V. 8-75378
Reznichenko, V.Ya. *see* Brodin, M.S. 8-92119
Reznik, B.L. *see* Burov, V.V. 8-86529
Reznik, L.E., Yudelevich, L.I. The distortion of the shape of quasilines of anisotropic absorption in measurements in unpolarised light 8-94292
Reznik, S.N. *see* Kolesnichenko, Ya.I. 8-94138
Reznikov, B.I. *see* Drobyshchevskii, E.M. 8-71506
Reznikov, I.V. Illumination characteristics of dissector operating in one-electron and current modes 8-58034
Reznikov, I.V. *see* Betokhin, S.S. 8-86333
Reznikov, I.V. *see* Vetokhin, S.S. 8-58038, 8-58039
Reznikov, P.V. *see* Kozlovskii, V.I. 8-59028
Reznitskii, A.N. *see* Verbin, S.Yu. 8-71804
Reznitskii, E.L. *see* Bannykh, O.A. 8-95748
Rezov, A.V. *see* Bunkin, A.F. 8-74945
Rezukhina, T.N., Kashina, T.A. Thermodynamic properties of Fe₃Mo, Fe₂Mo, and FeMoO₃: galvanic-cell measurements using solid-oxide electrolyte 8-61042
Rezunova, O.B. *see* Golubovskii, Yu.M. 8-82030
Rhandour, A. *see* Reau, J.M. 8-79806, 8-91481
Rheault, F. *see* Mitchel, G. 8-82945

- Rhee, J.J.** The expectation value and the variance for the Poisson distribution 8-69943
- Rhee, S.H., Ludema, K.C.** Mechanisms of formation of polymeric transfer films 8-64729
- Rhee, S.J., Dhir, V.K., Catton, I.** Natural convection heat transfer in beds of inductively heated particles 8-71396
- Rhee, S.K.** *see* Chang, H.W. 8-56790
- Rhee, S.K.** *see* Young, C.T. 8-72952
- Rheem Karp Soon** *see* Karp Soon Rheem
- Rhein, U.** *see* Reimer, L. 8-92153
- Rhim, W.K.** *see* Burum, D.P. 8-86307
- Rho, J.H., Stuart, J.L.** Automated three-dimensional plotter for fluorescence measurements 8-58046
- Rho, M.** *see* Kubodera, K. 8-54694
- Rhoades, G.** *see* Durocher, L.L. 8-89313
- Rhoades, J.D.** *see* Frenkel, H. 8-53668
- Rhoades, R.W.** *see* Chalupa, L.M. 8-69052
- Rhoades-Brown, M.** *see* Jackson, D.F. 8-86514
- Rhode, W.S.** Some observations on cochlear mechanics 8-92643
- Rhodenizer, R.L.** *see* Heinrich, J.P. 8-50391
- Rhodenizer, R.L.** *see* Quay, R. 8-50390
- Rhoderick, E.H.** Metal semi-conductor contacts 8-52090
- Rhodes, C.A.** *see* Harrill, M.D. 8-72770
- Rhodes, C.A.** *see* Simpson, T.L. 8-73194
- Rhodes, C.G.** *see* Chesnutt, J.C. 8-60805
- Rhodes, C.K.** *see* Flicker, H. 8-71085
- Rhodes, C.K.** *see* Kligler, D. 8-59003, 8-62775, 8-74887
- Rhodes, C.K.** *see* Pummer, H. 8-50552, 8-58986
- Rhodes, E.** *see* Kulic, E. 8-90997
- Rhodes, J.M.** *see* Dungan, M.A. 8-77209
- Rhodes, S.** *see* Gayer, R.A. 8-61375
- Rhodes, T.R., Bell, K.J.** The Leidenfrost phenomenon at pressures up to the critical 8-90667
- Rhodes, W.T.** Space-frequency conversions for image transmission and processing 8-71046
- Rhodes, W.T.** Noncoherent optical processing with two-pupil hybrid systems 8-74858
- Rhodes, W.T.** One-dimensional to two-dimensional and two-dimensional to one-dimensional mappings in optical signal processing 8-78948
- Rhodin, T.N., Brucker, C.F., Anderson, A.B.** Structure and bonding of acetylene and ethylene on α -iron surfaces at low temperatures 8-84050
- Rhyne, J., Pickart, S., Alperin, H.** Magnetic neutron scattering from amorphous TMFe_2 8-68174
- Rhyne, J.J., Koon, N.C.** Magnetic excitations in HoFe_2 8-68196
- Rhyne, J.J.** *see* Koon, N.C. 8-76234, 8-84408
- Riabii, V.A.** *see* Batanova, T.N. 8-71451
- Riabii, V.A.** *see* Kovaliov, B.M. 8-71508
- Riabii, V.A.** *see* Kulik, P.P. 8-71452
- Riabov, A.N.** *see* Aden, V.G. 8-94086
- Rialland, J.F.** *see* Barrue, R. 8-91371
- Rialland, J.F.** *see* Deprez, J. 8-51717
- Rianda, R.** *see* Frueholz, R.P. 8-62933
- Riande, E.** Dielectric properties of aromatic polyesters: relaxation behavior of poly(die-thylene glycol terephthalate) 8-68447
- Riani, P.** *see* Colle, R. 8-90066, 8-90099
- Riaz, M.** Analytical solutions for single- and two-phase models of packed-bed thermal storage systems 8-91009
- Riba, J.P., Routie, R., Couderc, J.P.** Minimum conditions for fluidization by a liquid 8-75196
- Ribaric, M., Zeks, B.** Antisymmetry of the experimentally determined chemical potential of real gases and Thom's theory of catastrophes 8-91063
- Ribault, M., Benoit, A., Flouquet, J., Chouteau, G.** Low-temperature magnetic properties of the metallic FCC phase of ytterbium 8-64280
- Ribault, M.** *see* Benoit, A. 8-67999
- Ribault, M.** *see* Flouquet, J. 8-88094
- Ribbégard, G.** *see* Cameron, D.G. 8-65984
- Ribeiro, A.** *see* Auzende, J.-M. 8-53632
- Ribeiro, C.A., Brosson, P., Ripper, J.E., D'Olne Campos, M.** Analysis of the frequency modulation of double heterostructure junction lasers 8-83009
- Ribeiro, G.M.** *see* Gonzaga, L.V. 8-91932
- Ribeiro, J.P., Byrne, J.A.** Double focusing crossed field electron spin polarimeter 8-86761
- Ribeiro, R.N., Jr.** *see* Muche, D. 8-81144
- Ribes, M.** *see* Quenzer, A. 8-70370
- Ribinshtein, A.I., Kovarskii, N.Ya., Chernov, B.B.** Distribution of current and potential at the heterogeneous electrodes. I. Electrode surface sections differing in equilibrium potential 8-53221
- Ribitsch, H.** *see* Till, P. 8-55546
- Ribitsch, V., Zipper, P., Schurz, J.** Correction of flow curves by means of a FORTRAN program 8-79394
- Ribko, L.B.** *see* Kurochka, L.N. 8-77536
- Riblet, G., Schmidt, R., Lohyneysen, H.** $T_c(n)$ for Ru-Fe: An example of the concentration dependence of T_c for non-pair-breaking LSF impurities 8-56253
- Rica, I.** *see* Liteanu, C. 8-92549
- Ricard, A.** *see* Brunet, A. 8-86981
- Ricard, J.** Preparation of preshaped crystals by the pendant drop method: application to silicon 8-64466
- Ricca, F.** *see* Dovesi, R. 8-75937
- Riccati, L.** *see* Enriquez, O. 8-82195
- Ricci, F.P., Ricci, M.A., Rocca, D.** Search for size effects in the diffusion of Kr in CF_4 at various densities 8-75859
- Ricci, M.A.** *see* Codastefano, P. 8-67302
- Ricci, M.A.** *see* Ricci, F.P. 8-75859
- Ricci, M.V.** *see* Bruzzese, R. 8-64175
- Riccus, H.D.** Improved metal-insulator-metal point-contact diodes for harmonic generation and mixing 8-88044
- Rice, C.E.** *see* Cotton, F.A. 8-51503, 8-67688, 8-91318
- Rice, C.J.** *see* Sharp, L.R. 8-61636
- Rice, E.J.** *see* Baumeister, K.J. 8-63511
- Rice, J.** *see* Bevan, S. 8-61157
- Rice, J.K.** *see* Woodworth, J.R. 8-58996
- Rice, J.R., Rudnicki, J.W., Simons, D.A.** Deformation of spherical cavities and inclusions in fluid-infiltrated elastic materials 8-51073
- Rice, J.R.** *see* Asaro, R.J. 8-52912
- Rice, J.R.** *see* Houstis, E.N. 8-65756
- Rice, J.R.** *see* Kfour, A.P. 8-56765
- Rice, J.S.** *see* Bahar, L.Y. 8-89958
- Rice, M.J.** *see* Pietronero, L. 8-87935
- Rice, R.** *see* Monigold, G. 8-95619
- Rice, R.R.f. Jackson, J.E., Burkhardt, G.H.** Thermal detuning effects in a standing wave acoustooptic modulator 8-71197
- Rice, R.W.** Microstructure dependence of mechanical behaviour of ceramics 8-88533
- Rice, S.A., Baird, J.K.** Uniform theory of electron kinetics in nonpolar liquids 8-95918
- Rice, S.A., Dolivo, G., Kevan, L.** Optical absorption and photoconductivity spectra of localized electrons in X-irradiated aqueous 10M lithium chloride glasses at 4.2K: support for two types of localized electrons each with overlapping bound-bound and bound-continuum transitions 8-73064
- Rice, S.A.** *see* Allen, J.W. 8-72222
- Rice, S.A.** *see* Bo Ching Lu 8-75821
- Rice, S.A.** *see* Muthukumar, M. 8-90205
- Rice, T.M.** *see* Beni, G. 8-87914
- Rice, T.M.** *see* Huntley, D.J. 8-95265
- Rice, T.M.** *see* Jackson, S.A. 8-67960
- Rice, T.M.** *see* Rose, J.H. 8-51903
- Rice, W.** *see* Truman, C.R. 8-94802
- Rice, W.W.** *see* Oldenborg, R.C. 8-94275
- Rich, A.** *see* Neuman, D. 8-57777
- Rich, J.** *see* Benvenuti, A. 8-82196
- Rich, J.** *see* Boehm, R. 8-80915
- Rich, T.C., Camlibel, I.** A simple optical fiber-to-metal hermetic seal 8-83078
- Rich, T.C.** *see* Benson, W.W. 8-83120
- Rich, T.C.** *see* Karr, M.A. 8-79105
- Richard, A.** *see* Viollier, M. 8-96238
- Richard, J.** *see* Haen, P. 8-80088
- Richard, J.M.** *see* Dover, C.B. 8-66146
- Richard, J.M.** *see* Lacombe, M. 8-70455
- Richard, J.M.** *see* Pham, X.Y. 8-74248
- Richard, P.** *see* Jamison, K.A. 8-62894, 8-94209
- Richard-Serre, C.** *see* Huck, A. 8-74336
- Richardo, P.L.** *see* Nishioka, N.S. 8-65964
- Richards, A.M.** Loudness perception for short-duration tones in masking noise 8-65047
- Richards, B.P.** *see* Murray, R.J. 8-95822
- Richards, D.** *see* Percival, I.C. 8-50649
- Richards, D.A.** Sum and difference frequencies [for teachers] 8-86088
- Richards, E.A., Bergeron, C.G.** Crystal growth of $\text{Bi}_2\text{B}_5\text{O}_{12}$ from its stoichiometric melt 8-72717
- Richards, H.J.** *see* Gibb, O. 8-88869
- Richards, J.A., Huey, R.M.** Performance and application of a fourfold monopole mass spectrometer 8-74093
- Richards, J.C.S., Jason, A.C., Hobbs, G., Gibson, D.M., Christie, R.H.** Electronic measurement of bacterial growth 8-61288
- Richards, L.** *see* Shay, H.D. 8-91132
- Richards, P.** *see* Hegge, F.N. 8-65109
- Richards, P.J.R.** *see* Carson, D.J. 8-61482
- Richards, P.L.** *see* Lambert, D.K. 8-70179
- Richards, P.M.** Correlated hopping conductivity in a general two sublattice structure 8-56140
- Richards, P.M.** Hopping conductivity in a quasi-one-dimensional lattice gas with three-dimensional ordering 8-91473
- Richards, R.E.** *see* Hoult, D.I. 8-86312
- Richards, R.K.** Broadband stable detector for ultraviolet (300-1700 Å) plasma spectroscopy 8-87495
- Richards, R.W., Maconnachie, A., Allen, G.** Temperature dependence of chain dimensions 8-50671
- Richards, R.W.** *see* Maconnachie, A. 8-83753
- Richards, T.A.** *see* Monger, J.W.H. 8-88825
- Richards, W., Purks, S.R.** On random-dot texture discrimination 8-65014
- Richards, W.** *see* Friedman, R.B. 8-56994
- Richards, W.A.** *see* Foley, J.M. 8-56991
- Richardson, D.** *see* Whittle, H.R. 8-62624
- Richardson, D.D.** Use of finite atomic radius in dispersion force calculations 8-51467
- Richardson, D.D.** Changes in diatomic bonding energy due to van der Waals interactions with other atoms 8-95012
- Richardson, D.D.** Van der Waals electron correlation energy in silicon 8-95013
- Richardson, D.D., Mahanty, J.** van der Waals' energy of metals 8-91634
- Richardson, D.M.** *see* Johnson, L.H. 8-53236
- Richardson, F.S.** *see* Faulkner, T.R. 8-58659, 8-76033
- Richardson, F.S.** *see* Riehl, J.P. 8-68545
- Richardson, I.D., Ward, I.M.** Temperature dependence of the Poisson ratios in low-density polyethylene with parallel lamellas morphology 8-84882
- Richardson, I.W., Miekisz, S.** A dynamical field theory for dissipative systems: the hierarchical structure of field thermodynamics 8-73132
- Richardson, J.D.** *see* Korbassoun, A. 8-59333
- Richardson, J.F.** *see* Rowe, P.N. 8-59465
- Richardson, J.H., George, S.M.** Comparison of different experimental configurations in pulsed laser induced molecular fluorescence 8-58045
- Richardson, J.H.** *see* Steinmetz, L.L. 8-79030
- Richardson, J.L., Bander, M.** n-spin correlation functions for the two-dimensional Ising model 8-52296
- Richardson, J.M.** *see* Buck, O. 8-90562
- Richardson, J.R.** *see* Amsler, C. 8-70397
- Richardson, J.R.** *see* Beveridge, J.L. 8-62446
- Richardson, J.T.** Magnetism and catalysis 8-64881
- Richardson, M.C.** *see* Sala, K. 8-63142
- Richardson, M.J.** *see* Brown, I.G. 8-75819
- Richardson, N.V.** *see* Gyorffy, B.L. 8-95683
- Richardson, P.** *see* Forman, D.C. 8-49580
- Richardson, R., Gentle, K.W., Leifste, G.T.** Evolution of multiple electron beams in a toroidal anomalous resistivity experiment 8-83530
- Richardson, R.C.** Some experimental properties of superfluid ^3He 8-59998
- Richardson, R.C.** *see* Halperin, W.P. 8-75904
- Richardson, R.E.** *see* Lenney, W. 8-77129
- Richardson, R.J., Menne, T.J.** Combustor-driven CO laser 8-87065
- Richardson, R.J., Wiswall, C.E.** Combustor-driven CO chemical laser 8-87047
- Richardson, R.J.** *see* Achwal, S.K. 8-81953
- Richardson, R.L.** *see* Kaune, W.T. 8-53587
- Richardson, R.M., Leadbetter, A.J., Carlile, C.J., Howells, W.S.** A very high resolution incoherent quasi-elastic neutron scattering study of the smectic E, B and A phases of deuterio n-butyl 4-(4'-phenylbenzylideneamino)cinnamate (D-BPBAC) 8-75539
- Richardson, R.M., Leadbetter, A.J., Frost, J.C.** The structure of dynamics of the smectic B phase 8-94973
- Richardson, R.M.** *see* Conrad, H.M. 8-79752
- Richardson, R.M.** *see* Leadbetter, A.J. 8-59740
- Richardson, R.W.** *see* Flowers, E.G. 8-51778
- Richardson, S.** Axisymmetric slow viscous flow about a body of revolution whose section is a cardioid 8-55629
- Richardson, S.M., McSweeney, H.Y., Jr.** Textural evidence bearing on the origin of isolated olivine crystals in C2 carbonaceous chondrites 8-53890
- Richardson, S.T.** Some ergodic properties of stopping time transformations 8-89396
- Richardson, T.H., Simons, J.W.** Vibrational energy distributions of reacting $\text{CH}_2(^1\text{A}_1)$ from the 4358, 3660, and 2537 Å photolyses of CH_2N_2 and upon reaction with cyclobutane. A chemical activation study 8-61032
- Richardson, W.C.** *see* Meisels, G.G. 8-80776
- Richardson, W.F., Meese, J.M., Westbrook, R.D.** Photoconductivity null apparatus for the determination of minority carrier lifetime 8-56184
- Richardt, D.** *see* Hinkel, H. 8-64257
- Richartz, A., Bueker, R.J., Peyerimhoff, S.D.** Calculation of the vertical electronic spectrum of propane 8-70810
- Richarz, R., Wuthrich, K.** NOE difference spectroscopy: A novel method for observing individual multiplets in proton NMR spectra of biological macromolecules 8-81091
- Riche, J.** *see* Appel, E. 8-58513
- Richel, H., Albouy, G., Auger, G., Hanappe, F., Lagrange, J.M., Pautrat, M., Roulet, C., Sergolle, H., Vanhorenbeek, J.** On the decay of ^{201}Bi and ^{199}Bi 8-78316
- Richel, H.** *see* Albouy, G. 8-78309
- Richer, H.B.** Evidence for white dwarfs in the globular cluster NGC 6752 8-93233
- Richert, J.** *see* Berlinger, M. 8-50212, 8-70560
- Richman, C.** *see* Rosen, I. 8-53506
- Richman, M.H.** *see* Danforth, S.C. 8-68731
- Richmann, J.W.** *see* Withers, R.S. 8-88660

- Richmann, K.H.** *see* Eggers, F. 8-87213
- Richmond, A.D.** The nature of gravity wave ducting in the thermosphere 8-77378
- Richmond, A.D.** *see* Lyons, L.R. 8-77415
- Richmond, A.D.** *see* Roble, R.G. 8-57385
- Richmond, C.R.** Energy, environment, and health: what can we learn from the nuclear experience? Fourteenth Failla Memorial Lecture 8-80982
- Richmond, P.** *see* Owens, N.F. 8-68934
- Richner, H., Phillips, P.D.** Automatic station for monitoring wind and temperature via a radio link 8-85726
- Richner, H.** *see* Nater, W. 8-57259
- Richter, A., Goedsche, F., Ropke, G.** Functional integral approach for the Hubbard model with arbitrary electron density 8-76219
- Richter, A.** *see* Frey, R. 8-50154
- Richter, A.** *see* Knupfer, W. 8-86521
- Richter, B.** From the Psi to charm. The experiments of 1975 and 1976 8-74297
- Richter, B.** *see* Clark, A.G. 8-89751, 8-89759
- Richter, B.** *see* Goldring, G. 8-66240
- Richter, B.** *see* Grafarend, E. 8-61310, 8-69271
- Richter, B.** *see* Himel, T. 8-78157
- Richter, B.** *see* Peruzzi, I. 8-74252
- Richter, B.** *see* Tannenbaum, W. 8-66113
- Richter, D., Springer, T.** Diffusion of hydrogen in niobium in the presence of [trapping impurities] studied by [neutron spectroscopy] 8-87821
- Richter, D.** *see* Borghini, M. 8-68439
- Richter, E.** Effects of errors in measurements with auto-collimating telescopes 8-77956
- Richter, E.-J.** *see* Bock, M. 8-76068
- Richter, E.S.** *see* Rowlett, J.R. 8-88955
- Richter, F.** *see* Bieger, W. 8-50402
- Richter, F.M.** *see* Mendiguren, J.A. 8-61385
- Richter, F.W.** *see* Fuhs, W. 8-87713
- Richter, G.** TSC-experiments on GaP:Cu 8-91709
- Richter, G.M.** *see* Fritze, K. 8-77609
- Richter, H.** Analytic treatment of a simplified model of thermal desorption in solids 8-63940
- Richter, H., Schoenmackers, J.** Insufficiency, pressure and work losses in artificial heart valves in mitral position 8-88764
- Richter, J.** Electronic structure of amorphous alloys 8-72062
- Richter, J.** Introduction to transport phenomena in concentrated aqueous electrolyte solutions and molten salt mixtures 8-80750
- Richter, J., Schiller, W.** Residual resistivity of disordered systems 8-87954
- Richter, J., Seidel, P.** An analytic expression for the zero-bias offset in the conductance-voltage characteristic of metal-insulator-metal tunnel junctions 8-52102
- Richter, J., Seidel, P.** Theoretical studies to the influence of barrier-inhomogeneities on the behaviour of Josephson junctions 8-91818
- Richter, J.** *see* Haberkorn, W. 8-76195, 8-88079
- Richter, J.** *see* Knauer, H. 8-84361
- Richter, J.** *see* Seidel, P. 8-84360
- Richter, J.** *see* Tasman, H.A. 8-57955
- Richter, J.P.** Fiber optic telemetry system for LLL high voltage test stand 8-54939
- Richter, K.** Countercolour system (GS) and the colour vision equations for arbitrary colour 8-57007
- Richter, K., Gahde, J., Loeschke, I., Kley, G., Robbe, J.** X-ray photoelectron spectroscopic investigation of the fractured surface of copper-polymer composite foil 8-84992
- Richter, K.** *see* Benedict, U. 8-83956
- Richter, K.P.** *see* Millner, R. 8-85349
- Richter, K.-P.** Sound velocity measurement on 6-polyamide fibres 8-75590
- Richter, K.R.** *see* Bonek, E. 8-55389
- Richter, L.** *see* Backe, H. 8-50197, 8-62873
- Richter, L.** *see* Daly, P.J. 8-93964
- Richter, N., Hogner, W.** Surface brightness of compact galaxies 8-93412
- Richter, N., Hogner, W.** Structural investigations in the central part of the Coma Cluster on the base of equidensity diagrams. II 8-93435
- Richter, N.** *see* Bornngen, F. 8-93436
- Richter, P.H.** Astronomical applications of digital image processing 8-81555
- Richter, P.W., Rapoport, E., Clark, J.B.** The In-Bi alloy system at high pressures 8-92238
- Richter, P.W.** *see* Heyns, A.M. 8-60446
- Richter, P.W.** *see* Rapoport, E. 8-52457
- Richter, R., Goedsche, F.** Complex band structure and density of states for a one-dimensional model of transition metal alloys 8-79919
- Richter, R., Goedsche, F., Vojta, G.** Statistical theory of electrical resistivity of magnetic ternary alloys with partial long-range order 8-87969
- Richter, R.** *see* Bienlein, J.K. 8-93894
- Richter, Th.** *see* Steudel, H. 8-86828
- Richter, V.** *see* Burde, J. 8-58567
- Richter, W., Fjeldlv, T., Renucci, J., Cardona, M.** Hydrostatic pressure dependence of the zone-center phonons in group Vb materials: As, Sb, Bi 8-59905
- Richter, W., Haferton, H.** To the glass sampling of simplex variants and of multiplets 8-90484
- Richter, W.** *see* Berger, M. 8-79733
- Richtol, H.H.** *see* Wezel, W.F. 8-90207
- Richton, R.E.** Pressure-broadened linewidths of the R(9,5)₂ NO transition 8-70824
- Rickaby, D.A.** *see* Hamilton, L.H. 8-61223
- Rickards, J.** Quick determination of peak energy and target thickness in backscattering spectra 8-70719
- Rickel, D.** *see* Stevens, R.K. 8-96283
- Rickel, D.G.** *see* Wender, S.A. 8-70445
- Rickerby, D.C.** A method of correcting for the influence of edge failures on fracture data 8-83346
- Rickerby, D.G.** Weibull statistics for a biaxial strength test 8-68798
- Rickerby, D.G.** Further comments on 'Strain-rate-dependent effect of specimen volume on the strength of brittle materials' 8-90726
- Rickert, H.** Solid ionic conductors—a review 8-79795
- Rickert, S.E., Baer, E., Wittmann, J.C., Kovacs, A.J.** Epitaxial crystallization of polyesters on inorganic and organic substrates 8-91565
- Ricketts, M.J.** A search for X-ray emission from Abell clusters and superclusters 8-54091
- Ricketts, M.J.** *see* Watson, M.G. 8-54089
- Rickey, F.A.** *see* Samuelson, L.E. 8-66301
- Rickman, H.** *see* Lagerkvist, C.-I. 8-85907
- Rickman, J.** *see* McCurrie, R.A. 8-91899
- Ricolfi, T., Lanza, F.** The silver and copper freezing points as accurate reference standards for radiation pyrometry 8-57888
- Ricort, G.** *see* Martin, F. 8-58922
- Ridder, D.** *see* Fischer, C.F. 8-74574
- Ridder, J.** *see* Ligtoet, C.M. 8-61232
- Ridder, R.** *see* De Ridder, R.
- Riddle, A.M.** *see* Lewis, R.E. 8-81207
- Riddle, G.H.N.** Method of oxygen processing a field emission cathode 8-64448
- Riddle, G.H.N.** Electrostatic einzel lenses with reduced spherical aberration for use in field-emission guns 8-74831
- Riddle, R.A.J.** *see* Batty, C.J. 8-62578
- Riddle, T.W.** *see* Kalisvaart, M. 8-51400
- Rideau, G.** Noncompletely reducible representations of the Poincaré group associated with the generalised Lorentz gauge 8-70249
- Ridella, S.** *see* Bianco, B. 8-89463
- Rideout, V.L.** A review of the theory, technology and applications of metal-semiconductor rectifiers 8-52089
- Rider, E.E.** *see* Isakov, I.V. 8-71717
- Rider, J.G., Watkinson, K.M.** Ultrasonic measurements of the elastic stiffness constants of oriented polyethylene 8-76690
- Rider, M.J.** *see* Springthorpe, A.J. 8-50803
- Ridge, R.** *see* Fong, J. 8-94008
- Ridge, R.** *see* Hoffmann, G.W. 8-62674
- Ridgeley, A.** *see* Bromage, G.E. 8-67410
- Ridgway, S.T.** *see* Dominy, J.F. 8-93223
- Ridgway, S.T.** *see* Hall, D.N.B. 8-57694, 8-93368
- Ridgway, S.T.** *see* Kleinmann, S.G. 8-57613
- Ridgway, S.T.** *see* Mould, J.R. 8-65617
- Ridler, G.M.** *see* Adams, P.A. 8-85127
- Ridler, P.F.** *see* Adams, P.A. 8-85127
- Ridley, P.J., Jennings, B.R.** Fluorescence polarization changes in electrically oriented solutions of dye-tagged polymers 8-76523
- Ridley, R.H.** *see* Naldrett, A.J. 8-88824
- Ridley, B.** An improved system of biological temperature telemetry 8-57152
- Ridley, B.K.** Multiphonon, non-radiative transition rate for electrons in semiconductors and insulators 8-60503
- Ridley, B.K.** *see* Leach, M.F. 8-60132, 8-60158
- Ridley, H.B.** Comets 8-69753
- Ridley, N., Livesey, D.W.** Factors affecting cavitation during superplastic flow 8-60728
- Ridley, N.** *see* Livesey, D.W. 8-64640
- Ridley, N.** *see* Tunney, R.J. 8-64571
- Ridley, P.A.** *see* Clout, P.N. 8-62676
- Ridolfini, V.P.** *see* D'Amico, A. 8-84313
- Ridou, C.** *see* Chabin, M. 8-75850
- Ridpath, I.** A signalling strategy for interstellar communication 8-61757
- Riecke, G.** *see* Martin, P.J. 8-70917
- Rieckeheer, R.** Reduction of beam hardening in CT 8-80951
- Riede, V., Hoang Xuan Nguyen, Neumann, H., Sobotta, H.** Refractive index of GaS in the far infrared 8-64360
- Riede, V., Sobotta, H.** A simple model for the optical B_u modes in AV-BVI-CVII compounds 8-75747
- Riede, V.** *see* Sobotta, H. 8-51626
- Riedel, E.K.** *see* Domany, E. 8-68241
- Riedel, E.K.** *see* Golner, G.R. 8-68252
- Riedel, E.K.** *see* Wortis, M. 8-68244
- Riedel, H.** Dynamically loaded cracks in strain rate sensitive materials 8-60820
- Riederer, S.J., Pelc, N.J., Chesler, D.A.** The noise power spectrum in computed X-ray tomography 8-53492
- Riedesel, H., Knopfle, K.T., Breuer, H., Doll, P., Mairle, G., Wagner, G.J.** Is there an isoscalar 'giant' quadrupole resonance in ¹²C? 8-78238
- Riedi, P.C.** The distribution of hyperfine fields in two alloys of iron as a function of temperature and pressure 8-91651
- Riedi, P.C.** Anomalous behaviour of GdNi₂ near the Curie point 8-91880
- Riedinger, L.L.** *see* Yates, S.W. 8-50124
- Riedinger, R.** *see* Eggarter, T.P. 8-88247
- Riedl, P.** *see* Pasztor, E. 8-50427
- Rief, H.** *see* Jaarsma, R. 8-50236
- Rieff, W.M.** *see* Foner, S. 8-72345
- Riegart, R.P.** Novel spin test for adherence, wear resistance, and thermal shock of thin films 8-72943
- Riegart, R.P.** 'DID' tester for measuring the presence of ultra-adherence in thin films 8-72944
- Riege, H.** *see* Bloess, D. 8-82552
- Riege, U.** *see* Scheffler, K. 8-51581
- Riegel, D.** *see* Nishiyama, K. 8-51950
- Rieger, P.H.** *see* Copenhaver, W.C. 8-92459
- Rieger, R.** *see* Polke, R. 8-60894
- Riegert, J.P.** *see* Blanc, G. 8-68648
- Riegl, J.** Radiation pattern of diode-laser transmitters 8-55367
- Riegler, G.** *see* Cash, W. 8-93228
- Riehl, D.H.** *see* Baer, D.R. 8-51526
- Riehl, J.P., Richardson, F.S.** Theory of magnetic linearly polarized emission. I. Paramagnetic molecules in a rigid isotropic medium 8-68545
- Riehs, P.** *see* Guyer, H. 8-70449
- Riehs, P.** *see* Lewandowski, Z. 8-70518
- Rieke, G.H.** *see* Kemp, J.C. 8-85899
- Rieke, G.H.** *see* Lebofsky, M.J. 8-54035
- Rieke, G.H.** *see* Thompson, R.I. 8-57636
- Rieke, H.B.** *see* Jischa, M. 8-94719
- Riekell, C., Convert, P., Gobert, G., Lazaro, C.** A spherical sample container for neutron powder diffractometry 8-55786
- Riekell, C.** *see* Wright, C.J. 8-91538
- Riemann, T.** *see* Klein, M. 8-62408
- Riemann, W.** *see* Schindler, J.G. 8-73269
- Riemersma, H.** *see* Litz, D.C. 8-54927
- Rienecker, F.** *see* Ozarski, R. 8-59037
- Rienecker, R.** *see* Storm, E.K. 8-74471
- Riepe, K.B., Jolly, E.L.** High-voltage engineering in the eight-beam system 8-58492
- Riepe, K.B., Kircher, M.J.** Design of the energy storage system for the high energy gas laser facility at LASL 8-55030
- Rieppo, R.** A method for the calculation of the absolute photopeak efficiency values of NaI-detectors with water as the medium in the source 8-78558
- Rieppo, R., Holmberg, P.** Comparison of efficiency values for through-well and well-type NaI-detectors 8-90020
- Riera, A.** *see* Lopez, V. 8-82813
- Riera, A.** *see* Macias, A. 8-82664
- Ries, K., Lather, D., Jannsen, K.-U.** Procedure for the reproducible adjustment of test equipment, utilizing computer-controlled electronics for stepwise adjustment of the test parameters 8-60927
- Rieseberg, H.** *see* Bartel, W. 8-89695
- Riesenberg, L.** *see* Ingling, C.R., Jr. 8-65028
- Riesenkamp, A., Beltowska-Lehman, E.** The electrodeposition and properties of alloys based on Fe, Ni, and Co 8-64488
- Riesgraf, D.A., May, M.L.** Infrared spectra of aluminium hydroxide chlorides 8-74649
- Riess, I., Fibich, M., Ron, A.** Relaxation in spin glasses 8-52281
- Riess, I.** *see* Fibich, M. 8-52280
- Riess, I.** *see* Janai, M. 8-64866
- Riess, I.** *see* Strauss, M. 8-51981
- Riess, J.** Derivation of the macroscopic scale behaviour of the N-particle Schrödinger equation of a superconductor and related systems 8-60242
- Riess, J.G.** *see* Postel, M. 8-51454
- Riessler, W.A.** *see* Worchesky, T.L. 8-55175
- Riester, J.L.** *see* Erriquez, O. 8-82195
- Riesz, P.** *see* Joshi, A. 8-68993
- Riesz, P.** *see* Rustgi, S. 8-68996
- Rietdijk, C.W.** Proof of a retroactive influence 8-70000
- Rietjens, L.H.T.** *see* Borghi, C.A. 8-91166
- Rietsch, E.** Extreme models from the maximum entropy formulation of inverse problems 8-65230
- Rietschel, H.** Superconduction mechanisms at high transition temperatures 8-68105
- Rietschel, H.** A non-local extension of the Gaspard-Gyorffy theory for superconductors 8-80093
- Rieu, J.** *see* Geudon, J.-Y. 8-87681
- Rieutord, E.** *see* Sacadura, J.F. 8-94366
- Riewe, F., Green, A.E.S.** Ultraviolet aureole around a source at a finite distance 8-77320

- Riewe, F.E. *see* Green, A.E.S. 8-66096
- Riewe, F.E. *see* Ueda, T. 8-70459
- Rifert, V.G., Barabash, P.A., Golubev, A.B., Leont'yev, G.G., Chaplinskiy, S.I. Investigation of film condensation enhanced by surface forces 8-75039
- Riga, J., Pireaux, J.J., Caudano, R., Verbist, J.J. A comparative ESCA study of the electronic structure of solid acenes: benzene, naphthalene, anthracene, and tetracene 8-52631
- Riga, J., Tenret-Noel, C., Pireaux, J.J., Caudano, R., Verbist, J.J. Electronic structure of rutile oxides TiO_2 , RuO_2 and IrO_2 studied by X-ray photoelectron spectroscopy 8-52632
- Riga, J. *see* Pireaux, J.J. 8-52630
- Rigal, A., Aleix, G. Stability analysis of some finite difference schemes for the Navier-Stokes equations 8-89346
- Rigamonti, A. Critical dynamics at phase transitions and nuclear relaxation 8-75805
- Rigamonti, A. *see* Borsia, F. 8-68403
- Rigaud, P. *see* Jourdain, J.L. 8-74673
- Rigby, C.J. *see* McClellan, G. 8-81745
- Rigby, F.N. The development of general shell finite elements 8-87274
- Rigby, G.R. *see* Singh, B. 8-83493
- Rigby, M. *see* Monson, P.A. 8-63836, 8-91208
- Rigdahl, M. *see* Kubat, J. 8-72807
- Rigden, J.S. Physics and the sound of music 8-55529
- Riggi, F. *see* Arena, N. 8-74381
- Riggi, F. *see* Fallica, P.G. 8-82324
- Riggin, M. *see* Johns, J.W.C. 8-66566
- Riggs, L.S., Shumpert, T.H. Finite cylindrical scatterer near imperfectly conducting ground 8-71003
- Riggs, W.M. *see* Palmberg, P.W. 8-73108
- Righi, R., Venturi, G. Spin and stability in a nonlinear approach to electrodynamics 8-49682
- Righini, G. *see* Arri, E. 8-89502
- Righini, G.C., Russo, V., Sottini, S. Optical fibres in medicine 8-53540
- Righini, G.C., Russo, V., Sottini, S. Integrated optical circuits in optical communications 8-55467
- Righini, R., Califano, S. Lattice vibrations of crystalline p-chloroaniline 8-56481
- Righini, R., Klein, M.L. Lattice dynamics of solid ammonia 8-75751
- Righini, R. *see* Bokhenkov, E.L. 8-51629
- Rigney, D.A., Glaeser, W.A. The significance of near surface microstructure in the wear process 8-64730
- Rigo, A. *see* Nagel, M. 8-93968
- Rigole, W. *see* Rutgers, A.J. 8-51640
- Rigolot, A. The St. Venant theory of planar elasticity. Logarithmic decrement for the non-homogeneous problem 8-49664
- Rigolot, A. Asymptotic approximation of the flexural vibrations of straight elastic beams 8-51112
- Rigolot, A. Finite displacements and small deformations for straight beams: an asymptotic analysis of the solution at a large distance from the bases 8-90716
- Rigotti, C. Remarks on the modular operator and local observables 8-81793
- Rigrod, W.W. Homogeneously broadened CW lasers with uniform distributed loss 8-55332
- Rihn, W.J., Beckmann, W.J. Characteristics of electromagnetic starters for strong motion accelerographs 8-65396
- Riihimaa, J.J. L-bursts in Jupiter's decametric radio spectra 8-96424
- Riikonen, H., Tiainen, O.J.A. A safety study of the district heating network at a heating and power station using a boiling water reactor 8-62600
- Rij, C. *van see* van Rij, C.
- Rijk, P.P. *van see* van Rijk, P.P.
- Rijke, J.E. *de see* de Rijke, J.E.
- Rijken, T., Signell, P., Burt, T. NN phase shift analysis, K-matrix, and optimal polynomial theory 8-62426
- Rijken, T.A. *see* Nagels, M.M. 8-70346
- Rijkse, W.C. Application of multispectral aerial photographs to soil surveys in New Zealand 8-85728
- Rijsbergen, R. *van see* van Rijsbergen, R.
- Rijsterborgh, H. *see* van Zwieten, G. 8-80942
- Rikabi, A.A. *see* Al Rikabi, A.
- Rikards, R.B. *see* Adamovich, I.S. 8-67030
- Rikitake, T. Classification of earthquake prediction information for practical use 8-57177
- Rikmenspoel, R. The equation of motion for sperm flagella 8-80895
- Rikvold, P.A. Stochastic model for the dynamics of a spin-oscillator coupling system. II. Projection operator approach 8-77813
- Riley, F.L. *see* Campos-Loriz, D. 8-52738
- Riley, F.L. *see* Mayer, M.I. 8-56795
- Riley, F.L. *see* Messier, D.R. 8-56632
- Riley, J.E., Jr. Contamination-free adjustment of pH during trace analysis 8-73094
- Riley, J.J., Metcalfe, R.W., Pao, Y.H. Direct numerical simulation of turbulent flows 8-94743
- Riley, J.M., Poole, G.G. 15-GHz observations of the quasars 3C 270.1 and 3C 275.1 8-93452
- Riley, J.M., Pooley, G.G. The radio structure of 3C 123 at 2.7 and 15 GHz 8-54050
- Riley, J.M. *see* Argue, A.N. 8-93418
- Riley, J.M. *see* Laing, R.A. 8-54067, 8-77613
- Riley, M. *see* Pratt, R.H. 8-62920
- Riley, M.E. *see* Padrick, T.D. 8-63149
- Riley, P.J., Bjork, C.W., Bonner, B.E., Simons, J.E., Wallace, J., Evans, M.L., Glass, G., Hiebert, J.C., Jain, M., Northcliffe, L.C., Cassapakis, C.G. Quasi-elastic charge exchange in $\text{nd} \rightarrow \text{pnn}$ at 800 MeV 8-70389
- Riley, P.J., Bjork, C.W., Newsom, C.R., Kenefick, R.A., Evans, M.L., Glass, G., Hiebert, J., Jain, M., Northcliffe, L.C., Bonner, B.E., Simons, J.E., Stein, N., Cassapakis, C.G. Neutron-induced deuteron production from light nuclei at 800 MeV 8-70534
- Riley, P.J. *see* Bonner, B.E. 8-50173, 8-50174, 8-62445
- Riley, P.J. *see* Glass, G. 8-62437
- Riley, P.J. *see* Hollas, C.L. 8-70384
- Riley, P.W. *see* Little, L.T. 8-54023, 8-65675
- Riley, S.J. *see* Kroger, P.M. 8-73062
- Riley, T.J. *see* Klima, S.J. 8-88597
- Rim, J.M., Lee, K.W. A study on the changes of properties in the process of curing shell mold made of liquid resin 8-60855
- Rimer, A.E., Nissen, J.A., Reynolds, D.E. Characterization and impact of stormwater runoff from various land cover types 8-88852
- Rimini, A. *see* Chirardi, G.C. 8-70056
- Rimini, A. *see* Fonda, L. 8-65871
- Rimini, E. *see* Baeri, P. 8-79789
- Rimini, E. *see* Foti, G. 8-67725, 8-75685
- Rimini, E. *see* Vitali, G. 8-87704
- Rimmer, M.P. Optical design for a holographic scanning system 8-50742
- Rimondi, F. *see* Bozzoli, W. 8-93995
- Rimskii-Korsakov, A.V., Tsukernikov, I.E. Calculation of the directivity pattern of a radiator from near-field sound measurements 8-83149
- Rimsky, A. *see* Meyer, P. 8-55846
- Rin Yang Kyung *see* Kyung Rin Yang
- Rinaldi, S. *see* Blessing, G.V. 8-72386
- Rinaldi, S. *see* Cullen, J.R. 8-52331, 8-68347, 8-84469
- Rinaldi, S. *see* Savage, H.T. 8-68348
- Rinaldi, S. *see* Stern, E.A. 8-51421
- Rinard, P.M. Ghosts in the classroom [TV pictures] 8-81764
- Rinat, A. *see* Dieperink, A.E.L. 8-62522
- Rinaudo, G. *see* Bonazzola, G.C. 8-74402
- Rinaudo, G. *see* Borreani, G. 8-82232
- Rind, D.H., Donn, W.L. Microseisms at Palisades. I. Source location and propagation 8-85495
- Rindby, A. *see* Standzenieks, P. 8-70686
- Rindelhardt, U., Blau, W., Hegenbarth, E., Mager, S. Recovery of low temperature specific heat, resistivity, and coercive force in Fe-Cr-Al alloys 8-63866
- Rinderer, L. *see* Suter, J.M. 8-52153
- Rindi, A. *see* Hewitt, J.E. 8-53538
- Rindone, G.E. *see* Chandan, H.C. 8-80631
- Rindone, G.E. *see* Marlor, R.C. 8-92288
- Rindorf, G. *see* Andersen, J.R. 8-63742
- Rinehart, M.C. Cerenkov counter for spacecraft application 8-86734
- Rinehart, R.E., Garvey, E.T. Three-dimensional storm motion detection by conventional weather radar 8-57360
- Ring, E.F.J. Quantitative medical thermography 8-61280
- Ring, J.W. Vibrational modes of H-bonded chains in liquid and solid HF 8-59873
- Ring, P. *see* Ebert, K. 8-54686
- Ring, P. *see* Egido, J.L. 8-78239
- Ring, P.J. Lecture demonstration of the validity of the rules for finding equivalent resistance and capacitance 8-69938
- Ringel, H.D., Zimmer, E. Simplified preparation of ThO_2 and $(\text{Th,U})\text{O}_2$ fuel kernels 8-86668
- Ringel, J. *see* Brandelik, R. 8-62416
- Ringer, W.A. This vacuum gage was developed twice 8-77926
- Ringwood, A.E. *see* Sinclair, W. 8-53648
- Rinker, G.A., Speth, J. Nuclear polarization in muonic $^{204,206,207,208}\text{Pb}$ in the random-phase approximation 8-94334
- Rinker, G.A., Speth, J. Nuclear polarization in muonic atoms 8-94335
- Rinker, G.A., Steffen, R.M. Higher-order corrections to level energies of muonic atoms 8-62956
- Rinker, G.A. *see* Borie, E. 8-94199
- Rinker, G.A. *see* Speth, J. 8-50142
- Rinker, G.A., Jr. *see* Schaller, L.A. 8-66195
- Rinneberg, H., Menningen, M., Haas, H., Echt, O. Perturbed angular distribution of ^{67}Zn in antiferromagnetic NiO 8-95535
- Rinneberg, H., Semmler, W., Antesberger, G. Trapping of defects at ^{111}In impurities in e^- irradiated Al 8-55892
- Rinnert, H. *see* Ernst, C. 8-62807
- Rinnert, K. *see* Fejer, J.A. 8-77412
- Rino, C.L. *see* Brekke, A. 8-88978
- Riontino, G. *see* Lucci, A. 8-52836
- Riordan, F. The distorted wave Glauber approximation 8-57809
- Rioux, C. *see* Roy, R. 8-62429
- Rioux, C. *see* Slobodrian, R.J. 8-89888
- Rioux, M., Tremblay, R., Belanger, P.A. Linear, annular, and radial focusing with axicons and applications to laser machining 8-66856
- Rioux, M. *see* Belanger, P.A. 8-55421
- Rioux-Damidauf, F. *see* Antoni, B. 8-91135
- Ripa, M. *see* Vana, J. 8-75380
- Ripa, P. Normal Rossby modes of a closed basin with topography 8-73385
- Ripa, P. *see* Bryan, K. 8-73394
- Ripelle, M. Fabre de la *see* Fabre de la Ripelle, M.
- Riper, K.A. *van see* Van Riper, K.A.
- Riparian, A. Contribution to the dynamic study of straight shafts of noncircular cross section loaded by a central rotor 8-63274
- Ripin, B.H. *see* Stamper, J.A. 8-59680
- Ripka, K. *see* Schmidt, C. 8-81958
- Ripley, E.A. *see* Saugier, B. 8-73480
- Ripley, K.L., Oliver, G.C. Development of an ECG database for arrhythmia detector evaluation 8-81018
- Ripley, K.L. *see* Ritter, J.A. 8-81014
- Ripley, S.H. *see* Lowe, D.A. 8-73151
- Ripmeester, J.A., Garg, S.K., Davidson, D.W. Molecular reorientation in solid perchloryl fluoride 8-91969
- Ripmeester, J.A. *see* Sanford, W.E. 8-76335
- Ripoll, D. *see* Marchi, E. 8-85288
- Ripper, J.E. *see* Ribeiro, C.A. 8-83009
- Rippich, C. *see* Bartalucci, S. 8-50037
- Rippich, C. *see* Bienlein, J.K. 8-93894
- Rippo, A.J. Telemedicine: development of a medical treatment system for the world's first deep sea mining ship 8-77147
- Rippon, J.P. *see* White, J. 8-58319
- Riquet, J.P. *see* Tassoni, D. 8-87893
- Ris, V.V. *see* Kanev, S.N. 8-79317
- Risbud, A.C., Joshi, R.S., Sathianandan, K. Vibrational analysis of XY_2Z_2 type of platinum (IV) complexes 8-70812
- Risbud, A.V., Naidu, M.S. Ionisation current growth in carbon-dioxide, nitrogen and their mixtures 8-59541
- Risbud, S.H. Non-ideality and immiscibility in tin oxide-silica glasses 8-75837
- Risbud, S.H. *see* Rao Sanampudi, K. 8-84767
- Risby, T.H. *see* Prescott, S.R. 8-61079
- Risch, L. The influence of surface layers on photorefectance in the exciton region of CdS 8-76489
- Risch, L. Investigation of surface properties of CdS by means of photorefectance in the exciton region 8-95324
- Risen, W.M., Jr. *see* Rouse, G.B., Jr. 8-60435
- Rishbeth, H., Ganguly, S., Walker, J.C.G. Field-aligned and field-perpendicular velocities in the ionospheric F2-layer 8-85760
- Riska, D.O. On meson exchange currents 8-86490
- Riska, D.O. *see* Bertsch, G.F. 8-82390
- Riska, D.O. *see* Epstein, G.N. 8-62436
- Risler, R. *see* Burgi, H.R. 8-94016
- Risley, A.S. *see* Stein, S.R. 8-90439
- Risley, J.S., de Heer, F.J., Kerkdijk, C.B. Electron-transfer cross sections to low-lying excited states of hydrogen in collisions of protons with helium and argon 8-58809
- Risley, J.S., de Heer, F.J., Kerkdijk, C.B. Electron-detachment cross sections to low-lying excited states of hydrogen in collisions of negative hydrogen ions with helium and argon 8-58810
- Rissmann, W.J. *see* Cain, C.A. 8-53444
- Riste, T. *see* Niimura, N. 8-83719
- Rister, W.C. *see* Johnson, W.S. 8-92349
- Ristic, V.M. *see* Zuliani, M.J. 8-66998
- Ristici, E. Accidental birefringence and annealing effects in alkali halide single crystals 8-72483
- Ristici, M. *see* Ciura, A.I. 8-50752
- Ristig, M.L. *see* Clark, J.W. 8-51776
- Ristinen, R.A. *see* Kitching, J.E. 8-74383
- Ristinen, R.A. *see* Kluger, B.M. 8-86479, 8-93993
- Ristori, C. *see* Crancon, J. 8-70497
- Ritchie, B. Calculation of resonant cross sections for multiphoton ionization using very-narrow-bandwidth sources 8-55150
- Ritchie, B. *see* Tambe, B.R. 8-66663
- Ritchie, D.J. *see* Johnson, J.R. 8-58216
- Ritchie, D.S., Mauroyannis, C. Excitation spectrum in quadrupolar systems 8-56278
- Ritchie, D.S., Mauroyannis, C. Absence of ordering in quadrupolar systems of restricted dimensionality 8-89411
- Ritchie, I.G. *see* Cann, C.D. 8-83962
- Ritchie, I.T. *see* Window, B. 8-87111
- Ritchie, J.C. Neutron streaming measurements at an 850-MWe pressurized water reactor and subsequent shielding recommendations 8-70608
- Ritchie, J.C. *see* McHenry, J.R. 8-61461
- Ritchie, J.L. *see* Hegge, F.N. 8-65109

- Ritchie, J.L.** *see* Trobaugh, G.B. 8-85361
Ritchie, J.L. *see* Williams, D.L. 8-73209
Ritchie, R.H., Brandt, W. Projectile-charge dependence of stopping powers 8-79655
Ritchie, R.O. Effects of strength and grain size on near-threshold fatigue crack growth in ultra-high strength steel 8-64704
Ritchie, R.O., Horn, R.M. Further considerations on the inconsistency in toughness evaluation of AISI 4340 steel austenitized at increasing temperatures 8-52982
Ritchie, R.O. *see* Carlson, M.F. 8-92342
Ritchie, S., Godfrey, R.F., Wakefield, B., Newman, D.H. The temperature dependence of degradation mechanisms in long-lived (GaAl)As DH lasers 8-66825
Riter, J.R., Jr. *see* Weiner, E.R. 8-95014
Ritman, E.L. *see* Greenleaf, J.F. 8-92664
Ritschel, M., Mattern, N., Bruckner, W., Oppermann, H., Stover, G., Moldenhauer, W., Henke, J., Wolf, E. Morphology, structure and properties of Nb-, Mo-, W- and Ru-doped VO₂ 8-59823
Ritsema van Eck, H.J. *see* Vinke, R.V.H. 8-85302
Ritsko, J.J., Epstein, A.J., Salaneck, W.R., Sandman, D.J. Surface electronic structure of tetrathiafulvalene-tetracyanoquinodimethane 8-52627
Ritsko, J.J. *see* Nielsen, P. 8-51748
Ritson, A. *see* Brozel, M.R. 8-56104
Rittenberg, A. *see* Bricman, C. 8-66179
Rittenberg, V., Wyler, D. Generalized supral-gebras 8-78106
Rittenberg, V. *see* Nandi, S. 8-58158
Ritter, A.L., Silsbee, R.H. Transmission-electron spin resonance in dilute CuFe alloys 8-68364
Ritter, A.L. *see* Krasicky, P.D. 8-88172
Ritter, D.M. *see* Eggers, D.F., Jr. 8-86868
Ritter, G. *see* Konig, E. 8-80259
Ritter, G. *see* Malz, D. 8-82036
Ritter, H. Physical parameters, present state, past and future evolution of WZ Sge 8-85948
Ritter, J.A., Thomas, L.J., Jr., Ripley, K.L. ARGUS/RT: a microcomputer system for clinical arrhythmia monitoring 8-81014
Ritter, J.A. *see* Clark, K.W. 8-81016
Ritter, J.E., Jr. Engineering design and fatigue failure of fused silica fibres 8-71293
Ritter, J.E., Jr., Coyne, D.C., Jakus, K. Failure probability at the predicted minimum lifetime after proof testing 8-79273
Ritter, J.E., Jr., Wulf, S.A. Evaluation of proof testing to assure against delayed failure 8-84954
Ritter, J.E., Jr. *see* Jakus, K. 8-76732
Ritter, K.J. *see* Sattler, J.P. 8-58688
Ritter, K.J. *see* Worchesky, T.L. 8-55175
Ritter, R. *see* Andresen, K. 8-87312
Ritter, T.J. *see* Morris, D.F.C. 8-76854
Rittich, D. *see* Kalmbach, U. 8-66918
Ritus, A.I. *see* Dmitriyuk, A.V. 8-52573
Ritus, V.I. *see* Lebedev, S.A. 8-94361
Ritz, Ch.P., Hoegge, B.A., Schneider, H. Investigation of a stationary glow discharge HF ion source 8-70221
Ritz, G.P., Wallan, D.J., Morris, M.D. Microprocessor-controlled data acquisition system for pulsed laser spectroscopy 8-86341
Ritze, H.-H. *see* Radloff, W. 8-89560
Rius, G. *see* Gonzaga, L.V. 8-91932
Riva, C.E. *see* Fekke, G.T. 8-69174
Rivas, J.L. *see* Alvarez *see* Alvarez Rivas, J.L.
Rivero, B.E. *see* Castellano, E.E. 8-91311
Rives, J.E., Landau, D.P. Corrections to scaling in the specific heat of several anisotropic antiferromagnets 8-80168
Rives, J.E. *see* Meltzer, R.S. 8-83893
Rivet, J. *see* Manegier-Lacordaire, S. 8-76635
Rivier, M., Pelton, A.D. A new slip-casting technique for the laboratory fabrication of β -alumina and other ceramics 8-84745
Rivier, N. *see* Continente, M.A. 8-64021
Riviere, A.C. *see* Start, D.F.H. 8-59620
Riviere, D., Levy, Y., Imbert, C. Determination of liquid crystal refractive indices from critical angle measurements 8-60413
Riviere, D. *see* Levy, Y. 8-79528
Riviere, J.P. Migration of carbon in an ordered alloy of type B₂: Fe-40 at % Al 8-52868
Riviere, J.P., Eymery, J.P. Production and restoration of defects in Ni₃Cr alloy irradiated with neutrons at liquid hydrogen temperatures 8-87718
Riviere, J.P. *see* Dinhut, J.F. 8-72829
Riviere, M. *see* Oliveros, E. 8-78836
Rivin, M.M. *see* Batalov, Yu.V. 8-55312
Rivkin, A.S. *see* Ivanova, K.F. 8-62195
Rivkin, A.S. *see* Kaganov, M.A. 8-79193
Rivkin, M.N. *see* Abramov, V.V. 8-80476
Rivkin, S.K., Levin, A.Y., Izrailevskii, L.B., Kharitonov, K.G., Pitsyna, V.N. An experimental investigation of the coefficient of dynamic viscosity of heavy water in the supercritical region of parameters of state 8-67845
Rivkind, V.Ya. *see* Markov, V.A. 8-65358
Rivlin, A.M. Fracture mechanism of austenitic steels during creep 8-56756
Rivlin, R.S. *see* Sawyers, K.N. 8-54201
Rivoal, J.C. *see* Parrot, R. 8-52566
Rivoal, M. *see* Baubillier, M. 8-93877
Rivoira, R. *see* Gaudart, L. 8-80040
Rivoire, G. *see* Phu-Xuan, Ng. 8-50867
Rix, C.K. *see* Eley, D.D. 8-76930
Rizea, M. *see* Sandulescu, A. 8-62513, 8-66223
Rizek, J. *see* Sakaev, R.A. 8-89910
Rizhenko, I.A. *see* Merzlyakov, E.I. 8-55550
Rizhov, V.V. *see* Bichkov, Yu.I. 8-59545
Rizk, A. The effects of ion bombarding ground surfaces of stainless steel (EN 58B) in a DC glow discharge in Ar and Ar+O₂ 8-95098
Rizk, A. *see* Holland, L. 8-70141
Riznichenko, Yu.V., Seydizova, S.S., Matasova, L.M. A macroseismic program 8-61583
Rizov, E.F. *see* Zabolotnyi, V.F. 8-96295
Rizunenko, V.I. *see* Pol'skii, A.I. 8-60320
Rizzati, P. *see* De Sabbata, V. 8-73728
Rizzi, A. Numerical implementation of solid-body boundary conditions for the Euler equations 8-90814
Rizzini, E.L. *see* Bendiscioli, G. 8-94002
Rizzo, A., De Blasi, C., Galassini, S., Micocci, G., Teppe, A. One-carrier space-charge-limited currents in solids with two sets of traps distributed in energy: Two particular cases 8-72158
Rizzo, A. *see* Manfredotti, C. 8-84216
Rizzo, F.L. Aspects of layout and problems regarding the construction and engineering of modern nuclear power plants 8-86702
Rizzo, J.E., Halliwell, N.A. Multicomponent frequency shifting self-aligning laser velocimeters 8-87423
Rizzo, T. *see* Mathur, V.S. 8-70272
Rizzoli, P. *see* Malanotte *see* Malanotte Rizzoli, P.
Rjabov, Yu.G. *see* Baranov, D.S. 8-62390
Rjabtschenkov, A.V. *see* Cihal, V. 8-60875
Rno, J.S. *see* Oneda, S. 8-58183
Roach, D.R. *see* Freynik, H.S. 8-54947
Roach, G.F. *see* Kress, R. 8-57751, 8-62168
Roach, G.F. *see* Mooney, J.W. 8-54167
Roach, J. *see* De Roach, J.
Roach, J.F. *see* Grojean, R.E. 8-81442
Roach, W.H. *see* Wescott, E.M. 8-77402
Roache, P.J. A pseudo-spectral FFT technique for non-periodic problems 8-59359
Roath, S., Newell, D., Polliack, A., Alexander, E., Peck-Sun Lin Scanning electron microscopy and the surface morphology of human lymphocytes 8-53599
Roba, G. *see* Gallinaro, G. 8-86383
Robachevskaya, V.I., Ivantsovskii, P.P., Petrova, L.A. Experience in the fabrication and testing of 370-millimeter light-weight silica mirrors 8-57447
Robachevskaya, V.I. *see* Rodkevich, G.V. 8-79100
Robards, A.W. *see* Bald, W.B. 8-57139
Robaye, G., Delbrouck-Habaru, J.M. Study of the ⁷Li(d, α)³He reaction in an incident energy range between 250 and 750 keV with the aid of a reaction chamber specially devised for absolute current measurements 8-78388
Robaye, G. *see* Delbrouck-Habaru, J.-M. 8-70669
Robb, M.A., Theodorakopoulos, G., Csizmadia, I.G. Theoretical Auger energies using a frozen orbital approximation: the S(2p \rightarrow mm') and O(1s \rightarrow mm') Auger spectrum of SO₂ 8-78630
Robb, M.A. *see* Downward, M.J. 8-78610
Robb, M.A. *see* Strausz, O.P. 8-90079
Robb, P.N. Three-mirror telescopes: design and optimization 8-90476
Robb, W.D. The R-matrix method 'application to atoms and ions' 8-58833
Robb, W.D. *see* Berrington, K.A. 8-74558
Robb, W.D. *see* Garstang, R.H. 8-53806
Robbe, J. *see* Richter, K. 8-84992
Robbins, A.H. *see* Gerzof, S.G. 8-65105
Robbins, C.D. *see* Wang, S.P. 8-69206
Robbins, C.H., Wronski, A.S. The effects of hydrostatic pressure on fracture and the ductile-brittle transition in polycrystalline molybdenum 8-60735
Robbins, D., Page, J.B. Resonance Raman scattering and the associated electron-phonon interaction for F centers 8-68519
Robbins, D.J. *see* Cresswell, P.J. 8-95603
Robbins, J.A. *see* Edgington, D.N. 8-61451
Robbins, J.C. Field technique for the measurement of uranium in natural waters 8-85705
Robbins, J.L. *see* Rose, R.L. 8-78458
Robbins, M.F. *see* MacDonald, J.R. 8-70722
Robbins, R.J. *see* Robinson, G.W. 8-58051, 8-86350
Robbins, S. A uniform approach to field quantization 8-93562
Robbins, T.R. *see* Robinson, J.C. 8-77343
Robbins, W.P. Approximate theory of magnetoelastic surface-wave convolution 8-68354
Robel, M. *see* Blocki, J. 8-86501
Robens, E. Errors due to zero uncertainties and buoyancy in the gravimetric measurements of sorption isotherms 8-67905
Roberson, C.W. *see* Molvig, K. 8-67369
Roberson, N.R. *see* Turner, J.D. 8-70533
Roberson, N.R. *see* Weller, H.R. 8-82346
Roberson, R.G.H. *see* Freedman, S.J. 8-78304
Roberton, W.A. *see* Roy, J.L. 8-53616
Robert, C. *see* Berrada, A. 8-52106
Robert, C. *see* Cita, M.B. 8-57294
Robert, C. *see* Desgardin, G. 8-79586
Robert, D. *see* Bonamy, J. 8-74738
Robert, D. *see* Boulet, C. 8-90222
Robert, G. *see* Malugani, J.P. 8-79805
Robert, G. *see* Malugani, J.-P. 8-67854
Robert, J. *see* de Rossi, D. 8-60424
Robert, J.-B. *see* Cogne, A. 8-82751
Robert, J.L., Pistoulet, B., Raymond, A., Aulombard, R.L., Bernard, C., Bousquet, C. New developments in transport phenomena in the presence of medium range disorder: applications to semiconductors 8-56162
Robert, J.L. *see* Aulombard, R.L. 8-80007
Robert, J.L. *see* Pistoulet, B. 8-79994
Robert, K. Three-dimensional boundary layer theory using shell geometrical concepts 8-90815
Robert, M. *see* Pellas, J. 8-67103
Robert, M.C. *see* Gits-Leon, S. 8-91281
Robert, P., Larher, Y. Phase transition in a dense layer of xenon adsorbed on the cleavage face of nickel chloride 8-56040
Robert, W., Funnell, J., Laszio, C.A. Modeling of the cat eardrum as a thin shell using the finite-element method 8-65036
Robert Wu Chung-Yung *see* Chung-Yung Robert Wu
Robert-Tissot, B. *see* Schaller, L.A. 8-66195
Robert-Tissot, B. *see* Schneuwly, H. 8-58874
Robert-Tissot, B. *see* Wohlfahrt, H.D. 8-54679
Roberto, J.B. X-ray studies of fusion-energy neutron damage in Cu 8-51593
Roberto, J.B., Klabunde, C.E., Williams, J.M., Colman, R.R., Jr. Isochronal recovery of high-energy d-Be neutron damage in Cu, Nb, and Pt from 8 to 400K 8-51592
Roberto, V. *see* Masperi, L. 8-93823
Roberto, V. *see* Odorico, R. 8-62355
Roberts, A. Pinal eye and behaviour in *Xenopus tadpoles* 8-64978
Roberts, B. *see* MacDonald, D.D. 8-92388, 8-92391
Roberts, B.L. *see* Batty, C.J. 8-62578
Roberts, B.L. *see* Findlay, D.J.S. 8-50151
Roberts, D.H. 'Non-linear viscoelastic behaviour' 8-59318
Roberts, D.H., Burbidge, E.M., Burbidge, G.R., Crowne, A.H., Junkkarinen, V.T., Smith, H.E. A study of the absorption-line spectra of six high-redshift quasi-stellar objects 8-93449
Roberts, E. *see* Ward, N.I. 8-85562
Roberts, G. The concentration of stress in cladding produced by the expansion of cracked fuel pellets 8-50260
Roberts, G.D., Chadwick, G.A. Terminal solid solubility limits in the Al-Ag₂Al eutectic system 8-76633
Roberts, G.E. *see* Chen, C.T. 8-64234
Roberts, G.G., Keating, B.S., Vincett, P.S., Barlow, W.A. Electroabsorption in disordered solids. II. Anthracene crystals and thin films 8-95590
Roberts, G.G., Vincett, P.S., Barlow, W.A. AC and DC conduction in fatty acid Langmuir films 8-56239
Roberts, G.T. *see* Jones, G. 8-49793
Roberts, H.E. *see* Cooke, D.W. 8-72615
Roberts, J. *see* Marshak, M.L. 8-82245
Roberts, J.B. *see* Biegert, E. 8-93901
Roberts, J.B. *see* Makdisi, Y. 8-78221
Roberts, J.B., Jr. Polarimeters: a summary 8-58516
Roberts, J.C., Powers, J.M., Craig, R.G. An empirical equation including fracture toughness and describing friction of dental restorative materials 8-61283
Roberts, J.E. *see* Leyland, P. 8-93561
Roberts, K.V. *see* Christiansen, J.P. 8-75401, 8-91080
Roberts, L.D. *see* Williamson, D.L. 8-56411
Roberts, M. Oak Ridge TNS program 1976/1977. Integration of engineering reality brings us closer to realizable reactor 8-54975
Roberts, M., Shannon, T.E., Becraft, W.R., Flanagan, C.A., Varljen, T.C. TNS program - the next step in confinement fusion beyond TFTR 8-58414
Roberts, M.W. *see* Carley, A.F. 8-95657
Roberts, M.W. *see* Isa, S.A. 8-56037
Roberts, M.W. *see* McKee, C.S. 8-71998
Roberts, M.W. *see* Matloob, M.H. 8-52635
Roberts, P.E. *see* Pyper, J.W. 8-58090
Roberts, P.G. *see* Carrington, A. 8-70886, 8-74671
Roberts, P.H., Stewartson, K. The effect of finite electrical and thermal conductivities on magnetic buoyancy in a rotating gas 8-57436

- Roberts, P.H.**, Walden, R.W., Donnelly, R.J. Bound states of rotons to impurities in He II 8-55999
- Roberts, P.H.** *see* Donnelly, R.J. 8-55998
- Roberts, P.H.** *see* Hills, R.N. 8-54290
- Roberts, R.E.** *see* Wolynes, P.G. 8-66542
- Roberts, R.G.**, Hwa, R.C., Matsuda, S. Parton recombination model including resonance production 8-82160
- Roberts, R.G.** *see* Hwa, R.C. 8-62373
- Roberts, S.A.** *see* Landee, C.P. 8-68193
- Roberts, T.** *see* Oliver, W.P. 8-89857
- Roberts, T.D.** Make \$1 do the job of \$2 or more in purchasing large instruments. Cooperation via a mobile spectroscopy laboratory[teaching] 8-93502
- Roberts, T.J.**, Kruse, U.E., Edelstein, R.E., Makuchowski, E.J., Meltzer, C.M., Miller, E.L., Russ, J.S., Gobbi, B., Rosen, J.L., Scott, H.A., Shapiro, S.L., Strawczynski, L. Three-ion production on complex nuclei at 23 GeV/c 8-82392
- Roberts, T.J.** *see* DeHaven, C.E., Jr. 8-82244
- Roberts, V.C.** *see* Sainz, A. 8-61234
- Roberts, W.**, Ahlblom, B. A nucleation criterion for dynamic recrystallization during hot working 8-52852
- Roberts, W.O.** *see* Olson, R.H. 8-73459
- Roberts, W.W., Jr.** *see* Lin, C. 8-96528
- Robertshaw, G.**, Estrup, P.J. Kinetics of thermal desorption and thermal conversion of adsorbates: AES studies 8-71959
- Robertson, A.** *see* Kennett, T.J. 8-57861, 8-57862, 8-70103
- Robertson, A.R.** Colorimetry 8-65955
- Robertson, A.S.** *see* Kirby, J.A. 8-66595
- Robertson, A.W.** *see* Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Robertson, B.C.** An evaluation of the triple constant fraction discriminator 8-70708
- Robertson, B.C.**, Malm, H.L. Timing properties of coaxial HPGe detectors 8-50436
- Robertson, B.S.C.** *see* Feast, M.W. 8-96537
- Robertson, C.E.** *see* Landry, M.J. 8-71059
- Robertson, D.E.** Applications of neutron activation analysis for the determination of cobalt, zinc, silver, and arsenic distributions in the Atlantic ocean 8-85745
- Robertson, D.G.C.** *see* El-Kaddah, N.H. 8-85053
- Robertson, D.G.E.** *see* Winter, D.A. 8-80897
- Robertson, D.J.** Absolute calibration of a spinning magnetometer 8-54413
- Robertson, D.S.**, Shaw, N., Young, I.M. A study of crystals in the cadmium oxide-tellurium dioxide system 8-84784
- Robertson, D.S.** *see* Wittels, J.J. 8-69896
- Robertson, G.D.** *see* Pinnow, D.A. 8-66929
- Robertson, G.N.**, Yarwood, J. Vibrational relaxation of hydrogen-bonded species in solution. I. Theory 8-84559
- Robertson, G.N.** *see* Bournay, J. 8-84573
- Robertson, G.N.** *see* Yarwood, J. 8-84560
- Robertson, I.W.H.** *see* Murphree, J.S. 8-77384
- Robertson, J.** Tight binding band structure of PbI₂ using scaled parameters 8-79927
- Robertson, J.** *see* Bordas, J. 8-72545
- Robertson, J.A.L.** The CANDU reactor system: an appropriate technology 8-58338
- Robertson, J.B.** *see* Raju, M.R. 8-85336, 8-85337
- Robertson, J.B.** *see* Williams, J.R. 8-80929
- Robertson, J.M.** *see* de Leeuw, F.H. 8-52321
- Robertson, L.P.** *see* Amsler, C. 8-70397
- Robertson, M.** There's more to seeing in depth than meets the eye 8-77056
- Robertson, M.N.** *see* Brown, J.C. 8-77541
- Robertson, N.R.** *see* Weller, H.R. 8-66279
- Robertson, R.G.H.**, Khoo, T.L. Delayed coincidence techniques with accelerator beams 8-78598
- Robertson, R.G.H.**, Khoo, T.L., Crawley, G.M., McDonald, A.B., Adelberger, E.G., Freedman, S.J. Mass of lowest T=2 state of ¹²C 8-66211
- Robertson, R.G.H.** *see* Benenson, W. 8-78264
- Robertson, S.** Analog data processing circuits for Thomson scattering diagnostic systems 8-87488
- Robertson, S.A.** Isometric folding of Riemannian manifolds 8-77685
- Robertson, W.J.** *see* Lamsa, J.W. 8-54658
- Robeson, L.M.** *see* Noshay, A. 8-91265
- Robichaud, G.G.**, Tulenko, J.S. Core design: fuel management as a balance between in-core efficiency and economics 8-82420
- Robiette, A.G.** *see* Kreiner, W.A. 8-58739
- Robig, G.**, Porstendorfer, J., Ahmed, A. Experimental investigations on the collection efficiencies of spheres for submicron aerosols with regard to washout in the atmosphere 8-81395
- Robig, G.** *see* Ahmed, A. 8-81396
- Robilotta, M.R.**, Wilkin, C. On the pion-deuteron scattering length 8-58306
- Robin, A.** *see* Doussineau, P. 8-79671
- Robin, J.P.** *see* Jarosz, J. 8-67417
- Robin, M.**, Lormand, G., Gobin, P.F. Electrical phenomena related to a martensitic avalanche in a Fe-Ni alloy 8-68691
- Robin, M.** *see* Teisseron, G. 8-60364
- Robin, M.B.**, Kuebler, N.A. Allowed character of the 1900-Å band of borazine 8-74719
- Robin, M.B.**, Kuebler, N.A. Electronic structure and spectra of small rings. VI. Multiphoton ionization spectra of the saturated three-membered rings 8-82803
- Robinette, S.L.**, Small, G.J., Stevenson, S.H. An optical study of the temperature dependent scattering of the a exciton (polariton) of naphthalene 8-72088
- Robins, P.-Y.F.**, de Boer, R.B. On the thermodynamics of pressure solution-interaction between chemical and mechanical forces: a discussion [and reply] 8-57194
- Robins, R.H.** *see* Lees, D.J. 8-76794
- Robinson, A.** *see* Brill, I. 8-81053
- Robinson, A.M.** *see* Santiago, J. 8-51340
- Robinson, A.R.** *see* Thompson, J.C. 8-55614
- Robinson, A.Z.** *see* Beatty, L.G. 8-79183
- Robinson, B.** *see* Corcoran, M.D. 8-70417
- Robinson, B.H.**, Beth, A.H., Crooke, P.S., Dalton, L.R. Approximate methods for the fast computation of EPR and ST-EPR spectra. II. Gaussian preconvolution followed by Runge-Kutta solution of the master supermatrix equation 8-62213
- Robinson, C.J.** The effects of glow discharge treatment on the nucleation of gold on organic substrates 8-75965
- Robinson, C.J.**, Baker, M.A. A simple and inexpensive method of measuring thin film thicknesses 8-89436
- Robinson, D.A.** *see* Chun, K.-S. 8-56971
- Robinson, D.A.H.** *see* English, A.T. 8-56242
- Robinson, D.C.** Tearing-mode-stable diffuse-pinch configurations 8-63578
- Robinson, D.C.**, Wootton, A.J. An experimental study of Tokamak plasmas with vertically elongated cross-sections 8-94931
- Robinson, D.N.** *see* Ellis, J.R. 8-52928
- Robinson, D.N.** *see* Pugh, C.E. 8-66343
- Robinson, D.W.** *see* Bratteli, O. 8-49630, 8-81916
- Robinson, D.W.** *see* Smith, J.H. 8-74897
- Robinson, E.** Hydrocarbons in the atmosphere 8-73468
- Robinson, E.A.** Iterative identification of non-invertible autoregressive moving-average systems with seismic applications 8-81422
- Robinson, E.A.** *see* Aroca, R. 8-66682
- Robinson, E.A.** *see* Gutowski, P.R. 8-53734
- Robinson, E.A.** *see* Silvia, M.T. 8-81425
- Robinson, E.L.** *see* Patterson, J. 8-93259
- Robinson, F.N.H.** *see* Bleaney, B. 8-72422
- Robinson, G.** *see* Werner, M.W. 8-81671
- Robinson, G.W.**, Morris, J.M., Robbins, R.J., Fleming, G.R. Fluorescence and competing events on the picosecond time scale 8-58051
- Robinson, G.W.**, Morris, J.M., Robbins, R.J., Fleming, G.R. Picosecond emission spectroscopy 8-86350
- Robinson, G.W.** *see* Berg, J.O. 8-78705
- Robinson, G.Y.** *see* Chesler, L.A. 8-95826
- Robinson, J.C.**, Robbins, T.R. Dip-domain migration of two-dimensional seismic profiles 8-77343
- Robinson, J.C.**, Shahrokhi, F., Kryter, R.C. Calculation of the scale factor for inference of pressurized water reactor core barrel motion from neutron noise spectral density 8-74450
- Robinson, J.C.**, Shahrokhi, F., Kryter, R.C. Quantification of core barrel motion using an analytically derived scale factor and statistical reactor noise descriptors 8-74451
- Robinson, J.C.** *see* Sheng-Chi Lin 8-62601
- Robinson, J.E.**, Harrison, G.H., McCready, W.A., Samaras, G.M. Good thermal dosimetry is essential to good hyperthermia research 8-64942
- Robinson, J.E.**, Jackson, D.P. Scattering of keV hydrogen and helium ions and neutrals from oxygen covered surfaces 8-95638
- Robinson, J.E.** *see* Yarlagaadda, B.S. 8-67759
- Robinson, J.W.**, Nettles, D. Laser intracavity absorption study of vinyl chloride, ethylene and propylene 8-78835
- Robinson, L.E.** *see* Dickerman, C.E. 8-86607
- Robinson, L.W.** *see* Benenson, W. 8-78264
- Robinson, M.C.** More on alpha-particle emission as a violation of the usual interpretation of quantum mechanics 8-62108
- Robinson, M.E.R.**, Bower, D.I., Maddams, W.F. A study of the C-Cl stretching region of the Raman spectrum of PVC 8-84583
- Robinson, M.T.** *see* Hoffman, T.J. 8-86689, 8-92158
- Robinson, P.D.** *see* Weinhold, F. 8-58611
- Robinson, P.M.**, Murray, M.T. The influence of processing conditions on the performance of pressure diecast automotive components 8-88623
- Robinson, R.D.** A study of type V solar radio bursts. II. A theoretical model 8-53914
- Robinson, R.D.** The emission of Langmuir waves in the solar corona 8-57515
- Robinson, R.L.** *see* Ball, J.B. 8-66306
- Robinson, R.L., Jr.** *see* Hiza, M.J. 8-66622
- Robinson, R.S.** Thirty-centimeter-diameter ion milling source 8-70222
- Robinson, R.S.** *see* Harper, J.M.E. 8-95641
- Robinson, S.R.** On the problem of phase from intensity measurements 8-66768
- Robinson, S.R.** *see* Shinkle, R.S. 8-83022
- Robinson, S.R.** *see* Strautman, W.D. 8-85752
- Robinson, T.B.**, Edwards, V.R.W. Alpha-particle inelastic scattering form factors in the Coulomb-nuclear interference region 8-66288
- Robinson, V.J.** *see* Chandrillake, M.R. 8-95053
- Robinson, W.H.**, Devine, S.D. Comments on 'Strain modulated electron spin resonance of Co²⁺ in MgO: A comparison of extensional and flexural modes' 8-68365
- Robinson, W.H.**, Glover, A.J., Wolfenden, A. Electrical-mechanical coupling of dislocations in KCl, NaCl, LiF, and CaF₂ 8-75676
- Robinson, W.H.**, Smedley, S.I. Piezoelectric method of determining viscosity at 40 kHz 8-95919
- Robinson, W.H.** *see* Tallon, J.L. 8-91445
- Robinson, W.H.** *see* Wolfenden, A. 8-95772
- Robinson, W.R.** *see* Kuwamoto, H. 8-52213
- Robiscoe, R.T.** *see* Drummheller, J.E. 8-69941
- Robiscoe, R.T.** *see* Hight, R.D. 8-55157
- Roble, R.G.**, Richmond, A.D., Oliver, W.L., Harper, R.M. Ionospheric effects of the gravity wave launched by the September 18, 1974, sudden commencement 8-57385
- Roble, R.G.** *see* Perkins, F.W. 8-77403
- Robouch, B.V.** *see* Lozansky, E.D. 8-87567
- Robrock, K.-H.** *see* Rehn, L.E. 8-92289
- Robson, A.E.** A conceptual LINUS fusion reactor 8-58432
- Robson, A.E.** The motion of a low-pressure arc in a strong magnetic field 8-83637
- Robson, A.E.** *see* Sethian, J.D. 8-71524, 8-91114
- Robson, B.**, Hillier, I.H., Guest, M.F. Ab initio SCF-MO calculations on the architectural unit of peptides and proteins 8-96004
- Robson, B.A.** *see* Zeller, A.F. 8-66299
- Robson, J.G.** *see* Graham, N. 8-69097
- Robson, R.M.** *see* Barrett, T.W. 8-96002
- Roca Cortes, T.** *see* Brookes, J.R. 8-93190
- Rocca, D.** *see* Codastefano, P. 8-87591
- Rocca, D.** *see* De Santis, A. 8-54518
- Rocca, D.** *see* Ricci, F.P. 8-75859
- Rocca, U.V.** *see* Ficarra, P.L. 8-70606
- Rocchia, R.** *see* Alberne, F. 8-93107
- Rocchiccioli, J.L.** *see* Billon, D. 8-58490
- Rocci, G.** *see* Desmet, A. 8-61365
- Rocco, P.** *see* Farfaletti-Casali, F. 8-74498
- Rocak, M.** Linearising the Volkov-Akulov model 8-78107
- Rocha-Campos, A.C.** *see* Krauspenhar, E.B. 8-92816
- Roche, C.** Classification methods applied to multispectral data 8-61629
- Roche, C.** Stereomapping, cartography 8-61631
- Roche, C.** *see* Kahn, E. 8-61633
- Roche, G.**, Chavarie, C. Behaviour of shallow fluidized beds around immersed objects 8-91004
- Roche, R.** *see* Lebey, J. 8-68805
- Roche, R.L.** Use of the calculation of integral J₁ 8-67129
- Rochelle, R.W.** *see* Wintz, P.A. 8-61626
- Rochester, L.S.** *see* Prescott, C.Y. 8-89719
- Rochlin, G.I.** *see* Hebel, L.C. 8-54863
- Rock, K.C.** *see* Kaye, M.D. 8-77131
- Rock, S.** *see* Arnold, R.G. 8-62521
- Rock, S.E.** *see* Alper, B. 8-70414
- Rockenbauer, A.**, Abdel-Monem, S.A., Moger, G., Sumegi, L. ESR study of the conformation of nitroxide free radicals 8-62831
- Rockensies, J.W.**, Sue, B., Walls, R. TFTR tritium valve for pulsed gas feed, test results 8-66412
- Rockett, J.A.** *see* McCaffrey, B.J. 8-90871
- Rockett, P.D.** *see* Steel, D.G. 8-55742
- Rockley, M.G.** *see* Devlin, J.P. 8-74948
- Rockliff, N.** Finite amplitude effects in free and forced edge waves 8-79330
- Rockmore, R.**, Goode, P., Kanter, E. Chew-Low model for p-wave pion absorption on two nucleons and low-energy pion-nucleus scattering 8-70567
- Rockmore, R.**, Kamal, A.N. Some rare decay modes of the K meson in the modified baryon-loop model. K_S⁰→π⁰γγ and K_S⁰→π⁰e⁺e⁻ decays 8-70365
- Rockmore, R.**, Kanter, E., Goode, P. P-wave pion absorption on two nucleons and low-energy pion-nucleus scattering 8-78416
- Rockower, E.B.**, Abraham, N.B., Smith, S.R. Evolution of the quantum statistics of light 8-58964
- Rockstroh, J.M.**, Webber, W.R. A new determination of the local interstellar electron spectrum from the radio background 8-93056
- Rockwell, D.**, Naudascher, E. Review-self-sustaining oscillations of flow past cavities 8-94645

- Rockwell, D.A.**, Garrett, D.N. A new system for accurate laser intensity profile analysis 8-59068
- Rocofyllou, E.** *see* Papathanassopoulos, C. 8-63794
- Rod, V.** Combination of resistances to mass transfer between a drop and an ambient liquid 8-83458
- Rodarte, L.** An approximate differential equation to describe leaky aquifer behavior during intermediate and large values of time 8-81242
- Rodarte, L.** Application of the finite element method to the numerical analysis of a leaky aquifer 8-93017
- Rodbro, M.**, DuBois, R., Schmidt, V. L₂-M₂M₂ Auger electron study of collisionally induced alignment for e⁻, H⁺ and He⁺ impact ionisation in atomic magnesium 8-90279
- Rodbro, M.** *see* Bisgaard, P. 8-50525
- Rodchenko, D.A.** *see* Belyi, V.A. 8-53183
- Rodda, J.C.** *see* Day, J.B.W. 8-88866
- Roddatis, V.K.** *see* Batenin, V.M. 8-71595
- Rodder, P.**, Geiser, H. Formation of hydrogen during core melt accidents in nuclear power plants with light water reactors 8-50267
- Roddier, C.** *see* Roddier, F. 8-77971
- Roddier, F.**, Roddier, C., Demarcq, J. A rotation shearing interferometer with phase-compensated roof-prisms 8-77971
- Rode, D.L.** *see* Fischer, B. 8-75948
- Rode, I.** *see* Eyal, Y. 8-82373
- Rode, J.R.**, Gertner, E.R., Andrews, A.M., Cheung, D.T., Tennant, W.E. Liquid phase epitaxial growth of Ga_{1-x}In_xSb on GaSb by stepwise grading 8-72745
- Rode, V.E.** An alternative explanation of the anomalies in the physical properties of Invar alloys 8-88112
- Rode, V.E.**, Finkel'berg, S.A. Displacement of the hysteresis loop of an iron-nickel Invar alloy 8-52312
- Rodeanu, T.** *see* Bunus, F. 8-73117
- Rodeback, G.W.** *see* Crittenden, E.C., Jr. 8-85695
- Rodel, R.** *see* Bockmann, K. 8-93912
- Rodel, R.** *see* Idschok, U. 8-93908
- Roder, H.** New phase transition in oxygen discovered 8-87786
- Roder, H.M.** The molar volume (density) of solid oxygen in equilibrium with vapor 8-93656
- Roder, M.** On the radiation stability of some liquid crystals 8-85184
- Roder, W.** *see* Malberg, H. 8-85727
- Roderick, N.F.** *see* Fachl, R.J. 8-67382
- Roderick, N.F.** *see* Hussey, T.W. 8-83605
- Rodger, C.D.** *see* Kuroda, R. 8-74725
- Rodgers, D.N.** *see* Roy, P. 8-58355
- Rodgers, E.B.** *see* Shenk, W.E. 8-92921
- Rodgers, J.E.** *see* Sternheimer, R.M. 8-58606
- Rodgers, M.A.J.** *see* Chandratillake, M.R. 8-95053
- Rodgers, M.J.** *see* Dyson, B.F. 8-60825
- Rodgers, R.S.** *see* Dwyer, D.J. 8-49942
- Rodgi, S.S.** *see* Sindagi, S.S. 8-69380
- Rodi, W.** *see* Ching-Jen Chen 8-90905
- Rodi, W.** *see* Hosel, W. 8-83510, 8-86242
- Rodi, W.** *see* McGuirk, J.J. 8-63499
- Rodi, W.** *see* Rastogi, A.K. 8-51154
- Rodichev, Yu.M.**, Okhrimenko, G.M., Kashtalyan, Yu.A. Determining Young's modulus in technical glasses and sials 8-83867
- Rodier, N.** *see* Julien, R. 8-79576
- Rodier, N.** *see* Toffoli, P.P. 8-63703
- Rodiere, J.** *see* Polaert, R. 8-49917
- Rodig, M.**, Kleist, G., Nickel, H. J-integral measurements for a reactor graphite 8-84999
- Rodigin, N.M.** *see* Sandovskii, V.A. 8-53105
- Rodin, A.V.**, Solyar, V.P., Zemtsov, Yu.K. Computer simulation of streamer propagation at breakdown in xenon 8-67591
- Rodin, A.V.**, Zemtsov, Yu.K. Electron energy distribution function for copper vapour 8-71091
- Rodin, V.I.** *see* Leonidov, N.B. 8-88210
- Rodionov, A.A.** *see* Egorov, A.I. 8-58234
- Rodionov, A.V.** *see* Lashtunov, Yu.P. 8-73378
- Rodionov, D.P.** *see* Vinokurova, L.I. 8-60280
- Rodionov, N.B.** *see* Oraevskii, A.N. 8-50761
- Rodionov, N.F.** *see* Molchanov, A.A. 8-53761
- Rodionov, S.A.** On the description of optical surfaces in computer programs 8-74963
- Rodionov, S.A.** Vectorial representation of astigmatism due to cylindricity of optical surfaces 8-87121
- Rodionov, V.B.** *see* Kaibyshev, O.A. 8-51549
- Rodionov, V.E.** *see* Glinchuk, K.D. 8-84645
- Rodionov, V.N.** *see* Ternov, I.M. 8-49998
- Rodionov, Yu.L.** *see* Edneral, A.F. 8-68703
- Rodionov, Yu.L.** *see* Gruzin, P.L. 8-84942
- Rodionova, M.S.** *see* Baigozin, A. 8-59107
- Rodkevich, G.V.**, Robachevskaya, V.I. Possibilities of reducing the mass of large, precision mirrors 8-79100
- Rodkiewicz, C.M.** *see* Kalita, W. 8-79380
- Rodmacq, B.**, Picuch, M., Marchal, G., Mangin, Ph., Janot, C. A new magnetic material: The amorphous Fe₈₀Sn₂₀ alloys 8-95489
- Rodono, M.** Flare active binary systems. EQ Peg and its brighter companion BD+195116 A 8-61868
- Rodrigue, G.P.** Microstructure and ferrites 8-88548
- Rodrigues, A.R.D.** *see* Hart, M. 8-75493
- Rodriguez, C.** Comments about the habit planes for the SIM $\gamma \rightleftharpoons \beta'$ transformation in Cu-Al-Ni alloys 8-56640
- Rodriguez, J.** *see* Paez, R. 8-68358
- Rodriguez, J.M.** *see* King, D.L. 8-63058
- Rodriguez, L.F.**, Chaisson, E.J. Broad-line H94 α emission from the extended thermal component in the Galactic Centre 8-77598
- Rodriguez, S.** *see* Resca, L. 8-67952, 8-79942, 8-84147, 8-84148
- Rodriguez S.J.**, L. Prediction of thermodynamic properties for binary, ternary and quinary gas mixtures 8-83512
- Rodriguez-Camino, E.** *see* Gonzalez-Gascon, F. 8-54159
- Rodriguez-Gomez, J.** *see* Chela-Flores, J. 8-78063
- Rodriguez-Nunez, J.** *see* Chela-Flores, J. 8-78063
- Rodriguez-Trelles, F.** *see* Banuelos, A. 8-50648, 8-87001
- Roduner, E.**, Percival, P.W., Fleming, D.G., Hochmann, J., Fischer, H. Muonium-substituted transient radicals observed by muon spin rotation 8-74678
- Roduner, E.** *see* Percival, P.W. 8-88653
- Rodwell, W.R.**, Carlsen, N.R., Radom, L. Theoretical studies of the effect of electron correlation on the geometry and barriers to internal rotation in hydrogen peroxide 8-70751
- Rodwell, W.R.** *see* Kinnersly, S.R. 8-66648
- Rodwell, W.R.** *see* Luchese, R.R. 8-55126
- Roe, B.P.** *see* Bell, J. 8-54625, 8-93872, 8-93873
- Roe, D.B.**, Meyer, H., Ikushima, A. Sound propagation in ³He-⁴He mixtures near the superfluid transition 8-79848
- Roe, D.C.**, Marshall, A.G., Smallcombe, S.H. Dispersion versus absorption: analysis of line-broadening mechanisms in nuclear magnetic resonance spectrometry 8-89512
- Roe, D.C.** *see* Marshall, A.G. 8-89511
- Roe, D.K.** Analytical electrochemistry: theory and instrumentation of dynamic techniques 8-85215
- Roebuck, B.** *see* Almond, E.A. 8-85087
- Roeder, D.**, Witherspoon, W.D. Palinspastic map of east Tennessee 8-65295
- Roeder, D.**, Yust, W.W., Little, R.L. Folding in the Valley and Ridge province of Tennessee 8-65292
- Roeder, D.L.** *see* Amols, H.I. 8-53508
- Roeder, M.**, Fricke, U., Neuert, H. Excitation of Li-atoms by chemiluminescence reactions of Li with SF₆ and CF₂Cl₂ 8-92485
- Roeder, R.C.** *see* Boksenberg, A. 8-96540
- Roeder, R.C.** *see* Lake, K. 8-61881, 8-70030
- Roederer, J.G.** On the relationship between human brain functions and the foundations of physics, science, and technology 8-73823
- Roedhammer, P.**, Gmelin, E. Lattice specific heat and phonon anomalies in cubic transition metal nitrides 8-83867
- Roedhammer, P.**, Reichardt, W., Holtzberg, F. Phonon anomalies in yttrium sulfide 8-59901
- Roehrig, H.**, Nudelman, S., Capp, M.P., Frost, M.M. X-ray image intensifier video system for diagnostic radiology. I. Design characteristics 8-69209
- Roehrig, H.** *see* Frost, M.M. 8-69208
- Roehrig, H.** *see* Seeley, G.W. 8-73234
- Roeland, L.W.**, Muller, F.A. Conduction electron polarization and high-field magnetization of a terbium single crystal 8-72332
- Roeland, L.W.**, Touborg, P. High-field magnetization of rare-earth ions in scandium 8-56292
- Roeland, L.W.** *see* Arko, A.J. 8-75985
- Roelands, F.F.**, Van De Vondel, D.F., Van Der Kelen, G.P. An ab initio study of the electronic structure of SiH₄, SiH₃F and SiH₂F₂ 8-94195
- Roelfsema, K.E.**, Den Hartog, H.W. Electric field effect of EPR spectra of cubic impurities in SrCl₂ 8-68361
- Roellig, M.P.**, Houston, P.L. Photodissociation of CF₃NO: observation of NO ($v=1$) 8-74712
- Roelofs, R.** *see* Wilkerson, L.S. 8-96111
- Roemer, E.** *see* Marsden, B.G. 8-73682, 8-73683
- Roepstorff, G.** Bounds for a Bose condensate in dimensions $v \geq 3$ 8-54294
- Roesch, L.** *see* Lafond, C. 8-60681
- Roesch, L.Ph.** *see* Brandle, H. 8-82317
- Roesler, F.L.** *see* Fonck, R.J. 8-70205
- Roesler, H.**, Paeslack, W. Manipulators for tetra-plegics in adapted environments 8-53581
- Roessler, D.M.**, Gregson, V.G., Jr. Reflectivity of steel at 10.6- μ m wavelength 8-55393
- Roessler, D.M.**, Swets, D.E. Photoluminescence in nitrogen-doped gallium arsenide phosphide (GaAs_{1-x}P_xN) for 0.6 < x < 1 8-52546
- Roessler, D.M.** *see* Faxvog, F.R. 8-88911
- Roethe, A.** *see* Langer, G. 8-75200
- Roethe, K.-P.** *see* Langer, G. 8-75200
- Roether, W.**, Kromer, B. Field determination of air-sea gas exchange by continuous measurement of radon-222 8-73534
- Roether, W.** *see* Dreisigacker, E. 8-65345
- Roether, W.** *see* Hahne, A. 8-73405
- Roetti, C.** *see* Dovesi, R. 8-75937
- Roewe, D.**, Liou, K.-N. Influence of cirrus clouds on the infrared cooling rate in the troposphere and lower stratosphere 8-73455
- Rogachev, A.A.** *see* Altukhov, P.D. 8-88362
- Rogachev, A.A.** *see* Asnin, V.M. 8-68057, 8-80025, 8-87993
- Rogachev, V.G.** *see* Zhidov, I.G. 8-83410
- Rogal', V.F.**, Grach, P.K. Characteristics of a halogen leak detector with a jet probe 8-89490
- Rogal'skii, F.B.**, Samoilenko, Yu.I. Construction of nonlinear plasma oscillations model from statistical data and its application to control system 8-83560
- Roganova, Z.A.** *see* Kuznetsov, N.A. 8-71666
- Rogashkov, S.A.** *see* Rogashkova, A.I. 8-75370
- Rogashkova, A.I.**, Rogashkov, S.A. The role of HF modulation for the formation of a beam plasma discharge without magnetic field 8-75370
- Rogbard, G.** *see* Kalifa, J. 8-78265
- Roger, A.**, Maystre, D., Cadilhac, M. On a problem of inverse scattering in optics: the dielectric inhomogeneous medium 8-58914
- Roger, M.** *see* Lemmens, M. 8-81228
- Rogers, A.E.E.** *see* Wittels, J.J. 8-69896
- Rogers, A.H.** *see* Alam, M.S. 8-66167
- Rogers, A.M.**, Perkins, D.M., McKeown, F.A. A preliminary assessment of the seismic hazard of the Nevada Test Site region 8-65189
- Rogers, D.E.** *see* Darcy, M.G. 8-74092
- Rogers, D.R.** *see* Seabaugh, P.W. 8-82445
- Rogers, G.L.** Safelight for Agfa 10E75 and 8E75 plates 8-74087
- Rogers, G.L.** *see* Bolton, C.T. 8-53951
- Rogers, H.C.** Fracture initiation and propagation during strip drawing 8-64663
- Rogers, H.C.**, Brenneman, W.L. The role of texture on prestrain embrittlement in Armco iron 8-60796
- Rogers, J.G.** *see* Beveridge, J.L. 8-62446
- Rogers, J.G.** *see* Goulding, C.A. 8-74540
- Rogers, J.G.** *see* McCamis, R.H. 8-74363
- Rogers, J.J.W.**, Greenberg, J.K., Fullagar, P.D., Ghuma, M.A., Nagy, R.M. Plutonism in Pan-African belts and the geologic evolution of northeastern Africa 8-65305
- Rogers, J.W., Jr.** *see* Parrott, S.L. 8-92502
- Rogers, K.F.** *see* Yates, B. 8-95164, 8-95165
- Rogers, L.B.** *see* Conaway, J.E. 8-88665
- Rogers, L.B.** *see* Semonian, B.P. 8-73092
- Rogers, M.T.** *see* Shaw-Guang Huang 8-76330
- Rogers, P.H.**, Van Buren, A.L. New approach to a constant beamwidth transducer 8-90616
- Rogers, P.S.** *see* Maries, A. 8-95739
- Rogers, R.R.** *see* Fergusson, A. 8-73490
- Rogers, S.C.** *see* Legon, A.C. 8-70818
- Rogers, S.J.** *see* Landers, P.C. 8-57930
- Rogers, V.C.** Radiological criteria for the phase II inactive mill tailings program 8-82480
- Rogers, V.C.** Migration of radionuclide chains in groundwater 8-85616
- Rogers, W.J.**, Boyd, C.N., Russell, R.O., Jr., Rackley, C.E., Wixson, S.E. On-line computerized assessment of coronary sinus blood flow by thermodilution 8-81024
- Rogers, W.T.**, Boring, J.W., Johnson, R.E. Scattering of He²⁺ from N₂; comparison of He²⁺+N₂ with He²⁺+Ne and Ar 8-74732
- Rogerson, J.B., Jr.** *see* Lamers, H.J.G.L.M. 8-65613
- Rogerson, J.E.** *see* Jacobs, V.L. 8-87430
- Rogerson, R.J.** *see* Eyles, N. 8-61441
- Roginskaya, Yu.E.** *see* Galyamov, B.Sh. 8-59803, 8-91735
- Roginskii, S.L.** Conditions of the monolithicity of oriented fiberglass composites 8-67044
- Roginskii, S.L.** *see* Kanovich, M.Z. 8-64578
- Rogister, A.** *see* Gillet, C. 8-59588
- Rogl, P.** The crystal structure of ThBC 8-55853
- Rogl, P.** New ternary borides with YCrB₄-type structure 8-79584
- Rogler, H.** Free-stream vorticity disturbances adjusting to the presence of a plate. A quarter-plane problem 8-59406
- Rogler, H.** The interaction between vortex-array representations of free-stream turbulence and semi-infinite flat plates 8-90842
- Rognebakke, A.** *see* Erriquez, O. 8-82195
- Rogoff, P.** Stress and deflection analysis of the PLT-coil using ANSYS computer code 8-50356
- Rogoff, P.**, Bialek, J., Brown, G.M. Multilayer coil structures analyzed by laminated beam theory 8-55011
- Rogov, E.V.** *see* Bondarenko, L.N. 8-93879

- Rogov, V.I.** *see* Andreev, V.N. 8-74413
- Rogovin, D.**, Scully, M. Coherence in the AC Josephson-Fiske effect 8-88082
- Rogowska, J.M.** Potential energy of rare gases adatoms on alkali halide crystals 8-67902
- Rogowski, D.** *see* Tu Chen 8-67935
- Rogowski, D.A.** *see* Tu Chen 8-68304
- Rogowski, R.S.**, Bair, C.H., Wade, W.R., Hoell, J.M., Copeland, G.E. Infrared vibration-rotation spectra of the ClO radical using tunable diode laser spectroscopy 8-58679
- Rogozhin, A.A.** *see* Galunov, N.Z. 8-92126
- Rogozhin, V.M.**, Teskin, O.I., Kudinov, V.V. Investigation into laws governing filling of area of metallisation spot by particles during sputtering 8-52668
- Rogula, D.** Forces in material space 8-63765
- Rogulenkova, V.N.** *see* Yesipova, N.G. 8-81087
- Roh, W.B.**, Schreiber, P.W. Pressure dependence of integrated CARS power 8-59081
- Rohark, G.**, Schmitt, H., Schollmeyer, H. Core rod drive for gas-cooled reactors 8-54837
- Rohatgi, V.K.** *see* Jayakumar, R. 8-51353
- Rohatgi, V.K.** *see* Vijayan, T. 8-89587
- Rohde, D.F.** *see* Reeves, C.R. 8-66971
- Rohde, O.** *see* Bloor, D. 8-70981
- Rohde, R.W.** *see* Swearingen, J.C. 8-92293
- Rohde, S.M.**, McAllister, G.T. Some representations of variations with application to optimization and sensitivity analysis 8-77674
- Rohde, S.M.**, McAllister, G.T. Optimization of elastohydrodynamic contacts 8-79288
- Rohde, U.** *see* Breit, A. 8-85369
- Rohde, W.G.** Digital image analysis techniques required for natural resource inventories 8-96326
- Rohl, S.** *see* Berinde, A. 8-82830
- Rohlack, D.** *see* Alqasmi, R. 8-53235
- Rohleder, J.W.** *see* Jakubowski, B. 8-76407
- Rohlens, K.**, Perina, V. Low frequency ion acoustic instability in the positive column of a d.c. discharge 8-67335
- Rohlens, K.**, Perina, V. Exact solution of ion sound dispersion equation for low frequency waves in the positive column of a DC discharge 8-75307
- Rohler, R.**, Krusche, R., Marangos, J. Holography with chromogen developed photographic emulsions 8-55319
- Rohler, R.**, Sieger, C. Analysis of asymmetrical membrane vibrations by holographic interferometry 8-66786
- Rohls, K.** *see* Braunsfurth, E. 8-57637
- Rohmann, W.** Light scattering in glasses with metastable phase separation 8-84598
- Rohozinski, S.G.** The oscillator basis for octupole collective motion in nuclei 8-70470
- Rohr, D.L.** *see* Hecker, S.S. 8-64637
- Rohr, K.** Interaction mechanisms and cross sections for the scattering of low-energy electrons from HBr 8-58822
- Rohr, K.R.**, Rooney, J.A. Effect of ultrasound on a bilayer lipid membrane 8-77082
- Rohr, W.** *see* Kramer, M. 8-88751
- Rohrbach, R.**, Stein, E., Wriggers, P. Comparison of the Runge-Kutta-Nystrom method and the Newmark-method for integration in non-linear dynamic systems 8-87273
- Rohrbasser, C.** *see* Cuoni, B. 8-60443
- Rohrbeck, W.**, Jutner, B. On the behaviour of carbon fibre cathodes in vacuum discharges 8-75462
- Rohrer, H.** Resonant NMR enhancement near magnetic phase transitions 8-76265
- Rohrer, H.**, Gerber, C. Crossover effects near the spin-flop multicritical point 8-68245
- Rohrer, U.**, Falge, H.J., Brandmuller, J. Raman investigation of the phase transition in solid cyclohexane 8-56480
- Rohringer, H.**, Fry, J.R., Muirhead, H., Kakoulidou, M., Sakelou, L., Zachos, K., Grammatikakis, G., Simopoulou, E., Tsilimigras, T., Vayaki, A., Dallman, D.P., Markytan, M. Strangeness and baryon number flow in K⁺p interactions at 8.25 GeV/c 8-74277
- Rohringer, H.** *see* Michaelidou, C. 8-93904
- Rohringer, H.** *see* Otter, G. 8-82251
- Rohrlich, F.** Relativistic Hamiltonian dynamics 8-62070
- Rohrs, H.** *see* Mihelcic, D. 8-73535
- Rohsenow, W.M.** *see* Han, J.C. 8-87233
- Rohsenow, W.M.** *see* Singh, A. 8-90654
- Rohwer, A.B.** *see* Sngiolo, J.B. 8-57449
- Roiesnel, C.** *see* Pham, T.N. 8-78155
- Roife, I.M.**, Vasilievskii, M.A., Seredenko, E.V. Experimental results on the dynamic stabilization of toroidal discharges in weak longitudinal magnetic fields 8-87476
- Roikh, I.L.**, Koltunova, L.N., Veitsman, M.G., Birman, Ya.N., Skosarev, A.V., Kogan, I.S. Investigation of fretting-corrosion of vacuum-chromized titanium alloy VT3-1 in a couple with unprotected alloy BT3-1 and steel 40KhNMA 8-56804
- Roinel, Y.** *see* Abragam, A. 8-88226
- Roinel, Y.** *see* Bouffard, V. 8-62214
- Roinishvili, V.N.** *see* Antipov, Yu.M. 8-62581
- Roitburd, A.L.** Thermodynamics of formation of polysynthetic phases in a stress field 8-67808
- Roitburd, I.A.**, Bilik, Yu.Z., Maslyannikov, F.E., Chernobel'skii, A.A., Furman, M.V., Astaf'ev, A.A., Shuvalov, A.P., Slutskaya, M.Z., Geller, A.Ya. The DT-4 inspection unit for inspecting petroleum pipe 8-76814
- Roitburd, I.A.** *see* Bilik, Yu.Z. 8-56866
- Roithurd, A.L.** *see* Kosenko, N.S. 8-52804
- Roitman, L.Kh.**, Voronchikhina, T.I., Rabek, R.A. Wear resistance of broaching bits in relation to boring and heat treatment 8-85051
- Roitman, V.I.** *see* Zakhvatikhata, K.V. 8-53079
- Roizen, L.I.**, Rubin, I.R., Makedonskaya, L.N. Heat transfer during boiling of a fluid on circumferential fins 8-59272
- Rojo, J.M.** *see* Tagle, J.A. 8-92150
- Rokhlenko, D.A.** *see* Sokol, V.A. 8-52730
- Rokhlov, N.I.** *see* Sedunov, V.K. 8-95830
- Rokityanskii, I.I.** *see* Bur'yanov, V.B. 8-85511
- Rokni, M.**, Jacob, J.H., Mangano, J.A. Absorption in Ne- and Ar-rich XeF⁺ laser mixtures 8-63062
- Rokni, M.**, Mangano, J.A., Jacob, J.H., Hsia, J.C. Rare gas fluoride lasers 8-71083
- Rokni, M.** *see* Jacob, J.H. 8-74892
- Rokni, M.** *see* Srivastava, B.N. 8-66802
- Roko, K.**, Yoshizaki, A., Shiraha, M., Takitani, K. Dryout characteristics at low mass velocities in a vertical straight tube of a steam generator 8-90990
- Roksandic, M.M.** Seismic facies analysis concepts 8-96151
- Roland, G.W.** *see* Braginski, A.I. 8-52174, 8-95698
- Rol'bin, Yu.A.**, Feigin, L.A., Shchedrin, B.M. Solution of the collimation problem for the case of finite slit width in small-angle scattering 8-79500
- Roldugina, N.M.** *see* Fel', N.S. 8-58877
- Rollett, E.L.** *see* Hecht, H.S. 8-61246
- Rolfe, R.** *see* Fong, J. 8-94008
- Rolfe, R.** *see* Hoffmann, G.W. 8-62674
- Rolfs, C.** *see* Trautvetter, H.P. 8-57545
- Roli, J.**, Food, P.R. A simple method for the determination of thickness and grain size of deposited films as used on non-conductive specimens for scanning electron microscopy 8-77170
- Roli, J.** *see* Saetersdal, T.S. 8-53593
- Rolicz, P.** Temperature and stresses in a cylindrical conductor with an alternating current 8-82875
- Roll, H.** Determining particle size and distortion moments from Debye-Scherrer line profiles 8-62182
- Roll, H.**, Boschan, J., Manh, N.D. Investigation of the X-ray distribution function of dislocations 8-63767
- Roll, U.**, Ewert, S., Luth, H. Metal-ligand and π singlet-triplet transitions in phthalocyanine films studied by inelastic electron tunneling spectroscopy 8-90252
- Rolland, J.** *see* Vigouroux, B. 8-80218
- Rolland, R.** *see* Beaussier, J. 8-61698
- Rollgen, F.W.**, Ott, K.H. Ionization of unipolar molecules by alkali ion attachment on the surface of electrolytic solutions exposed to high electric fields [an ion source] 8-65998
- Rollgen, F.W.** *see* Weber, R. 8-56946
- Rollier, M.** *see* Alibrán, P. 8-50026
- Rollier, M.** *see* Erriquez, O. 8-82195
- Rollins, F.R.**, Jr. Ultrasonic analysis of bolt preloads 8-53174
- Rollo, F.D.** *see* Johnson, R.F., Jr. 8-73226
- Rolnick, W.B.** Two-dimensional quantum chromodynamics in four-dimensional world 8-78081
- Rolov, B.N.** *see* Madzhulis, I.Ya. 8-52458, 8-80297
- Romain-Riviere, M.** *see* Botter, R. 8-92572
- Roman, R.** *see* Oprea, Fl. 8-85133
- Roman, S.** The physics of black holes 8-77574
- Roman, S.**, Basak, A.K., England, J.B.A., Nelson, J.M., Sanderson, N.E., Santos, F.D., Eiro, A.M. ³He D-state effects in (d, ³He) reactions 8-54769
- Romana, A.** *see* Corden, M.J. 8-62470
- Romanchenko, V.I.**, Stepanov, G.V., Astanin, V.V., Ryabov, V.R., Kirpatyi, V.A. Determining the strength of joints in materials in impulse loading 8-84943
- Romand, M.**, Roubin, M., Deloume, J.-P. X-ray photoelectron emission studies of mixed selenides AgGaSe₂ and Ag₂GaSe₃ 8-52620
- Romand, M.**, Roubin, M., Deloume, J.P. ESCA studies of some copper and silver selenides 8-56561
- Romanek, K.M.** *see* Hildebrand, O. 8-84244
- Romanenko, A.A.** *see* Gorbatenko, V.E. 8-53108, 8-53118
- Romanenko, V.G.** *see* Zhitomirskii, I.S. 8-59279
- Romani, G.L.** *see* Barbanera, S. 8-49859
- Romaniuk, M.S.** *see* Telonis, D.P. 8-83358
- Romaniv, O.N.** *see* Babei, Yu.I. 8-56734
- Roman'ko, K.S.** *see* Goloborod'ko, N.P. 8-80818
- Romano, F.** *see* Alibrán, P. 8-50026
- Romano, F.** *see* Erriquez, O. 8-78170
- Romano, G.** A new variable star in M33 8-73717
- Romanov, A.** *see* Serensen, S. 8-60838
- Romanov, A.B.** *see* Aleksandrov, V.V. 8-94401
- Romanov, G.N.** On the plane electromagnetic wave reflection coefficient discontinuity in 'total internal reflection' from the region of inverted population 8-58891
- Romanov, G.V.** Image plane irradiance caused by the natural radiation of the objective lens 8-83068
- Romanov, L.N.** *see* Stepanenko, G.S. 8-92941
- Romanov, N.A.** *see* Khelifets, L.Ya. 8-56930
- Romanov, S.I.**, Smirnov, L.S. Voids in ion-implanted silicon 8-67757
- Romanov, V.A.**, Smirnova, N.N. Heat transfer accompanying forced convection in a poorly permeable medium 8-83472
- Romanov, V.A.** *see* Babichev, G.G. 8-84257
- Romanov, V.A.** *see* Blokhin, A.V. 8-87215
- Romanov, V.G.** *see* Klyokh, K.I. 8-53122
- Romanov, V.P.** *see* Adzhemyan, L.V. 8-83881
- Romanov, V.S.**, Bashkov, V.I., Berezov, V.M., Korepanov, V.D. Polarization echo near a ferroelectric phase transition 8-88266
- Romanov, Yu.A.** Plasma echoes generated by distributed sources 8-71485
- Romanov, Yu.A.** *see* Gabovich, A.M. 8-79951
- Romanov, Yu.A.** *see* Krivelevich, L.M. 8-92949
- Romanov, Yu.F.** *see* Kaev, A. 8-78966
- Romanov, Yu.F.** *see* Gol'dberg, Yu.A. 8-74059
- Romanov, Yu.F.** *see* Konstantinov, O.V. 8-87155
- Romanov, Yu.S.** *see* Zaikova, L.P. 8-93234
- Romanova, A.V.**, Slukhovskii, O.I., Yurish, M. X-ray diffraction study of liquid cadmium and indium, calculation of interatomic interaction potentials 8-59735
- Romanova, A.V.** *see* Isai, V.N. 8-59847
- Romanova, I.M.** Influence of human activity on the hydrological and thermal regimes of the Tarmanskii Marsh 8-92864
- Romanova, N.N.** *see* Bertaux, J.L. 8-93136
- Romanova, R.R.**, Baranovskii, A.N., Bychkov, V.V., Buinov, N.N., Rybalov, R.G. Influence of stepwise ageing on the structure and mechanical properties of the heat-resistant alloy Eh1698 8-76666
- Romanova, R.R.**, Pushin, V.G., Pegushina, G.A., Georgieva, I.Ya., Beresnev, B.I. Structure and mechanical properties of TRIP-steels strengthened by hydrostatic extrusion 8-76647
- Romanova, R.R.** *see* Kondrat'ev, V.V. 8-64541, 8-68688
- Romanova, R.R.** *see* Pushin, V.G. 8-68711
- Romanova, R.R.** *see* Rats, Yu.V. 8-60685
- Romanova, V.I.** *see* Bakai, A.S. 8-96338
- Romanovskaya, L.L.**, Bogdanov, K.M., Em, V.S. Model of the dynamics of water exchange of the body in normal and pathological conditions 8-64914
- Romanovskii, V.R.** *see* Makarov, A.M. 8-51037
- Romanovskiy, S.G.**, Lukin, K.D., Margolin, L.I. The method of invariant groups for solving the nonlinear problem of heat and mass transfer in capillary-porous bodies 8-55688
- Romanow, F.F.** *see* Hawley, M.S. 8-83202
- Romanowski, H.**, Sobczyk, L. The temperature effect on the OH stretching vibration band of hydrogen bonded complexes 8-90158
- Romanowski, H.** *see* Grech, E. 8-62805
- Romanyuk, N.A.**, Kostetskii, A.M. Effect of X-ray radiation on the dispersion and temperature dependence of the refractive index of Rochelle salt 8-72480
- Romanyuk, N.A.**, Kostetskii, A.M., Andrievskii, B.V. Refractive index dispersion and some characteristics of the absorption spectra of crystals of the triglycine sulphate group 8-68469
- Romanyuk, N.A.**, Polovinko, I.I., Viblyi, I.F. Temperature variations of the absorption edge of triglycinesulfate-group crystals 8-84604
- Romanyuk, N.A.** *see* Andrievskii, B.V. 8-84550
- Romashkevich, Yu.I.** Comparison of two methods of computation for a model of a two-dimensional gas flow 8-59413
- Rombakh, V.P.** *see* Belyaev, B.V. 8-72464
- Romberg, T.M.**, Bendat, J.S. Comments on 'system identification from multiple input/output data' [and reply] 8-83179
- Rome, J.A.**, Peng, Y.-K.M., Davidson, J.N. Injection scenarios for TNS 8-58464
- Rome, J.A.** *see* Goldston, R.J. 8-62643
- Rome, J.A.** *see* Northrop, T.G. 8-51332
- Rome, J.A.** *see* Peng, Y.-K.M. 8-58419, 8-66422
- Romeas, P.** *see* Skowronek, M. 8-71507
- Romelt, J.**, Peyerimhoff, S.D. Ab initio MRD CI calculations for the electron spectrum of the C₃ radical 8-90089
- Romeo, G.C.** *see* Basile, M. 8-70416, 8-74240
- Romeo, N.**, Sberveglieri, G., Tarricone, L. Low-resistivity ZnCdS films for use as windows in heterojunction solar cells 8-71200
- Romeo, N.**, Sberveglieri, G., Tarricone, L., Vidal, J., Wojtowicz, A. Electrical properties of Sb-doped ZnTe thin films 8-76172

- Romer, A. Robert A. Millikan, physics teacher 8-69956
- Romer, A. Liberal arts technology 8-86061
- Romer, H. see Dietz, K. 8-49973
- Romer, H. see Nielsen, N.K. 8-62336, 8-93588
- Romer, O. see Brandelik, R. 8-62416
- Romer, R.H. Demonstration of the intermediate-axis theorem 8-61990
- Romerio, M. Absence of ordering in a class of real liquids—application to nematic liquid crystals 8-51402
- Romero, A. see Erriquez, O. 8-82195
- Romero, I. see Goodman, F.O. 8-87860
- Romero, J. see Nava, R. 8-87744
- Romero, J.L., McNaughton, M.W., Brady, F.P., King, N.S.P., Subramanian, T.S., Ullmann, J.L. Neutron-proton polarization at 50 MeV 8-50148
- Romero, J.L. see Fitzgerald, D.H. 8-62424
- Romestain, R. see Buisson, R. 8-52157
- Romestain, R. see Geschwind, S. 8-80342
- Romestain, R. see Le Si Dang 8-72437
- Romick, G.J. see Baker, D.J. 8-81485
- Romick, G.J. see Christensen, A.B. 8-77387
- Romick, G.J. see Sivjee, G.G. 8-65437
- Romine, W.O., Jr. Studies in fluctuation analysis. II. Injected white noise as a solution to the phase problem of relaxation spectrometry 8-76830
- Rommeluere, J.F. see Marine, J. 8-68553
- Romo, W.J. A study of the convergence of Mittag-Leffler expansions of the Green function and the off-shell scattering amplitude in potential scattering 8-73874
- Romodanov, I.S. see Peshkov, N.M. 8-88284
- Romwalter, A. see Neubauer, I. 8-64539
- Ron, A. see Fibich, M. 8-52280
- Ron, A. see Riess, I. 8-52281
- Ron, A. see Tseng, H.K. 8-58635
- Ron, M. see Oswald, R.S. 8-72440
- Ron, M. see Stupel, M.M. 8-52800
- Ron, M. see Trichter, F. 8-68686
- Ronam, M.T. see Vuillemin, V. 8-93876
- Ronan, M.T. see Feller, J.M. 8-66136
- Ronan, M.T. see Jaros, J.A. 8-50042
- Ronan, M.T. see Scharre, D.L. 8-89723
- Ronander, E., Kritzinger, S. A quantitative study of anomalous annealing phenomena in quenched aluminum 8-80565
- Ronat, E.E. see Braun, H. 8-58208
- Ronat, E.E. see Eisenberg, Y. 8-54657
- Ronay, M. Determination of the dynamic surface tension of liquids from the instability of excited capillary jets and from the oscillation frequency of drops issued from such jets 8-56026
- Ronay, M. Determination of the dynamic surface tension of inks from the capillary instability of jets 8-84031
- Ronay, M. Determination of the dynamic surface tension of liquids from the growth rate of axisymmetric disturbances on an excited capillary jet 8-95205
- Ronca, G. Dynamics of ferromagnets: Langevin approach to the mean spherical model 8-72350
- Ronca, G. Cooperative diffusion in a temporary network 8-77820
- Ronca, L.B., Furlong, R.B. Topographic changes on airless bodies: theoretical considerations 8-65523
- Ronchi, C., Ray, I.L.F., Thiele, H., van de Laar, J. Measurements and observations on microscopic swelling in MX-type fuels 8-66348
- Ronchi, C., Ray, I.L.F., Thiele, H., Van De Laar, J. Swelling analysis of highly-radiated MX-type LMFBF fuels: II. Microscopic swelling behaviour 8-70596
- Ronchi, L. Some questions concerning electroretinographic response and its variability 8-77051
- Ronchi, L. Free-space propagation of an aberrating Gaussian beam 8-87008
- Ronchi, L. Theory of optical resonators 8-87076
- Ronchi, L. Astigmatic Gaussian beams in an elliptical square-law medium 8-94427
- Ronchi, L., Stefanacci, S. Some remarks on time integrative properties of dark-adapted retina 8-53399
- Ronchi, L. see Consortini, A. 8-55301
- Rondarev, V.S. see Pikhtin, A.N. 8-84548
- Rondelez, F. see Hervet, H. 8-59738
- Rondelez, F., Urbach, W., Hervet, H. Origin of thermal conductivity anisotropy in liquid crystalline phases 8-94991
- Rondelez, F. see Destor, C. 8-80375
- Rondelez, F. see Hervet, H. 8-94977
- Rondelez, F. see Langevin, D. 8-95965
- Rondelez, F. see Micciani, S. 8-95997
- Rondelez, F. see Urbach, W. 8-76483
- Rondio, E. see Nowak, R.J. 8-78213
- Rondot, M. see Budin, J.-P. 8-87058
- Ronen, Y. see Regev, D. 8-50228
- Roney, P.L., Findlay, F.D., Buijs, H.L., Cann, M.W.P., Nicholls, R.W. Carbon dioxide spectral line frequencies for the 4.3- μ m region 8-88910
- Rong-Jue Wei see Wei Rong-Jue
- Rong-Seng Chang see Stavroudis, O.N. 8-66773
- Rong-Sheng Hu see Hu Rong-Sheng
- Ronga, F. see Esposito, B. 8-66132
- Ronn, A.M. see Lin, S.T. 8-76836
- Ronnang, B. see Genzel, R. 8-61901
- Ronnang, B.O. see Wittels, J.J. 8-69896
- Ronne, M. see Boye, H. 8-74109
- Ronneau, C., Cara, J., Navarre, J.L., Priest, P. An automatic sequential rain sampler 8-73545
- Ronnefarth, B. see Tiller, H.-J. 8-64890
- Ronneng, B. see Pauliny-Toth, I.I.K. 8-69902
- Ronningen, R.M. see Baker, F.T. 8-70550
- Ronova, I.A., Alekseev, N.V. Refinement of the structural parameters of the molecules of $(C_5H_5)_2TiCl_2$ and $(C_5H_5)_2ZrCl_2$ 8-87660
- Ronveaux, A. Surface plasmon eigenmodes and integral equations 8-56195
- Ronveaux, A., Moussiaux, A. Surface plasmons around a cavity in a semiinfinite metal 8-56196
- Ronzoni, G. see Bertuzzi, A. 8-77078
- Roo, M.de see de Roo, M.
- Rood, A.P. The use of channel electron multipliers in gas electron diffraction experiments of short duration 8-83684
- Rood, H.J. see Dickel, J.R. 8-93398
- Rood, R.T. The solar interior and solar neutrinos 8-81598
- Roof, R.B. see Land, C.C. 8-80518
- Rooij, N.F.de see de Rooij, N.F.
- Rooijen, J.van see van Rooijen, J.
- Rook, J.R. see Brieva, F. 8-54730
- Rooney, J.A. see Rohr, K.R. 8-77082
- Roos, B.O. see Karlstrom, G. 8-76904
- Roos, C.E., Limb, J.O., Bowen, E.G. Real-time extraction of bubble chamber tracks using a single vidicon 8-82580
- Roos, C.E. see Coffey, D. 8-50435
- Roos, J. see Arriandaga, M.A. 8-75804
- Roos, J. see Brinkmann, D. 8-83949
- Roos, J. see Kind, R. 8-63855
- Roos, J. see Plesko, S. 8-83943
- Roos, J.R., Celis, J.P., Kelchtermans, H. Electrolytic deposition of copper powders containing a dispersion of fine alumina particles 8-84743
- Roos, M. see Bricman, C. 8-66179
- Roos, O.von see von Roos, O.
- Roos, P.G., Chant, N.S., Devins, D.W., Friesel, D.L., Jones, W.P., Attard, A.C., Henderson, R.S., Svalbe, I.D., Spicer, B.M., Officer, V.C., Shute, G.G. Experimental test of the factorization approximation in the reaction $^{40}Ca(p, 2p)^{39}K$ at 148.2 MeV 8-62535
- Roos, R. see van Nunen, J.W.G. 8-71358
- Roosegaarde Bisschop, E.F. see van Dijk, M.H.H. 8-82007
- Roosen, A., Hausner, H. Particle size analysis of alumina by centrifugal sedimentation 8-57890
- Roosild, S. see Ludman, J. 8-84165
- Roots, J., Nystrom, B. Concentration and temperature dependence of the refractive index increment of a polystyrene sample in trans-decalin 8-84547
- Roovers, J. see Hadjichristidis, N. 8-91218
- Rooyen, R.S.van see van Rooyen, R.S.
- Ropars, A. see Ferrari, A. 8-58374
- Roper, P.W., Baxter, A.J. The effect of auroral energy input on neutral and ion drifts in the thermosphere 8-65446
- Roper, V.G., Lamberton, H.M., Parcell, E.W., Manley, A.W.J. Laser induced medium perturbation in a pulsed CO₂ laser 8-58977
- Ropke, G., Kilimann, K., Kremp, D., Kraeft, W.D., Zimmermann, R. The influence of dynamical effects on the two-particle states (excitons) in the electron-hole plasma 8-76004
- Ropke, G. see Frauenheim, T. 8-80119
- Ropke, G. see Richter, A. 8-76219
- Ropke, H. see Glatz, F. 8-74378
- Rordorf, B.F., Parmenter, C.S. S₁-S₀ fluorescence after narrow band excitation of glyoxal. Single rotational level fluorescence and a technique for deconvolution of Doppler congested absorptions 8-58734
- Ros, P. see Miller, D.J. 8-70740
- Rosa, A.De see De Rosa, A.
- Rosa, L.P. see Alberi, G. 8-62431
- Rosa, R.A.De see De Rosa, R.A.
- Rosa, Z. see Pilawski, M. 8-65943
- Rosado, R., Leclair, J., Schram, D.C. The electrical conductivity of a weakly non-ideal, dense plasma 8-71447
- Rosado, R. see Gerasimov, N.T. 8-67599
- Rosai, L., Ferrario, B., della Porta, P. Behaviour of Sorb-AC wafer pumps in plasma machines 8-70627
- Rosai, L. see Mari, C.M. 8-80812
- Rosales, A. see Prigo, R.B. 8-81769
- Rosales, R.R. The similarity solution for the Korteweg-de Vries equation and the related Painleve transcendent 8-49674
- Rosamalen, R.Janssen-van see Janssen-van Rosamalen, R.
- Rosasco, G.J. see Bennett, H.S. 8-50838
- Rosasco, G.J. see Blaha, J.J. 8-69441
- Rosasco, G.J. see Chabay, I. 8-92564
- Rosasco, G.J. see Etz, E.S. 8-68970
- Rosatelli, C. see Cicconi, G. 8-79461
- Rosato, E. see Cuzzocrea, P. 8-62528
- Rosauer, E.A., Amenson, J.L. Scanning electron microscope (SEM) positive print photography 8-82082
- Rosca, R., Morvan, J.-M. Lorentzian manifolds structured by a flat conform connection 8-77683
- Rosch, N. see Hansel, K.D. 8-78780
- Roschupkin, A.M., Miloshenko, V.E., Gol'ter, A.E. Quantum effects in low temperature microcreep 8-71784
- Roschupkin, V.V. see Novikov, I.I. 8-51698
- Rosdahl, A.R. see Deis, D.W. 8-64174
- Rose, A. see Ben-Yosef, N. 8-92630
- Rose, D.H. see Hastings, I.J. 8-78465
- Rose, G. see Culpán, E.A. 8-80535
- Rose, G.K. see Stallard, J. 8-77079
- Rose, H. Aberration correction of homogeneous magnetic deflection systems 8-66740
- Rose, H. see Fertig, J. 8-70229
- Rose, H.A., Sulem, P.L. Fully developed turbulence and statistical mechanics 8-51150
- Rose, H.J., Jr. see Keil, K. 8-85884
- Rose, J. see Dickson, J.H. 8-81234
- Rose, J.H., Shore, H.B. Self-consistent calculation of surface properties of electron-hole droplets 8-51904
- Rose, J.H., Shore, H.B., Rice, T.M. Infrared absorption and scattering by electron-hole droplets in Ge 8-51903
- Rose, J.H. see Sander, L. 8-87916
- Rose, J.W. Effect of condenser tube material on heat transfer during dropwise condensation of steam 8-75059
- Rose, J.W. see Niknejad, J. 8-94560
- Rose, K. see Dautcourt, G. 8-73781
- Rose, M.A. see Hall, P.G. 8-56035, 8-71993, 8-76381
- Rose, P. see Cassidy, P. 8-71073
- Rose, P. see Hoffman, A. 8-58435
- Rose, P.H., Steinhauer, L.C., Taussig, R.T. Fusion reactor development scenarios for the laser solenoid concept 8-54980
- Rose, R.J. see Heron, M.L. 8-81489, 8-93027
- Rose, R.L., Robbins, J.L., Massalski, T.B. Enthalpy and specific heat of a series of Pu/Ga alloys at elevated temperatures 8-78458
- Rose, R.M. see Clapp, M.T. 8-80489
- Rose, W.C. see Murthy, V.S. 8-94758
- Rosel, F. see Baur, G. 8-78414
- Rosel, F. see Budzanowski, A. 8-82363
- Rosel, F. see Pauli, M. 8-74749, 8-78792
- Roseler, A., Wiczorek, L.W. Optical design of a Fourier-spectrometer in the IR-range for satellites 8-86360
- Roseman, J.J. see Breuer, S. 8-54188
- Rosen, A. A note on the electronic structure of UF₆ 8-50469
- Rosen, A. Molecular levels for a CO molecule chemisorbed at various angles on a Ni(100) surface 8-90069
- Rosen, A. see Lundberg, H. 8-58617
- Rosen, A. see Ramaiah, G.K. 8-83302
- Rosen, B. see Goldstein, B. 8-91120
- Rosen, B.R., Moran, J.M., Reid, M.J., Walker, R.C., Burke, B.F., Johnston, K.J., Spencer, J.H. Observations of OH and H₂O microwave maser emission from VY Canis Majoris 8-53949
- Rosen, G. Lorentz covariance of lattice field equations in four-dimensional space-time 8-54184
- Rosen, G. Approximate solutions to the Navier-Stokes initial value problem 8-57788
- Rosen, H., Shamir, J. Interferometric determination of ellipsometric parameters 8-93757
- Rosen, I., Smith, A., Lane, R., Kelsey, C., Lake, D., Hogstrom, K., Somers, J., Helland, J., Kittell, R., Amals, H., Bradbury, J., Richman, C. An automated dosimetry data-acquisition and analysis system at the LAMPF pion therapy facility 8-53506
- Rosen, J.C. see Gur, D. 8-65127
- Rosen, J.L. see Roberts, T.J. 8-82392
- Rosen, J.M. see Hofmann, D.J. 8-81283
- Rosen, L. see Allred, J.C. 8-73219
- Rosen, M. see Klimker, H. 8-52332
- Rosen, M. see Stern, A. 8-76696
- Rosen, M.D., Nuckolls, J.H. Exploding pusher performance at fixed laser power—a theoretical model 8-58481
- Rosen, M.D.A., Pipkin, F.M. Reflectance spectra of sodium and potassium doped ammonia frosts: implications of I₀'s surface 8-84561
- Rosen, N. Bimetric gravitation theory on a cosmological basis 8-65844
- Rosen, S.P. Is the τ a paraelectron? 8-50024

- Rosen, S.P.** Universality and the weak isospin of leptons, nucleons, and quarks 8-70273
- Rosen, S.P.** Problem of $D^0 \rightarrow K^- \pi^+ \pi^0$ in nonleptonic charm decay 8-70364
- Rosenau, P.** Propagation of magnetohydrodynamic shocks in a thermally-conducting medium 8-59581
- Rosenau, P.** Magnetohydrodynamic blast wave in a gravitational field 8-83496
- Rosenau, P.** *see* Young-ping Pao 8-94932
- Rosenbauer, H.** *see* Bame, S.J. 8-85800
- Rosenbauer, H.** *see* Haerendel, G. 8-89010
- Rosenbauer, H.** *see* Paschmann, G. 8-61669
- Rosenbauer, H.** *see* Schwenn, R. 8-57419
- Rosenbauer, H.** *see* Shelley, E.G. 8-85810
- Rosenbaum, F.J.** *see* Sun, M.J. 8-65965
- Rosenbaum, G.** *see* Gabriel, A. 8-62281
- Rosenbaum, G.** *see* Schulz, G.E. 8-65166
- Rosenbaum, M.** *see* Hojman, S. 8-78084
- Rosenbaum, R.** *see* Polturak, E. 8-54363
- Rosenbaum, V.M.** *see* Dykman, I.M. 8-84222
- Rosenberg, A.D.** *see* Lyubitskii, A.A. 8-73379, 8-81231
- Rosenberg, A.E.** *see* Sambur, M.R. 8-57024
- Rosenberg, G.V.** *see* Baiker, M. 8-88916
- Rosenberg, H.M.** The production of powder-filled/metal composites in space 8-52726
- Rosenberg, H.M.** *see* Pinheiro, M. de F.F. 8-83978
- Rosenberg, M., Martino, F., Reed, W.A., Eisenberger, P.** Compton-profile studies of amorphous and single-crystal SiO_2 8-88378
- Rosenberg, M., Vernhardt, R., Borghese, C., Tappa, R.** Faraday effect and magnetometrical study of single crystal ferrimagnetic garnets 8-52317
- Rosenberg, M.** *see* Brueker, H. 8-50038
- Rosenberg, M.** *see* Florian, R. 8-75810
- Rosenberg, M.** *see* Franke, H. 8-52400, 8-52404
- Rosenberg, N.J.** *see* Verma, S.B. 8-92907
- Rosenberg, P.P.** *see* Shteins, K.A. 8-73653
- Rosenberg, T.J.** *see* MacLennan, C.G. 8-81507
- Rosenberg, Z.** Extension of measurement times of quartz transducers by the use of a fused-quartz housing 8-54354
- Rosenberg, Z.** *see* Avinor, M. 8-51264
- Rosenberger, F.** *see* Westphal, G.H. 8-67669
- Rosenberger, H., Schnabel, B.** Investigations of the chemical shift tensors in hydrogen-bonded systems by means of the high-resolution NMR in solids 8-84489
- Rosenberger, H.** *see* Schnabel, B. 8-76323
- Rosenberger, J.L.** *see* Channing Nicholas, W. 8-57048
- Rosenblat, S.** Global aspects of bifurcation and stability 8-69964
- Rosenblatt, G.M.** *see* Draper, C.W. 8-92506
- Rosenblatt, L.S.** *see* Vernikos-Danellis, J. 8-53536
- Rosenblatts, M.** *see* Evans, A.G. 8-51133
- Rosenbluth, E., Contreras, H.** Sink method for Markov processes with absorbing barriers 8-73834
- Rosenblum, A.** Gravitational radiation energy loss in scattering problems and the Einstein quadrupole formula 8-89379
- Rosenblum, B.** On advising would-be physicists 8-62040
- Rosenbluth, M.N.** *see* Ara, G. 8-71463
- Rosenbush, A.E.** *see* Doroshenko, V.T. 8-61860
- Rosencrans, S.I.** *see* Dupre, M.J. 8-65842
- Rosenzweig, A.** Theoretical aspects of photoacoustic spectroscopy 8-65975
- Rosendhal, J.D.** The Spacelab 2 mission 8-85816
- Rosenfeld, A.** *see* Simon, J.C. (editor) 8-58927
- Rosenfeld, A.H.** *see* Longacre, R.S. 8-66151
- Rosenfeld, E.** *see* Degani, J. 8-66517
- Rosenfeld, L.** *see* Chadwick, G.B. 8-66175
- Rosenfeld, M., Ziegler, M., Kanzig, W.** X-ray study of the low temperature phases of alkali hyperoxides 8-63728
- Rosenfeld, M.S., Huang, S.L.** Fatigue characteristics of graphite/epoxy laminates under compression loading 8-84971
- Rosenfeld, R.C., O'Shea, T.F., Arneson, S.H.** Tuning quartz SAW resonators by opening shorted reflectors 8-59246
- Rosenfelder, R.** Skyrme interactions and the total muon capture rate in ^{10}O 8-54742
- Rosenfield, A.R.** *see* Hahn, G.T. 8-64705
- Rosenfield, R.E., Jr., Trueblood, K.N., Dunitz, J.D.** A test for rigid-body vibrations, based on a generalization of Hirschfeld's 'rigid-bond' postulate 8-91385
- Rosenholm, J.B., Hakala, M.-R., Stenius, P.** Enthalpies of lyotropic liquid crystalline phases. II. The partial molar enthalpies of the lamellar and hexagonal phases in the system N-pentanol-sodium N-octanoate-water 8-75543
- Rosenke, K., Zachmann, H.G.** The determination of NMR lineshape for polyethylene molecule with fixed ends 8-76322
- Rosenke, K., Zachmann, H.G.** On the determination of the spin-lattice relaxation time T_1 for the polyethylene molecule with fixed ends 8-76340
- Rosenkranz, G., Stockel, D., Tillmann, L.** The recrystallisation of steel fiber reinforced silver 8-84849
- Rosenkranz, P.W., Staelin, D.H., Grody, N.C.** Typhoon June (1975) viewed by a scanning microwave spectrometer 8-73436
- Rosenman, I.** *see* Batalan, D. 8-84129
- Rosenquist, M., Evans, J.** Spin-orbit coupling in a watchglass 8-81775
- Rosenson, L.** *see* Cutts, D. 8-78380, 8-89746
- Rosensteel, G., Ihrig, E.** Kinetic energy in the mass quadrupole oscillation collective model 8-66231
- Rosenstein, M.** *see* Boice, J.D., Jr. 8-65128
- Rosenstein, M.** *see* Sherman, G.J. 8-96097
- Rosenstock, H.B.** Mechanisms for lattice absorption: one or two? 8-60460
- Rosenstock, H.B.** Mechanisms for producing lattice absorption: one or two? 8-80329
- Rosenthal, A.** *see* Papaefthymiou, G.C. 8-73202
- Rosenthal, J., Yarmus, L., Berk, N.F., Bizzaro, W.** The source of excess linewidth in EPR of triplet excitons in molecular crystals 8-72389
- Rosenthal, L.A.** Electrolyte conductivity apparatus 8-86297
- Rosenthal, M.D.** *see* Tkach, R. 8-91716
- Rosenthal, S.L.** Numerical simulation of tropical cyclone development with latent heat release by the resolvable scales. I. Model description and preliminary results 8-81309
- Rosenthal, W.** Energy exchange between surface waves and motion of sediment 8-73389
- Rosenvinge, T.** *see* von Rosenvinge, T.
- Rosenvinge, T.T.** *see* von Rosenvinge, T.T.
- Rosenvinge, T.T.** *see* von Rosenvinge, T.T.
- Rosenwasser, S.N.** *see* Kearney, D.W. 8-66387
- Rosenzweig, C.** Baryonium; a special kind of exotica 8-78135
- Rosenzweig, C.** Heavy-quark content of light hadrons and implications for the Y-family 8-93853
- Rosenzweig, C.** *see* Chew, G.F. 8-62381
- Roser, S., Staude, H.J.** The zodiacal light from 1500 Å to 60 micron. Mie scattering and thermal emission 8-81587
- Rosettani, E.** *see* Bonamini, R. 8-57110
- Rosette, K.H.** *see* Nestor, O.H. 8-59067
- Roshchin, S.N.** *see* Danilov, V.L. 8-88517
- Roshchina, I.N.** *see* Fredlander, I.N. 8-80674
- Roshchupkin, V.V.** *see* Novikov, I.I. 8-71420, 8-94886
- Roshd, M.H.M., Chow, H.C.** The analysis of flux peaking at nuclear fuel bundle ends using PEAKAN 8-82493
- Roshkovan, G.L.** Low-inertia mirrors for galvanometers 8-71191
- Rosina, I.A.** *see* Guseva, M.I. 8-95087
- Rosinger, E.L.J., Dixon, R.S.** Mathematical modelling of water radiolysis; a discussion of various methods 8-61036
- Rosinger, H.E., Duncan, R.G.** The irradiation growth of the intermetallic Zr_2Al 8-55896
- Rosinger, H.E., Murphy, E.V.** The effect of corrosion and fast neutron irradiation on the mechanical properties of the zirconium-8.6 wt.% aluminum reference material 8-84948
- Rosini, P.** *see* Esposito, B. 8-66132
- Rosino, L.** Spectral evolution of Nova V400 Per (1974) and Nova V373 Sct (1975) 8-73715
- Rosino, L.** Problems of variable stars in globular clusters 8-81641
- Rosinski, J., Kerrigan, T.C.** Formation of ice phase by contact, freezing, sorption and condensation-freezing in natural and seeded storms 8-61509
- Rosinski, K., Skalski, T.** Informations about atomic collisions from studies on relaxation in optically pumped vapours 8-55229
- Rosinskij, S.E.** *see* Alterkop, B.A. 8-75375
- Rosinskiy, A.Z.** *see* Buyevich, A.V. 8-55671
- Roske, W.** *see* Altmann, K. 8-55517
- Roskova, G.P.** *see* Mazurin, O.V. 8-87806
- Roskova, G.P.** *see* Sviridov, S.I. 8-87819
- Roskovcova, L.** *see* Bohun, A. 8-68534
- Roskovce, V.** *see* Nekvasil, V. 8-68132
- Rosler, H.** *see* von Egidy, T. 8-66215
- Rosler, R., Schallar, M.** Geoelectric measurements in gradient media and equivalent sequences of layers 8-69281
- Roslov, V.I.** *see* Savin, M.V. 8-78572
- Roslyakov, G.V.** *see* Dimov, G.I. 8-67371, 8-79460
- Roslyakov, V.Ya.** *see* Khurgin, Yu.I. 8-95992
- Rosman, K.J.R., De Laeter, J.R.** A survey of cadmium isotopic abundances 8-53891
- Rosman, K.J.R.** *see* Smith, C.L. 8-82856
- Rosner, B.** *see* Nir, D. 8-82838
- Rosner, G.** *see* Szanto de Toledo, A. 8-89781
- Rosner, J.L., Quigg, C., Thacker, H.B.** Determining the fifth quark's charge: the role of the Y leptonic widths 8-50029
- Rosner, J.L.** *see* Quigg, C. 8-54613
- Rosner, J.L.** *see* Thacker, H.B. 8-82153, 8-82154
- Rosner, P.** *see* Nakagawa, M. 8-71765
- Rosner, R., Golub, L., Coppi, B., Vaiana, G.S.** Heating of coronal plasma by anomalous current dissipation 8-53895
- Rosner, R., Vaiana, G.S.** Cosmic flare transients: Constraints upon models for energy storage and release derived from the event frequency distribution 8-65491
- Rosnovskii, S.V.** *see* Grigor'ev, V.S. 8-94820
- Rosnovskiy, S.V.** *see* Petukhov, B.S. 8-83479
- Rosnowski, W.** Aluminium diffusion into silicon in an open tube high vacuum system 8-91349
- Rosny, G.** *see* De Rosny, G.
- Roso, W.** *see* Harcourt, R.D. 8-70748
- Rosola, I.I.** *see* Khiminets, O.V. 8-76469
- Rosovitzkii, V.F.** *see* Lipatov, Yu.S. 8-72808
- Ross, A.M.** Neutron radiographic inspection of nuclear fuels 8-60890
- Ross, B.E., Jenkins, P.** A comparison of the application of two computer models of Tampa Bay, Florida 8-77269
- Ross, C.D.** *see* Bunge, R. 8-77033
- Ross, D., Jones, W.L.** On the relationship of radar backscatter to wind speed and fetch 8-77247
- Ross, D.** *see* Hasselmann, K. 8-81418
- Ross, D.A.** Threshold effects in gauge theories 8-82098
- Ross, D.A., Bhadwal, H.S., Dyott, R.B.** The determination of the mean and standard deviation of the size distribution of a colloidal suspension of submicron particles using the Fiber Optic Doppler Anemometer, FODA 8-61057
- Ross, D.B.** *see* Shemdin, O.H. 8-77248
- Ross, D.K.** *see* Anderson, I.S. 8-55942
- Ross, D.W.** *see* Hazeltine, R.D. 8-71468
- Ross, E.** The 'held' radiograph—technique and radiation protection 8-73199
- Ross, E.H.** *see* Deuser, W.G. 8-85606
- Ross, G., Fiddy, M.A.** The speckle effect: a reappraisal 8-50701
- Ross, G.F.** *see* Bennett, C.L. 8-71010
- Ross, G.G.** *see* Ellis, R.K. 8-93848
- Ross, H.H.** *see* Lyon, W.S. 8-82262
- Ross, J., Campbell, F.W.** Why do we not perceive photons? 8-96052
- Ross, J., Ross, M.** Some energy problem problems and solutions [for teachers] 8-81762
- Ross, J.** *see* Collins, M.A. 8-68874
- Ross, J.** *see* Lovett, R. 8-87765
- Ross, J.** *see* Mukamel, S. 8-77764
- Ross, J.** *see* Procaccia, I. 8-60986
- Ross, J.** *see* Zvijac, D.J. 8-66640
- Ross, J.B.A.** *see* Derenleau, D.A. 8-76356
- Ross, J.E.** *see* Pedrazzini, G.J. 8-86944
- Ross, J.W., Tronc, E.** Mossbauer effect observation of an induced hyperfine field in YbAl_3 8-52396
- Ross, J.W., Walley, S.P.** Mixed valency in $\text{Eu}(\text{Ni}_{1-x}\text{Cu}_x)_2$ 8-84511
- Ross, M., Abernathy, J., Wolf, J., Freedman, P., Matassov, G., Barry, J.D.** Space optical communications with the Nd:YAG laser 8-66859
- Ross, M.** *see* Ross, J. 8-81762
- Ross, P.W.** *see* Mash, D.H. 8-66881
- Ross, R.A.** *see* Krupay, B.W. 8-53258
- Ross, R.G., Andersson, P.** Thermal conductivity and phase diagram of CCl_4 under pressure 8-75893
- Ross, R.G., Andersson, P., Backstrom, G.** Effects of H and D order on the thermal conductivity of ice phases 8-67871
- Ross, R.N., Williams, G., Price, D.C.** Resistivity and magnetoresistance study of various s.p. impurities in ferromagnetic hosts 8-68008
- Ross, R.R.** *see* Alston-Garnjost, M. 8-66152, 8-66153
- Ross, R.R.** *see* Alston-Garnjost, M. 8-82235
- Ross, R.R.** *see* Feller, J.M. 8-66136
- Ross, R.R.** *see* Jaros, J.A. 8-50042
- Ross, R.R.** *see* Langer, S.H. 8-65488
- Ross, R.R.** *see* Scharre, D.L. 8-89723
- Ross, R.R.** *see* Vuillemin, V. 8-93876
- Ross, R.T.** *see* Bell, J. 8-54625, 8-93872, 8-93873
- Ross, R.T.** *see* Cameron, W. 8-54653
- Ross, S.** Cohesion of bubbles in foam. [Teaching] 8-61978
- Ross, S.L., Verhoff, F.H., Curl, R.L.** Droplet breakage and coalescence processes in an agitated dispersion. II. Measurement and interpretation of mixing experiments 8-85205
- Ross, S.M., Strange, J.H.** Pressure and temperature dependence of molecular motion in organic plastic crystals 8-64289
- Ross, T.K., Francis, R.A.** The treatment of rusted steel with mimoso tanning 8-88564
- Ross, T.K.** *see* Chua, H.H. 8-95840, 8-95843
- Ross, T.K.** *see* Johnson, B.V. 8-95841
- Ross, T.K.** *see* Pedram, R. 8-95842
- Ross, W., Florek, S., Gatzke, J.** Investigation of some processes in the hydrogen laser plasma 8-71089
- Ross-Murphy, S.B.** Unperturbed dimensions of branched cahin, star and ring polymers 8-66701
- Ross-Murphy, S.B.** *see* Gordon, M. 8-65875

- Ross-Ross, P.A. The cracking of pressure tubes in the Pickering reactor 8-82463
- Rossano, G.S. Distribution of extinction in the Corona Australis dark cloud complex. [sic] 8-54001
- Rossano, G.S. Distribution of extinction in several dark cloud complexes in Scorpio and Ophiuchus [sic] 8-54002
- Rossat-Mignod, J. see Herrmann-Ronzaud, D. 8-56296
- Rossbach, J. see Wehreter, E. 8-91975
- Rossdeutscher, W. see von Nettelhorst, H. 8-65139
- Rosse, G. see Bideau, D. 8-77911
- Rosseinsky, D.R., Dorrity, I.A. Optical absorption spectrum of chromium (II) chloride single crystals 8-52527
- Rossel, C. see Sergeant, M. 8-52119
- Rossel, J. see Bovet, E. 8-82337
- Rosselet, P. see Jayet, B. 8-74270, 8-74271
- Rossen, P. von see Von Rossen, P.
- Rosser, R.J. Involute-related coupling reflectors for flash-lamp pumped laser systems 8-90425
- Rossetti, C. see Bailly, D. 8-58867
- Rossettos, J.N., Perl, E. On the damped vibratory response of curved viscoelastic beams 8-90760
- Rossi, A.M. see Yugman, N.V. 8-60335
- Rossi, D., Marazza, R., Ferro, R. Lattice parameters of some ThCu_2Si_2 -type phases in ternary alloys of rare earths with cobalt (or iron) and silicon (or germanium) 8-51469
- Rossi, D., Marazza, R., Mazzone, D., Ferro, R. Lattice parameters of RMn_2Si_2 and RMn_2Ge_2 compounds 8-59782
- Rossi, D. de see de Rossi, D.
- Rossi, H.H., Mays, C.W. Leukemia risk from neutrons 8-53448
- Rossi, H.H. see Bond, V.P. 8-73175
- Rossi, I., Strapiellas, H., Brodbeck, C., Nguyen-Van-Thanh, Ruoff, A., Burger, H. Molecular motions in liquid HSiCl_3 and DSiCl_3 by Raman and IR spectroscopy 8-64353
- Rossi, I. see Nguyen-Van-Thanh 8-62778
- Rossi, J., Truong, C.M., Schreckenbach, K., Vieu, C., Dionisio, J.S. Application of E.M. isotope separators to nuclear target preparation 8-70676
- Rossi, J.A. see Chin, R. 8-63120
- Rossi, M.J. see Gran, R. 8-50365
- Rossi, R.E. see Filipich, C.P. 8-59330
- Rossi, S. De see De Rossi, S.
- Rossi, U. see Brunetti, L. 8-50901, 8-83080
- Rossi, U. see Di Vita, P. 8-66893, 8-66894
- Rossi-Alvarez, C. see Brandolini, F. 8-52389, 8-68420
- Rossie, M. see Combs, L.L. 8-86791
- Rossignol, M.F. see Barbara, B. 8-84395
- Rossing, T.D. Resource letter ENC-1: environmental noise control 8-61949
- Rossing, T.D., Windham, B. Noise emission from laboratory air blowers 8-61975
- Rossini, B. see Aschman, D.G. 8-78201
- Rossini, B. see Goggi, G. 8-55112, 8-89739, 8-89740
- Rossinskii, B.A. see Smirnov, V.A. 8-92939
- Rossiter, P.L., Houghton, M.E. Magnetic properties and microstructure of an Fe-27.5 Cr-17.5 Co-0.5 Al alloy 8-72367
- Rossiter, P.L. see Houghton, M.E. 8-76239
- Rossitto, F. see Bottani, C.E. 8-80576
- Rossitto, F. see Poletti, G. 8-88621
- Rossie, E. see Fischer, Th. 8-62669
- Rossler, E. see Meyer, G. 8-54351
- Rossler, M. see Alexander, G. 8-74251, 8-89766
- Rossler, M. see Berger, Ch. 8-62414, 8-89725
- Rossler, O.E. see Willamowski, K.-D. 8-73018
- Rossler, W. see Mockel, D. 8-95390
- Rossmanith, E. X-ray measurement of the root-mean-square displacement of the atoms in cadmium single crystals 8-75624
- Rossmanith, R. Laser linac colliding beam arrangement at high energies, a feasibility study 8-78521
- Rosso, E. see Cobb, J.H. 8-82579
- Rossouw, C.J. see Saldin, D.K. 8-83666
- Rossov, V.V. see Kiryukhin, V.G. 8-85592
- Rossov, M.P., Katz, I.N. Hierarchical finite elements and precomputed arrays 8-62063
- Rossum, M. Van see Van Rossum, M.
- Rost, E., Shepard, J.R., Sparrow, D.A. Distorted-wave Born-approximation description of the $^4\text{He}(p,d)^3\text{He}$ reaction at $E_p=770$ MeV 8-70531
- Rost, J., Gunther Schneider, H. The preparation of specimens of directionally solidified lamellar eutectics for transmission electron microscopy 8-95885
- Rost, L. Critical remarks on the determination and use of the Poisson numbers for rock 8-69324
- Rostanina, N.B. see Lizarev, A.D. 8-55580
- Rosten, J.G. see Kennedy, W.L. 8-65148
- Rostiashvili, V.G., Erukhimovich, I.Ya., Irzhak, V.I., Rozenberg, B.A. Molecular model of isothermal volume relaxation of polymeric glasses 8-87629
- Rostiashvili, V.G., Irzhak, V.I., Rozenberg, B.A. Dynamic properties of molecular model of polymeric glass-transiting system 8-87777
- Rostoker, G., Hing-Lan Lam A generation mechanism for Fe 5 micropulsations in the morning sector 8-61686
- Rostoker, G. see Hing-Lan Lam 8-61685
- Rostoker, G. see Olson, J.V. 8-88993
- Rostovskii, V.S. see Zhuravlev, I.P. 8-50153
- Rostovsky, V.S. see Berezko, E.G. 8-58633
- Rostovtsev, A.A. see Goryushkin, S.I. 8-77889
- Rostworowski, J.A. see Thewalt, M.L.W. 8-92114
- Rotaescu, G. see Padureanu, I. 8-67638
- Rotaescu, Gh. see Padureanu, I. 8-67639
- Rotaru, V.K. see Kudzina, L.Yu. 8-64966
- Rotbard, G., LaRana, G., Vergnes, M., Berrier, G., Kalifa, J., Guilbault, F., Tamisier, R. $^{70,72,74,76}\text{Ge}(d, ^3\text{He})^{69,71,73,75}\text{Ga}$ reactions at 26 MeV 8-82279
- Rotbard, G. see Berrier-Ronsin, G. 8-50089
- Rotbard, G. see Roussel, P. 8-70684
- Rotbard, G. see Vergnes, M. 8-86532
- Rotem, A. see Altus, E. 8-80691
- Rotem, A. see Hashin, Z. 8-75101
- Rotenberg, B.A. see Leonov, A.I. 8-52735, 8-52736
- Rotenberg, M.I. see Levin, B.A. 8-86321
- Roter, Yu. see Korablev, I.V. 8-70088
- Roth, D. see Osborne, L.S. 8-66267, 8-70381
- Roth, E.P., Anderson, A.C. Scattering of thermal phonons by low-angle grain boundaries in LiF and NaCl 8-67795
- Roth, E.P., Matey, J.R., Anderson, A.C., Johns, D.A. Application of germanium resistance thermometers below 0.1K 8-73999
- Roth, H. Optical methods of vibration measurement 8-71300
- Roth, I. see Cuperman, S. 8-59577, 8-59578, 8-91121
- Roth, J. see Langley, R.A. 8-95071
- Roth, J. see Nemec, H.W. 8-69221
- Roth, J.A., Crowell, C.R. Application of Auger electron spectroscopy to studies of the silicon/silicide interface 8-91767
- Roth, J.R. Alternative approaches to plasma confinement 8-87477
- Roth, J.R. see Krawczonek, W.M. 8-54937
- Roth, J. see Reece Roth, J.
- Roth, K. see Kreische, W. 8-78360
- Roth, L.M. Multicomponent CPA theory for spin wave excitations in diluted ferromagnets 8-68135
- Roth, L.M. Local moments in the Hubbard model 8-95414
- Roth, L.M. see Singh, V.A. 8-68203
- Roth, M. Structure of tangential discontinuities at the magnetopause: the nose of the magnetopause 8-61674
- Roth, M., Chamberod, A., Billard, L. Short range order in a 70-30 FeNi alloy 8-52219
- Roth, M., Miller, W.A., Weatherly, G.C. Temperature dependence of the impact properties of some aluminum alloys containing low melting point inclusions 8-60792
- Roth, M. see Auger, P. 8-92270
- Roth, M. see Chamberod, A. 8-52218
- Roth, M. see Halperin, A. 8-60511
- Roth, M. see Lemaire, J. 8-61675
- Roth, M. see Steinmetz, B. 8-86522
- Roth, R.N. The experimental determination of trajectories in geometrically similar plastic flows 8-64588
- Roth, R.S. see Minor, D.B. 8-79585
- Roth, R.S. see Yagi, K. 8-91309, 8-91310
- Roth, S., Sonntag, J. Temperature dependence of the electrical resistivity of semiconducting CrAl solid solutions at high temperatures 8-67941
- Roth, W.L., Breiter, M.W., Farrington, G.C. Stability and dehydration of alumina hydrates with the β -alumina structure 8-51693
- Roth, W.L. see Farrington, G.C. 8-51726
- Rothbauer, R. Determinantal equations for the scale factor, temperature factors and quantitative chemical contents of the unit cell 8-75609
- Rothe, E.W. see Mathur, B.P. 8-55204, 8-70950
- Rothe, H.J. see Bender, I. 8-62117
- Rothe, K.D., Swieca, J.A. Quasi-periodic boundary conditions and the vacuum structure in gauge theories 8-70255
- Rothe, K.D. see Bender, I. 8-62117
- Rothemund, W., Fritzsche, C.R. Radiation damage in ion-implanted GaP and $\text{GaAs}_{0.6}\text{P}_{0.4}$ 8-91363
- Rothemund, W. see Fritzsche, C.R. 8-75696
- Rothenberg, A.F. see Daum, H. 8-71424
- Rother, J., Korabljev, I.W. Judging the information-theoretic characteristics of measurement devices on the basis of radiation absorption 8-65900
- Rother, J., Korabljev, I.W. Evaluation of the characteristics of radiation absorption measuring instruments, with reference to information theory. II 8-86753
- Rother, W. see Niske, W. 8-87523
- Rothfuss, H. see Keintzel, G. 8-89937
- Rothhardt, L. A note on velocity and configuration of an arc driven by a weak magnetic field 8-71596
- Rothhardt, L. Magnetically blown flat arcs 8-87509
- Rothhardt, L. see Krassa, J. 8-66814, 8-67519
- Rothig, H. More reliable strength testing of concrete with ultrasonic waves through improved evaluation 8-68847
- Rothig, K.D. see Kroger, W. 8-82429
- Rothman, K.J. see Suit, H.D. 8-65090
- Rothman, L.S., Benedict, W.S. Infrared energy levels and intensities of carbon dioxide 8-85691
- Rothman, S.J. see Lyles, R.L., Jr. 8-88603
- Rothman, S.J. see Peterson, N.L. 8-84006
- Rothschild, W.G. see Yao, H.C. 8-72496
- Rothshtein, S.M. see Wai-kee Li 8-78830
- Rothstein, S.M. see Brual, G., Jr. 8-86931
- Rothwarf, F. see Winter, J.J. 8-74037
- Rothwell, G.P. Corrosion monitoring: some techniques and applications 8-68849
- Rothwell, G.P. see Sykes, J.M. 8-80655
- Rothwell, H.L., Leep, D., Gallagher, A. High-power discharge in Na-Xe vapor 8-82957
- Rothwell, H.L., Jr., Amme, R.C., Van Zyl, B. Excited hydrogen and argon atom production by charge transfer of metastable Ar^+ ions in H_2 molecules 8-68879
- Rothwell, P. see Reeve, C. 8-96337
- Rothwell, P. see Wegmann, H.M. 8-85813
- Rotmer, Yu.M. see Klimenkova, N.T. 8-52581
- Rotonda, L. La see La Rotonda, L.
- Rotondi, A. see Bendiscioli, G. 8-94002
- Rots, A.H. Detection of a long H I plume emerging from NGC 3628 8-54038
- Rots, M., Coussemont, R., Van Rossom, M., Namavar, F., Langouches, G., Boolchand, P. Electric field gradient and lattice location of tin in tellurium 8-52395
- Rottenberg, H. see Cohen, S.M. 8-61150
- Rotter, H., Varmuza, K. Computer-aided interpretation of steroid mass spectra by pattern recognition methods. III. Computation of binary classifiers by linear regression 8-64898
- Rotter, I. see Hohn, J. 8-86463
- Rotter, Kh. see Beitins, M.P. 8-54720
- Rotter, M. see Sedlak, B. 8-72420
- Rotterdam, A. Van see Van Rotterdam, A.
- Rottger, H. see de Bueger, J. 8-58360
- Rottger, J. Evidence for partial reflection of VHF radar signals from the troposphere 8-85656
- Rottger, J., Klostermeyer, J., Czechowski, P., Ruster, R., Schmidt, G. Remote sensing of the atmosphere by VHF radar experiments 8-88938
- Rottger, J., Liu, C.H. Partial reflection and scattering of VHF radar signals from the clear atmosphere 8-81278
- Rottger, J. see Ruster, R. 8-81292
- Rottger, R., de Bueger, J., Schoots, T. The second Euratom sponsored 900°C HTR fuel irradiation experiment in the HFR Petten project E96.02. II. Post-irradiation examination 8-58361
- Rottigni, G.A. An analysis of solar concentrators with a curvature determined by gravity and a mobile focal axis 8-90487
- Rottler, C.L. see Burnett, L.J. 8-70987
- Rotunno, R. Numerical simulation of a laboratory vortex [tornado theory] 8-69411
- Roturier, J. see Chemin, J.F. 8-74750
- Rouan, D. see Wegmann, H.M. 8-85813
- Rouard, P. Optical properties of alkaline metals 8-72558
- Roubeau, P. see Abragam, A. 8-88226
- Rouben, B. see Farine, M. 8-89808
- Roubin, M. see Romand, M. 8-52620, 8-56561
- Rouby, D., Fleischmann, P. Spectral analysis of acoustic emission from aluminium single crystals undergoing plastic deformation 8-84934
- Roucau, C. see Ayroles, R. 8-83765
- Rouch, J. see Graciaa, A. 8-80793
- Rouchy, J. see Morin, P. 8-67998
- Rouchy, J. see Waintal, A. 8-55534
- Rouf, M.A., Hermansson, L., Carlsson, R. Crystallization of glasses in the primary phase field of leucite in the $\text{K}_2\text{O}-\text{Al}_2\text{O}_3-\text{SiO}_2$ system 8-67658
- Rougnay, R. see Genevey-Rivier, J. 8-62484
- Rouhani, M.D. see Alaei, M.S. 8-64492
- Roukens de Lange, A. Dispersion models for annular climbing film flow 8-83473
- Roulet, B. see Caroli, C. 8-84065
- Roulet, C., Sergolle, H., Hubert, P.P., Lindblad, T. Study of transition probabilities in ^{192}Pt 8-62506
- Roulet, C. see Albouy, G. 8-78309
- Roulet, C. see Richel, H. 8-78316
- Roulin, M. see Nicolet, J.B. 8-90844
- Rouliay, M. see Belbeoch, B. 8-87790
- Roulston, J.E., Adam, T. A rationale for the development of radioimmunoassays 8-88743
- Roult, G., Buevov, J.L. A neutron spectrometer for high-pressure studies 8-49852
- Roult, G. see Jobert, N. 8-88799

- Roumenin, T.** Peculiarities of the electric and magnetic resonances in degenerated n-InSb at low temperatures 8-56159
- Rounds, T.C., Strauss, H.L.** Vibrational spectroscopy of the medium rings 8-78702
- Rounds, T.C., Strauss, H.L.** Vibration, rotation spectra, and conformations of cycloctanone 8-78707
- Rountree, S.P.** *see* Garstang, R.H. 8-53806
- Rourke, M.D.** Maximum achievable crosstalk isolation in full-duplex single-strand fiber-optic systems 8-50923
- Rouse, G.B., Jr., Miller, P.J., Risen, W.M., Jr.** Mixed alkali glass spectra and structure 8-60435
- Rouse, G.P.** *see* Park, J.B. 8-81072
- Rouse, J.L.** *see* Papper, C.S. 8-88775
- Rouse, K.D.** *see* Albinati, A. 8-75649, 8-75650
- Rouse, K.D.** *see* Butt, N.M. 8-91407
- Rouse, L.M.** Band bending at the surface of n-TiO₂ photoanodes used to dissociate water under solar illumination 8-91765
- Rouse, R.J., Jr., Struble, G.L., Lanier, R.G., Mann, L.G.** A program for calculating gamma-gamma directional correlation coefficients and angular distribution coefficients for gamma rays of mixed multipolarities from partially aligned nuclei 8-86503
- Rouse, W.R., Mills, P.F., Stewart, R.B.** Evaporation in high latitudes 8-61459
- Rousseau, B., Setton, R.** Improvement of the reflecting properties of electroformed metal grids by polishing 8-55459
- Rousseau, D.L.** *see* Friedman, J.M. 8-60429
- Rousseau, J.** *see* Delpuyroux, P. 8-66349
- Rousseau, J.** *see* Poncet, P. 8-64850
- Rousseau, M., Almairac, R., Nouet, J., Hennion, B.** Soft phonon and central peak in RbCaF₃ 8-75794
- Rousseau, M., Arnaud, J.** Ray theory of microbending 8-66921
- Rousseau, M.** *see* Arnaud, J. 8-79129
- Rousseau, M.** *see* Fischer, M. 8-59851
- Rousseaux, F.** *see* Lemonnier, M. 8-66017
- Rousseaux, F.** *see* Tchoubar, D. 8-66020
- Roussel, J.** *see* Boiziau, C. 8-95642
- Roussel, P., Bernas, M., Diaf, F., Naulin, F., Pougheon, F., Rotbard, G., Roy-Stephan, M.** Reconstitution of heavy ion trajectories on a magnetic spectrometer 8-70684
- Roussel, P.** *see* Naulin, F. 8-50078
- Rousselet, B.** Optimal design and eigenvalue problems 8-66329
- Rousselier, G.** A numerical approach for stable crack-growth and fracture criteria 8-67104
- Rousenq, J.** *see* Mitescu, C.D. 8-60098
- Rousenq, J.** *see* Ottavi, H. 8-60097
- Rousset, A.** *see* Gillot, B. 8-79778
- Rousset, A.** *see* Graciaa, A. 8-64891
- Rousset, Y.** *see* Laporte, J.L. 8-63985
- Roussiev, K.A., Budurov, S.J., Mandajeva, L.A., Danailov, D.H.** Pearlite transformation during continuous cooling in a 0.45 wt.% carbon, 1.56 wt.% zinc-steel 8-80538
- Roussis, P.P.** *see* Petropoulos, J.H. 8-76923
- Rousslang, K.W.** *see* Derenleau, D.A. 8-76356
- Routie, R.** *see* Riba, J.P. 8-75196
- Routledge, D.** *see* Vanelidik, J.F. 8-57445
- Routson, R.C., Caltado, D.A.** Accumulation of ⁹⁹Tc by tumbleweed and cheatgrass grown on arid soils 8-80974
- Rouvaen, J.M., Bridoux, E., Waxin, G., Brunel, C., Torguet, R.** Study of the surface acoustic wave properties of lead molybdate 8-63920
- Rouvaen, J.M.** *see* Bridoux, E. 8-51022
- Rouvaen, J.M.** *see* Brunel, C. 8-51021
- Rouvray, A.L.D.** *see* De Rouvray, A.L.
- Rouvray, D.H.** *see* King, R.B. 8-90057
- Rouvray, D.H.** *see* Mallion, R.B. 8-74556
- Rouweler, G., de Maagt, B.J.** The reaction of bromine and oxygen with a tungsten surface. I. Measurement of the rate of reaction in a gas-flow experiment 8-92510
- Roux, A., Pellat, R.** A theory of triggered emissions 8-77421
- Roux, B.** *see* Bontoux, P. 8-87325
- Roux, F.** *see* Cerisier, P. 8-75873
- Roux, G., Perron, G., Desnoyers, J.E.** Heat capacity evidence for pseudophase transitions in aqueous organic binary systems 8-83937
- Roux, H.** *see* le Roux, H.
- Roux, J.** *see* Hosten, B. 8-87212
- Roux, J.A., Smith, A.M.** Combined conductive and radiative heat transfer in an absorbing and scattering infinite slab 8-71269
- Roux, J.P.** *see* Viljoen, P.E. 8-71915
- Roux, M.T.** *see* Aleonard, S. 8-51500
- Roux, P., Louer, D., Bonel, G.** A new crystal-line form of tricalcium phosphate 8-83789
- Rouxel, J.** *see* Palvadeau, P. 8-51512
- Rouyer, H.** *see* Bonnefoi, P. 8-54865
- Rouyet, J.P.** *see* Fivaz, R. 8-80120
- Rouze, S.R.** *see* Baxter, W.J. 8-80461
- Rouzo, H.** *see* le Rouzo, H.
- Rovea, S.** *see* Busca, G. 8-58972
- Rover, J., Rebstein, R., Schaubele, G.** The Mingograph in clinical electroretinography 8-92731
- Rovere, C.** *see* Cerofolini, G.F. 8-72044
- Rovid, M.** *see* Baranyai, A. 8-57072
- Rovinskii, A.P.** *see* Synorov, V.F. 8-64057
- Rovinskii, A.P.** *see* Sysoev, B.I. 8-95384
- Rovinskii, V.L.** *see* Petrov, G.D. 8-83429
- Rovkov, V.A.** *see* Troshchenko, V.T. 8-64800
- Rowcliffe, D.J.** *see* Henshall, J.L. 8-72880
- Rowe, C.N.** *see* Murphy, W.R. 8-64710
- Rowe, D.J., Wong, S.S.M., Chow, H., McGrory, J.B.** Isovector M6 excitations in the open-shell random phase approximation 8-50112
- Rowe, D.M.** An improved jet thinning apparatus for the preparation of Si-Ge alloy foils 8-88589
- Rowe, D.M.** *see* Bhandari, C.M. 8-55921, 8-91495
- Rowe, E.G.P.** Spherical delta functions and multipole expansions 8-86118
- Rowe, E.M.** Some reflections on the growth of synchrotron radiation research 8-63001
- Rowe, E.M.** *see* Pruett, C.H. 8-62234
- Rowe, G., Salomon, M., Landau, R.H.** Energy-dependent phase shift analysis of pion-nucleon scattering below 400 MeV 8-86455
- Rowe, G., Vogt, E.** On pionic degrees of freedom in atomic nuclei 8-74312
- Rowe, J.E.** *see* Crider, C.A. 8-72733
- Rowe, J.E.** *see* Sakurai, T. 8-73079
- Rowe, J.E.** *see* Traum, M.M. 8-56069
- Rowe, J.E.** *see* Weeks, S.P. 8-71972
- Rowe, J.M., Rush, J.J., Chesser, N.J., Hinks, D.L., Susman, S.** Neutron scattering study of rotation-translation interactions in (KCN)_{0.25}(KBr)_{0.75} 8-67783
- Rowe, J.M.** *see* Rush, J.J. 8-68910
- Rowe, J.M.** *see* Wilkinson, M.K. 8-86703
- Rowe, M.D.** *see* Jeyes, S.R. 8-90271
- Rowe, M.J.** III Normal variability of the brain-stem auditory evoked response in young and old adult subjects 8-77064
- Rowe, P.M.** *see* Moorhouse, T.J. 8-93965
- Rowe, P.N., Richardson, J.F., Kmiec, A.** Comments on 'Some remarks on the Richardson-Zaki equation' [and reply] 8-59465
- Rowe, P.N.** *see* Nienow, A.W. 8-84733
- Rowe, R.K., Booker, J.R., Balaam, N.P.** Application of the initial stress method to soil-structure interaction 8-59313
- Rowe, W.D., Logsdon, J.E.** United States planning guides for major radiological accidents 8-53526
- Rowell, N., Stegeman, G.I.** Brillouin scattering from isotropic metals 8-80367
- Rowell, N.L., Stegeman, G.I.** Brillouin scattering from surface phonons in thin films 8-95587
- Rower, P.** *see* Morelli, C. 8-65209
- Rowland, F.S.** *see* Chou, C.C. 8-53703
- Rowland, F.S.** *see* Spencer, J.E. 8-53227
- Rowland, F.S.** *see* Vera Ruiz, H.G. 8-81582
- Rowland, R.E., Stehney, A.F., Brues, A.M., Littman, M.S., Keane, A.T., Patten, B.C., Shanahan, M.M.** Current status of the study of ²²⁶Ra and ²²⁸Ra in humans at the center for human radiobiology 8-96075
- Rowlands, G.** *see* Cohen, R.H. 8-55740
- Rowlands, G.** *see* Infeld, E. 8-83540
- Rowlands, J.A., Duvvury, C., Woods, S.B.** Temperature-dependent electrical resistivity of potassium below 2K 8-51969
- Rowlands, J.A., Woods, S.B.** Anisotropic electron scattering in the resistivity of strained aluminium, palladium and silver 8-91656
- Rowlands, J.A., Woods, S.B.** Low-temperature magnetoresistance of concentrated Pd-Pt alloys 8-91668
- Rowlands, R.E.** *see* Hung, Y.Y. 8-57892
- Rowlett, J.F., Gardner, C.S., Richter, E.S., Sechrist, C.F., Jr.** Lidar observations of wave-like structure in the atmospheric sodium layer 8-88955
- Rowley, J.K.** *see* Bahcall, J.N. 8-58563
- Rowley, N.** Integral representations of the Coulomb amplitude 8-78118
- Rowley, P.D.** *see* Gower, M.C. 8-74888
- Rowley, P.G., Osteryoung, J.G.** Construction of a rotating ring-disc electrode from irregular electrode materials 8-92488
- Rowley, W.R.C., Shotton, K.C., Woods, P.T.** A simple moving-carriage interferometer for 1 in 10⁷ wavelength intercomparison, and a servo-controlled Fabry-Perot system for 3 in 10¹¹ accuracy 8-89452
- Rowley, W.R.C.** *see* Woods, P.T. 8-55395
- Rowson, F.H.** Fault tree analysis of an auxiliary feedwater system 8-54867
- Roxburgh, I.W.** Convection and stellar structure 8-57543
- Roxburgh, I.W., Williams, P.S.** The structure of close binaries 8-57584
- Roy, A.** First motions from nonuniformly moving dislocations 8-85486
- Roy, A.** A theorem for direct current regimes and some of its consequences 8-96131
- Roy, A.** *see* Frawley, A.D. 8-89904
- Roy, A.C., Sil, N.C.** Elastic scattering of electrons and positrons from H and Ar in the second-order eikonal approximation 8-78814
- Roy, A.N.** *see* Acharjee, D.K. 8-75185
- Roy, B.N.** *see* Kumar, A. 8-70943, 8-90294
- Roy, B.N.** *see* Singh, T.N. 8-95121
- Roy, C.L.** Basic properties of certain types of operators: A unified treatment 8-54113
- Roy, C.L.** Some aspects of spectral density of electronic states of disordered systems 8-72055
- Roy, C.L., Chakrabarty, B., Mishra, B., Sen Gupta, S.** Electromagnetic wave propagation in the ionosphere: a general treatment 8-53770
- Roy, C.L., Tripathi, S.K.** Surface states of deformed finite crystals 8-76127
- Roy, D.** *see* Das, S.K. 8-75738
- Roy, D.J.** *see* Le Roy, D.J.
- Roy, D.M., Gouda, G.R.** High-level radioactive waste incorporation into (special) cements 8-78485
- Roy, D.M.** *see* Gale, S.J. 8-95124
- Roy, D.M.** *see* McCarthy, G.J. 8-54853
- Roy, D.M.** *see* Pettifor, D.G. 8-95505
- Roy, D.P.** *see* Gavai, R.V. 8-66171
- Roy, G.** *see* McCamis, R.H. 8-74363
- Roy, H.P.** *see* Moitra, R.K. 8-50472
- Roy, J.** *see* Daftari, I.K. 8-54750, 8-58205
- Roy, J.L., Robertson, W.A.** Paleomagnetism of the Jacobsville Formation and the apparent polar path for the interval -1100 to -670 m.y. for North America 8-53616
- Roy, J.L.** *see* Lapointe, P.L. 8-65181
- Roy, J.N., Sen Gupta, H.M., Majumder, A.R., Congedo, T., Alzona, J.E.** Level properties of ⁶⁰Co from the (d,p) reaction on ⁵⁹Co 8-86478
- Roy, L.J., Bailon, C., Sanchez-Gomez, J.L.** Proton elastic scattering by nuclei: Fresnel and two-body correlation effects 8-82353
- Roy, M.G., Hough, M.N., Starr, J.R.** Some agricultural effects of the drought of 1975-76 in the United Kingdom 8-57298
- Roy, N.** *see* Sinha, C. 8-58836
- Roy, N.K.** On the Raman spectra of monomeric vinyl acetate in liquid and solid states and infrared spectrum of the polymer 8-58700
- Roy, N.N.** *see* Pradhananga, T.M. 8-87863
- Roy, O.Z.** *see* Cossalter, J.G. 8-57126
- Roy, O.Z.** *see* Mortimer, A.J. 8-96062
- Roy, P., Bugbee, B.E.** Electrochemical oxygen sensor for measurement of oxygen in liquid sodium 8-58337
- Roy, P., Rodgers, D.N.** Hydrogen burden from the steam side corrosion in sodium-heated steam generators 8-58355
- Roy, P., Walsh, T.F.** Spotting glueballs in collinear gluon jets 8-89663
- Roy, P.C.** Unsteady flow of a Maxwell fluid past a flat plate 8-59428
- Roy, R., Rioux, C., Slobodrian, R.J., Frois, B.** Bremsstrahlung in the p-d system at low energy 8-62429
- Roy, R.** *see* Banerjee, M.B. 8-59370, 8-90834
- Roy, R.** *see* McCarthy, G.J. 8-54853
- Roy, R.** *see* Messier, R. 8-60575
- Roy, R.** *see* Slobodrian, R.J. 8-89888
- Roy, R.F.** *see* Rye, D.M. 8-61356
- Roy, R.J.** *see* Le Roy, R.J.
- Roy, R.M.N.** *see* Subrahmanyam, V.V.V. 8-56545
- Roy, S.** Controlled potential deposition of silver-zinc alloys 8-51853
- Roy, S.** *see* Bandyopadhyay, P. 8-70299
- Roy, S.B.** *see* Roy, S.K. 8-60386
- Roy, S.B.** *see* Sengupta, K. 8-60383, 8-60385
- Roy, S.C.** Note on the radial deformation and stresses in anisotropic nonhomogeneous elastic media 8-51079
- Roy, S.C.** Large deflection analysis of annular plate of non-homogeneous material subjected to variable normal pressure and heating 8-94594
- Roy, S.K., Sengupta, K., Roy, S.B.** Microwave absorption and relaxation processes in some halogenated esters in the liquid state 8-60386
- Roy, S.K.** *see* Sengupta, K. 8-60385
- Roy, S.K.D.** *see* Jayaraman, V. 8-76277
- Roy, S.M., Virendra Singh** Experimental tests of quantum mechanics versus local hidden variable theories 8-77750
- Roy, S.M., Wanders, G.** Analyticity of pion-pion partial wave amplitudes and crossing symmetric dispersion relations 8-50048
- Roy, S.N., Ghose, A.M., Kraner, H.W.** Coherent scattering of gamma rays from calcium oxide 8-70881
- Roy, S.R., Bali, R., Prakash, S.** A gravitationally non-degenerate Bianchi type I cosmological model in general relativity 8-93490
- Roy, S.R., Prakash, S.** A gravitationally non-degenerate viscous fluid cosmological model in general relativity 8-61944
- Roy, T.** *see* Daftari, I.K. 8-50157, 8-54750, 8-58205
- Roy, T.** *see* Ghosh, D.C. 8-58210
- Roy, T.** *see* Ranjan *see* Ranjan Roy, T.

- Roy-Stephan, M. *see* Roussel, P. 8-70684
- Royal, J.H., Bergles, A.E. Augmentation of horizontal in-tube condensation by means of twisted-tape inserts and internally finned tubes 8-71265
- Royal, J.H., Bergles, A.E. Pressure drop and performance evaluation of augmented in-tube condensation 8-94556
- Roychaudhuri, J. *see* Singh, C.P. 8-93903
- Roychoudhury, D., Basu, P.K. Magnetic susceptibility of electrons in the quantized inversion layers 8-52009
- Roychoudhury, R.K. *see* Bhattacharyya, D.P. 8-61694
- Roychowdhury, A. *see* Ghosh, D.C. 8-58210
- Royen, E.W. Van *see* Van Royen, E.W.
- Royer, T.C. Ocean eddies generated by seamounts in the North Pacific 8-69367
- Royster, L.H. *see* Berger, E.H. 8-92644
- Royston, G.C. Comments on unrecognized systematic errors in quantitative analysis in gas chromatography 8-92537
- Roytenbourg, D.I. *see* Generalov, N.A. 8-71514
- Roz, N.K. *see* Shmanenko, Yu.S. 8-53610
- Rozal', V.F. A method of calibrating test leaks 8-53121
- Rozanov, A.N. *see* Asratyan, A.E. 8-62389
- Rozanov, E.K. *see* Kulik, P.P. 8-71452
- Rozanov, L.N., Shchenev, V.V., Akimov, Yu.D. Conductance of a vacuum valve under molecular-flow conditions 8-71398
- Rozanov, N.N. *see* Murina, T.A. 8-82998
- Rozanov, V.B. *see* Afonasyev, Yu.V. 8-83593
- Rozanov, V.B. *see* Basov, N.G. 8-79451
- Rozantseva, E.G. *see* Svirina, E.P. 8-88100
- Rozenbaum, R.B., Todes, O.M. Viscosity of a water-fluidized bed 8-59475
- Rozenberg, B.A. *see* Ponomareva, T.I. 8-51653
- Rozenberg, B.A. *see* Roztashvili, V.G. 8-87629, 8-87777
- Rozenberg, M.G. *see* Polyakov, S.P. 8-55757
- Rozenberg, O.A. *see* Il'in, L.A. 8-63304
- Rozenfeld, B. *see* Baranowski, A. 8-92141
- Rozenfel'd, E.V. Free energy of uniaxial magnet with weak exchange interaction and high magnetic anisotropy 8-68213
- Rozenfel'd, F.Z. *see* Kuznetsov, V.I. 8-57926
- Rozenman, L.S. *see* Volkova, N.V. 8-55418
- Rozental', I.V. *see* Dubinchik, E.Ya. 8-85535
- Rozental', O.M. Statistics of the electric field of an ionic solution 8-87601
- Rozental', O.M. *see* Kobleeva, R.M. 8-52056
- Rozental', Yu.A. *see* Volodin, E.Ya. 8-53779
- Rozgonyi, G.A., Pearce, C.W. Gettering of surface and bulk impurities in Czochralski silicon wafers 8-64456
- Rozgonyi, G.A. *see* Bean, J.C. 8-84078
- Rozgonyi, G.A. *see* Leamy, H.J. 8-67724
- Rozhanskii, V.A., Tsendin, L.D. Effective boundary conditions for a plasma in a magnetic field 8-55736
- Rozhanskii, V.A., Tsendin, L.D. Spreading of an inhomogeneity in a weakly ionized current-carrying plasma in a magnetic field 8-71445
- Rozhanskii, V.A. *see* Zhilinskii, A.P. 8-75278
- Rozhanskii, A.S. *see* Bogachev, E.N. 8-84261
- Rozhda, A.F. *see* Ermolenko, A.S. 8-91863
- Rozhdestvenskaya, I.V. *see* Semenova, T.F. 8-79594
- Rozhdestvenskaya, M.K. *see* Lange, Yu.V. 8-53086
- Rozhdestvenskaya, N.B., Gorbacheva, E.N., Ryabinin, A.N. Apparatus for determining scattering coefficient of light in a liquid by an absolute method 8-86319
- Rozhdestvenskaya, T.B., Aknaev, R.F., Galakhova, O.P. Standards of the AC voltage unit and a system for its transfer in the USSR over the frequency range 20 Hz-30 MHz 8-93734
- Rozhdestvenskaya, T.V. *see* Danileiko, M.V. 8-59060
- Rozhdestvenskii, B.L. *see* Levitan, Yu.L. 8-59364
- Rozhdestvenskii, S.M. *see* Yurenkov, V.K. 8-53076
- Rozhdestvenskii, V.V. *see* Budnikov, V.N. 8-79439
- Rozhentseva, T.M. *see* Aleksandrov, V.V. 8-92473
- Rozhin, F.V. *see* Vinogradov, N.S. 8-53659
- Rozhko, A.Kh. *see* Gnatenko, Yu.P. 8-72557
- Rozhkov, V.V. *see* Borisevich, N.A. 8-82780
- Rozhnov, M.S. Static methods for certifying composition of binary gas mixtures 8-76961
- Rozhnov, M.S., Butko, V.M. Preparation and certification of standard gas mixtures at high pressures by static methods 8-93718
- Rozhnov, M.S. *see* Goloborod'ko, N.P. 8-80818
- Rozier Holland, L. *see* Davidson, M.C. 8-88424
- Roziere, J., Williams, J.M. The hydrated proton $H^+(H_2O)_n$. VII. A neutron diffraction study of the isolated diaquooxonium ion $H_3O^+ \cdot 2H_2O$ in 2,5-dichlorobenzenesulphonic acid trihydrate 8-58855
- Rozina, I.A. *see* Busharov, N.P. 8-79649
- Rozina, I.A. *see* Gusev, V.M. 8-95083
- Rozina, M.V. *see* Blistanova, T.A. 8-95895
- Rozman, G.A. Graphical method for the determination of the binding energy of dipolons in alkali halide crystals 8-59805
- Rozneritsa, Ya.A., Prodan, V.D. Influence of the Coulomb screening on the optical absorption in semiconductors 8-72568
- Roznerski, W.H. On the interaction of thermal electrons with molecules of polyatomic gases 8-62919
- Rozniakowski, K. *see* Drobniak, A. 8-92147
- Rozov, A.L. *see* Kolesnikov, E.K. 8-70629
- Rozov, B.S. *see* Vyskub, V.G. 8-87145
- Rozov, S.I. *see* Drobysheski, E.M. 8-71506
- Rozsa, C.M. *see* Youngblood, D.H. 8-50183
- Rozsnyai, B.F. Spectrum profiles in the presence of Stark, Lorentz and Doppler broadenings 8-86820
- Rozum, E.I. *see* Plotnikov, S.V. 8-84646
- Rozumnyuk, V.T. *see* Nesterenko, B.A. 8-72037
- Rozvany, G.I.N., Mroz, Z. Column design: optimization of support conditions and segmentation 8-51062
- Rozvany, G.I.N. *see* Hill, R.D. 8-63332
- Rozyczka, M. The globular cluster age determination 8-61751
- Rozyczka, M. Stars with shell energy sources. I. Special evolutionary code 8-61848
- Rozyczka, M. Stars with shell energy sources. II. Circumstances of the helium flash 8-89169
- Rozyczka, M. *see* Schwarzenberg-Czerny, A. 8-61865
- Rozynek, J. *see* Dabrowski, J. 8-70478
- Rtischeva, N.P., Sukhorukov, V.V. Simulating the operating conditions of a through-type eddy-current transducer when inspecting ferromagnetic rods 8-53077
- Ru-liang Liu *see* Liu Ru-liang
- Ruan Tu-Nan, Ho Tso-Hsiu Can the principle of microcausality be removed arbitrarily? 8-86195
- Ruan Tu-nan *see* Tu Tung-sheng 8-77740
- Ruban, A.I. The theory of laminar separation of a fluid at an angular inflection on a solid surface 8-67169
- Rubanov, A.S. *see* Ivakin, E.V. 8-71794, 8-82934
- Rubanov, G.M. *see* Aleshin, I.V. 8-80438
- Rubashkin, A.L. *see* Gorbenco, V.G. 8-54637
- Rubbens, A. *see* Mairesse, G. 8-63720
- Rubbia, C. *see* Baum, L. 8-89758
- Rubbia, C. *see* Bregman, M. 8-89768
- Rubbia, C. *see* Carron, G. 8-90006
- Rubbia, C. *see* Wanderer, P. 8-66073
- Ruben, D.J. *see* Pines, A. 8-76353
- Rubenchik, A.M. Absorption of powerful laser-light and harmonic generation 8-75359
- Rubenok, A.A. The method of definition of the source dimension according to diffraction image on the basis of Chebyshev approximation 8-82903
- Rubenstein, T.G. *see* Montgomery, H.E. 8-94330
- Rubezhanskii, Yu.I. *see* Litvinov, V.G. 8-63409
- Rubezhnyi, Yu.G. *see* Karnakov, B.M. 8-50673
- Rubichev, N.A. Analysis of waveform distortions due to instability of recording and playback speeds 8-73981
- Rubin, A.B. *see* Noks, P.P. 8-69012
- Rubin, B., Steiner, D.A., McCubbin, T.K., Jr., Polo, S.R. Rotational Raman spectrum of cyclopropane 8-86873
- Rubin, G.A. *see* Leach, M.F. 8-62179, 8-62180, 8-62181
- Rubin, H. *see* Heller, M. 8-70689
- Rubin, I.R. *see* Roizen, L.I. 8-59272
- Rubin, L.G. *see* Sample, H.H. 8-57960
- Rubin, M. *see* Plafker, G. 8-88804
- Rubin, M.H. Figures of merit for energy conversion processes 8-62008
- Rubin, M.P. Applicability of accepted diffusion models to near stack dose calculations 8-94147
- Rubin, P.D. *see* Turner, D.A. 8-65111
- Rubin, P.L. On the possibility of measuring the intrinsic magnetic moment of a free electron 8-86430
- Rubin, R., Muller, M., Schulz, V. Continuous intravascular oxygen-saturation measurement—methodical investigation and clinical application 8-85411
- Rubin, R.J. *see* Dimarzio, E.A. 8-75931
- Rubin, V.C. NGC 5506: an X-ray Seyfert galaxy 8-93411
- Rubin, V.C., Ford, W.K., Jr., Peterson, C.J., Lynds, C.R. A new mapping of the velocity field of NGC 1275 8-81680
- Rubinina, N.M. *see* Ivanova, Z.I. 8-71151
- Rubino, N. *see* Bini, M. 8-72339, 8-95485
- Rubinov, A.N. *see* Adamushko, A.V. 8-70197
- Rubinshtein, A.I. *see* Kornyshev, A.A. 8-82879
- Rubinshtein, E.A. *see* Bepal'kova, I.A. 8-60598
- Rubinsky, B., Shitzer, A. Analytic solutions to the heat equation involving a moving boundary with applications to the change of phase problem (the inverse Stefan problem) 8-90694
- Rubinstein, H., Stodolsky, L. Threshold bump in charm photoproduction 8-70379
- Rubinstein, H.R. *see* Lipkin, H.J. 8-62397, 8-93863
- Rubinstein, J., Laframboise, J.G. Upper-bound current to a cylindrical probe in a collisionless magnetoplasma 8-91154
- Rubio, J.A. *see* Aguilar-Benitez, M. 8-82228
- Rubio, J.A. *see* Cooper, A.M. 8-62465, 8-78205
- Rubio, J.A. *see* Nacasch, R. 8-54646
- Rubio, J.E. *see* Holden, A.V. 8-92618
- Rubio, J.M.G. *see* Monreal, F.J.G. 8-76972
- Rubio, J.O., Medrano, C.P. Effect of temperature on the EPR spectra of Mn^{2+} and Fe^{3+} in magnesium oxide 8-60332
- Rubloff, G.W. Selection rule effects in electronic excitations of chemisorbed molecules as studied by energy loss spectroscopy 8-76566
- Rubloff, G.W., Freeouf, J.L. Surface optical excitations associated with CO chemisorption on Ni(111) 8-84064
- Rubloff, G.W. *see* Luth, H. 8-72699
- Rubo, G.A. *see* Koutchuk, S. G. 8-89140
- Rubtsov, L.N. *see* Novikov, G.G. 8-61814
- Rubtsov, N.A., Burka, A.L., Stepanenko, P.I. Transient radiation-conductive heat transfer in selectively-absorbing media 8-94572
- Rubtsov, N.A. *see* Burka, A.L. 8-90670
- Rubtsov, V.B. *see* Vladimirov, Yu.A. 8-80836
- Rubtsov, V.D. Statistical characteristics of signal and atmospheric noise mixture in the HF band 8-57276
- Rubtsov, V.N., Galuza, A.I., Kirichenko, A.P., Konstantinov, V.A. Pulsed controlled source of vacuum ultraviolet with line spectrum 8-87115
- Ruch, E., Lesche, B. Information extent and information distance 8-77824
- Ruch, E., Schraner, R., Seligman, T.H. The mixing distance 8-77662
- Ruch, E. *see* Alden Mead, C. 8-77687
- Ruch, R.R., Cahill, R.A., Frost, J.K. The application of neutron activation analysis to coal research 8-85740
- Ruchick, L. *see* Burns, J.O. 8-57662
- Ruchkin, A.D. *see* Bryle, I.S. 8-53772
- Ruchkin, V.V. *see* Filonenko, V.A. 8-77297
- Ruchowska, E. *see* Kurciewicz, W. 8-86504
- Ruchti, R.C. *see* Cason, N.M. 8-82240
- Rucinski, S.M. *see* Worden, S.P. 8-77580
- Ruck, G.W. *see* Yang, T.F. 8-54894
- Ruck, V. *see* Ciftan, M. 8-91541
- Ruckdeschel, F.R., Stephan, C.H. Line-profile measurement of xerographic copy 8-74088
- Ruckenstein, E. The origin of thermodynamic stability of microemulsions 8-85203
- Ruckenstein, E. On the thermodynamic stability of microemulsions 8-95962
- Ruckenstein, E., Dunn, C.S. Stability of thin solid films 8-79911
- Ruckl, R. Soft electromagnetic bremsstrahlung in the inelastic hadronic collisions at high and intermediate energies 8-62430
- Ruckle, B. *see* Schmidt, H. 8-55745
- Ruckmann, I., Puls, J., Voigt, J. Induced absorption of CdS single crystals in the energy ranges of exciton and exciton-biexciton transitions 8-72548
- Rud', B.M. *see* Samsonov, G.V. 8-52703
- Rud, N., Bottiger, J., Jensen, P.S. Measurements of energy-loss distributions for 6.5 MeV ^{15}N ions in solids 8-59845
- Rud, V.I. *see* Dzhanbusinova, M. 8-89762
- Rud, V.I. *see* Ermilova, D.I. 8-62468
- Rud', Yu.V. *see* Mal'tseva, I.A. 8-72200, 8-84650
- Ruda, M.C. *see* Wilkinson, E.L. 8-59118
- Rudachevskii, E.G. *see* Leycuras, C. 8-68482
- Rudakov, A.A. *see* Bogachev, I.N. 8-82297
- Rudakov, L.I., Tsytovich, V.N. Strong Langmuir turbulence 8-51302
- Rudakov, L.I. *see* Afonin, I.P. 8-54911
- Rudakov, L.I. *see* Baranchikov, E.I. 8-87455
- Rudakov, N.S. Effect of aerosol particles on the formation of fast plasma streams in an electric arc 8-51390
- Rudakov, V.N., Marchuk, G.M. Nonuniform polarization of piezoceramic articles by a microwave polarization method 8-72969
- Rudakov, V.N. *see* Marchuk, G.M. 8-72968
- Rudakov, V.P. *see* Artemov, K.P. 8-86486
- Rudakova, T.E. *see* Tikhonova, N.I. 8-88513
- Rudashevskii, E.G. *see* Merkulov, V.S. 8-88285
- Rudat, M.A., Morrison, G.H. Detector discrimination in SIMS: ion-to-electron converter yield factors for positive ions 8-73100
- Rudat, V. *see* Kluge, G. 8-95395
- Rudaz, S. *see* Bhanot, G. 8-89666
- Rudberg, B.L. Spectrophotometer with linear output 8-86344
- Rudd, J.L. *see* Hus, T.M. 8-67118
- Rudd, M.O. Rearview periscope comprised of two concave cylindrical mirrors 8-71178
- Ruddick, K. *see* Biegert, E. 8-93901
- Ruddick, K. *see* Makdisi, Y. 8-78221
- Ruddick, K. *see* Marshak, M.L. 8-82245
- Ruddick, K. *see* Price, L.E. 8-78209
- Ruden, W. *see* Hansl, T. 8-89698

- Ruden, W. von *see* von Ruden, W.
 Ruden, W. Von *see* Von Ruden, W.
 Rudenko, A.I., Arkhipov, V.I. A model of electret discharge 8-80279
 Rudenko, A.I. *see* Bakaev, D.S. 8-49905
 Rudenko, A.N. *see* Il'chenko, M.A. 8-83146
 Rudenko, L.F. *see* Shepelev, Yu.S. 8-56807
 Rudenko, N.S. *see* Slusar', V.P. 8-87426
 Rudenko, O.V. *see* Bakhvalov, N.S. 8-94469
 Rudenko, O.V. *see* Kaner, V.V. 8-50974
 Rudenko, O.V. *see* Novikov, B.K. 8-50976
 Rudenko, O.V. *see* Novikov, N.N. 8-51542, 8-71745
 Rudenko, V.M. Determining the natural frequencies of an astatic gyroscope with elastic cardan suspension 8-51056
 Rudenko, V.M. Dynamics of an astatic gyroscope with electric cardan suspension 8-63273
 Rudenko, V.N., Sorokin, V.B. Backscattering of high-energy electrons in thickness-composition monitoring for surface layers 8-53146
 Rudenko, V.N. *see* Karataev, V.D. 8-60944
 Rudenko, V.P., Katsov, K.B., Kokotailo, I.V., Makarenko, V.G. Effect of stress concentration on short-cycle fatigue steels 8-95859
 Rudenko, V.P., Kokotailo, I.V., Pavlov, V.S., Gonchar, I.G. The link between frequency of cyclic loading and the fatigue endurance of high-strength steel in air and in a corrosive environment 8-56810
 Ruderman, I.W. *see* Paisner, J.A. 8-55407
 Ruderman, M. *see* Beg, M.A.B. 8-54599
 Rudge, A. *see* Singh, J. 8-93910
 Rudge, M.R.H. Electron collisions with strongly polar molecules 8-66670
 Rudiger, O., Grewe, H., Kolaska, J. Wear resistant coating of hard metal 8-92405
 Rudin, A. *see* Chee, K.K. 8-79393
 Rudin, G.I. *see* Leitsina, V.G. 8-51233
 Rudina, M.P. *see* Depuyeva, A.Kh. 8-69579
 Rudisill, J.E. *see* Harrington, J.A. 8-90463
 Rudisill, J.H., III *see* Peterson, J.T. 8-92982
 Rud'ko, A.P. *see* Kapinos, V.M. 8-83476
 Rudko, V.N. *see* Fishchuk, I.I. 8-87953
 Rudko, V.N. *see* Pavlovich, V.N. 8-79818
 Rudman, P.S., Reilly, J.J., Wiswall, R.H. The formation of metastable hydrides $Ti_{0.75}Al_{0.25}H_x$ with $x < 1.5$ 8-51682
 Rudman, P.S. *see* Janai, M. 8-64866
 Rudner, S., Claeson, T., Wahlsten, S. Temperature and magnetic field variations in the resistance, $\cos \phi$ conductance, and effective capacitance of small Josephson junctions 8-84357
 Rudnev, O.E. *see* Mende, F.F. 8-68109
 Rudnev, O.V. *see* D'yakonov, V.P. 8-86253
 Rudneva, N.M. *see* Kozlova, M.N. 8-60651
 Rudnevskii, N.K. *see* Maksimov, D.E. 8-61110
 Rudnick, I. Critical surface density of the superfluid component in 4He films 8-63891
 Rudnick, I. Unconventional reciprocity calibration of transducers 8-83200
 Rudnick, I. *see* Garrett, S. 8-79831
 Rudnick, J., Jasnow, D. ϵ expansion for the interfacial profile 8-51641
 Rudnick, J. *see* Jasnow, D. 8-83911
 Rudnick, L. Ionized gas in X-ray clusters of galaxies: radio limits 8-89243
 Rudnicka, H. *see* Bartke, J. 8-66169
 Rudnicka, H. *see* Burnett, T.H. 8-89853, 8-89854
 Rudnicka, H. *see* Moriyasu, K. 8-66165
 Rudnicka, H. *see* Yuldashev, B.S. 8-62575
 Rudnicki, J.W. *see* Rice, J.R. 8-51073
 Rudnicki, K. Clusters of extragalactic objects and their clustering 8-96580
 Rudnicki, T. Some aspects of radiobiology of mammal gonads 8-77090
 Rudnicki, T., Sloninska, B. The effect of ionizing radiation on the population of granulosa cells in ovaries of mice 8-73177
 Rudnitskii, V.A. *see* Kozlov, A.G. 8-88611
 Rudobashata, S.P., Dmitriev, V.M., Planovskii, A.N. Study of the permeability to water vapour of polymeric membranes 8-53255
 Rudolf, G. *see* Olmi, A. 8-82375
 Rudolph, A.M. *see* Lister, G., Jr. 8-65067
 Rudolph, D. *see* Haelbich, R.-P. 8-63189
 Rudolph, E., Borner, G. The importance of gravitational self-field effects in binary systems with compact objects. I. The 'static two-body problem' and the attraction law in a post-Newtonian approximation of general relativity 8-93574
 Rudolph, G. *see* Laven, H. 8-66163
 Rudolph, G. *see* Otter, G. 8-82251
 Rudolph, H.D. *see* Botskor, I. 8-82720
 Rudolph, H.D. *see* Tan, B.T. 8-82721
 Rudolph, J., Bachmann, K. The use of radionuclides for the determination of adsorption isotherms of volatile chlorides 8-76902
 Rudolph, M.J., Mogul, P.H., Longo, F.R. The conductances of barium, barium perchlorate and potassium perchlorate in liquid ammonia at $-62.37^\circ C$ 8-91459
 Rudolph, P. *see* Ickert, L. 8-63688
 Rudolph, R., Schlosser, W., Schmidt-Kaler, Th., Tug, H. Characteristics of optical multi-element detectors 8-53830
 Rudolph, R.N. *see* Strickler, S.J. 8-86906
 Rudolph, S. *see* Dobrin, R. 8-69205
 Rudolph, V. *see* Bonart, R. 8-76722
 Rudolph, W. *see* Bauer, C. 8-70923
 Rudolph, W. *see* Crancon, J. 8-70497
 Rudov, S.G. *see* Anzina, L.V. 8-68488
 Rudovol, T.V., Stafeyev, V.I., Saidov, M.S., Nikitin, V.V., Mamedova, A.Z., Anisimova, I.D. The photoelectric properties of p-i-n structures made from high-resistance $Ga_{1-x}Al_xAs$ solid solutions, doped with Ni and Cr 8-95353
 Rudovskii, B.P. *see* Gromov, Yu.V. 8-70603
 Rudraiah, N., Veerabhadraiah, R. Temperature distribution in Couette flow past a permeable bed 8-51165
 Rudshstein, V.L. *see* Mavashev, Yu.Z. 8-83066
 Rudstam, G. *see* Aleklett, K. 8-86512
 Rudy, R.J., Herman, L.C. The variable linear polarisation of the O-star binary HD 47129 (Plaskett's star) 8-53989
 Rudy, R.J., Kemp, J.C. A survey of nine beta Cephei stars for magnetic fields 8-65631
 Rudy, R.J. *see* Kemp, J.C. 8-85899
 Rudyak, V.M. *see* Kharitonov, Yu.N. 8-68459, 8-92038
 Rudyk, V.D. *see* Pyatin, S.I. 8-77941
 Rudzikas, Z.B. *see* Bogdanovich, P.O. 8-70791
 Rudzikas, Z.B. *see* Sleptsov, A.A. 8-82789
 Rudzinski, W., Patrykiejew, A., Narkiewicz, J. Critical properties of Bergmann's model for mobile monolayer adsorption 8-84073
 Rudzinski, W. *see* Jaronic, M. 8-60030
 Rudzinski, W. *see* Patrykiejew, A. 8-79877, 8-91550, 8-91551
 Rue, R.M. De la *see* De la Rue, R.M.
 Rueckner, W.H.E., Barlas, A.D., Wellenstein, H.F. Observation and removal of higher-order (ghost) energy-loss lines present in Mollenstedt electron velocity analyzers 8-93786
 Rueckner, W.H.E. *see* Barlas, A.D. 8-90299
 Rueda, D.R., Hidalgo, A., Balta Calleja, F.J. An i.r. study of the 'amorphous' phase in melt crystallized polyethylene 8-76463
 Ruegg, F.C. *see* Barkely, J.F. 8-73127
 Ruegg, H. *see* Gunaydin, M. 8-69999
 Ruegg, K. *see* Meier, P. 8-92010
 Ruegg, W. *see* Birnbaum, H.K. 8-80269
 Ruegg, W. *see* Camani, M. 8-82259
 Ruegg, W. *see* Schilling, H. 8-80267
 Ruemmler, P.S. *see* Sullivan, M.F. 8-65082
 Rueping, J.E., Hillberry, B.M., Mettler, S.C., Stevenson, W.H. Comparative study of fatigue crack closure 8-72833
 Rues, D. Simulation of activation regions behind shock waves 8-90934
 Ruf, R. Compensation point temperature sensor 8-93679
 Rufenach, C. *see* Hasselmann, K. 8-81418
 Rufener, F. *see* Burki, G. 8-61854
 Rufer, H., Wurfel, P., Ruppel, W. Hydrogen partial pressure in water photolysis 8-64858
 Ruff, A.W. Measurements of plastic strain in copper due to sliding wear 8-64731
 Ruff, A.W. Quantitative methods in wear debris analysis 8-64912
 Ruff, A.W. *see* Ives, L.K. 8-64725
 Ruff, G.A. *see* Spezeski, J.J. 8-89594
 Ruff, I. *see* Szabo, Z.G. 8-88326
 Ruff, M.W. *see* Niehaus, A. 8-78795
 Ruffell, D.E. A temperature controlled water bath for viscosity measurement 8-59525
 Ruffini, R. *see* Damour, T. 8-57573
 Ruffo, S. *see* Baracca, A. 8-62105
 Ruffo, S. *see* Cornia, A. 8-57853
 Ruge, P. Two-dimensional matrix dependent method with parameter transformation by additional postulation of compatibility 8-79202
 Ruggeri, R. *see* Giuliano, E.S. 8-95258
 Ruggeri, T. Euler-Lagrange hyperbolic systems of the second order and relativistic strings 8-54209
 Ruggeri, T. Exceptional waves and characteristic shocks on non-linear relativistic strings 8-89618
 Ruggeri, T. *see* Ferraioli, F. 8-93367
 Ruggiero, J.R., Zimmerman, A.H., Villani, A. Application of analytic regularization to the Casimir forces 8-81887
 Ruhenbeck, C. Activity and steady-state diffusion 8-95176
 Ruhl, W., Yunn, B.C. The asymptotic reduction of products of representations of the universal covering group of $SU(1,1)$ 8-58137
 Ruhrschopf, E.-P. *see* Schwierz, G. 8-88745
 Rui Ju *see* Ju Rui
 Rui-Ping Peng *see* Peng Rui-Ping
 Rui-zhen Yu *see* Yu Rui-zhen
 Ruigrok, J.J.M. *see* van den Berg, H.A.M. 8-71180
 Ruigrok, T.W. *see* Czyz, W. 8-58134
 Ruitenber, A.A., Ludman, A. Stratigraphy and tectonic setting of early Paleozoic sedimentary rocks of the Wirral-Big Lake area, southwestern New Brunswick and southeastern Maine 8-57199
 Ruiz, A. *see* Jakobsson, B. 8-66297
 Ruiz, H.G. Vera *see* Vera Ruiz, H.G.
 Ruiz, H. Vera *see* Vera Ruiz, H.
 Ruiz De Velasco, C. *see* Garza, T. 8-65395
 Ruiz Mejia, C. *see* Vazquez Polo, G. 8-76016
 Ruiz-Vizcaya, M.E. *see* Novaro, O. 8-56891
 Rujan, P. Calculation of the free energy of Ising systems by a recursion method 8-52186
 Rujala, A. *see* de Rujala, A.
 Rukes, B., Peters, N. Asymptotic development in the terms of large activation energies for laminar diffusion flames 8-91035
 Rukhadze, A.A., Rukhlin, V.G., Sever'yanov, V.V. Dynamics of induced field during injection of a relativistic electron beam into a plasma 8-59616
 Rukhadze, A.A. *see* Alterkop, B.A. 8-75375
 Rukhadze, A.A. *see* Kuzelez, M.V. 8-59605
 Rukhin, V.B. *see* Dudkin, V.A. 8-50767, 8-55348
 Rukhlenko, V.P. *see* Krotikov, V.A. 8-87627
 Rukhlin, V.G. *see* Rukhadze, A.A. 8-59616
 Rukhovets, L.V. *see* Il'in, V.M. 8-81298
 Rukin, E.I. *see* Gus'kov, V.P. 8-52451
 Rukin, V.V. *see* Korobova, T.A. 8-60603
 Rukman, G.I. *see* Abakumov, B.M. 8-50716, 8-74862
 Rukmini, T.S. *see* Chatterjee, S.K. 8-78864
 Rukyak, V.M. *see* Kharitonov, Yu.N. 8-60411
 Ruland, R. *see* Wiegand, W. 8-75587
 Ruland, W., Wiegand, W. Preferred orientation in noncrystalline polymers 8-75560
 Ruland, W. *see* Bayer, R.K. 8-67163
 Ruland, W. *see* Kluever, W. 8-76342
 Rulev, N.N., Deryagin, B.V., Dukhin, S.S. Kinetics of the flotation of fine particles by a group of bubbles 8-53261
 Rulev, N.N. *see* Dukhin, S.S. 8-51221
 Rulikowska-Zarebska, E. *see* Jagusztyn, W. 8-74545
 Rulina, Z.M. *see* Balatskii, K.K. 8-56687
 Rulis, A.M., Smith, K.M., Scoles, G. Intermolecular forces in hydrogen-noble gas mixtures 8-62867
 Rull, L.F. *see* Brey, J.J. 8-91212
 Rulliere, C. *see* Ducasse, L. 8-82941
 Rulmont, A. Preparation of bismuth oxyiodide; thermogravimetric, infrared and structural study of its thermal decomposition under dry oxygen 8-53205
 Rumanov, E.N. Slow thermal wave in a helium flow 8-56005
 Rumanova, I.M., Iorysh, Z.I., Belov, N.V. Crystal structure of triclinic chalcidite $Ca_2[B_3O_6]Cl \cdot H_2O = Ca_2[B_3^{2-}B_2^{2-}O_6]Cl \cdot H_2O$ 8-63737
 Rumbeshta, N.N. *see* Filonenko, V.A. 8-77297
 Rumble, J.R., Jr. *see* Khayrallah, G.A. 8-55243
 Rumi, G.C. Peculiar lunar echoes at 13.866 MHz 8-93032
 Rumiantsev, V.L. *see* Alexeev, V.L. 8-54721
 Rummel, E.W. Low-level-light detector checks optical cables fast 8-54455
 Rummel, F., van Heerden, W.L. Suggested methods for determining sound velocity 8-81433
 Rummel, F. *see* Atkinson, R.H. 8-96313
 Rummel, F. *see* Hallbauer, D.K. 8-81431
 Rummary, T.E. *see* Taylor, P. 8-95015
 Rump, S.L. von *see* von Rump, S.L.
 Rumpf, F. *see* Quenzer, A. 8-70370
 Rumpf, J. *see* Albrecht, L. 8-89995
 Rumsby, P.T. *see* Raven, A. 8-79471
 Rumsby, P.T. *see* Wickens, L.M. 8-71513
 Rumstay, K.S. Astrometric observations of the minor planet 433 Eros during the opposition of 1975 8-57485
 Rumyantsev, A.A. Motion of deflected front of a shock wave in a nonuniform medium 8-83422
 Rumyantsev, A.Yu., Pushkarev, V.V., Zemyanov, M.G., Parshin, P.P., Chernoplekov, N.A. Experimental study of unpaired ion-ion interaction via conductivity electrons in aluminium 8-87751
 Rumyantsev, D.E. *see* Okolotin, V.S. 8-68124
 Rumyantsev, S.V. Relationships between chronogeometry and the diarc method in general relativity 8-54265
 Rumyantsev, S.V. Chronogeometry and the dyadic method in relativity theory 8-65826
 Rumyantsev, V.N. Selection of mineralizers in the hydrothermal synthesis and growth of crystals 8-72715
 Rumyantsev, V.S. *see* Amaglobeli, N.S. 8-54652
 Rumyantsev, V.V. *see* Libenson, B.N. 8-87933
 Rumyantseva, N.N. *see* Samorukov, B.E. 8-52545
 Run-Jian Li *see* Li Run-Jian
 Runalls, R.H. *see* Haig, N.D. 8-50899
 Runca, E. *see* Melli, P. 8-81399

- Runchal, A.K., Bealer, A.W., Segal, G.S. A completely Lagrangian random-walk model for atmospheric dispersion 8-81380
- Runciman, W.A. see Smith, G. 8-52537
- Runco, V. see Zencka, A.E. 8-81028
- Runcorn, S.K. The ancient lunar core dynamo 8-65521
- Runcorn, S.K. The origin of lunar palaeomagnetism 8-93132
- Runcorn, S.K. On the possible existence of superheavy elements in the primeval Moon 8-96412
- Rund, D. see Port, H. 8-63986
- Runda, V. Machine synthesis of holograms 8-66784
- Rundel, R.D., Butler, D.M., Stolarski, R.S. Uncertainty propagation in a stratospheric model. I. Development of a concise stratospheric model 8-85634
- Rundel, R.D. see Smith, K.A. 8-58795
- Rundel, R.D. see Stolarski, R.S. 8-85635
- Runcó, J. The radioactive properties and biological behavior of ^{224}Ra (ThX) and its daughters 8-96090
- Rundo, J., Markun, F., Sha, J.Y. Postprandial changes in the exhalation rate of radon produced in vivo 8-69224
- Runesson, K., Tagnfors, H., Wiberg, N.-E. Finite element analysis of ground water flow and settlements in aquifers confined by clay 8-92875
- Runge, P.K., Cheng, S.S. Atlanta Fiber System Experiment: Demountable single-fiber optic connectors and their measurement on location 8-94433
- Runk, R.B. see Paek, U.C. 8-83127
- Runnalls, O.J.C. Canada's role as a uranium supplier 8-86627
- Runova, T.K. see Iveronova, V.I. 8-67608
- Runt, J., Harrison, I.R. On the location of chain ends in polyethylene single crystals 8-71687
- Runtso, M.F. see Bondarenko, V.G. 8-82572
- Ruoff, A. see Rossi, I. 8-64353
- Ruoff, A.L., Chua, J.O. Elastic scaling parameters in the yield stress of metals 8-53047
- Rup, R. see Bhargava, S.C. 8-71277
- Rupert, A.L. see Crow, G. 8-88717
- Rupert, P. see Suski, G. 8-59034
- Rupert, P.R., Gagnon, W.L., Berkbiger, L.W., Gritton, D.G. A new isolation and control concept for large pulse power systems or common mode plus [Shiva laser supply] 8-54935
- Rupert, P.R. see Gagnon, W.L. 8-55015, 8-59038
- Rupert, V.C. see Shay, H.D. 8-91132
- Rupert, V.C. see Storm, E.K. 8-58312, 8-74471
- Rupertsberger, H. see Balachandran, A.P. 8-54225, 8-54226
- Rupp, M., Ahlrichs, R. Theoretical investigation of structure and stability of oligomers of LiH, NaH, LiF, and NaF 8-78640
- Ruppe, H.O. Optimization of the ion-propelled space tug 8-53798
- Ruppe, R. see Niske, W. 8-87523
- Ruppel, W. see Butendich, R. 8-95337
- Ruppel, W. see Rufer, H. 8-64858
- Ruppersberg, H. see Kleeberger, L. 8-51567
- Ruppert, E. see Reichel, H. 8-62591
- Ruppert, U. see Denner, H.D. 8-49842
- Ruppik, H.G. Interactions of steep-fronted pressure waves with a heterogeneous combustion field 8-63504
- Ruppin, R. Validity range of the Maxwell-Garnett theory 8-68507
- Ruppin, R. Infrared absorption in rectangular crystallites 8-95583
- Rupprecht, H.S. Ion implantation 8-71753
- Rupprecht, H.S. Diffusion phenomena in silicon 8-71884
- Rupyshev, V.G. see Shepurev, E.I. 8-90466
- Rusakov, S. see Conetti, S. 8-93905
- Rusakov, S. see Hartmann, J. 8-62460
- Rusakova, I.A. see Al'shits, V.I. 8-79509
- Rusakovich, N.A. see Amaglobeli, N.S. 8-54652
- Rusam, W. see Beck, K. 8-88758
- Rusam, W. see First, R.S. 8-81037
- Rusam, W. see Krischna Murthy, T.G. 8-80991
- Rusan, V.V. see Glebova, L.B. 8-87176
- Rusanov, A.I., Kuz'min, V.L. Effect of an electric field on the surface tension of a polar liquid 8-51791
- Rusanov, A.I. see Kuz'min, V.L. 8-53212
- Rusbridge, M.G. see Mossack, P.R. 8-87490
- Rusbridge, M.G. see Phillips, K. 8-91146
- Rusbult, D., Elbern, A. Density measurement of sputtered metals by fluorescence spectroscopy 8-67422
- Rusbult, D., Schlott, M. Experimental determination of electron densities by 90° collective scattering of CO_2 laser light 8-67433
- Rusch, D. see Bachmann, H. 8-62604
- Rusch, D. see Fritscher, U. 8-74470
- Rusch, D.W. see Frederick, J.E. 8-88960
- Rusch, R. see Brandelick, R. 8-62416
- Ruscic, B., Kovac, B., Klasinc, L., Gusten, H. Photoelectron spectroscopy of heterocycles. Fluorene analogues 8-94286
- Rusck, S. see Vlastos, A.E. 8-67579, 8-87553
- Ruse, G.F. see Geller, S. 8-75871
- Rush, J.D. see Leiper, W. 8-72439
- Rush, J.J., Rowe, J.M., Bouraeu, G., Kleppa, O.J. Comment on 'High temperature thermodynamics of palladium-hydrogen. II. Temperature dependence of partial molar properties of dilute solutions of hydrogen in the range 500-700K' [J. Chem. Phys. 65, 3915 (1976)]. Reply to Rush and Rowe's comments 8-68910
- Rush, J.J. see Rowe, J.M. 8-67783
- Rush, J.J. see Santoro, A. 8-95018
- Rush, J.J. see Wilkinson, M.K. 8-86703
- Rush, S. Relationships among Green's theorem, Helmholtz' theorem, and integral equation methods of solving the forward ECG problem 8-57090
- Rush, S., Larsen, H. A practical algorithm for solving dynamic membrane equations 8-77038
- Rushbrooke, J.G., Webber, B.R. High energy antiparticle-particle reaction differences and annihilations 8-74279
- Rushbrooke, J.G. see Bust, C.P. 8-93909
- Rushchits, T.Yu. see Bologov, G.A. 8-72858
- Rushchitskii, Ya.Ya. A case of wave propagation in a mixture of elastic materials 8-59335
- Rushmore, W.L., Taulbee, D.B. Numerical investigation of developing pipe flows of arbitrary curvature 8-79378
- Rushneck, D.R., Diaz, A.V., Howarth, D.W., Rampack, J., Olson, K.W., Dencker, W.D., Smith, P., McDavid, L., Tomassian, A., Harris, M., Bulota, K., Biemann, K., LaFleur, A.L., Biller, J.E., Owen, T. Viking gas chromatograph-mass spectrometer 8-77460
- Rushton, C. New chemical monitoring laboratory from EIL 8-61123
- Rushton, W.A.H. see Fulton, A.B. 8-69062, 8-69063
- Rushworth, A.J. see Hayes, W. 8-80349
- Rusin, L.Y. see Bauer, W. 8-73025
- Rusina, E.N. Determination of atmospheric aerosol turbidity characteristics from spectral actinometric observations 8-92986
- Rusinovich, Yu.I. see Krasnikova, S.I. 8-88526
- Rusishvili, D.G. see Shekrladze, I.G. 8-79192
- Rusk, J. Planetarium design: a winner near Dallas 8-81777
- Ruskell, G. New and neglected nerve terminals in extrinsic eye muscles 8-56970
- Ruskin, H. see Gaunt, D.S. 8-70066
- Ruskol, V.A., Pirumov, U.G. Isobaric turbulent reacting jet issuing into a costream 8-63509
- Ruskol, Ye.L. see Mayeva, S.V. 8-73665
- Rusovich, M.S. see Breslav, Yu.A. 8-58084
- Russ, J., Edelstein, R., Green, D., Halpern, H., Makuchowski, E., Stein, N., Scharfman, N., Bar-Yam, Z., Dowd, J., Kern, W., Russell, J., Singer, M. Line reversal in baryon exchange processes 8-78202
- Russ, J.C. Resolving spectrum interferences using non-Gaussian peaks 8-78050
- Russ, J.S. see Roberts, T.J. 8-82392
- Russ, M.E. see DuBois, R.D. 8-58839
- Russak, M.A. Homogenization of multicomponent glasses 8-64520
- Russakov, S.S. see Gerastchenko, O.A. 8-94505
- Russak, A. see Andersen, N. 8-82812
- Russell, B.R. see Causley, G.C. 8-66572
- Russell, C.T. The ISEE 1 and 2 fluxgate magnetometers 8-85804
- Russell, C.T. see Elphic, R.C. 8-57478
- Russell, C.T. see Greenstadt, E.W. 8-81506
- Russell, C.T. see Hood, L. 8-61764
- Russell, C.T. see Nishida, A. 8-96361
- Russell, C.T. see Weiss, H. 8-89030
- Russell, D.A. see Ott, E. 8-94911
- Russell, D.K. see Davies, P.B. 8-66564
- Russell, E.E., Watts, L.A., Pellicore, S.F., Coffeen, D.L. Orbiter cloud photopolarimeter for the Pioneer Venus mission 8-57429
- Russell, G.J., Woods, J. An electron diffraction study of phases in the Cu_3S system [on CdS substrate] 8-51847
- Russell, G.M. see Watson, A.E. 8-85738
- Russell, G.R. see Che Jen Chen 8-79029
- Russell, G.R. see Nerheim, N.M. 8-82981
- Russell, J. see Russ, J. 8-78202
- Russell, J.E. Molecular-ion formation by α^- and α^+ atoms in liquid helium 8-94338
- Russell, J.L., Kipp, S.L. Astrometric constants for 18 Puppis, BD+44°1847, Lalande 26325, G137-8, and selected reference stars 8-53923
- Russell, J.L. see Kipp, S.L. 8-69779
- Russell, K.C. see Aaronson, H.I. 8-52815
- Russell, K.C. see Bertram, K.L. 8-79642
- Russell, K.C. see Chan, K.S. 8-84765
- Russell, L.H. see Bird, J.R. 8-62502
- Russell, N.E., Carr, G.L., Tanner, D.B. Far infrared absorption in metal-insulator composites 8-56466
- Russell, N.E., Yam, E.M., Tanner, D.B. Optical and infrared reflectance of metal-insulator composites 8-56465
- Russell, P. see Stiller, A.H. 8-83733
- Russell, P.A. An analysis of urban plume particulates collected on Anderson 8-stage impactor stages 8-69433
- Russell, P.A. see Ruud, C.O. 8-66012
- Russell, P.B. see Collis, R.T.H. 8-61602
- Russell, P.E., Montano, P.A. Magnetic hyperfine parameters of iron containing minerals in coals 8-68427
- Russell, P.E., Montano, P.A. Erratum: Magnetic hyperfine parameters of iron containing minerals in coals [J. Appl. Phys. 49, 1573 (1978)] 8-88234
- Russell, P.St.J. see Jordan, M.P. 8-90396
- Russell, P.St.J. see Solymar, L. 8-55317
- Russell, R.D., Ahern, T.K. Mass spectrometer sample line diffusion processes 8-64907
- Russell, R.O., Jr. see Rogers, W.J. 8-81024
- Russell, R.R. see Walter, J.L. 8-79539
- Russell, R.W. The infrared source associated with Sh 2-149 8-73772
- Russell, R.W. see Puetter, R.C. 8-93266
- Russell, S.R. see Klyce, S.D. 8-92737
- Russell, T.W.F. see Bhavaraju, S.M. 8-83454
- Russell, W.J. see Okajima, S. 8-85393
- Russer, P. see Arnold, G. 8-55352
- Russek, K. see Budurov, S. 8-52823
- Russo, A. Di see Di Russo, A.
- Russo, C., Kaplow, R. Purposeful modification by gas adsorption of atomically clean iron surfaces at room temperature and characterization by 21.2-eV photoemission 8-71955
- Russo, M., Vaglio, R. Self-resonant modes in Josephson junctions exhibiting a nonuniform maximum current distribution 8-56263
- Russo, M. see Barone, A. 8-56265
- Russo, P. see Cauvin, B. 8-70554
- Russo, S. see Bauer, S.H. 8-51657
- Russo, S. Lo see Lo Russo, S.
- Russo, V. see Righini, G.C. 8-53540, 8-55467
- Russo, Yu.D. see Kramer, E.N. 8-61818
- Russo-Manduchi, M.T. see Giordano, V. 8-74361
- Russwurm, G. see Stevens, R.K. 8-96283
- Russwurm, G.M. see McClenny, W.A. 8-69521
- Rust, D.C., Karzmark, C.J. Modernising an accelerator dosimeter system 8-92710
- Rust, D.R. see Corcoran, M.D. 8-50054
- Rustako, A.J., Jr. An Earth-space propagation measurement at Crawford Hill using the 12 GHz CTS satellite beacon 8-73422
- Rustamov, K.E. see Abidinov, E.T. 8-83265
- Rustamov, Kh.Sh. see Gorelik, V.S. 8-72524
- Rustamov, Sh.A. see Dekhtyar, I.Ya. 8-76549
- Ruste, J., Bouchacourt, M., Thevenot, F. Studies on boron carbide. II. Quantitative electronic microanalysis 8-76948
- Ruste, J. see Bouchacourt, M. 8-76636, 8-76730
- Ruster, R., Rottger, J., Woodman, R.F. Radar measurements of waves in the lower stratosphere 8-81292
- Ruster, R. see Rottger, J. 8-88938
- Rustgi, M.L. see Sandhu, T.S. 8-50103
- Rustgi, S., Riesz, P. E.s.r. study of spin-trapped radicals formed during the photolysis of aqueous solutions of acid amides and H_2O_2 8-68996
- Rustgi, S. see Joshi, A. 8-68993
- Rustgi, S.N., Peemoeller, H., Thompson, R.T., Kydon, D.W., Pintar, M.M. A study of molecular dynamics and freezing phase transition in tissues by proton spin relaxation 8-68983
- Rustichelli, C. see Dubini, B. 8-94985
- Rustichelli, F. Neutron studies of liquid crystals 8-94972
- Rustichelli, F. see Albertini, G. 8-91428, 8-95138, 8-95143
- Rustichelli, F. see Boeuf, A. 8-71643, 8-75496, 8-79505, 8-83655
- Rustichelli, F. see Dubini, B. 8-94985
- Rutar, V. see Blinc, R. 8-76414
- Ruter, H., Schepers, R. Investigation of the seismic response of cyclically layered carboniferous rock by means of synthetic seismograms 8-69293
- Rutgers, A.J., Rigole, W. The liquid-vapour equilibrium and Van der Waals' equation of state 8-51640
- Ruth, T.J. see Cumming, J.B. 8-66260
- Ruthberg, S. The fundamentals of leak testing for cardiac pacemakers 8-57133
- Rutherford, J.P. see Oliver, W.P. 8-89857
- Rutherford, H., Soutar, I. Phosphorescence studies of relaxation effects in bulk polymers. I. Depolarization measurements of segmental relaxation in poly(methyl acrylate) 8-56685
- Rutherford, H., Soutar, I. Phosphorescence depolarization measurements of segmental relaxation processes in poly(methyl acrylate) and poly(methyl methacrylate) 8-95606
- Rutherford, J.A., Vroom, D.A. Compact electron-beam source for formation of neutral beams of very low vapor pressure materials 8-70225
- Rutherford, J.A., Vroom, D.A. Production of uranium and thorium ions by charge transfer from O^+ , N^+ , N_2^+ , and CO_2^+ 8-82835
- Rutherford, P.H. see Chen, L. 8-91092

- Rutherford, P.H. *see* Drake, J.F. 8-94909
- Rutherford, S. *see* Feinleib, M. 8-65989
- Rutherford, S.R., Hawker, K.E. Effects of density gradients on bottom reflection loss for a class of marine sediments 8-55498
- Rutherford, W.M. Volumetric calibration of experimental apparatus by xenon gas transfer 8-93653
- Ruthruff, T.L., Grenier, C.G., Goodrich, R.G. Electron-electron scattering in transition metals 8-68025
- Ruthruff, T.L. *see* Goodrich, R.G. 8-91598
- Rutly, B. *see* Dumont, Th. 8-85949
- Rutkevich, N.Ya. *see* Sheptulenko, E.V. 8-50443
- Rutkovskii, A.E. *see* Karpinos, D.M. 8-68652
- Rutkovskii, I.Z., Fedoruk, G.G. Secondary electron spin echo in quartz 8-80191
- Rutkovskii, K.S., Tokhadze, K.G. Investigation of vibrational relaxation of SF₆ at low temperatures by the infrared double resonance method 8-86899
- Rutkowska, D. *see* Jankowski, K. 8-78619
- Rutkowski, A. *see* Jankowski, K. 8-78619
- Rutkowski, J., Drost, H., Spangenberg, H.-J. Threshold excitation of simple hydrocarbons by mono-energetic electrons 8-58854
- Rutkuniene, D. *see* Ilgunas, V. 8-61028
- Rutman, A.M. *see* Varli, K.V. 8-86397
- Rutscher, A. Progress in electron kinetics of low pressure discharges and related phenomena 8-75483
- Rutscher, A. *see* Krysmanski, K.H. 8-67484
- Rutscher, A. *see* Michel, P. 8-67500
- Rutstein, R.P. Fixation disparity and stereopsis 8-56984
- Rutt, D.R. *see* Blurton, K.F. 8-73076
- Rutt, H.N., Travis, D.N. Diode laser measurements on dideuteroacetylene 8-78664
- Ruttan, A.J. *see* Sterrenburg, W.A. 8-93943
- Ruttan, R.J. Empirical NLTE analyses of solar spectral lines. II. The formation of the Ba II λ 554 resonance line 8-53907
- Rutter, D.R. *see* Butera, R.A. 8-68246
- Rutter, E.H., Atkinson, B.K., Mainprice, D.H. On the use of the stress relaxation testing method in studies of the mechanical behaviour of geological materials 8-96309
- Rutter, E.H. *see* Owens, W.H. 8-56286
- Rutters, H., Miliawan, D. Labour- and heart rate controlled infusion pump 8-85415
- Ruttgers, H. *see* Grothe, W. 8-88750
- Ruttgers, H. *see* Muliawan, D. 8-85416
- Ruttink, P.J.A. *see* Van Lenthe, J.H. 8-62711
- Rutz, R.F. *see* Perry, P.B. 8-88371
- Ruud, C.O., Russell, P.A., Barrett, C.S., Clark, R.L. A comparison of electron microscope techniques for the identification of asbestos fibers 8-66012
- Ruuge, E.K., Subchinski, V.K., Tikhonov, A.N. Investigation of electron transport in photo-synthetic systems of higher plants by the EPR method. V. Interaction of the paramagnetic probe I (12,3) with bean chloroplast membranes 8-77015
- Ruuge, E.K., Tikhonov, A.M. Investigation of the electron transport in photosynthetic systems of higher plants by the EPR method. III. Adaptational phenomena at different intensities of light 8-64953
- Ruuge, E.K. *see* Gribova, Z.P. 8-64952
- Ruuge, E.K. *see* Tabak, M. 8-64930
- Ruuge, E.K. *see* Tikhonov, A.N. 8-69016, 8-77014
- Ruus, T.V. *see* Denisov, R.A. 8-72578
- Ruusaalepp, E.A. *see* Luud, L.S. 8-93243
- Ruvalds, J. Excitations in ³He-⁴He mixtures 8-60000
- Ruvalds, J. *see* Kahn, L.M. 8-84158
- Ruvalds, J., Regge, T. (editor) The International School of Low Temperature Physics 8-59985
- Ruvo, A. *de* *see* de Ruvo, A.
- Ruzic-Toros, Z. *see* Kojic-Prodic, B. 8-63746
- Ruzicka, J. *see* Zrelow, V.P. 8-58893
- Ruzickova-Topolova, B. *see* Kopecky, M. 8-73691
- Ruziewicz, Z. *see* Basara, H. 8-94276
- Ruziewicz, Z. *see* Janacka-Styrz, K. 8-66589
- Ruzinska, D. *see* Rapos, M. 8-88034
- Ruzinsky, M. *see* Rapos, M. 8-56231, 8-88034
- Ruzmaikina, A.A., Vainshtein, S.I. The magnetic field transfer in the solar convective zone 8-96449
- Ruzmaikina, A.A. *see* Ivanova, T.S. 8-53918
- Ruzmaykina, T.V. The nature of the excess quadrupole moment and the peculiarities of the structure of the Earth's mantle 8-73334
- Ruzyllo, J. Model of structural transformations on the chemically etched silicon surface during thermal oxidation 8-75557
- Ruzzi, P.L. *see* Shah, I.D. 8-85018
- Rvachev, V.L., Slesarenko, A.P. Some new techniques in the solution of heat-exchange problems for complex domains 8-94509
- Rvachev, V.L., Slesarenko, A.P., Popishvili, V.I. Use of the structural method and of Laplace transformation in solving problems of heat transfer for ducts and pipes with intricately-shaped cross sections 8-83477
- Ryabchenko, S.M. *see* Komarov, A.V. 8-56079, 8-79940
- Ryabchenko, V.A. *see* Kagan, B.A. 8-69372
- Ryabchikov, A.I. *see* Petrov, A.V. 8-82544
- Ryabchikov, E.A. *see* Zemskii, S.V. 8-91380
- Ryabchikova, V.P. *see* Maksimov, D.E. 8-61110
- Ryabinin, A.G. *see* Gavrilov, G.N. 8-51388
- Ryabinin, A.N. *see* Rozhdzhevskaya, N.B. 8-86319
- Ryabinin, G.A. *see* Gavrilov, G.N. 8-51388
- Ryabinin, M.S. *see* Asratyan, A.E. 8-62389
- Ryabinina, E.Z. *see* Ivanov, I.G. 8-60045, 8-92262
- Ryabinina, T.I. *see* Eliseeva, V.I. 8-53015
- Ryabinkin, A.M. *see* Baldin, A.V. 8-88475
- Ryaboi, A.Ya. *see* Zuev, B.K. 8-61113
- Ryabov, A.N., Kamen'shchikov, F.T., Filipov, V.N., Chalykh, A.F., Yugay, T., Stol-yarov, Ye.V., Blagovestova, T.I., Mandrazhit-skiy, V.M., Yemel'yanov, A.I. Boiling crisis and pressure drop in rod bundles with heat transfer enhancement devices 8-55638
- Ryabov, A.V., Smirnov, B.I., Shul'man, S.G., Zhukova, T.B., Smirnov, I.A. Mechanism of stabilization of a metallic phase on the surface of an SmS crystal 8-60015
- Ryabov, B.P. *see* Artyukh, V.S. 8-65711
- Ryabov, B.P. *see* Braude, S.Ya. 8-57461, 8-57471, 8-57663, 8-57664
- Ryabov, B.S. *see* Bud'ko, N.I. 8-73572
- Ryabov, V.A. *see* Borman, V.D. 8-83515
- Ryabov, V.M., Bykov, S.N. Use of ST-211 thickness gauges for the inspection of pipe coatings 8-76818
- Ryabov, V.R. *see* Romanchenko, V.I. 8-84943
- Ryabov, Yu.A., Tomzhevskii, I.V. Constructing solution to linear integrodifferential equations with small parameter 8-62078
- Ryabova, N.A. *see* Alekhin, Yu.K. 8-71464
- Ryabova, V.G. *see* Starovoitov, E.M. 8-74789
- Ryabtsev, A.N. Laboratory wavelengths of forbidden transitions in the spectrum of Mn V 8-50496
- Ryabtsev, A.N. *see* Kovalev, V.I. 8-55134
- Ryabtsev, A.P. *see* Lomovitskii, A.V. 8-56863
- Ryabtsev, G.I. *see* Gribkovskii, V.P. 8-90416
- Ryabtsev, G.N. Field dependence of magnetic susceptibility of Y-Gd garnets 8-68176
- Ryabtsev, I.A. *see* Ivasishin, O.M. 8-88484
- Ryabtsev, V.A. *see* Alekseev, G.V. 8-94854
- Ryabiy, V.A. *see* Ermokhin, N.V. 8-71442
- Ryabykh, Yu.I. *see* Peterkop, R.K. 8-55240
- Ryabykhina, L.V. *see* Goncharov, L.G. 8-60064
- Ryan, A., Bone, R.C. Noise-induced threshold shift and cochlear pathology in the Mongolian gerbil 8-65035
- Ryan, A. *see* Dallos, P. 8-92642
- Ryan, B.F., Carstens, J.C. A comparison between a steady-state downdraft model and observations behind squall lines 8-92913
- Ryan, C.L. *see* Couchman, P.R. 8-59929
- Ryan, D.G. *see* Conetti, S. 8-93905
- Ryan, D.G. *see* Hartmann, J. 8-62460
- Ryan, H.M., Watson, W.L. Breakdown characteristics in SF₆ for voltages in the range 0.8-2.6 MV 8-87552
- Ryan, J.A., Walcek, C., Henry, R.M., Hess, S.L., Leovy, C.B., Tillman, J.E. Mars meteorology: three seasons at the surface 8-89096
- Ryan, J.F. *see* Allakhverdiev, K. 8-76462
- Ryan, J.F. *see* Bleaney, B. 8-80226
- Ryan, J.F. *see* Harley, R.T. 8-58062
- Ryan, J.F. *see* Hayes, W. 8-80349
- Ryan, J.S., Carswell, A.I. Laser beam broadening and depolarization in dense fogs 8-92981
- Ryan, J.S. *see* Pal, S.R. 8-85686
- Ryan, M.D. The effect of slow two-electron transfers and disproportionation on cyclic voltammograms 8-56938
- Ryan, M.P. *see* Hojman, S. 8-78084
- Ryan, P.M. *see* Wheaton, J.H. 8-87005
- Ryan, P.W. *see* Smith, R.D. 8-61074
- Ryan, R.M. *see* Malaviya, B.K. 8-58375
- Ryan, R.R., Swanson, B.I., Chowdhury, M.R. Comment on the room-temperature structure of Cs₂LiCr(CN)₆ [and reply] 8-51491
- Ryan, R.R. *see* Jones, L.H. 8-64826
- Ryan, T.G., Freeman, G.R. Electron mobilities and ranges in methyl substituted pentanes through the liquid and critical regions 8-72220
- Ryan, T.G. *see* Calvert, P.D. 8-75577
- Ryan, T.G. *see* Davies, D.E. 8-91351
- Ryan, T.L. *see* Walstrom, P.L. 8-54929
- Ryan, W.B.F., Miller, E.L., Hecker, B., Cita, E.L., Hanselman, D., Nesteroff, W.D., Nibbelink, M. Bedrock geology in New England submarine canyons 8-73356
- Ryazanov, A.A. *see* Efremenko, I.P. 8-92431
- Ryazanov, V.V. Simulation of the statistical systems. I. General characteristics of a method 8-69970
- Ryazanov, V.V. Simulation of statistical systems. II. Two-level systems 8-77690
- Ryazanov, V.V. Modelling of statistic systems. III. Homogeneous nucleation 8-83934
- Ryazantsev, Yu.S. *see* Gupalo, Yu.P. 8-83499
- Ryba-Romanowski, W., Jezowska-Trzebiatowska, B. Characteristics of the SL100-A new commercial neodymium laser glass 8-74912
- Ryba-Romanowski, W., Mazurak, Z., Jezowska-Trzebiatowska, B. Energy transfer between ytterbium and erbium in phosphorous oxychloride 8-64405
- Rybakov, A.B. *see* Baksh, F.G. 8-67533
- Rybakov, A.M. Standardization of the resistance to external cophasal power-line interference for grounded electrocardiographs with the patient's circuits insulated from ground 8-57085
- Rybakov, A.M. Experimental evaluation of resistance of grounded electrocardiographs to coherent mains interference 8-85419
- Rybakov, A.P. Velocity of sound in shock-compressed solid bodies. The uniform medium 8-55910
- Rybakov, A.P. Speed of sound in shock-compressed solids 8-71788
- Rybakova, E.V. *see* Pokidyshev, V.V. 8-60650
- Rybakova, L.E., Mamedov, M. Solution of the differential equation for the shape of a drop on an inclined plane 8-79856
- Rybakova, L.M. *see* Kuksenova, L.I. 8-52999
- Rybakova, L.M. *see* Zelikman, A.N. 8-53018
- Rybalkin, P.T. *see* Ivanov, S.D. 8-84907
- Rybalko, F.P., Baturin, G.I., Novokshenova, A.N., Sherstnev, N.I., Konovalov, V.A. Singularities of the accumulation of shear strains and distribution of microstrains during alternating bending of aluminium and zinc single crystals 8-60706
- Rybalov, E.I. Stochastic character of the motion of a dielectric liquid in an electric field 8-75208
- Rybalov, R.G. *see* Romanova, R.R. 8-76666
- Rybalovskii, A.O. *see* Korneienko, L.S. 8-88189
- Rybarkov, K.I. *see* Levin, B.A. 8-86321
- Rybchinskaja, G.B. *see* Kovalev, S.A. 8-90660
- Rybchinskaya, G.B. *see* Kovalev, S.A. 8-75044
- Ryberg, R. The metal-nonmetal transition in PbAr 8-80028
- Rybicki, E.F., Schmueser, D.W. Effect of stacking sequence and lay-up angle on free edge stresses around a hole in a laminated plate under tension 8-88524
- Rybicki, E.F., Strenkowski, J.S., Tamm, M.A., Glaeser, W.A. A finite element model for compliant bearing lubrication using a minimization algorithm 8-63400
- Rybicki, E.F. *see* Kanninen, M.F. 8-68777
- Rybin, A.M. *see* Ajinenko, I.V. 8-58206
- Rybin, A.M. *see* Granet, P. 8-93913
- Rybin, V.V. *see* Kuz'min, S.L. 8-75834
- Rybin, V.V. *see* Morozov, A.M. 8-52986
- Rybin, Yu.I. *see* Blistanova, T.A. 8-95895
- Rybin, Yu.N. *see* Boichenko, P.F. 8-81328
- Rybka, C. *see* Goworek, T. 8-91647
- Rybka, E. Problems of standards in wide-band UVB photometry 8-89082
- Rybka, S.P. Preliminary results of comparison of proper motion star catalogues with respect to galaxies 8-93126
- Rybokova, N.A. *see* Saruev, G.A. 8-78562
- Ryecz, Z. Computer simulation of threshold switching in non-crystalline semiconductors 8-88002
- Rychkov, A.D. *see* Glazunov, A.A. 8-83452
- Rychkov, B.A. *see* Garchakov, V.S. 8-71497
- Rychkov, B.A. *see* Leonov, M.Ya. 8-63802
- Rychkov, B.A. *see* Nazarenko, I.P. 8-71499
- Rychkov, V.I., Borshchevskaya, L.P., Manina, T.N. Development and adoption of a system of accelerated preparation for optical production 8-83131
- Rychkov, V.I. *see* Ryzhkov, L.N. 8-90676
- Rychkova, E.R. *see* Ginodman, V.B. 8-86688
- Rychkova, N.A. *see* Tulyakov, E.N. 8-56936
- Rychlewski, J.M. *see* Gold, J.H. 8-57050
- Rychly, J. *see* Matisova-Rychla, L. 8-68893
- Rydbeck, O.E.H. *see* Genzel, R. 8-61901
- Rydbeck, O.E.H. *see* Wittels, J.J. 8-69896
- Rydberg, S. *see* Nilsson, L. 8-50656
- Ryde, H. *see* Piipariinen, M. 8-50075
- Ryden, W.D., Bindell, J.B., Holschwandner, L.H., Labada, E.F. Reduction of contamination in triode sputtering systems 8-72721
- Ryder, G., McSweeney, H.Y., Jr., Marvin, U.B. Basalts from Mare Crisium 8-65519
- Ryder, J.T., Krupp, W.E., Pettit, D.E., Hoepfner, D.W. Comparison of stress corrosion cracking properties of several aircraft structural alloys 8-53028
- Ryder, J.T., Pickel, F.M. Effect of temperature on stress corrosion cracking of 200M steel 8-53029
- Ryder, P. The role of meteorology in helicopter icing problems 8-85657
- Rydh, B. *see* Bollmark, P. 8-70847
- Rydh, B. *see* Brown, J.M. 8-50538
- Rydholm, G. *see* Fredriksson, B. 8-66341
- Rye, D.M., Roy, R.F. The distribution of thorium, uranium, and potassium in Archean granites from northeastern Minnesota 8-61356

- Rye, R.E., Midey, T.E., Houston, J.E., Holloway, P.H. Chemical-state effects in Auger electron spectroscopy 8-4256
- Rye, R.E. see Midey, T.E. 8-4256
- Ryl, V.I. see Medvedev, M.D. 8-5098
- Ryskin, N.N., Nikolaev, A.V., Borzov, A.P. Restriction of current in low-pressure discharge with hollow cathode 8-54944
- Ryskin, N.N., Nikolaev, A.V., Borzov, A.P. Critical condition of the low-pressure discharge with hollow cathode 8-67538
- Ryskin, N.N., Uglov, A.A., Galiev, A.I. Radiationless processes in a plasma formed close to the surface of a solid target in a high-pressure gas atmosphere 8-59632
- Ryskin, N.N., Uglov, A.A., Nizametdinov, M.M. Action of pulsed laser radiation on materials over wide range of helium pressures 8-51322
- Rykhlov, R.M. see Zarechnyuk, O.S. 8-84774
- Rykov, G.V. see Narozhnaya, Z.V. 8-46197
- Rykov, V.A. see Matsuk, V.A. 8-57878
- Rykova, B.G. see Mosyuk, A.A. 8-51478
- Rykanov, L.N. see Neprochuk, Yu.P. 8-57339
- Rylander, H.G. see Bird, W.L. 8-55016
- Rylander, H.G. see Brennan, D.J. 8-54964
- Rylander, H.G. see Castevens, J.M. 8-88544
- Rylander, H.G. see Driga, M.D. 8-54953, 8-55720
- Rylander, H.G. see Gully, J.H. 8-54952
- Rylander, H.G. see Mayhall, D.J. 8-54951
- Rylander, M.K. see Wormack, S.M. 8-53391
- Ryley, D.J., Ismajli, M.S.B. The shape of sessile water drops in inclined plane surfaces 8-57782
- Rybnikov, A.S. see Egorov, A.I. 8-58234
- Rylov, Y.A. On a klystron mechanism of generation of vibrations in pulsar magnetosphere 8-53471
- Rymasz, C.I. On regularization of quick-change fields in continua 8-44603
- Rymou, T. see Delespaul, I. 8-69531
- Rysakov, E.V. see Radomysskiy, I.D. 8-50108
- Rymov, A.I., Skoblova, V.I. A method suitable for calculating a reflector profile for non-axial type solar radiation simulators 8-63169
- Ryskewich, N.P. see Sharai, S.F. 8-55402
- Rynga, T.M., Baumgartner, G.B., Erber, T. The angular distribution of synchrotron-Cerenkov radiation 8-62988
- Rys, A.G. see Kazantsev, S.A. 8-70796
- Rys, J. see Stevens, E.D. 8-82624
- Rysakov, V.M. see Akatov, L.L. 8-64375
- Ryskin, A.I. see Krol', A.V. 8-88310
- Ryskin, G.Yu. see Alimova, I.A. 8-87733
- Ryskind, A.M. see Ostrovskii, G.A. 8-92336
- Rysel, H. see Betz, H. 8-49906
- Rysel, M. see Dorn, J. 8-60559
- Rysel, M. see Janja, J.D. 8-90185
- Rysel, M. see Kapu, R. 8-90177
- Ryser, C. A black hole in Cygnus X-1? 8-77724
- Ryser, C.E. see Serra, G. 8-54014
- Ryser, D. Langevin equations and stochastic magnets 8-70661
- Rysar, B.E. see Polishchuk, E.S. 8-77831
- Rysov, N. see Westengen, H. 8-84820
- Ryutimsev, E.I., Kovshin, A.P., Polushin, S.G., Tsvetkov, V.N. Relaxation of the normal dielectric constant of nematic liquid crystals with a positive dielectric anisotropy 8-84521
- Ryza, T. see Ujihira, Y. 8-56541
- Ryutov, D.D., Stupakov, G.V. Neo-classical theory of transport processes in ambipolar plasmas 8-70588
- Ryutov, D.D. see Vasil'ev, Yu.V. 8-83596
- Ryutova, M.P. Anomalous damping of oscillations of magnetic filament 8-55337
- Ryuzin, O. Measurement of MSE as a practical means of growth rate energy 8-42201
- Ryutin, S.M. see Asenov, Yu.A. 8-49403
- Ryutin, S.M. see Gordin, G.B. 8-58082
- Ryutin, S.M. see Kusturuk, V.F. 8-86745
- Ryutin, S.M. see Vitovskii, N.A. 8-51937
- Ryznak, Ye.L. see Nikitin, L.V. 8-85537
- Ryzenko, I.A. see Merzlyakov, E.I. 8-83400
- Ryzhii, V.I. see Vyurkov, V.V. 8-52025, 8-52700
- Ryzhin, I.A. see Adrikosov, A.A. 8-60112
- Ryzhkov, L.M. see Pavlovskii, M.A. 8-89473
- Ryzhkov, L.N., Rychkov, V.I. Optimization of the spectral composition of radiation in infrared diodes 8-40676
- Ryzikov, S.V., Chumachenko, O.M. Laser intermodulation investigation of piezoelectric wall layers at triangular diodes 8-50989
- Ryzikov, V.G. see Spitsyn, V.I. 8-84941
- Ryzikov, V.I. see Geychenko, V.V. 8-52797
- Ryzikov, V.M. see Dolomanskii, Yu.K. 8-52700
- Ryzikov, Yu.F. see Vagatnik, N.B. 8-58903
- Ryzhkovskii, V.M. On structural and magnetic properties of the Mn₂As-Mn₂Sb quaternary system 8-76248
- Ryzhov, O.S. Viscous transonic flows 8-59416
- Ryzhov, O.S. On the nonstationary boundary layer with self-induced pressure at transonic external stream velocities 8-83428
- Ryzhov, O.S., Terent'ev, E.D. Laminar hypersonic wake of a lifting body 8-87359
- Ryzhov, V.A. The interpretation of measurements of phase and amplitude of intense radio waves in the ionosphere 8-77394
- Ryzhov, V.A. see Devyaterikov, R.P. 8-58001
- Ryzhov, Yu.A. The energy absorption of electromagnetic waves in a randomly inhomogeneous collisionless plasma at resonance frequencies 8-59598
- Ryzhov, Yu.A. see Galitsevskiy, B.M. 8-83487
- Ryzhov-Nikonov, V.I. see Ermolov, I.I. 8-53156
- Ryzhov-Nikonov, V.I. see Ermolov, I.N. 8-53123
- Ryzhov-Nikonov, V.I. see Vopilkin, A.Kh. 8-71257, 8-72979
- Rzad, S.J. see Sharbaugh, A.H. 8-84523
- Rzaev, S.G. see Iskenderzade, Z.A. 8-60195
- Rzawewski, K. see Mostowski, J. 8-63153
- Rzepa, H.S. see Dewar, M.J.S. 8-74578, 8-86786
- Rzepa, H.S. see Swanson, B.I. 8-74631
- Rzeszut, Z. see Kepa, R. 8-90177
- Rzewuski, H. see Kozanecki, A. 8-92131
- Rzewuski, J. see Krolkowski, W. 8-62339
- Rzhanitsyn, V.A. see Kurbanov, M.K. 8-69303
- Rzhanov, A.V. see Gritsenko, V.A. 8-52642
- Rzhanov, A.V. see Guzev, A.A. 8-95379, 8-95380
- Rzhevkin, S.N. Near field and impedance of a vibrating sphere near a rigid or compliant wall 8-94476
- Rzymian, K. see Moser, Z. 8-76897
- Sa Barreto, F.C. De see De Sa Barreto, F.C.
- Sa-yakanit, V. A note on electrons in four-dimensional disordered systems 8-72057
- Saad, E.A. see El Wakil, S.A. 8-74415
- Saad, F.M. see Corner, W.D. 8-84447
- Saad, G. see Caldemaison, D. 8-55908
- Saadat, A.R. see Nishikawa, O. 8-64098
- Saakian, K.A. see Petrosyan, A.R. 8-61914
- Saakyan, G.S. see Grigoryan, L.Sh. 8-82275
- Saam, W.F., Ebner, C. Classical fluid structure near solid substrates: A comparison of different theories 8-63655
- Saar, E. see Doroshkevich, A.G. 8-93415
- Saari, D.G. On Newtonian cosmology with a varying gravitational constant [an alternative approach] 8-54101
- Saari, J.T. Statistical synthesis of osmotic fragility curves 8-65070
- Saari, P. On the problem of observability in the theory of transient emission spectra 8-55199
- Saari, P. see Rebane, K. 8-52549
- Saarikko, H. see Bartke, J. 8-66169
- Saarikko, H. see Bockmann, K. 8-93912
- Saarikko, H. see Otter, G. 8-82251
- Saarikko, H. see Schmitz, P. 8-62467
- Saarloos, W. Van see Van Saarloos, W.
- Saathoff, W. see Bhatia, T.S. 8-70433
- Saathoff, W. see Szanto de Toledo, A. 8-70423, 8-78246
- Saathoff, W. see Wiedner, C.A. 8-89915
- Saatov, Yu.U. see Rakhmatulin, Kh.A. 8-65204
- Saavedra, O. see Castagnoli, C. 8-77567
- Saba, J.L. see Crannell, C.J. 8-93174
- Sabac, C. see Raduta, A. 8-93921
- Sabad, E.P. see Lomsadze, Yu.M. 8-54571, 8-54572
- Sabadush, A.M. see Zapunnyi, A.I. 8-72974, 8-76816
- Sabadil, H., Zielke, E. Kinetics of atomic oxygen in a flow tube downstream of a DC discharge 8-67333
- Sabadini, R. see Bonafede, M. 8-77202
- Sabado, M.M. see Callis, R.W. 8-74490
- Sabado, M.M. see Trester, P.W. 8-55026
- Sabano, Y., Kannari, Y. Thermal instabilities due to formation of carbon monoxide in contracting interstellar clouds 8-81675
- Sabano, Y., Tosa, M. Heating of interstellar medium due to dissipation of weak shock waves 8-81674
- Sabata, H. Comments on the problem of anharmonic lattice with defects 8-73937
- Sabatier, P.C. see Chadan, K. 8-54587
- Sabbadini, F., Minello, S. Statistical properties of planetary nebulae: graphic presentation 8-77589
- Sabbagh, J., Sadeghi, N. Collisional relaxation of the metastable $6s[1/2]_0$ and resonant $6s[1/2]_1$ xenon atoms 8-63617
- Sabbata, V. De see De Sabbata, V.
- Sabbì, S. On the constitutive equations in ferromagnetic bodies 8-72317
- Sabbì, S. More on the constitutive equations for ferromagnetic bodies 8-84372
- Sabelev, G.I. see Alekseev, G.V. 8-94854
- Sabelli, C., Trosti Ferroni, R. The crystal structure of aluminite 8-83782
- Sabelli, C. see Menchetti, S. 8-51479
- Sabelli, N.H., Kantor, M., Benedek, R., Gilbert, T.L. SCF potential curves for AlH and AlH⁺ in the attractive and repulsion regions 8-58610
- Sabel'nikov, A.G., Moiseyeva, T.F., Avdeyeva, A.V., Il'yashenko, B.N. Investigation of the interaction of a fluorescent probe with the surface structures of E. coli 8-69007
- Sabel'nikov, V.A. The directions of the principal axes of the Reynolds stress tensor in turbulent flows with transverse shear 8-67185
- Sabel'nikov, V.A. see Zimont, V.L. 8-94849
- Saber, A.J., Jahn, R.G. Anode power in quasisteady magnetoplasma dynamic accelerators 8-71546
- Sabev, C. see Auld, E.G. 8-90111
- Sabikowski, Z.T., Hutchings, R.T. Shedding a new light on cell suspensions 8-81001
- Sabikowski, Z.T., Hutchings, R.T. Tracing thrombosis back to the blood vessels 8-85456
- Sablikov, V.A. see Panfilov, B.A. 8-95389
- Sabin, P. see Duggan, T.V. 8-67132
- Sabina, F.J. see Krishna Singh, S. 8-77180
- Sabinin, Yu.A. see Nikolayev, P.V. 8-57458
- Sabir, M. see Joseph, K.B. 8-82207
- Sabirov, R.Kh. Exchange narrowing of magnetic resonance line at low temperature 8-56366
- Sabirov, R.Kh. Asymmetry of the profile of a magnetic resonance line 8-91934
- Sabirova, I.L. see Gerasimov, G.N. 8-83640
- Sabisky, E.S., Peters, H.E. Design of a spacecraft hydrogen maser 8-58969
- Sablik, M., Levy, P.M. Anisotropy from quadrupole scattering in magnetically ordered rare-earth compounds 8-64034
- Sablík, M.J., Yung-Li Wang Application of the Green's function diagrammatic technique to complex crystal field systems with bilinear and biquadratic exchange 8-68130
- Sablina, N.I. see Asnin, V.M. 8-68057
- Sabnis, A.G. Two-step process for thin films of tin dioxide 8-95691
- Sabnis, S.G., Pawar, S.H. Temperature dependence of magnetic susceptibilities of CaSO₄/Sm phosphors 8-52196
- Sabonnadiere, J.C. see Ancelle, B. 8-94355
- Sabotinov, N.V. see Vuchkov, N.K. 8-58990
- Saboungi, M.-L., Marr, J., Blander, M. Thermodynamic properties of a quasi-one alloy from electromotive force measurements: The Li-Pb system 8-51705
- Saboya, B. see Chemin, J.F. 8-74750
- Saboya, B. see Lachter, A. 8-64470
- Saboya, B. see Pistre, J.D. 8-55982
- Sabroux, J.C. see Allard, P. 8-69316
- Sabsai, O.Yu. see Akutin, M.S. 8-68744
- Sabsai, O.Yu. see Malkin, A.Ya. 8-67160
- Saburi, Y. see Kobayashi, M. 8-89456
- Saburov, E.N., Karpov, S.V. Convective heat transfer from cylinders in vertical cyclone chambers 8-90870
- Saburova, R.V., Akhmadullin, I.Sh. Acoustic susceptibility of the paraelectric system KCl:OH⁻ in the strong phonon-coupling approximation 8-71801
- Saburova, R.V. see Vagapova, F.S. 8-66872, 8-67773
- Sacadura, J.F., Rieutord, E. Modeling the behaviour of opaque, microrough radiative surfaces 8-94366
- Sacchetti, A. see Anelli, E.F. 8-82585
- Sacchetti, F. Dielectric matrix and related properties in random binary alloys 8-51916
- Sacchetti, F. A possible explanation of the experimentally observed behaviour of the cooled gravitational-wave antennas 8-54280
- Sacchetti, F. Elastic neutron scattering cross section in random binary alloys 8-91845
- Sacchetti, F. see Bosi, P. 8-75757, 8-95122
- Sacchetti, F. see Bruzzi, G. 8-91203
- Sacchetti, N. see Brizzese, R. 8-64175
- Sacchi, L. see Longoni, S. 8-50941
- Sacco, B. see Swanenburg, B.N. 8-93454
- Sacco, R. see Erriquez, O. 8-82195
- Saccane, A. see Delfino, S. 8-60653
- Sachenko, A.A. see Kochan, V.A. 8-70124, 8-86270
- Sachenko, A.V., Tyagai, V.A., Kundzich, A.G. Exciton luminescence in semiconductors. Surface recombination and space-charge-layer effects 8-80410
- Sachenko, A.V. see Lysenko, V.S. 8-80056
- Sacher, E. The possibility of quantum mechanical effects in polymeric systems 8-50670
- Sacherer, F. Single-beam collective phenomena: transverse. II. Bunched beams 8-78886
- Sacherer, F. see Carron, G. 8-90006
- Sachkov, G.P. Geometric interpretation of the conditions for regular precession of a gyroscope in a cardan suspension 8-86148
- Sachkov, I.N., Krentsis, R.P., Gef'd, P.V. Investigation of the magnetic structure of FeGe₂ by the Mossbauer method 8-60268

- Sachl, V.** *see* Bednar, M. 8-65750
- Sachrajda, C.T.** Inclusive production at large transverse momentum in QCD 8-62369
- Sachs, E.** Optimal control of a parabolic boundary value problem 8-67021
- Sachs, M.** Completion of the proof of the Pauli exclusion principle from a self-consistent field theory of electrodynamics 8-49683
- Sachs, R.M.** *see* Burkhard, M.D. 8-65152
- Sachse, K.** *see* Lautz, G. 8-76083
- Sachse, W., Yih-Hsing Pao** On the determination of phase and group velocities of dispersive waves in solids 8-81848
- Sachse, W.** *see* Liao, S. 8-87182
- Sachtleben, L.T.** Extending the content and expanding the usefulness of the simple Gaussian lens equations. II. Derivation and application of Gaussian design relationships that are inherent in the primitive relay optical system 8-94424
- Sack, R.A., Seltzer, S.** Catalyzed cis-trans isomerization of retinals by crude tissue extracts 8-64925
- Sackett, S.J.** EFFI—a code for calculating the electromagnetic field, force, and inductance in coil systems of arbitrary geometry 8-62648
- Sackman, J.L.** *see* Goldsmith, W. 8-80909
- Sacks, I.S.** *see* Evans, J.R. 8-81118
- Sacks, R.D.** *see* Thomas, P. 8-91134
- Sacioglu, C.** Explicit currents in $Su(5)$ and E_7 unified gauge theories 8-54600
- Sacquin, Y.** *see* Bosetti, P.C. 8-70357
- Sacton, J.** *see* Erriquez, O. 8-78170
- Sadahiro, T., Yamaya, S., Shibuki, K., Ujiie, N.** Wear resistant coating of cemented carbides and high speed steels by chemical vapour deposition 8-92406
- Sadana, Y.N.** Electrodeposition of alloys. VI. Electrodeposition and X-ray structure of indium-thallium alloys from aqueous sulphate solutions 8-84722
- Sadananda, K.** A theoretical model for creep crack growth 8-75716
- Sadananda, K., Shahinian, P.** Response: Discussion of 'Prediction of threshold stress intensity for fatigue crack growth using a dislocation model', by A. T. Yokobori, Jr 8-83870
- Sadar, M.H.** Post-graduate educational system of science and engineering in North America and its relevance to the careers of students from developing countries 8-65736
- Sadayasu, T.** *see* Fujita, T. 8-83243
- Sadeghi, N.** *see* Chenevier, M. 8-50624
- Sadeghi, N.** *see* Christmann, M. 8-95033
- Sadeghi, N.** *see* Sabbagh, J. 8-63617
- Sadeh, D.** Periodic earthquakes in Alaska and Central America 8-53621
- Sadeh, D., Wood, K.** Periodicity in lunar seismic activity and earthquakes 8-53844
- Sadhal, S.S.** *see* Martin, W.W. 8-75048
- Sadhu Singh** *see* Kulkarni, S.V. 8-94595
- Sadhwani, A., Kumar, A.** Neutron wave propagation across an absorption discontinuity 8-89931
- Sadkov, Yu.A., Semerchan, A.A., Kuzin, N.N.** Calibration of high-pressure apparatus with shaped Bridgman anvils 8-49856
- Sadkowski, P.J., Fleming, G.R.** Photophysics of the acid and base forms of rhodamine B 8-82762
- Sadlej, A.J.** Molecular electric polarizabilities. II. Static polarizabilities of diatomic molecules using 2- ξ quality EFV GTO basis set 8-50661
- Sadlej, A.J., Zaucer, M., Azman, A.** Atom-molecule interaction effects on nuclear magnetic shielding constants 8-62866
- Sadlej, A.J.** *see* Adamowicz, L. 8-78629
- Sadlej, A.J.** *see* Sadlej, J. 8-58583
- Sadlej, J., Sadlej, A.J.** Spectroscopic parameters of interacting systems. I. Ab initio study of vibrational intensity changes due to ion-molecule interaction. $H_2O...Li^+$ 8-58583
- Sadler, D.H.** Lunar methods for 'longitude without time' 8-85836
- Sadler, G.** *see* Lauppe, W.-D. 8-54668
- Sadler, G.** *see* Pfeiffer, B. 8-78323
- Sadler, G.W.** Characteristics of clear sky normal incidence solar insolation measured with the RG2 filter 8-69426
- Sado, A.** *see* Sekiya, H. 8-74626
- Sadofev, Yu.G.** Relation between the thermodepolarization charge and change of effective charge in MDS structures with two ohmic contacts 8-52093
- Sadofev, Yu.G.** Accumulation and spreading of charge in MDS structures with layers of Al_2O_3 and $SiO_2-Al_2O_3$ on silicon 8-64116
- Sadoff, A.** *see* Cohen, I. 8-66123
- Sadoulet, B.** *see* Carron, G. 8-90006
- Sadoulet, B.** *see* Tanenbaum, W. 8-66113
- Sadova, N.I., Slepnev, G.E., Vilkov, L.V.** Electron diffraction study of dichlorodinitromethane in the gaseous phase 8-86950
- Sadovnikov, B.I.** *see* Inozemtseva, N.G. 8-70079
- Sadovnikova, V.A.** *see* Birbrair, B.L. 8-89783
- Sadovoi, A.A.** *see* Savin, M.V. 8-78572
- Sadovskii, A.P., Nasonova, L.I.** X-ray spectral study of the electronic structure of planar triangular molecules and ions 8-86887
- Sadovskii, A.P.** *see* Sergushin, I.P. 8-88384
- Sadovskii, M.V.** Frohlich conductivity of quasi-one-dimensional systems in the fluctuation region 8-84203
- Sadovskii, V.D.** Structural mechanism of recrystallization during heating of steel 8-84847
- Sadovskii, V.D.** *see* Umova, V.M. 8-68709
- Sadovsky, B.F.** *see* Zhulanov, Yu.V. 8-65408
- Sadovsky, J.** *see* Taborsky, L. 8-60748, 8-64629
- Sadowski, G.R.** Origin of cleavage by pressure dissolution in quartzites 8-65260
- Sadowski, M.** *see* Denus, S. 8-83614
- Sadowski, P.** *see* Hubicki, W. 8-61127
- Sadreev, A.F., Slivinsky, A.P.** Spin-phonon mechanism of magnetic ordering in paramagnetic crystals 8-60302
- Sadreev, A.F., Slivinsky, A.P.** Phase transition to the spontaneous coherent state 8-66792
- Sadreev, A.F.** *see* Martynov, S.N. 8-66793
- Sadrozinski, H.F.W.** *see* Aschman, D.G. 8-78201
- Sadykov, B.S.** The theory of the transformation of coordinates associated with a massive reference system 8-65769
- Sadykov, I.I.** *see* Golenishchev-Kutuzov, V.A. 8-80230
- Sadykov, T.Kh.** *see* Takibaev, Zh.S. 8-78546
- Sadziuviene, S.D.** *see* Bogdanovich, P.O. 8-70791
- Saeiki, B.** *see* Yamagata, T. 8-66190
- Saeiki, K., Iizuka, S., Sato, N., Hattai, Y.** Buneman instability and current limitation in a bounded and unmagnetized plasma 8-75311
- Saeiki, M.** *see* Nozaki, H. 8-88098
- Saeiki, M.** *see* Yasuda, Y. 8-51817
- Saeiki, S.** *see* Mizuno, M. 8-70813
- Saeiki, S.** *see* Tanaka, M. 8-93930
- Saeiki, T., Ito, K., Hashimoto, T.** Prototype optical systems for infrared apparatus 8-55428
- Saelee, H.T.** Monte Carlo calculations of microwave breakdown fields in neon 8-67551
- Saenko, M.I.** *see* Lozovskaya, A.V. 8-95789
- Saenko, V.A., Vladimirov, A.I., Tret'yakov, Yu.P.** Plasma beam ion source 8-83584
- Saenz, A.W., Zachary, W.W.** Unitarily equivalent multiparticle Hamiltonian systems yielding equal scattering for corresponding states 8-77756
- Saenz, M.** Photoelectric effect on nickel 8-95649
- Saermark, K.** Azbel-Kaner cyclotron resonance as a long-wavelength limit of an exact expression for the surface impedance of a metal in a magnetic field 8-87901
- Saermark, K., Lebeck, K., Johansen, H.** Cyclotron resonance line shape and cyclotron waves for a spherical Fermi surface 8-95251
- Saermark, K.** *see* Braune, W. 8-56379, 8-68045
- Saetersdal, T.S., Roli, J., Myklebust, R., Engedal, H.** Preservation of shock-frozen myocardial tissue as shown by cryo-ultramicrotomy and freeze-fracture studies 8-53593
- Saetersdal, T.S.** *see* Dalen, H. 8-57148
- Saez, V., Martinez, S.** *see* Martinez Saez, V.
- Safa, M., Tanner, B.K.** Antiferromagnetic domain wall motion in $KNiF_3$ and $KCoF_3$ observed by X-ray synchrotron topography 8-88139
- Safaai-Jazi, A., Yip, G.L.** Scattering from an arbitrarily-located off-axis inhomogeneity in a step-index optical fiber 8-87161
- Safaraliev, G.I., Dadashov, I.Sh.** Magnetic phase transition in alloys $Ga_{1-x}Mn_xSb$ 8-52248
- Safarov, A.** *see* Arslambekov, V.A. 8-95833
- Safarov, R.C.** *see* Kvasil, J. 8-74310
- Safarov, Yu.S.** *see* Zorev, N.N. 8-78454
- Safaryan, M.N.** Approximation of integrodifferential equation by an equation of Fokker-Planck type 8-91049
- Safaryan, M.N., Skrebkov, O.V.** Influence of spontaneous emission on kinetics of deactivation of oscillations of anharmonic oscillators 8-70904
- Safavi-Naini, S., Mittra, R.** Source radiation in the presence of smooth convex bodies 8-62977
- Saffert, R., Gmelin, E., Landwehr, G.** Dose-dependency and recovery behaviour of transport properties of electron irradiated tellurium 8-71761
- Saffman, P.** *see* Ferguson, W. 8-83421
- Saffman, P.G.** Problems and progress in the theory of turbulence 8-94652
- Saffman, P.G., Sheffield, J.S.** Flow over a wing with an attached free vortex 8-63444
- Saffman, P.G., Yuen, H.C.** Stability of a plane soliton to infinitesimal two-dimensional perturbations 8-83420
- Saffman, P.G.** *see* Knight, D.D. 8-90852
- Safin, I.A.** *see* Abdullin, R.S. 8-60354
- Safin, I.A.** *see* Matukhin, V.L. 8-88073
- Safin, V.I.** *see* Mileev, V.N. 8-82844
- Safinya, C.R.** *see* Als-Nielsen, J. 8-94984
- Safiullah, A., Teale, R.W.** Why is the domain wall mobility in bulk yttrium iron garnet so low? 8-95463
- Safko, J.L.** *see* Carlson, G.T., Jr. 8-65834
- Saflekos, N.A., Potemra, T.A., Iijima, T.** Small-scale transverse magnetic disturbances in the polar regions observed by Triad 8-77423
- Safonov, A.A.** *see* Kats, L.I. 8-60149
- Safonov, A.S.** *see* Bubnov, V.P. 8-85475
- Safonov, L.P., Stepanov, V.M., Drozdov, M.I.** Characteristics of flow between a rotating and static disk in the presence of radial flow 8-59403
- Safonov, O.A., Osvetinskii, A.A., Delimbetov, V.A.** Compensated pressure derivative measuring transducers 8-93716
- Safonova, T.A., Zhuravlev, V.L.** Changes in the electrophysiological characteristics of the neurones of the large horse-leech with rise in the intracellular concentration of sodium ion 8-53374
- Safran, S.A., Dresselhaus, G., Lax, B.** Theory of field dependent correlation functions for light scattering in magnetic semiconductors 8-68490
- Safrankova, J.** The influence of the metal cover on glow discharge parameters 8-67508
- Safrin, L.M.** *see* Levitan, L.Ya. 8-53114
- Safronov, B.G.** *see* Vishnyakov, V.A. 8-70655
- Safronov, G.A.** *see* Rastorguev, Yu.L. 8-77903, 8-81965
- Safronov, K.O.** *see* Narva, O.M. 8-60899
- Safronov, S.N.** *see* Mostovoi, R.G. 8-76061
- Safronov, V.P.** *see* Bar'yakhtar, V.M. 8-63798
- Safronov, V.P.** *see* Vaks, V.G. 8-51603
- Safronov, V.P.** *see* Zarochevich, E.V. 8-56678
- Safronov, V.V.** *see* Baisa, D.F. 8-88218
- Safronov, Yu.A.** *see* Blinov, V.V. 8-71076
- Safronova, A.S.** *see* Boiko, V.A. 8-86806
- Safronova, U.I., Senashenko, V.S.** One-electron and two-electron one-photon transitions in atomic systems with two K-shell vacancies 8-85775
- Safronova, U.I., Senashenko, V.S.** Autoionising states of three-electron atomic systems 8-78670
- Safronova, U.I.** *see* Aglizki, E.V. 8-53912
- Safronova, U.I.** *see* Bogdanovich, P.O. 8-70791
- Safronova, U.I.** *see* Boiko, V.A. 8-70781
- Safronova, U.I.** *see* Kononov, E.Ya. 8-55129
- Safroshkin, Yu.V.** *see* Agapov, P.P. 8-73980
- Safta, V., Bernath, A., Moisa, T.** Experimental correlations between dynamical toughness characteristics of prestrained pressure vessel steels 8-68816
- Saga, J., Hayashi, M.** Substructure near fatigue crack tip in cold-rolled aluminium 8-64621
- Saga, J., Hayashi, M.** Fatigue damage in cold-rolled aluminium 8-84976
- Saga, J.** *see* Miyoshi, Y. 8-64566
- Sagadeeva, T.G.** *see* Geller, Yu.A. 8-84989
- Sagalaev, G.V.** *see* Markov, N.G. 8-52904
- Sagalovich, B.M., Simbirtseva, O.I.** Age variations of human equivalent audibility thresholds for bone conduction in an extended frequency range 8-96054
- Sagalovich, V.V.** *see* Slezov, V.V. 8-76653
- Sagalyn, R.C.** *see* Burke, W.J. 8-77408
- Sagalyn, R.C.** *see* Rao, L.D.V. 8-88987
- Sagan, C.** *see* Khare, B.N. 8-69740
- Sagar Ram** *see* Ram Sagar
- Sagara, K., Motobayashi, T., Takahashi, N., Hashimoto, Y., Hara, M., Nogami, Y., Nakamura, H., Noya, H.** Measurement and semi-phenomenological analysis of the $^2H(\alpha, p)n$ reaction at 18 MeV 8-58292
- Sagara, M.** *see* Nanba, T. 8-60494
- Sagara, M.** *see* Shimakura, N. 8-50480
- Sagaradze, V.V., Malyshev, K.A., Shchedrin, E.I., Savel'eva, A.V., Lobanov, V.P.** Surface hardening of austenitic steels 8-85048
- Sagaradze, V.V.** *see* Sorokin, I.P. 8-64540
- Sagartz, M.J.** *see* Wesenberk, D.L. 8-64651
- Sagawa, H., Holzwarth, G.** Giant resonances: a comparison between TDHF and fluid dynamics in small amplitude vibrations of spherical nuclei 8-66233
- Sagawa, M.** *see* Suzuki, Y. 8-95469
- Sagawa, N.** *see* Yamamoto, H. 8-54813
- Sagdeev, R.Z., Shapiro, V.D., Shevchenko, V.I.** Convective cells and anomalous plasma diffusion 8-71439
- Sagdeev, R.Z.** *see* Moiseev, S.S. 8-83373
- Sagdullaeva, S.A.** *see* Imanov, E.Z. 8-51938
- Sage, R.** *see* Vie le Sage, R.
- Sager, G.** Properties of the distribution function $y = ax^b \exp(-c(\ln x)^2)$ 8-77686
- Sager, P., Alcorn, J., Doll, D., Field, R., Vrabie, D., Woods, T.** Engineering features of an upgradable ignition test reactor 8-54977
- Sager, R.E., Kleinberg, R.L., Warkentin, P.A., Wheatley, J.C.** Static magnetization of superfluid 3He 8-56008
- Sager, R.E., Kleinberg, R.L., Warkentin, P.A., Wheatley, J.C.** Longitudinal magnetic relaxation in superfluid 3He 8-79840
- Sager, R.W.** *see* Saner, W.A. 8-92525

- Sagert, N.H., Quinn, M.J. Surface viscosities at high pressure gas-liquid interfaces 8-75907
- Saghafian, R. see Carr, V.M. 8-79798
- Saginashvili, M.G. see Agekyan, T.A. 8-69665
- Sagiv, J. see Polymeropoulos, E.E. 8-95386
- Sagle, A.L. see Nasser, M.A. 8-70532
- Sagoo, M.S. A simple method to determine the Stephan's constant [student experiment] 8-69948
- Sagoyan, L.I. see Vinokurova, L.I. 8-60280
- Sagues, A.A., Okray Hall, B., Wiedersich, H. On the mechanisms of hydrogen attack 8-76791
- Sagues, A.A. see Jung, P. 8-72817
- Saguez, C. A variational inequality associated with a Stefan problem simulation and control 8-67009
- Sagun, Ye.I. see Dzharagov, B.M. 8-68987
- Sagurton, M., Shevchik, N.J. Polarisation dependence of the angle resolved photoemission spectra of Cu 8-56557
- Sagurton, M., Shevchik, N.J. Angle-resolved photoemission from copper: prediction of spectral peak intensities 8-72695
- Sah, C.T. see McNutt, M.J. 8-72266
- Saha, J.G. Gravity approximation and interpretation of a two-dimensional vertical fault 8-61301
- Saha, M. see Chaudhuri, B.K. 8-64328
- Saha, P., Zuber, N. An analytical study of the thermally induced two-phase flow instabilities including the effect of thermal non-equilibrium 8-51240
- Saha, P.K. see Ghosh, G. 8-54405
- Saha, S., Datta, K.K., Barua, A.K. Photodissociation of HeH^+ by both electronic and vibrational transitions 8-90244
- Saha, S. see Bhattacharyya, S.S. 8-62883, 8-70915
- Saha, S. see Lakes, R.S. 8-77133
- Saha, S. see Ray, S. 8-70909
- Saha, S.C., Sengupta, S. Systematics of moments of dipole oscillator-strength distribution for members of the He isoelectronic sequence 8-86821
- Saha, S.K., Iyer, R.M. γ -radiolysis of methyl iodide in 3-methyl pentane glassy matrix and the effects caused by its aggregation 8-64864
- Sahai, R., Harris, J.S., Edwall, D.D., Eisen, F.H. Growth and evaluation of LPE graded composition $\text{AlGa}_{1-x}\text{As}$ layers for high efficiency graded bandgap solar cells 8-76612
- Sahai, Y. see Bittencourt, J.A. 8-81477
- Sahal-Brechot, S. see Bommer, V. 8-85924
- Sahebkar, M., Schlichting, J., Schubert, P. Possibility of reinforcing glass by carbon fibres 8-95724
- Saheki, T. see Tajima, T. 8-57316
- Sahlin, H.L. see Gullickson, R.L. 8-59671
- Sahni, O., Lanza, C., Howard, W.E. One-dimensional numerical simulation of AC discharges in a high-pressure mixture of Ne+0.1% Ar confined to a narrow gap between insulated metal electrodes 8-67451
- Sahni, V.C. see Chaddah, P. 8-68578
- Sahoo, D. Classical mechanics in phase space revisited 8-54170
- Sahoo, D., Sahu, H.K. Lattice statics calculations for a vacancy in magnesium 8-55865
- Sahoo, D.G. see Mishra, S.P. 8-51251, 8-87396
- Sahoo, H.K., Rao, P.S., Gupta, U.C., Misra, S.C. Bremsstrahlung radiation from a 5 MeV betatron 8-70657
- Sahoo, M., Baragar, D., Smith, R.W. Compressive properties of the unidirectionally solidified Sb-Ge eutectic 8-68730
- Sahota, M. see Greig, D. 8-67873
- Sahu, H.K. see Sahoo, D. 8-55865
- Sahu, R. see Satpathy, M. 8-74300
- Sahuc, P. see Burq, J.P. 8-82569
- Sai-Halas, G.A., Pinczuk, A., Yu, P.Y., Esaki, L. Superlattice umklapp processes in resonant Raman scattering 8-64362
- Sai-Halsz, G.A. see Sakaki, H. 8-75995
- Saibel, E. see Akay, A. 8-89521
- Saibel, E. see Ciftan, M. 8-91540, 8-91541
- Saichev, A.I. The ray description of a thin wave beam in a randomly-inhomogeneous medium 8-63007
- Saichev, A.I. A statistical variant of 2-point boundary value problem analysis 8-81924
- Said, F.I.A., Foldiak, G., Wojnarovits, L. Potentiometric determination of absorbed doses in the ceric/cerous dosimeter 8-94146
- Said, H., Castanet, R. Thermodynamic investigation of the tellurium-thallium system. II. Enthalpy of formation at elevated temperatures 8-52774
- Saida, A. see Malugani, J.-P. 8-67854
- Saidoh, M. see Ohtsuka, H. 8-95633
- Saidoh, M. see Sone, K. 8-95211
- Saidov, D. see Nel'son, K.V. 8-76746
- Saidov, M.S. see Rudovolt, T.V. 8-95353
- Saied, M.Kh. see Abdurazakov, A.A. 8-80658
- Saifiev, R.Z., Stupachenko, M.G., Lashkov, V.I. Calculating heating up of emitter and product before deposition of coating from vapour phase 8-95701
- Saigo, T. see Takatsu, H. 8-66371
- Saigusa, M. see Matsumoto, H. 8-73272
- Saigusa, T., Ueno, Y. Calculated responses to a thermal neutron beam for hamster and HeLa cells containing boron-10 at different concentrations 8-73178
- Saijo, K., Saito, M. Wavelength dependence of the opacity in the atmosphere of the K-type component of 32 Cygni 8-73741
- Saijonmaa, J. Calculation of the electron double ionization cross section of the K-shell in Cr and Fe 8-62929
- Saijonmaa, J., Keski-Rahkonen, O. Measurement of the electron double ionization cross section of the K-shell in Cr and Fe 8-62928
- Saikan, S. J-dependence of intensity-dependent polarization change 8-70775
- Saikan, S. Nitrogen-laser-pumped single-mode dye laser 8-87060
- Saiki, K., Yoshimi, M., Tanaka, S. Modulation spectroscopy on the group IV and VI transition-metal dichalcogenides 8-80377
- Saikin, V.T. Casting alloy of the Al-Si-Cu-Ni system 8-95814
- Saile, V. Normal incidence monochromators for synchrotron radiation sources 8-62235
- Saile, V. see Peatman, W.B. 8-94294
- Sailer, E. see Kruger, J.K. 8-76485
- Saillant, R. see Taylor, W.A. 8-87795
- Saillard, Y. see Morreucq, J.P. 8-79446
- Sailor, R.V., Dziewonski, A.M. Measurements and interpretation of normal mode attenuation 8-61343
- Sailov, N.S. see Kaminskii, A.A. 8-55600
- Saima, A. see Kawatsu, M. 8-83395
- Sain, D., Kouvel, J.S. Giant moments in paramagnetic Pd-Ni alloys 8-56291
- Saini, G.R. see Srivastava, R.C. 8-60155
- Saini, H.S., Nagpaul, K.K., Sharma, K.K. Fission-track ages from the Pandoh-Baggi area, Himachal Himalaya, and their tectonic interpretations 8-57182
- Saini, H.S., Sharma, O.P., Parshad, R., Nagpaul, K.K. Fission track annealing characteristics of epidote: applications to geochronology and geology 8-94038
- Sainio, M.E. see Green, A.M. 8-70398
- St.-Arnaud, J.M., Bose, T.K. Direct determination of the imperfect gap contribution to the refractive index of ethylene and a discussion of the quadrupole moment 8-55253
- St.-Maurice, J.-P., Torr, D.G. Nonthermal rate coefficients in the ionosphere: The reactions of O^+ with N_2 , O_2 , and NO 8-57375
- St.-Pierre, C. see Ramavattaram, K. 8-66257
- St. Amand, R., Giessen, B.C. On the metastable system mercury-thallium 8-52762
- St. J. Lambert, R., Chamberlain, V.E. CO_2 permafrost and Martian topography 8-65535
- St. Jeor, S.C. see Christensen, R.C. 8-77089
- St. John, D.H., Hogan, L.M. Al₃Ti and the grain refinement of aluminium 8-52828
- St. John, K.R. see Anand, S.C. 8-69256
- St. John Manley, R. see Wittmann, J.C. 8-56626
- St. Lorient, S.J. Biomagnetism—a review 8-88722
- St. Pierre, G.R. A necessary surface condition for stability-positive divisibility 8-73956
- Saint-Arnaud, R., Goldman, A. Secondary electron emission due to negative corona discharges 8-67592
- Saint-Cricq, N. see Carles, R. 8-60473
- Saint-Dizier, J.P. see Gagne, J.M. 8-86967
- Saint-Guily, B. Characteristic properties of planetary waves in the ocean (second class waves) 8-65337
- Saint-Guiron, H. Influence of salt content on the evolution of dielectric properties of NH_4Cl doped ice microcrystals 8-56424
- Saint-James, D. see Caroli, C. 8-84065
- Saint-Paul, M., Nava, R. High frequency ultrasonic relaxations in smoky quartz 8-71796
- Saint-Paul, M., Picot, B., Nava, R. Specific heat of smoky quartz 8-71867
- Saintignon, P. de see de Saintignon, P.
- Saintignon, P. de see de Saintignon, P.
- Sainz, A., Roberts, V.C. A new approach to Doppler ultrasound flowmetry 8-61234
- Saio, H. Helium abundance of metal-poor binaries 8-81660
- Sairkunov, P.N. see Savchenko, A.V. 8-59063
- Saishin, M., Mine, K., Matsuda, T., Nakao, S., Nagata, R. On the theory of retinoscopy 8-85308
- Saissy, A. see Botineau, J. 8-55405
- Saita, Y., Tsutsui, M. Determination of carbides in high speed steels by anodic oxidation technique 8-85040
- Saitkulov, V.G., Grebennik, V.S. Inspecting the wall thickness of tapered profiles using impulse thickness gauges with a three-element transducer 8-72988
- Saito, A., Venart, J.E.S. Radiation effects with the transient line source measurement of fluid thermal conductivity 8-94889
- Saito, H., Wada, H. Forced flexural vibrations of an elastic beam supported by an elastic half-space 8-63353
- Saito, H. see Komatsu, M. 8-92194
- Saito, H. see Someno, M. 8-56945
- Saito, H. see Takahashi, S. 8-55373
- Saito, H. see Takashima, H. 8-52505, 8-53013, 8-88554
- Saito, H. see Toyota, E. 8-54905
- Saito, H. see Yamashita, S. 8-66170
- Saito, K. Coarse-graining of fluctuations and preservation of normality: A review of at-power reactor noise theory from the statistical physical viewpoint 8-94068
- Saito, K., Basu, A.R., Alexander, E.C., Jr. Planetary-type rare gases in an upper mantle derived amphibole 8-96167
- Saito, K., Sakagami, H., Shinohara, T., Fukuzumi, T. Effect of addition of sucrose or sorbitol on fragility, filling capacity and equilibrium moisture content of tobacco shreds 8-56876
- Saito, K., Sakagami, H., Shinohara, T., Fukuzumi, T. Effect of addition of both glycerol and sucrose on fragility, filling capacity and equilibrium moisture content of tobacco shreds 8-85113
- Saito, K., Shimada, I., Shinoyama, E., Yanagihara, S. Effects of some primary pollutants on photochemical aerosol formation 8-57305
- Saito, K. see Matsumoto, H. 8-73272
- Saito, K. see Nagano, K. 8-87054
- Saito, K. see Shimada, I. 8-88648
- Saito, M. Constitutive equations of polarizable thermo-plastic materials 8-67062
- Saito, M. Uranium exploration and international cooperation 8-86628
- Saito, M. see Murakami, M. 8-55465
- Saito, M. see Narusawa, T. 8-49845
- Saito, M. see Saijo, K. 8-73741
- Saito, N. see Ichimura, A. 8-73924
- Saito, N. see Wako, H. 8-64931, 8-64932
- Saito, S. Kapitza resistances between liquid ^3He and magnetic salts 8-51780
- Saito, S. see Akashi, T. 8-80542
- Saito, S. see Hirota, E. 8-74646
- Saito, S. see Kondo, K. 8-49805
- Saito, S. see Kubota, K. 8-50926
- Saito, S. see Minakata, M. 8-94442
- Saito, S. see Nishioka, H. 8-50110
- Saito, S. see Noda, J. 8-66905
- Saito, S. see Sakai, K. 8-78448
- Saito, T. Sequential solutions with the bandtype system of observation equations 8-65169
- Saito, T. Thermoplastic-photoconductor media 8-78956
- Saito, T., Kondo, H., Toyoda, J. Rod and cone signals in the on-center bipolar cell: their different ionic mechanisms 8-61177
- Saito, T., Sakurai, T., Yumoto, K. The Earth's palaeomagnetosphere as the third type of planetary magnetosphere 8-61683
- Saito, T., Shibata, N., Honda, T., Tsujiuchi, J. Microscopic response in thermoplastic-photoconductor media (edge effect) 8-58947
- Saito, T., Shigemoto, K. The Weinberg angle in the unified theory of all elementary-particle forces 8-62344
- Saito, T., Yamatoya, N., Onuma, M. Analysis of fission product release from HTGR core during transient temperature excursion 8-82467
- Saito, T. see Hino, Y. 8-89863
- Saito, T. see Hosono, K. 8-82343
- Saito, T. see Kawamura, K. 8-76092
- Saito, T. see Masuhara, H. 8-58772
- Saito, T. see Shiraiishi, Y. 8-59965
- Saito, T. see Shizuka, H. 8-74694
- Saito, T. see Tamura, N. 8-54641
- Saito, T. see Tanikawa, Y. 8-66070
- Saito, T. see Unwin, R.S. 8-65436
- Saito, Y. Pseudocritical phenomena near the spinodal point 8-65894
- Saito, Y., Yatsuya, S., Mihama, K., Uyeda, R. Multiply-twinned particles of germanium. A supplement to 'Formation of ultrafine particles by gas-evaporation technique. V' 8-63685
- Saito, Y. see Kondo, K. 8-60107
- Saito, Y. see Maezawa, K. 8-87900
- Saito, Y. see Shinata, Y. 8-74108
- Saito, Y. see Toriumi, K. 8-51481
- Saitoh, K., Mannami, M. Evidence of the modulated structure in Au-Ni films 8-87887
- Saitoh, M., Aoki, T. Theory of hot electrons on the surface of ^4He 8-59988
- Saitoh, T. Numerical method for multi-dimensional freezing problems in arbitrary domains 8-90693
- Saitoh, T., Matsubara, S., Minagawa, S. Initial growth behaviour of indium phosphide on molybdenum substrates 8-51855
- Saitou, N., Yamamoto, S., Okano, H. Power spectral density of field emission current fluctuation 8-88407
- Saitovitch, H. see Butz, T. 8-76366
- Saitsev, A.A., Ilinsky, W.W., Bragina, G.W. Moving striations in longitudinal homogeneous magnetic field 8-67523
- Saitta, B. see Bosetti, P.C. 8-70357
- Sajben, M., Kroutil, J.C., Chen, C.P. Unsteady transonic flow in a two-dimensional diffuser 8-71361

- Saji, S. *see* Sogabe, T. 8-76659
- Sak, J., Grest, G.S. Critical exponents for the Lifshitz point: ϵ expansion 8-65899
- Sak, J. *see* Grest, G.S. 8-65898
- Saka, H., Iwata, T., Imura, T. Temperature dependence of the stacking-fault energy in pure silver 8-51565
- Saka, H., Sueki, Y., Imura, T. On the intrinsic temperature dependence of the stacking-fault energy in copper-aluminium alloys 8-51564
- Saka, H. *see* Imura, T. 8-83822
- Sakabe, T. *see* Nakatani, N. 8-55707
- Sakae, T., Nagata, H., Sudo, T. The crystal structure of synthetic calcium phosphate-sulfate hydrate, $\text{Ca}_2\text{HPO}_4\cdot\text{SO}_4\cdot 4\text{H}_2\text{O}$, and its relation to brushite and gypsum 8-83785
- Sakaev, R.A., Eramzhyan, R.A., Majling, L., Rizek, J. Radiative pion capture by ^{32}S 8-89910
- Sakaev, R.A. *see* Kissener, H.R. 8-74408
- Sakagami, H. *see* Saito, K. 8-56876, 8-85113
- Sakagami, S. *see* Takase, A. 8-87774
- Sakagishi, K. *see* Takagi, S. 8-82520
- Sakaguchi, H., Nakamura, M., Hatanaka, K., Goto, A., Noro, T., Ohtani, F., Kobayashi, S., Hosono, K., Kondo, M. Exploration of nuclear matter distribution of the s-d shell nuclei with the elastic and inelastic scattering of 65 MeV polarized protons 8-78297
- Sakaguchi, H. *see* Nakamura, M. 8-54754
- Sakaguchi, H. *see* Toba, Y. 8-82336
- Sakaguchi, K., Murayama, H. Mechanical properties of IR vulcanizates in biaxial finite deformation 8-84939
- Sakaguchi, K. *see* Maeta, S. 8-92015
- Sakaguchi, M., Ohhashi, T., Azuma, T. A new simple mechanostimulator with special reference to its physiological applications 8-92762
- Sakaguchi, M. *see* Kondo, M. 8-83089
- Sakai, D.Zh. *see* Bulanov, S.V. 8-91106
- Sakai, E. *see* Misawa, S. 8-89403
- Sakai, E. *see* Takada, S. 8-91817
- Sakai, H. Sulfate-water isotope thermometry applied to geothermal systems 8-69383
- Sakai, H., Dickson, F.W. Experimental determination of the rate and equilibrium fractionation factors of sulfur isotope exchange between sulfate and sulfide in slightly acid solutions at 300°C and 1000 bars 8-62937
- Sakai, H., Harami, T., Maeda, Y., Ichiba, S., Negita, H. A study of intermolecular bonding in antimony triiodide by using Mossbauer effect of ^{129}I 8-72438
- Sakai, H., Matsubaya, O. Stable isotopic studies of Japanese geothermal systems 8-69385
- Sakai, H., Murphy, R.E. Improvements in time resolved Fourier spectroscopy 8-58070
- Sakai, H. *see* Daiguji, H. 8-90910
- Sakai, H. *see* Ejiri, H. 8-50185, 8-89872, 8-93927
- Sakai, H. *see* Watanabe, T. 8-92646
- Sakai, J., Kimura, T. Bending loss of propagation modes in arbitrary-index profile optical fibers 8-66896
- Sakai, J., Kimura, T. Splice loss evaluation for optical fibers with arbitrary-index profile 8-90499
- Sakai, K., Hishida, H., Nakai, Y., Saito, S. Probabilistic distributions of pin gaps within a wire-spaced fuel subassembly and sensitivities of the related uncertainties to pin gap 8-78448
- Sakai, K., Masumoto, H., Ichimura, K., Kojima, H. High-resolution lamellar-grating Fourier-transform spectrometer for the sub-millimeter region 8-72023
- Sakai, K., Okubo, Y., Hishida, H. Three-dimensional deflection analyses of wire-spaced pin bundles under temperature and hydrodynamic force fields with irradiation effects 8-78449
- Sakai, K., Yoshida, T. Single mesh narrow bandpass filters from the infrared to the sub-millimeter region 8-50911
- Sakai, K. *see* Akiba, S. 8-66828
- Sakai, K. *see* Tsumura, K. 8-96141
- Sakai, M., Rester, A.C. Quasi-ground, quasi-beta, and quasi-gamma bands 8-82265
- Sakai, M. *see* Hashimoto, O. 8-54684
- Sakai, S. *see* Inoue, K. 8-66029
- Sakai, T. Relief-type holograms made on amorphous As-Se-Ge film and replication of the holograms 8-78959
- Sakai, T. Hot-pressing of the $\text{AlN-Al}_2\text{O}_3$ system 8-95720
- Sakai, T., Matsuyama, M., Takada, T. Charge density distribution along positive streamer on dielectric surface 8-87536
- Sakai, T. *see* Hasegawa, H. 8-84304
- Sakai, T. *see* Iijima, S. 8-69606
- Sakai, T. *see* Takahashi, K. 8-76688
- Sakai, Y. *see* Okada, I. 8-59539
- Sakai, Y. *see* Taniguchi, T. 8-79487
- Sakai Jun-Ichi *see* Jun-Ichi Sakai
- Sakaida, A. *see* Murakami, M. 8-83501
- Sakano, T. *see* Makishima, A. 8-80502
- Sakairi, T., Miyamoto, S. Operational experience of Hamaoka BWR power station 8-86654
- Sakaki, H., Chang, L.L., Sai-Halsz, G.A., Chang, C.A., Esaki, L. Two-dimensional electronic structure in InAs-GaSb superlattices 8-75995
- Sakaki, T.A. *see* Tanaka, M. 8-80591
- Sakakibara, A. *see* Ohta, M. 8-88485
- Sakakibara, T. *see* Yamada, J. 8-75392
- Sakalas, A. *see* Hoschl, P. 8-76094
- Sakalas, A. *see* Martinaitis, A. 8-52014
- Sakalas, A.P. *see* Gorban, I.S. 8-84217
- Sakalas, A.P. *see* Martinaitis, A.V. 8-64043
- Sakalauskas, S.V. *see* Maldutis, E.K. 8-59098
- Sakalova, N.P. *see* Gaiduchenko, A.K. 8-60614
- Sakamaki, K., Inada, S. Effect of grain size on the transition behaviour of a low carbon steel 8-52942
- Sakamaki, K., Inada, S. Effect of pre-strain on the relationship between transition behaviour and tensile speed of a low carbon steel 8-72839
- Sakamaki, K., Inada, S. Effect of prestrain on the relationship between transition behaviour and bending speed of a low carbon steel 8-84919
- Sakamoto, H. *see* Narita, N. 8-59820
- Sakamoto, I. *see* Nagao, S. 8-55009
- Sakamoto, J. *see* Mukai, K. 8-52356
- Sakamoto, K., Kaga, K., Komura, K. Production of ^{32}Si from proton bombardment of natural chlorine 8-89864
- Sakamoto, K. *see* Kamiwano, M. 8-95872
- Sakamoto, K. *see* Mizuno, M. 8-79747
- Sakamoto, M. *see* Adachi, H. 8-72295
- Sakamoto, N., Shiori, N., Ishiwari, R., Miyajima, J. Energy straggling of 6.74 MeV protons in Cu 8-79641
- Sakamoto, N. *see* Ishiwari, R. 8-79651
- Sakamoto, N. *see* Muramatsu, S. 8-60091
- Sakamoto, S. *see* Dotoku, K. 8-88406
- Sakamoto, S. *see* Okada, I. 8-59539
- Sakamoto, T., Tsukizoe, T. Metal transfer in the frictional contact of a rough hard surface 8-64739
- Sakamoto, T., Tsukizoe, T. Deformation and wear behaviour of the junction in quasi-scratch friction 8-88542
- Sakamoto, Y., Furuse, T. Effects of quenching and tempering on diffusion of hydrogen in structural low-alloyed high strength steels 8-64565
- Sakamoto, Y., Miura, A. The diffusion of hydrogen in nickel 8-51739
- Sakamoto, Y., Takao, K., Takeuchi, K., Tokumitsu, S. Effect of quenching and tempering on diffusion of hydrogen in high-strength alloy steels 8-52857
- Sakamoto, Y. *see* Hatsuda, Y. 8-50138
- Sakanaka, P.H. *see* Galvao, R.M.O. 8-91144
- Sakane, M. *see* Ohnami, M. 8-84958
- Sakanoue, M. *see* Nakanishi, T. 8-77215
- Sakanoue, M. *see* Shun'ichi Hisamatsu 8-96103
- Sakashita, S. *see* Morita, K. 8-63450
- Sakata, A. Gamma ray measurements with Pb-foiled organic liquid scintillator 8-90032
- Sakata, F., Iwasaki, S., Marumori, T., Takada, K. Structure of excited states in Se-isotopes 8-54687
- Sakata, F. *see* Iwasaki, S. 8-54683
- Sakata, M., Aoki, S., Kanzawa, M., Ogure, N., Tateishi, K. J-integral approach to fracture of rotating disk 8-92352
- Sakata, M. *see* Aoki, S. 8-55603
- Sakata, S. *see* Kajiyama, K. 8-55354
- Sakata, T. Photoelectrochemistry and energy conversion 8-53220
- Sakata, T. Natural frequencies of an orthotropic continuous plate 8-90766
- Sakata, T. *see* Kawai, T. 8-76868
- Sakata, T. *see* Nishida, I. 8-79992
- Sakaue, T. *see* Shimizu, Y. 8-51813
- Sakawa, M. Solution of multicriteria control problems in certain types of linear distributed-parameter systems by a multicriteria simplex method 8-59257
- Sakellou, L. *see* Rohringer, H. 8-74277
- Sakellidou, L. *see* Michaelidou, C. 8-93904
- Sakharov, S.L. *see* Alexeev, V.L. 8-54721
- Sakharov, V.A., Usmanov, R.Sh., Prokhorov, S.G. Effect of an electric field on Fe^{3+} ions in MgWO_4 8-88176
- Sakharov, V.M. *see* Gribov, B.S. 8-66013
- Sakharova, V.A. *see* Sid'ko, F.Ya. 8-68932
- Sakhelashvili, V.N. *see* Zorev, N.N. 8-78454
- Sakhnenko, V.P. *see* Dergunova, N.V. 8-95041
- Sakhno, V.P. *see* Styrikovich, M.A. 8-90985
- Sakhnovskii, M.Yu., Kunetskii, M.G. Scattering matrix and brightness coefficients of MS-20 and MS-14 photometric etalons 8-82020
- Sakisaka, Y. *see* Akimoto, K. 8-72652
- Sakita, B. *see* De Vega, H.J. 8-78067
- Sakiyama, M. *see* Yoshizawa, A. 8-63419
- Sakka, S., Senga, A. Studies on Si-O bonding in silicate and aluminosilicate glasses based on Si K β emission X-rays 8-52594
- Sakmar, I.A. The Martin-Newton condition in screened Coulomb scattering 8-70006
- Sako, K., Minato, A. Blanket structure design for JAERI experimental fusion reactor 8-62654
- Sako, K. *see* Toyota, E. 8-54905
- Sako, K. *see* Yamato, H. 8-54972
- Sakon, T. *see* Fujiwara, M. 8-52952
- Sakovich, V.A. *see* Gribov, B.S. 8-66013
- Saks, T., Zavt, G. Electronic states at (100) surface of ionic crystals with spin-orbit interaction taken into account 8-91750
- Saksaganskii, G.L. *see* Ershov, B.D. 8-51201, 8-55663
- Saksaganskii, G.L. *see* Prudnikov, I.A. 8-78033
- Saksee'v, E.K. *see* Artemenkova, L.V. 8-89998
- Saksena, D.N., Pandey, G.N. Residence time distribution in liquid semifluidized beds 8-94814
- Saksonov, Yu.G. *see* Dukhovskaya, E.L. 8-67701
- Saksonov, Yu.G. *see* Gendeleev, S.Sh. 8-53119
- Sakuda, T., Nagata, S., Nemoto, F. Influence of α -clustering on the odd-parity levels in A=18 nuclei 8-74318
- Sakudo, N., Tokiguchi, K., Koike, H., Kanomata, I. Microwave ion source for high-current implanter 8-70224
- Sakudo, N. *see* Ishitani, T. 8-92579
- Sakudo, N. *see* Tamura, K. 8-83835
- Sakudo, N. *see* Tokiguchi, K. 8-55071, 8-82073
- Sakudo, T., Fujii, Y. Bond charge theory and induced SHG in perovskite-type oxides 8-76395
- Sakudo, T. *see* Fujii, Y. 8-76429
- Sakudo, T. *see* Unoki, H. 8-80294
- Sakuma, T. Comment on 'The structure of $\alpha\text{-Ag}_2\text{S}$ ' 8-95027
- Sakuma, T. *see* Fujii, Y. 8-51628, 8-75600
- Sakuma, T. *see* Hoshino, S. 8-83792
- Sakuma, Y., Aida, M., Kakihana, H. Fundamental study of practical separation of boron isotopes by means of anion exchange resin. II. Enrichment of boron-10 by means of isotopic plateau holding displacement chromatography 8-56886
- Sakun, V.P. *see* Sokolov, N.D. 8-64358
- Sakuntala, M., Jain, V.K. Acoustic wave interaction with plasma 8-83541
- Sakuntala, M. *see* Varshney, S.K. 8-75346
- Sakuraba, J. *see* Shibata, T. 8-54969
- Sakuraba, T. *see* Yamaguchi, Y. 8-52528
- Sakurai, A. Effect of Anderson magnetic impurities on superconductivity 8-52148
- Sakurai, A., Shimoda, K., Hirano, K. Production of a solid density plasma by a plasma focus discharge 8-87465
- Sakurai, A., Shiotsu, M., Kataoka, I., Hata, K. Sodium pool boiling heat transfer 8-89951
- Sakurai, H. Equilibrium of ortho-para hydrogen using chromium potassium sulfate for use in vapor pressure thermometry 8-62198
- Sakurai, H. *see* Kozaki, S. 8-66747
- Sakurai, S., Abe, K., Yoshinaga, H., Morozumi, S. Strain hardening and recovery in high-temperature deformation by pure-metal mode 8-52843
- Sakurai, T., Margaritondo, G., Rowe, J.E., Hagstrum, H.D. Chlorine and carbon monoxide chemisorption on semiconductors: Synchrotron radiation photoemission 8-73079
- Sakurai, T., Ogishima, A., Sugawara, M. Quantum efficiency and thermal stability of organic dye vapors 8-50771
- Sakurai, T., Tsong, T.T., Culbertson, R.J. Study of semiconductor surfaces using an atom-probe field ion microscope. I. Hydrogen chemisorption on silicon 8-71968
- Sakurai, T. *see* Furuya, T. 8-75682
- Sakurai, T. *see* Nishi, H. 8-51569, 8-51571
- Sakurai, T. *see* Nishimura, J. 8-61933
- Sakurai, T. *see* Saito, T. 8-61683
- Sakurai, T. *see* Sasahara, N. 8-90534
- Sala, K., Richardson, M.C. A passive nonresonant technique for pulse contrast enhancement and gain isolation 8-63142
- Sala, O. *see* Mauro, A.E. 8-66553
- Sala, O. *see* Santos, P.S. 8-64350
- Saladin, J.X. *see* Baktash, C. 8-82269
- Salaev, A.V. *see* Botaki, A.A. 8-53082, 8-76681
- Salaev, E.Yu. *see* Abdullaev, G.B. 8-59100, 8-72607
- Salaev, E.Yu. *see* Allakhverdiev, K.R. 8-71800
- Salaev, E.Yu. *see* Mavrin, B.N. 8-68513
- Salah, J.E. *see* Alcayde, D. 8-57376
- Salah, S.H. *see* Bahgat, A.A. 8-76360
- Salah, S.H. *see* Eissa, N.A. 8-68875
- Salah Sifaoui, M., Perrier, A. Deep evaporation characterization 8-59468
- Salahub, D.R. *see* Foti, A.E. 8-74784
- Salahub, D.R. *see* Messmer, R.P. 8-76576
- Salaita, G.N. *see* Sothras, S.L. 8-74355
- Salam, A., Strathdee, J. Supersymmetry and superfields 8-74167
- Salam, A. *see* Chamseddine, A.H. 8-62141
- Salam, A. *see* Mani, H.S. 8-70306
- Salam, A. *see* Pati, J.C. 8-62350
- Salam, S.A., Moustafa, H.R., Ezzo, M.M., Mohamed, S.A. Effect of tempering temperatures on the mechanical properties of Cu-Al alloy 8-76669
- Salama, M.M. *see* Argon, A.S. 8-60767

- Salamatina, O.B.** *see* Shaulov, A.Yu. 8-51450
- Salamatov, E.I.** *see* Murtazin, I.A. 8-76450
- Salamon, M.** *see* Shapiro, S.M. 8-79696
- Salamon, M.B.** *see* Malmhall, R. 8-68019
- Salamon, M.B.** *see* Shang, H.-T. 8-68254
- Salaneck, W.R.**, Paton, A., Gibson, H.W. Electron spectroscopy for chemical analysis: applications to materials for electrophotography 8-92565
- Salaneck, W.R.** *see* Ritsko, J.J. 8-52627
- Salaridene, J.** *see* Pistre, J.D. 8-55982
- Salaris, F.** *see* Krigbaum, W.R. 8-91427
- Salas, J.D.** *see* Boes, D.C. 8-81253
- Salashchenko, N.N.** *see* Gaponov, S.V. 8-67926
- Salat, A.** *see* Rebhan, E. 8-87484
- Salau, A.M.** New model for the self-trapped exciton in CsI 8-75998
- Salaun, P.** Linearized theory of the plane, unsteady, supersonic flow through a cascade. (Subsonic leading edge locus) 8-94766
- Salawa, J.** *see* Ciach, R. 8-92265
- Salby, M.L.** Radio meteor wind analysis using finite element approximation 8-81475
- Salcedo, J.R.**, Siegman, A.E., Dlott, D.D., Fayer, M.D. Dynamics of energy transport in molecular crystals: the picosecond transient-grating method 8-72079
- Salcudean, M.**, Guthrie, R.I.L. Fluid flow in filling ladles 8-85117
- Saldin, D.K.**, Stathopoulos, A.Y., Whelan, M.J. The nature and geometry of irradiation-induced defects in copper, molybdenum and zirconium 8-83854
- Saldin, D.K.**, Whelan, M.J., Rossouw, C.J. Electron diffraction contrast in non-symmetric Laue case 8-83666
- Sale, F.R.** *see* Olsen, A. 8-95700
- Saleem, M.**, Fazal-e-Alem Simple Regge pole model for Compton scattering of protons 8-93884
- Salefran, J.-L.** *see* Delbos, G. 8-92018
- Saleh, B.E.A.**, Cohn, T.E. Reduction of the human detective quantum efficiency due to lateral neural interactions 8-53395
- Saleh, H.** *see* Gosmanova, G. 8-85043
- Saleh, J.M.**, Hikmat, N.A. Effects of temperature, gas adsorption and nature of substrates on surface areas of evaporated metal films 8-79909
- Saleh, J.M.**, Wadei Al-Chorachi, G. Interaction of boron trichloride and hydrogen chloride with evaporated metal films 8-75945
- Saleh, J.M.** *see* Hikmat, N.A. 8-79897
- Saleh, M.** Preparation and growth of single crystals of anthracene 8-64463
- Saleh, Y.**, Margolin, H. Reloading yield points in β -Ti-Mn alloys 8-72822
- Salehi Manshadi, M.A.**, Woods, J. Surface states in m.i.s. devices of cadmium sulphide 8-72267
- Salem, L. A.** faithful couple: The electron pair [education] 8-89279
- Salem, M.**, Middleton, M.S. Time variability of astrophysical masers 8-53817
- Salem, M.** *see* Bier, K. 8-90652
- Salem, T.M.**, Horvath, J., Sidky, P.S. The use of soluble corrosion inhibitors for aluminium alloys 8-88565
- Salencon, J.** *see* Delbecq, J.M. 8-63334
- Salerno, J.C.** *see* Blum, H. 8-68694
- Sales, B.C.**, Maple, M.B., Vernon, F.L., III Initial oxidation kinetics near the Curie temperature of nickel 8-88578
- Saletan, E.J.** *see* Marmo, G. 8-93525
- Salge, J.**, Braunsberger, U., Fell, B., Ueno, I., Conrads, H. Sequences of neutron and X-ray flashes during a long-lasting current in a plasma focus device 8-63601
- Salibekov, S.E.** *see* Zabolotskii, A.A. 8-60624
- Salie, N.** A new procedure for the derivation of compatibility relations in general relativistic elastomechanics 8-81902
- Salie, N.** Measurement of the velocity of gravitational effects by Roll-Krotkov torsion balances 8-81912
- Salie, N.** *see* Gunter, B. 8-81904
- Saligov, S.G.** *see* Aliiev, T.M. 8-70089, 8-89423
- Salii, E.I.** *see* Sokolov, B.A. 8-89066
- Salikhbaev, U.S.** *see* Alikov, B.A. 8-74528
- Salikhdzhanova, R.M.-F.** *see* Kheifets, L.Ya. 8-56930
- Salikhov, A.G.**, Filatova, N.A. An algorithm for computing the gravitational attraction of models of structures 8-53758
- Salikhov, S.Ya.** *see* Kaibyshev, O.A. 8-60710
- Salikhova, F.S.** *see* Mavashev, Yu.Z. 8-83066
- Salimbeni, R.** *see* Burlamacchi, P. 8-79007
- Salimbeni, R.** *see* Matera, M. 8-66808
- Salin, A.** Calculation of wave-functions and collision matrix elements for one-electron diatomic molecules 8-50457
- Salin, A.** *see* Chemin, J.F. 8-74750
- Salin, A.** *see* Piacentini, R.D. 8-58808
- Salinari, S.** *see* Bertuzzi, A. 8-77078
- Salinas, S.R.** *see* De Freitas, L.C. 8-55949
- Salinas, S.R.** *see* Rau, A. 8-51918
- Salisbury, M.H.** *see* Spudich, P.K.P. 8-81117
- Salita, O.P.** *see* Lavrentev, F.F. 8-64567
- Salje, E.**, Gehlig, R., Viswanathan, K. Structural phase transition in mixed crystals $W_xMo_{1-x}O_3$ 8-79766
- Salje, E.** *see* Diehl, R. 8-51483
- Salje, G.**, Feller-Kniepmeier, M. The Cu-Fe phase diagram in the temperature range from 650 to 1050°C 8-60658
- Saljnikov, V.**, Boricic, Z. On the problem of control of magnetohydrodynamic boundary layers 8-91024
- Salik, J.** *see* Eichler, J. 8-69177
- Salkalachen, S.** *see* Rastogi, A.C. 8-84332
- Salkoff, L.**, Kelly, L. Temperature-induced seizure and frequency-dependent neuromuscular block in a ts mutant of *Drosophila* 8-56963
- Sal'kov, E.A.** *see* Grin, V.F. 8-72486
- Sal'kova, E.N.** *see* Odulov, S.G. 8-55326
- Sallam, O.H.**, Akimov, I.S., Naguib, K., Hamouda, I. Optimization of absorber distribution in reactor volume 8-50230
- Salleh, M.M.**, Copland, G.M. Crystal-field parameters of $PrCl_3$ using the multiple-scattering- X_α method 8-95271
- Salles-Cunha, S.X.**, Bernhard, V.M., Imray, T.J. Reliability of Doppler and impedance techniques for the diagnosis of thrombophlebitis 8-77144
- Sal'manov, R.S.** *see* Tarzimanov, A.A. 8-75249
- Salmanov, V.M.** *see* Tagirov, V.I. 8-52036, 8-76521
- Salmanova, N.A.** *see* Boos, E.G. 8-62530
- Salmeron, M.** *see* Tagle, J.A. 8-92150
- Salmeron, R.** *see* Corden, M.J. 8-62470
- Salmi, M.** *see* Barra, O.A. 8-93004
- Salmi, M.** *see* Magrini, A. 8-61122
- Salmin, A.V.** *see* Golovan, A.A. 8-59070
- Salminen, O.**, Hamalainen, R., Ketola, P., Keinonen, T. On properties of a holographic lattice recorded by a He-Ne laser beam in heavily radiation-coloured NaCl crystals 8-58950
- Salmistraro, F.** *see* Calvani, M. 8-54251
- Salmistraro, F.** *see* Catenacci, R. 8-77786
- Salmon, A.M.** *see* JENNISON, W. 8-86241
- Salmon, G.** Digital storage oscilloscopes 8-93673
- Salmon, J.**, Valton, M. New theoretical expressions for the coefficient of thermal conductivity and viscosity of a dense gas 8-94881
- Salmon, R.** Two-layer quasi-geostrophic turbulence in a simple special case 8-81186
- Salmon, R.**, Parent, C., Vlasse, M., Le Flem, G. The crystal structure of a new high-Nd-concentration laser material: $Na_3Nd(PO_4)_2$ 8-79582
- Salmon, R.** *see* Parent, C. 8-63724
- Sal'nikov, B.S.** *see* Krovotyntsev, V.A. 8-65428
- Salnikov, G.I.** *see* Andrejeva, A.V. 8-83826
- Sal'nikov, I.I.** Smoothing the estimate of the energy spectrum in an optical coherent spectrum analyzer for multimode laser radiation 8-55311
- Salnikov, O.A.** *see* Lovchikova, G.N. 8-54764, 8-89841
- Salo, L.B.**, Gerasimenko, V.S., Galagovets, I.V., Peresch, E.Yu., Slivka, V.Yu. Vibration spectra of single crystal and vitreous $PbGeS_3$ 8-72527
- Salomaa, M.** *see* Bolton, C. 8-82405
- Salomaa, R.**, Byckling, E. Temperature measurement by absorption spectroscopy 8-54375
- Saloman, E.B.** Typical photoefficiency between 20-250 eV of windowless XUV photodiodes with tungsten and anodized aluminum oxide photocathodes 8-65963
- Saloman, E.B.** Radiometric detector calibration capability increased 8-77959
- Salomatov, V.N.**, Shuraleva, E.I. Mechanism of interaction of relaxed and non-relaxed holes with impurity-vacancy dipoles in alkali-halide crystals 8-75661
- Salome, J.M.** *see* Bensussan, A. 8-90002
- Salomon, M.** Comparison of reflectors used in scintillation counters 8-70702
- Salomon, M.** *see* Rowe, G. 8-86455
- Salomon, P.M.** *see* Carpenter, D.G. 8-53792
- Salomonow, M.** *see* Freedy, A. 8-53576
- Salomons, W.**, Goudie, A., Mook, W.G. Isotopic composition of calcareous deposits from Europe, Africa and India 8-73368
- Salomonson, P.** *see* Kandaswamy, J. 8-78080
- Salon, J.** *see* Daminelcourt, J.J. 8-87532
- Salour, M.M.** Ultra-high resolution two-photon spectroscopy in atomic and molecular vapors 8-49909
- Salour, M.M.** Isotopic shift, pressure shift, and pressure broadening of the $7d'$ states of neon using Doppler-free two-photon absorption spectroscopy 8-55155
- Salour, M.M.** Optical Ramsey fringes in two-photon spectroscopy 8-82708
- Salour, M.M.** Quantum interference effects in two-photon spectroscopy 8-94224
- Salov, A.V.** *see* Bazakutsa, V.A. 8-51834
- Salov, B.** *see* Sobolev, G. 8-61405
- Salpeter, E.E.** *see* Dickey, J.M. 8-57610
- Salpeter, E.W.** *see* Malissa, H., Jr. 8-77523
- Salt, D.L.** *see* Tyler, A.L. 8-79365
- Saltanov, M.V.** A variational principle of the flexible strings mechanism in the Euler representation 8-54172
- Salter, C.J.**, Pauls, T., Haslam, C.G.T. Continuum observations of supernova remnant G127+0.5 at 2695 MHz 8-61903
- Saltmarsh, M.J.** *see* Freedom, B.M. 8-70571
- Saltsman, M.S.M.** Political and social decision making in relation to fracture, failure, risk analysis and safe design 8-77661
- Saltykova, L.M.** *see* Ermakov, I.A. 8-85380
- Saltynskaya, T.F.** *see* Fedchuk, A.P. 8-80069
- Saltzman, B.** *see* Lockwood, J.G. 8-81351
- Salugin, A.N.** *see* Povitskii, V.A. 8-72356
- Salukvadze, G.N.** The catalogue of Trapezium type multiple systems 8-61753
- Salukvadze, R.G.** *see* Amaglobeli, N.S. 8-54652
- Salvan, F.** *see* Derrien, J. 8-84091
- Salvati, M.** Strong waves in a collisionless, homogeneous plasma: waveform, polarization and non-linear effects 8-53809
- Salvati, M.**, Massaro, E. Gamma ray emission from pulsars 8-65641
- Salvetti, G.** *see* Andrews, K.J. 8-78991
- Salvetti, G.** *see* Dyer, P.E. 8-55733
- Salvetti, O.** *see* Colle, R. 8-90066, 8-90099
- Salvi, P.** *see* Chiang, T.C. 8-76525
- Salvi, P.R.** *see* Chiang, T.C. 8-60517
- Salvo, F.J.** *see* Di Salvo, F.J.
- Salwen, H.** *see* Grosch, C.E. 8-67176
- Salyadinov, V.S.** *see* Aleshin, I.V. 8-80438
- Salzborn, E.** *see* Muller, A. 8-58816
- Salzer, R.**, Fruwert, J., Franz, G. Conformation investigation of aliphatic alcohols 8-50541
- Salzmann, D.**, Krumbein, A. Calculation of X-ray production rate and ionization-state density in hot aluminum plasma 8-71458
- Salzmann, D.** *see* Eliezser, S. 8-79450
- Sam Lai Lee** *see* Byung Hwan Oh 8-54851
- Samaddar, B.N.** *see* Bhattacharya, H. 8-76672
- Samain, A.** *see* Adam, J. 8-71473
- Samain, A.** *see* Koechlin, F. 8-94894
- Samal, P.C.** *see* Pradhan, G.K. 8-79305, 8-83387
- Samalam, V.K.**, Serene, J.W. Zero-sound attenuation from order-parameter fluctuations in liquid ^3He 8-79845
- Samanta, S.R.**, Walrafen, G.E. Raman intensities and interaction in aqueous lysozyme 8-58704
- Samanta, S.R.** *see* Walrafen, G.E. 8-68498, 8-80383
- Samar, P.** *see* Imandel, K. 8-61453
- Samara, G.A.** Comment on the tricritical point in SbSI 8-68463
- Samaras, D.**, Collomb, A., Joubert, J.C. Study of the magnetic properties of the compound $\text{SrNd}_2\text{Fe}_2\text{O}_7$. Determination of the magnetic structures by neutron diffraction 8-52224
- Samaras, D.** *see* Collomb, A. 8-52214, 8-52222
- Samaras, G.M.** *see* Robinson, J.E. 8-64942
- Samsarskii, A.A.** *see* Goloviznin, V.M. 8-51147
- Samartsev, V.V.**, Usmanov, R.G., Ershov, G.M., Khamidullin, B.Sh. Advance and retardation effects of light echo signals 8-71158
- Samartseva, G.P.** *see* Ivanova, K.N. 8-56644
- Samatowicz, D.** *see* Chomka, W. 8-80283
- Sambasiva Rao, K.**, Bhanumathi, A. Dielectric properties of compressed rubidium bisulphate powders 8-76371
- Sambasiva Rao, K.**, Bhanumathi, A. Surface layer effects on the dielectric properties of NaNO_2 powders 8-76413
- Samberg, M.S.** Doppler shifted de Broglie wave 8-49613
- Sambongi, T.** *see* Tsutsumi, K. 8-59793
- Sambrook, J.**, Brady, D., Rawlings, K.C., van der Sluijs, J.C.A. A low-power Wien bridge oscillator for use in low-temperature thermometry 8-93680
- Sambur, M.R.**, Rosenberg, A.E., Rabiner, L.R., McGonegal, C.A. On reducing the buzz in LPC synthesis 8-57024
- Same, R.** *see* Gatehouse, B.M. 8-67687
- Samel, A.** *see* Brueker, H. 8-50038
- Samigullin, F.M.** *see* Arkhipov, V.P. 8-58002
- Samios, D.**, Karayannis, M., Dorfmueller, T. Heteromolecular vibrational relaxation times in liquid mixtures: cyclohexane/carbon tetrachloride 8-59731
- Samios, N.P.** *see* Baltay, C. 8-70354
- Samios, N.P.** *see* Cnops, A.M. 8-78167
- Samios, N.P.** *see* Kalelkar, M. 8-89700
- Samir, U.** *see* Stone, N.H. 8-77458
- Sammut, R.** *see* Love, J.D. 8-74979
- Sammut, R.A.** *see* Gambling, W.A. 8-74984
- Sammut, R.A.** *see* Kumar, A. 8-94436
- Samofalov, V.N.** *see* Palatnik, L.S. 8-88153
- Samoilenko, Yu.I.** *see* Rogal'skii, F.B. 8-83560
- Samoilov, L.N.** *see* Lovinskii, L.S. 8-89524
- Samoilov, L.N.** *see* Sapritskii, V.I. 8-93752
- Samoilov, M.S.**, Segen', V.V. Variation in the ambient temperature in the process of cooling a circular active laser element 8-74915
- Samoilov, M.S.**, Segen', V.V. Problem of cooling a planar active element in a solid laser 8-82978

- Samoilov, N.Ya.**, Davidovich, V.G. A new engineering solution of the three-voltmeter method 8-70159
- Samoilov, S.N.** see Nekrasov, A.G. 8-49726
- Samoilova, L.I.** see Tret'yakova, S.P. 8-86714
- Samoilovich, A.G.** see Baranskii, P.I. 8-51954
- Samoilovich, A.G.** see Vinnik, V.S. 8-95298
- Samoilovich, Yu.A.** Dynamics of nonequilibrium crystallization of alloy 8-95736
- Samojlov, V.V.** see Ermilova, D.I. 8-62468
- Samokhin, A.A.** see Zhiryakov, B.M. 8-87506
- Samokhin, A.N.** see Ob'edkov, V.D. 8-70922
- Samokhin, A.P.** see Rcheulishvili, G.L. 8-49984
- Samokhin, M.V.** Origin of the plasmasphere 8-69584
- Samokhin, M.V.** Generation of an Alfvén wave in the magnetotail by means of a proton accelerator 8-73582
- Samokhin, M.V.** A one-dimensional gasdynamical model of magnetospheric convection 8-81508
- Samokhin, Yu.D.** see Mishin, V.A. 8-57924
- Samokhvalov, A.A.**, Arbizova, T.I., Afanas'ev, A.Ya., Babushkin, V.G., Loshkareva, N.N., Gizhevskii, B.A., Simonova, M.I., Chebotaev, N.M., Bamburov, V.G., Lobachevskaya, N.I. Exchange interaction in ferromagnetic semiconductor EU_{1-x}Yb_xS and Eu_{1-x}Yb_xO solid solutions 8-88109
- Samokhvalov, A.A.**, Osipov, V.V., Kalinnikov, V.G., Aminov, T.A. Influence of a strong electric field on the electrical conductivity of ferromagnetic semiconductor CdCr₂Se₄ 8-87981
- Samokhvalov, A.A.** see Bazuev, G.V. 8-72335
- Samokhvalov, A.A.** see Tatsenko, O.M. 8-92054
- Samokhvalov, M.K.**, Novichkov, V.V., Sverdlova, A.M. Dynamic volt-capacitance characteristic measurement in metal-oxide-semiconductor structures 8-60207
- Samolov, I.V.** Aging of AL32 castings produced by pressure die-casting 8-56650
- Samorukov, B.E.**, Chernovets, B.V., Rumyantseva, N.N. The properties of lanthanide-doped GaP 8-52545
- Samoshenkov, Yu.K.** see Pankratov, S.G. 8-50686
- Samouel, M.**, de Kozak, A. The ternary system BaF₂-NiF₂-CrF₃ 8-95733
- Samour, C.** see Guichon, P.A.M. 8-58257
- Samovarov, V.N.** Current oscillations in a cryogenic helium discharge 8-67463
- Samoylovich, V.G.** see Gebalov, V.I. 8-63629
- Sampath, S.** see Wu, J.C. 8-75165
- Sampathkumar, R.** see Mahajan, G.R. 8-73533
- Sampei, M.** see Matsubara, F. 8-64179
- Sample, H.H.**, Rubin, L.G. Magnetic field induced temperature changes in cryogenic liquids: N₂, Ar, and He⁴ 8-57960
- Sampoli, M.** see De Santis, A. 8-58706
- Sampsel, J.B.**, Garland, J.C. Electrode effects on geometrical magnetoresistance 8-60108
- Sampsel, J.B.**, Garland, J.C. Effect of inhomogeneities on the galvanomagnetic properties of pure aluminium 8-60109
- Sampson, D.H.**, Parks, A.D., Clark, R.E.H. Intermediate-coupling collision strengths for fine-structure transitions between S and P levels and S and D levels in highly charged He-like ions 8-62925
- Sampson, D.H.** see Golden, L.B. 8-90297
- Sampuran-Singh, O'Neil, B.C.**, Bright, A.W. A parametric study of electrostatic powder coating 8-80662
- Samskog, P.-O.**, Nilsson, G., Lund, A. Primary reactions in crystalline Rochelle salt studied by pulse radiolysis and EPR spectroscopy. The decarboxylation of the acyloxy radical ion 8-70854
- Samson, A.V.** see Ionikh, Yu.Z. 8-83520
- Samson, J.A.R.** Polarized vacuum ultraviolet and X-radiation 8-66732
- Samson, J.A.R.** see Arakawa, E.T. 8-87129
- Samson, P.J.**, Ragland, K.W. Ozone and visibility reduction in the Midwest: evidence for large-scale transport 8-61507
- Samson-Dolfus, D.** see Vachon, B. 8-57112
- Samsonidze, T.G.** see Tsuprun, V.L. 8-96121
- Samsonov, B.F.** see Cheglodkov, E.I. 8-74576
- Samsonov, B.V.**, Sulaberidze, V.Sh. Pressure excursion in fuel elements with compact UO₂ during the first power emergence of a reactor 8-82477
- Samsonov, G.A.** see Ivanov, V.P. 8-86377
- Samsonov, G.V.**, Rud', B.M., Shulishova, O.I., Konovalova, E.S., Mudrolyubov, Yu.M., Budanova, I.G. Preparation and properties of complex borides of the system CaB₆-SmB₆ 8-52703
- Samsonov, M.A.** see Asanaliev, M.K. 8-71556, 8-94903
- Samsonov, V.A.** Quasistationary motions of mechanical systems 8-62066
- Samsonov, V.M.** Cherenkov and transition radiation in the γ -ray resonance frequency range 8-80432
- Samuel, I.** Analysis of mutual polarisabilities in Hueckel's framework. Application to alternating hydrocarbons 8-78834
- Samuel, M.** see Bechara, M.J. 8-50209
- Samuel, M.A.** see Chlouber, C. 8-74190, 8-89639
- Samuel, S.** Functional integrals over anticommuting variables and the one-dimensional scattering problem 8-62103
- Samuels, D.**, Spector, H. Nonlinear electric field dependence of the acousto-electric gain coefficient in n-InSb 8-76115
- Samuelson, L.**, Monemar, B. Optical transitions via the deep O donor in GaP. II. Temperature dependence of cross sections 8-87940
- Samuelson, L.** see Monemar, B. 8-60061, 8-87939
- Samuelson, L.E.**, Rickey, F.A., Grau, J.A., Popik, S.I., Simms, P.C. Levels of ¹⁰⁸Cd populated in the ⁹⁶Zr(¹⁶O,4n γ)¹⁰⁸Cd reaction 8-66301
- Samuilov, A.V.** see Buzhinskii, I.M. 8-90522
- Samuilov, E.V.**, Gorbato, A.V. Determination of the electron density in a nonisothermal highly dispersed aerosol plasma 8-91066
- Samulionis, W.** see Brilingas, A. 8-64335
- Samulski, E.T.** see Natarajan, K.M. 8-94341
- Samus, N.M.** see Malinovskii, S.T. 8-83803
- Samvelyan, S.K.** Some problems of additivity in the IR absorption spectra 8-58747
- San Miguel, M.** see Garrido, L. 8-86228
- Sanad, W.**, Haggag, A. Simple indium generators 8-74783
- Sanada, J.** see Furuno, K. 8-50189
- Sanada, T.**, Matsushita, K., Ohyama, T., Otsuka, E. Donor to acceptor electron transfer in germanium at low temperatures 8-84249
- Sanadze, T.I.** see Nazarova, O.V. 8-88114
- Sanamian, V.A.**, Venugopal, V.R., Chavushyan, H.S. Observations of radio flares of stars in the region of the Pleiades at 327 MHz 8-93245
- Sanampudi, K.Rao** see Rao Sanampudi, K.
- Sanasaryan, N.S.** Study of the feasibility of casing perforation by a jet of liquid metal 8-51216
- Sances, A., Jr.** see Hosek, R.S. 8-92611
- Sanchez, A.** see Lindgren, D.L. 8-85340
- Sanchez, C.** see Meseguer, F. 8-60416
- Sanchez, E.M.** see Soderblom, L.A. 8-65527
- Sanchez, I.C.** Problems and theories of polymer crystallization 8-51435
- Sanchez, J.** see Flouquet, J. 8-88094
- Sanchez, J.M.**, De Fontaine, D. Anomalous diffusion in omega forming systems 8-63873
- Sanchez, J.M.**, de Fontaine, D. The FCC Ising model in the cluster variation approximation 8-68278
- Sanchez, J.P.** see Friedt, J.M. 8-92000
- Sanchez, J.P.** see Laville, H. 8-88123
- Sanchez, M.** Observations of Mars with the Danjon astrolabe of the San Fernando Observatory 8-57483
- Sanchez Galvez, V.** see Astiz, M.A. 8-67139
- Sanchez Palencia, E.** Relaxation phenomena for viscous flow in porous media 8-87385
- Sanchez Sinicio, F.** see Pena, J.L. 8-68085
- Sanchez-Gomez, J.L.** see Roy, L.J. 8-82353
- Sanchez-Palencia, E.** see Aurialt, J.-L. 8-51235
- Sanchez-Sinocio, F.** see Gonzalez H, J. 8-84611
- Sancho, J.M.L.** see Lopez, M.P. 8-92511
- Sancholuz, A.G.** A precise instrument for measuring water waves 8-86294
- Sancisi, R.**, Ekers, R.D. Radio continuum emission from the barred spiral galaxy NGC 5383 8-73753
- Sanctuary, B.C.**, Selwyn, L. Non-Lorentzian NMR spectra at low densities 8-94259
- Sanda, A.I.** see Kawamoto, N. 8-70352
- Sanda, A.I.** see Marciano, W.J. 8-78108, 8-86436
- Sandacz, A.** see Gross, D. 8-70410
- Sandage, A.** Optical redshifts for 719 [bright galaxies] 8-89252
- Sandage, A.**, Visvanathan, N. The color-absolute magnitude relation for E and S0 galaxies. II. New colors, magnitudes, and types for 405 galaxies 8-89246
- Sandall, O.C.** see Hanna, O.T. 8-90884
- Sandalls, F.J.** Measurement of sulphur-3 in the coolant gas of the Windscale advanced gas-cooled reactor 8-73125
- Sandalls, F.J.** Determination of halocarbons in air by gas chromatography 8-85739
- Sandalov, A.V.**, Medvedev, M.Z. Feasibility of diagnosing the strength of parallel wound glass-textolite cylindrical shells 8-67157
- Sandars, P.G.H.** Search for optical rotation induced by the weak neutral current 8-82710
- Sandbach, D.R.** see Harrison, J.A. 8-52693
- Sandberg, A.A.** see Shiraiishi, Y. 8-80921
- Sandberg, I.W.** On the mathematical foundations of compartmental analysis in biology, medicine, and ecology 8-68978
- Sandberg, I.W.**, Kaminow, I.P., Cohen, L.G., Mammel, W.L. On the phase of the modulation transfer function of a multimode optical-fiber guide 8-55442
- Sandberg, J.** see Jensen, A.S. 8-50092
- Sandblom, J.** see Eisenman, G. 8-53370
- Sande, J.Vander** see Vander Sande, J.
- Sande, M.Van** see Van Sande, M.
- Sandegren, D.S.**, Yu, C.W. An equilibrium-compatibility approach to the determination of the strength of reinforced concrete rectangular beams under combined bending and torsion 8-60749
- Sandel, B.R.**, Shemansky, D.E., Broadfoot, A.L. Hydrogen L β and L α emission lines observed from the interplanetary medium by the Voyager UV spectrometer 8-81673
- Sandel, M.S.**, McCarthy, R.J., Barrett, B.R., Vary, J.P. Convergence and the third-order effective shell-model interaction 8-50102
- Sandel, P.S.** see Smathers, J.B. 8-96098
- Sandell, A.**, Lindgren, L.J. Rapid method of counting fission fragment tracks and track distributions in Makrofol using a multi-channel spark counter 8-58549
- Sandell, A.** see Lindgren, L.J. 8-50219
- Sandell, G.** Lifetime of molecules in a dark cloud model 8-85999
- Sandell, R.D.** see Varmazis, C. 8-88078
- Sanden, M.A.J.A.van de** see van de Sanden, M.A.J.A.
- Sandenaw, T.A.** Difficulties in producing pure α -phase plutonium 8-50252
- Sander, G.** Loss-mechanisms and morphology of low-density-polyethylene 8-92017
- Sander, H.G.** see Brandelik, R. 8-62416
- Sander, L.**, Shore, H.H., Rose, J.H. Attachment of an electron-hole droplet to a donor 8-87916
- Sandercock, J.R.** Light scattering from surface acoustic phonons in metals and semiconductors 8-76484
- Sandercock, J.R.**, Wetling, W. Light scattering from thermal magnons in iron and nickel 8-95424
- Sanders, A.T.** The effect of injection on the performance of conical diffusers 8-90864
- Sanders, B.S.** Low-level radiation and cancer deaths 8-85339
- Sanders, C.**, Murray, T.M., Jr., Jones, W.T. The development of a real-time ECG contour analysis program utilizing a microprocessor system 8-73288
- Sanders, C.L.**, Cannon, W.C., Powers, G.J. Lung carcinogenesis induced by inhaled high-fired oxides of beryllium and plutonium 8-96077
- Sanders, H.** see Stemple, S. 8-59202
- Sanders, J.** Are higher order resonances really interesting? 8-53800
- Sanders, J.P.** see Giles, G.E., Jr. 8-94083
- Sanders, J.V.**, Murray, M.J. Ordered arrangements of spheres of two different sizes in opal 8-87658
- Sanders, L.** see Jolly, E.L. 8-58493
- Sanders, R.W.** see Vernon, S.P. 8-52257
- Sanders, S.G.** Plasma rate equations for an RF discharge in a magnetic field 8-67455
- Sanders, S.J.**, Martz, L.M., Parker, P.D. Spectroscopy of high spin states in ¹⁶O and ²⁰Ne 8-50066
- Sanders, S.J.** see Paul, M. 8-54800
- Sanders, V.** see Scully, M. 8-79042
- Sanders, W.A.** High temperature compressive cracking in hot-pressed silicon nitride 8-76733
- Sanders, W.A.** see Barrett, C.A. 8-88576
- Sanderson, E.A.** see Halkia, K. 8-74319
- Sanderson, G.** see Archibald, L.C. 8-80482
- Sanderson, G.K.** see Bunch, P.C. 8-69200
- Sanderson, J.J.**, Uhrig, R.A., Jr. Extended Rankine-Hugoniot relations for collisionless shocks 8-75209
- Sanderson, J.J.** see Gary, S.P. 8-71470
- Sanderson, L.W.**, Cook, G.E., Johnson, L.E. Investigation of rhythms in reticulocyte production by spectra analysis 8-73279
- Sanderson, M.**, Gorski, R. The effect of metropolitan Detroit-Windsor on precipitation 8-92917
- Sanderson, N.**, Kitching, R. Flexibility of shafts with abrupt changes of section 8-90711
- Sanderson, N.E.**, England, J.B.A., Pollacco, E.C., Bhowmik, R.K. Effects seen in fast-timing with a surface barrier time-of-flight telescope 8-70683
- Sanderson, N.E.** see Roman, S. 8-54769
- Sanderson, T.** see Balogh, A. 8-85791
- Sandesara, N.B.** see Webb, R.A. 8-91799
- Sandford, M.C.W.** see Bhattacharyya, S.K. 8-53746
- Sandford, M.C.W.** see Boggess, A. 8-96382, 8-96383
- Sandford, M.C.W.** see Dupree, A.K. 8-96569
- Sandford, M.T.**, Gow, C.E., Honeycutt, R.K. Astronomical application of an S-1 response I-STT (intensified-silicon intensity target) television detector 8-81544
- Sandford, M.T.** see Gow, C.E. 8-81669
- Sandham, W.** see Hasselmann, K. 8-81418

- Sandhas, W. *see* Alt, E.O. 8-78331
- Sandhi Kumar Bera Studies on the modulus defect in ferromagnetic materials 8-76286
- Sandhu, H.S. Nuclear spin relaxation in liquid methylene chloride 8-80237
- Sandhu, R.S., Singh, K.J. Reduced integration for improved accuracy of finite element approximations 8-75066
- Sandhu, T.S., Rustgi, M.L. Lipkin-Nogami method using effective Yale interaction 8-50103
- Sandhya Devi, K.R., Strayer, M.R. Time-dependent Hartree-Fock calculations of alpha-alpha scattering in two and three dimensions 8-78401
- Sandhya Devi, K.R. *see* Faessler, A. 8-70432
- Sandhya Devi, R.K. *see* Faessler, A. 8-54712
- Sandiford, D.J. *see* Bagley, M. 8-91501
- Sandiford, D.J. *see* Bissell, P.R. 8-95403
- Sandig, R. *see* Ebeling, W. 8-75260
- Sandilos, P.X. *see* Nomicos, C.D. 8-73203, 8-82084
- Sandini, G. *see* Morasso, P. 8-81077
- Sanditov, D.S. The mechanism of viscous flow in glasses 8-87805
- Sandle, W.J. *see* Christian, L.A. 8-90103
- Sandler, B. *see* Auer, I.P. 8-62433
- Sandler, B. *see* Aver, I.P. 8-62432
- Sandler, B. *see* Colton, E. 8-55074
- Sandler, B. *see* Snyder, J.H. 8-89738
- Sandler, S.I. *see* Agrawal, R. 8-59734
- Sandler, S.I. *see* Narten, A.H. 8-59733
- Sandler, V.S. *see* Fredlander, I.N. 8-80674
- Sandlin, G.D. *see* Bartoe, J.-D.F. 8-93184
- Sandman, D.J. *see* Ritsko, J.J. 8-52627
- Sandman, D.J. *see* Wei, T. 8-52297
- Sandmann, W. *see* Weber, J. 8-63923
- Sandmann, W.H. *see* Lacy, C.H. 8-89202
- Sandner, W., Schmitt, W. Energy-dependence of the L_{α} -shell alignment of argon following electron impact ionisation 8-58838
- Sando, K.M. *see* Liu, B. 8-90091
- Sandock, J.A. *see* O'Neill, R.R. 8-89037
- Sandoe, E. *see* Andersen, J.D. 8-81034
- Sandoli, M. *see* Cuzzocrea, P. 8-62528
- Sandomirskii, M.M. *see* Korotushenko, G.V. 8-80539
- Sandomirskii, P.A., Evstigneeva, T.L., Simonov, M.A., Belov, N.V. Crystal structure of $\text{Na}_2\text{TiZn}_2[\text{GeO}_4]\text{O}_3$ 8-63734
- Sandomirskii, P.A., Klientova, G.P., Simonov, M.A., Belov, N.V. The crystal structure of $\text{ZnHPO}_4 \cdot \text{H}_2\text{O} = (\text{H}_2\text{O})\text{ZnPO}_4$ 8-63739
- Sandomirskii, P.A. *see* Simonov, M.A. 8-83804
- Sandomirskii, V.B. *see* Volkov, V.A. 8-68064
- Sandor, T., Paulin, S., Sridhar, B. Densitometric evaluation of myocardial contrast accumulation 8-69216
- Sandorfi, A.L., Kilius, L.R., Lee, H.W., Litherland, A.E. Fission of ^{24}Mg following E0 and E2 excitation 8-54744
- Sandorfi, A.M., Nathan, A.M. Structure in the radiative capture of ^{12}C by ^{12}C near the Coulomb barrier 8-54799
- Sandovskii, V.A. Calculating the resistance introduced by cracks in an applied transducer 8-53095
- Sandovskii, V.A. Eddy-current transducer for measuring thickness of lacquer colored coatings on a magnetic base 8-85101
- Sandovskii, V.A., Barabashkin, V.M. Approximate calculation of the impedance introduced by a nonmagnetic plate in a superposed transducer 8-60939
- Sandovskii, V.A., Khalikov, M.Ya. Design relationships for transducers in amplitude-phase methods of testing 8-53152
- Sandovskii, V.A., Khalikov, M.Ya. Two-channel eddy current inspection unit for inspecting cylindrical parts 8-72998
- Sandovskii, V.A., Rodigin, N.M. A magnetic induction defectoscope with adjustment 8-53105
- Sandovskii, V.A., Skvortsov, Yu.I. The INP-1 nickel plate thickness gauge 8-76821
- Sandqvist, A. *see* Gahn, G. 8-86048
- Sandreczki, T. *see* Ondercin, D. 8-60350
- Sandrelli, G.C. *see* Foglio Para, A. 8-58538
- Sandrock, R., Kamphausen, M., Schneider, G.M. High pressure studies of the phase transition enthalpies of the liquid crystal EBBA up to 2.5 kbar 8-75814
- Sandroni, S., Cerutti, C., De Groot, M. 2nd CEC remote sensing campaign: Drax 1976 correlation spectrometry measurements. Environment and quality of life 8-88908
- Sandros, K. *see* Becker, H.-D. 8-58728
- Sandstrom, R., Lehtinen, B., Hedman, E., Groza, I., Karlsson, S. Subgrain growth in Al and Al-1% Mn during annealing 8-56656
- Sandstrom, R. *see* Johansson, K. 8-72848
- Sandulescu, A., Silisteanu, I., Wunsch, R. Alpha decay within Feshbach theory of nuclear reactions 8-89829
- Sandulescu, A., Tarnoveanu, I., Rizea, M. Alpha decay widths and the structure of the alpha particle 8-62513
- Sandulescu, A., Tarnoveanu, I., Rizea, M. Taylor-series method for four-nucleon wave functions 8-66223
- Sandulescu, D. *see* Volatie, P. 8-52523
- Sandulov, D.B. *see* Eremenko, S.P. 8-76539
- Sandulova, A.V., Varshava, S.S., Shcherbai, K.S. Preparation and properties of filamentary GaAs crystals 8-52650
- Sandulova, A.V. *see* Abramchuk, G.A. 8-85097
- Sanduloviciu, M. *see* Biboroch, L. 8-67516
- Sanduloviciu, M. *see* Toma, M. 8-67525
- Sandwar, B.B. *see* Thakur, L. 8-91295
- Sane, A.Y., Cooper, A.R. Anomalous stress profiles in ion-exchanged glass 8-90803
- Sane, K., Sane, K.V. On the calculation of ionization potentials of hydrocarbons in the Pariser-Parr-Pople method 8-58592
- Sane, K.V. *see* Sane, K. 8-58592
- Saner, W.A., Jadamec, J.R., Sager, R.W. Change in resolution of reverse phase liquid chromatographic columns with temperature 8-92525
- Sanford, P.W. *see* Branduadi, G. 8-96568
- Sanford, P.W. *see* Charles, P.A. 8-65722
- Sanford, P.W. *see* Johnson, H.M. 8-57695
- Sanford, P.W. *see* Polidan, R.S. 8-89226
- Sanford, P.W. *see* White, N.E. 8-81658, 8-81711, 8-96566
- Sanford, R.J., Beaubien, L.A. Stress analysis of a complex part: photoelasticity vs. finite elements 8-71279
- Sanford, T.B., Drever, R.G., Dunlap, J.H. A velocity profiler based on the principles of geomagnetic induction 8-61569
- Sanford, T.B. *see* Hogg, N.G. 8-85572
- Sanford, T.W.L. *see* Baker, R.D. 8-70404
- Sanford, T.W.L. *see* Gay, M. 8-70405
- Sanford, W.E., Boyd, R.K., Ripmeester, J.A. An investigation of molecular reorientation in crystalline pyrazine by pulse NMR and the atom-atom approximation for intermolecular forces 8-76335
- Sanford-Francis, C.H.A. Magnetic changes in austenitic heat-resistant steels in prolonged service 8-53039
- Sang Hoon Lee *see* Kwan Sik Chun 8-86638
- Sang Lee Eung *see* Eung Sang Lee
- Sang Soo Lee *see* Hong Suk Kim 8-50918
- Sangal, S.S. *see* Shrivastava, R.L. 8-64432
- Sanger, P., Adam, E., Marancik, W., Poulsen, S. Design considerations for the Nb_3Sn forced flow conductor for LCP 8-50394
- Sanger, W., Voigtlander, J. On the temperature dependence of the magnetic susceptibility of enhanced paramagnetic metals: pure palladium 8-60265
- Sangiolo, J.B., Rohwer, A.B. Structural design improvements of ESSCO radomes and antennas 8-57449
- Sangster, J.M., Abraham, M.-C., Abraham, M. Vapour pressures of aqueous solutions of $(\text{Ag}, \text{Ti}, \text{Cd})\text{NO}_3$ at 98.5°C I. Brunauer-Emmett-Teller isotherms 8-51655
- Sangster, J.M. *see* Abraham, M.-C. 8-68908
- Sangster, M.J., Atwood, R.M., Schroder, U. Interionic potentials for alkali halides. I. Crystal independent shell parameters and fitted Born-Mayer potentials 8-55827
- Sangster, M.J.L., Atwood, R.M. Interionic potentials for alkali halides. II. Completely crystal independent specification of Born-Mayer potentials 8-55828
- Sangwal, K., Arora, S.K. Etching of MgO crystals in acids: kinetics and mechanism of dissolution 8-85014
- Sangwal, K., Patel, T.C. Etching studies on {100} faces of MgO crystals in H_3PO_4 acids 8-67714
- Sangwal, K., Urusovskaya, A.A., Smirnov, A.E. Selective etching of cesium iodide crystals and comparison of growth and dissolution processes 8-71739
- Sangwal, K. *see* Desai, C.C. 8-59812
- Sangwal, K. *see* Sutarja, J.N. 8-67720
- Sani, R.L. *see* Gresho, P.M. 8-92956
- Sani, R.L. *see* Lee, R.L. 8-90823
- Sanikidze, D.G. *see* Kekutua, Sh.E. 8-91496
- Sanin, V.M. *see* Miroshnichenko, I.I. 8-86453
- Sanjeevaiah, B. *see* Ranganathan, C. 8-86754
- Sanjeevaiah, B. *see* Venkataramaiah, P. 8-49600
- Sanjeevaiah, H. *see* Venkataramaiah, P. 8-49600
- Sankar, N.L. *see* Wu, J.C. 8-75165
- Sankar, S.C. *see* Murthy, V.R.K. 8-64300
- Sankar, S.G. *see* Inoue, T. 8-68236
- Sankar, S.G. *see* Martis, R.J.J. 8-68177
- Sankar, S.G. *see* Merches, M. 8-68296
- Sankar, S.G. *see* Wallace, W.E. 8-68210
- Sankaram, T.B., Bansigir, K.G. The ionic conductivity studies in mixed crystals of NaCl-NaBr 8-59970
- Sankaran, R. *see* Escher, J.S. 8-68600
- Sankaranarayanan, V.N., Bailey, R.T., Hyde, A.J. Low frequency Raman scattering from polystyrene 8-72516
- Sankarankutty, M. *see* Stallard, J. 8-77079
- Sankarshana Murthy, M.N. *see* Deshpande, C.E. 8-95157
- Sankhla, B.S. *see* Vaishnav, P.P. 8-58684
- Sanlin, P. *see* Lampi, L. 8-96458
- Sanmartin, J.R., Vallejo, M.A. Widespread error in a standard problem in the dynamics of deformable bodies 8-86071
- Sann, H. *see* Olmi, A. 8-82375
- Sannigrahi, A.B. On the geometry of HSO, SOH and HS₂ radicals in their ground and first excited electronic states 8-50657
- Sannikov, V.F. Development of ship waves caused by shifting pressures in multi-layer fluid 8-77256
- Sannikov, V.F., Cherkesov, L.V. Unsteady internal ship waves (three layer model) 8-65323
- Sannikov, V.F., Cherkesov, L.V. On development spatial internal waves generated by moving disturbances 8-77251
- Sanny, J. *see* Dodds, S.A. 8-88182
- Sano, F. *see* Ishikawa, J. 8-66007
- Sano, M., Takemasa, T., Wakai, M. E2-transition rates of the ground state rotational member 8-89821
- Sano, M. *see* Kitazoe, Y. 8-54791, 8-58294
- Sano, M. *see* Ueda, Y. 8-71858
- Sano, N. *see* Kayashima, M. 8-91930
- Sano, O. Sedimentation of a small sphere in a viscous fluid bounded by two perpendicular walls 8-90975
- Sano, O. *see* Yanagidani, T. 8-56748
- Sano, T. *see* Shohoji, N. 8-52780
- Sano, T. *see* Yoshizawa, H. 8-68928
- Sano, W. *see* Sartorelli, J.C. 8-84477
- Sanokawa, K. *see* Seki, M. 8-75050
- Sansdrap, J. *see* Col, J. 8-81021
- Sanso, F. Molodensky's problem in gravity space: a review of the first results 8-65173
- Sansome, D.H. *see* Nakagiri, A. 8-59186
- Sansonetti, C.J. *see* Palmer, B.A. 8-82042
- Sansonetti, J.E., Furdyna, J.K. Microwave propagation in powdered semiconductors 8-56175
- Santamaria, G.T. A new generation of arc and arc filament power supplies for pulsed neutral beams 8-70637
- Santamaria, J., Bunker, D.L., Grant, E.R. Dynamical effects of mode specific excitation in unimolecular decomposition: a trajectory study of C_2H_6 8-64815
- Santamaria, J. *see* Le Montreux, J.P. 8-50712
- Santana, C., Felsen, L.B. Mode losses in unstable resonators with rounded edges 8-79039
- Santana, C., Felsen, L.B. Unstable strip resonators with misaligned circular mirrors 8-82991
- Santana, M.R. *see* Buckler, M.J. 8-90533
- Santappa, M. *see* Kulasekaran, S. 8-56577
- Santarelli, A.R. Numerical analysis of the regularized long-wave equation: anelastic collision of solitary waves 8-77724
- Santarelli, F. *see* Spadoni, G. 8-73057
- Santaro, M. *see* Neumann, L. 8-66353
- Santarsiero, B.D. *see* Van Hecke, G.R. 8-59742
- Santee, G.E., Jr., Price, C.C., Wilson, A.E. Asymmetry effects in fluid flow measurements using pulsed-neutron activation 8-83508
- Santeler, D.J. *see* Kiesling, R.A. 8-70135
- Santhamma, A.V., Das, K.R. Dosimetry of Cathetron applicators in intracavitary therapy 8-69217
- Santhanam, A.T. *see* Beck, C.G. 8-76740
- Santhanam, A.T. *see* Braginski, A.I. 8-52174
- Santhanam, A.T. *see* Gavalier, J.R. 8-88054
- Santhanam, T.S., Sinha, K.B. Quantum mechanics in finite dimensions 8-89356
- Santiago, J., Robinson, A.M. UV photoion density measurements using a high-pressure Langmuir probe 8-51340
- Santier, C. *see* Block, D. 8-80256
- Santilli, R.M. On a possible Lie-admissible covering of the Galilei relativity in Newtonian mechanics for nonconservative and Galilei form-noninvariant systems 8-73838
- Santilli, R.M. Need of subjecting to an experimental verification the validity within a hadron of Einstein's special relativity and Pauli's exclusion principle 8-89655
- Santis, A. *see* De Santis, A.
- Santis, P. *see* De Santis, P.
- Santis, R. *see* De Santis, R.
- Santner, J.S. A study of fracture in high purity 7075 aluminium alloys 8-80636
- Santoku, M. *see* Hikida, T. 8-53193
- Santomau, L., Antoni, C.E., Gualdi, R., Tebaldi, G. Simulated atmospheric behaviour of sulphur dioxide over Milan urban area during the winter 8-53721
- Santor, M. *see* Duba, A. 8-61401
- Santoro, A., Maeland, A., Rush, J.J. Neutron powder diffraction study of titanium copper deuteride $\text{TiCuD}_{0.90}$ 8-95018
- Santoro, A. *see* Prince, E. 8-67624
- Santoro, G. *see* Bortolani, V. 8-71934, 8-72536, 8-75921, 8-80032, 8-95222, 8-95224
- Santoro, R.J., Diebold, G.J. Density gradient measurements of vibrational relaxation in Ar-CIF mixtures behind shock waves 8-90267

- Santoro, R.J.**, Fernandez-Pello, A.C., Glassman, I. Two-dimensional LDV measurements of flows induced by flames propagating over condensed fuels 8-59529
- Santoro, R.T.** *see* Barnes, J.M. 8-82512
- Santoro, R.T.** *see* Bettis, E.S. 8-62649
- Santoro, R.T.** *see* Uckan, N.A. 8-54981
- Santos, A.** *see* Brey, J.J. 8-91212
- Santos, F.D.** *see* Roman, S. 8-54769
- Santos, F.Dos** *see* Dos Santos, F.
- Santos, M.** *see* Gonzalez-Diaz, P.F. 8-60442
- Santos, M.A.** *see* Kosterlitz, J.M. 8-76252
- Santos, N.dos** *see* dos Santos, N.
- Santos, P.S.**, Temperini, M.L.A., Sala, O. Resonance Raman effect of the $\text{Mo}_2\text{Cl}_8^{4-}$ ion: a re-examination 8-64350
- Santrach, D.**, Leilmez, J. The latent heat of vaporization prediction for binary mixtures 8-83930
- Santroni, A.** *see* Berglund, A. 8-66160
- Sanuki, H.** *see* Watanabe, T. 8-83563
- Sanyal, N.K.**, Srivastava, S.L., Goel, R.K. Vibrational spectra of some molecules related to nucleic acids 8-61143
- Sanyoshi, A.** *see* Fukui, H. 8-78616
- Sanz, F.** *see* d'Anjou, A. 8-71678
- Sanz, G.** *see* Lafond, C. 8-60681
- Sanz, G.** *see* Marandet, B. 8-60762
- Sanz, J.L.** *see* Martin, J. 8-49730, 8-86152
- Sao-min Wu *see* Wu Sao-min
- Sapareto, S.A.**, Hopwood, L.E., Dewey, W.C. Combined effects of X-irradiation and hyperthermia on CHO cells for various temperatures and orders of application 8-65088
- Sapargaliev, A.A.** *see* Glikman, L.G. 8-50689
- Saparin, G.V.** *see* Spivak, G.V. 8-95985
- Sapega, V.F.** *see* Kreingol'd, F.I. 8-67955
- Sapego, G.N.** *see* Kolokol'chikov, V.V. 8-51077
- Sapelkin, N.V.**, Spiridonov, V.V. Laser cavity with low-reflectance output mirror and reduced radiation loading on the element 8-83000
- Sapershtein, E.E.**, Fayans, S.A., Khodel', V.A. Quantum hydrodynamical description of low-lying collective states in atomic nuclei 8-89772
- Saperstein, W.A.** *see* Skeath, P. 8-91514
- Sapezhinskii, I.I.** *see* Naidan, D. 8-68991
- Sapin, M.** *see* Morelli, C. 8-65209
- Sapir, J.** *see* Ensslin, N. 8-82444
- Sapogin, L.G.** *see* Boichenko, V.A. 8-84827
- Sapogov, B.A.** *see* Blinov, V.V. 8-71076
- Sapondzhyan, S.O.** *see* Movsesyan, M.E. 8-82705
- Saporetti, F.**, Guidotti, R. Nucleon radiative capture through collective M1 excitation 8-58276
- Saporetti, F.**, Longo, G., Guidotti, R. Investigation of angular distributions by the E1-E2 direct-semidirect model 8-62536
- Saporetti, F.** *see* Longo, G. 8-93994
- Sapoval, B.** *see* Arribart, H. 8-72214
- Sapozhnikov, A.N.**, Kashaev, A.A. Features of the crystal structure of calcium-containing elpidite 8-95038
- Sapozhnikov, M.G.** *see* Mach, R. 8-74403
- Sapozhnikov, M.G.** *see* Nichitiu, F. 8-58307
- Sapozhnikov, M.N.** Properties of the zero-phonon lines in the optical spectra of molecular crystals 8-56512
- Sapozhnikov, V.K.** *see* Mastikhin, V.M. 8-71165
- Sapozhnikova, A.B.** *see* Frantsevich, I.N. 8-60595
- Sapozhnikova, V.A.** *see* Antipov, A.B. 8-74663
- Sapp, W.W.** *see* Eichler, R. 8-66695
- Sappa, N.N.** *see* Karpukhin, V.I. 8-83603
- Sapre, A.K.** *see* Thakur, R.K. 8-96559
- Sapriel, J.**, Morin, D. Low frequencies optical modes of alkali-alkaline earth solid solutions with a tetragonal tungsten bronze structure 8-76477
- Sapritskii, V.I.**, Lovinskii, L.S., Samoilov, L.N., Stepanov, B.M. Special state standard for power-luminescence spectral-density unit of continuous spectral radiations in range of 0.25-2.5 μ 8-93752
- Sapritskii, V.I.** *see* Lovinskii, L.S. 8-89524
- Sapru, M.L.** *see* Bhat, C.L. 8-73970
- Sapru, S.** *see* Sastry, S.B.S. 8-84670
- Saprykhina, E.A.** *see* Kondratenko, A.V. 8-86883
- Saprykin, A.I.** *see* Gerasimov, V.A. 8-74098
- Saprykin, E.G.** *see* Atutov, S.N. 8-49912
- Saprykin, E.M.** *see* Dusebaev, A.D. 8-54778
- Saprykin, V.A.**, Nikitin, Yu.K. Investigation of the resolving capacity of the human auditory analyzer 8-69104
- Saprykina, E.A.** *see* Kondratenko, A.V. 8-86886
- Sapunov, V.V.**, Tsvirko, M.P., Solov'ev, K.N. Quenching of the triplet states by Fe (II)- and Fe (III)-porphyrins 8-76992
- Sar-el, H.Z.** *see* Pellach, E. 8-94419
- Sar-el H.Z.** A new technique for the determination of gases in metals 8-61094
- Sarachik, M.P.** *see* Guha, A. 8-88074
- Saracoglu, Z.B.** Determination of TR-1 thermal spectrum using a wedge shaped absorber 8-74439
- Sarai, T.** *see* Honda, K. 8-64586
- Saraie, J.** *see* Takebe, T. 8-64111
- Saraikin, V.V.** *see* Valiev, K.A. 8-60414
- Sarantakos, S.B.** *see* Gounaris, G.J. 8-93868
- Sarantites, D.G.**, Westerberg, L., Dayras, R.A., Halbert, M.L., Hensley, D.C., Barker, J.H. Angular-momentum effects in pre-equilibrium processes 8-50208
- Sarantites, D.G.** *see* Barker, J.H. 8-82311
- Sarantites, D.G.** *see* Westerberg, L. 8-70484
- Sarantsev, V.P.** *see* Aleksandrov, V.S. 8-66436
- Sarantsev, V.V.** *see* Kravtsov, A.V. 8-50046
- Saraph, H.E.** Fine structure cross sections from reactance matrices—a more versatile development of the program JAJOM 8-90312
- Saraswat, K.C.**, Meindl, J.D. Breakdown walkout in planar p-n junctions 8-60199
- Saraswat, K.C.** *see* Kamins, T.I. 8-91559
- Saraswat, K.C.** *see* Meindl, J.D. 8-72049
- Saraswat, R.S.**, Upreti, G.C. Estimation of T_1 of fast relaxing Co^{2+} ions from the observed EPR linewidth of Mn^{2+} and VO^{2+} impurities in some cobalt salt single crystals 8-64268
- Sarbach, S.**, Fisher, M.E. Tricritical scaling in the spherical model limit 8-68248
- Sarbach, S.** *see* Fisher, M.E. 8-93640
- Sarbey, O.G.** *see* Kurtenok, L.F. 8-84223
- Sarce, A.**, Kittl, J. Activation energies measurements using hot stage metallography 8-72773
- Sardanashvili, G.A.** The problem of gravitational vacuum 8-81896
- Sardarly, R.** *see* Allakhverdiev, K. 8-76462
- Sardarly, R.M.** *see* Allakhverdiev, K.R. 8-59903, 8-71800
- Sardarly, R.M.** *see* Mavrin, B.N. 8-68513
- Sardos, R.** Incoherent energy and coherent time of depolarized microwaves—application in the case of atmospheric propagation 8-96277
- Sare, I.R.**, Honeycombe, R.W.K. Splat cooling of iron-molybdenum-carbon alloys 8-84855
- Sargent, C.M.** *see* Morrison, J. 8-79232
- Sargent, C.P.** *see* Findlay, D.J.S. 8-50151
- Sargent, C.P.** *see* Lichtenstadt, J. 8-50155
- Sargent, D.G.** *see* Kleinmann, S.G. 8-54009
- Sargent, G.A.** *see* Conrad, H. 8-64659
- Sargent, H.H.**, III A prediction for the next sunspot cycle 8-69778
- Sargent, J.P.** *see* Yates, B. 8-95164, 8-95165
- Sargent, J.W.** Data from free flow traffic noise measurements 8-90591
- Sargent, L.B., Jr.** *see* Tsao, Y.H. 8-64707
- Sargent, M.**, III Spectroscopic techniques based on Lamb's laser theory 8-70194
- Sargent, M., III.** *see* Scully, M. 8-79042
- Sargent, W.L.W.** *see* Young, P. 8-57631
- Sargood, D.G.** *see* Paine, B.M. 8-66281
- Sargood, D.G.** *see* Solomon, S.B. 8-93090
- Sarholt-Kristensen, L.** *see* Johansen, A. 8-66008
- Sari, C.** Porosity in MX-type fuels and its stability 8-86629
- Sari, C.** *see* Moreno, A. 8-70604
- Sari, S.O.**, Hollingsworth Smith, P., Oona, H. Near IR absorption in films of silicon containing oxygen 8-88333
- Sari, S.O.**, Masterson, K.D., Gurev, H.S. Near infrared reflectivity at high temperature of layers of silicon containing oxygen 8-56532
- Sari, S.O.** *see* Ahlgren, W.L. 8-88644
- Sarid, D.**, Cressman, P.J., Holman, R.L. High-efficiency prism coupler for optical waveguides 8-94431
- Sarid, D.**, Stegeman, G.I. Light scattering on internal reflection from surface acoustic waves 8-64345
- Sarid, D.**, Stegeman, G.I. Direct measurement of the partial waves of a surface acoustic wave by means of light scattering 8-66994
- Sarin, V.A.**, Dudarev, V.Ya., Dobrynina, T.A., Fykin, L.E., Zavodnik, V.E. X-ray and neutron structural investigation of $\text{RbF}/\text{H}_2\text{O}_2$ crystals 8-67698
- Sario, M.** *see* De Sario, M.
- Saris, F.W.** *see* Bannenberg, J.G. 8-66437
- Saris, F.W.** *see* Hoonhout, D. 8-56055
- Saris, F.W.** *see* Turkenburg, W.C. 8-63916
- Saris, F.W.** *see* Woerlee, P.H. 8-78790
- Sarjeant, W.J.** *see* Taylor, R.S. 8-58992
- Sarka, B., Jr.** *see* Grosjean, D.F. 8-74943
- Sarkadi, L.** *see* Mukoyama, T. 8-78658
- Sarkadi, L.** *see* Vegh, J. 8-76965
- Sarkar, A.K.**, Chakravorti, S., Banerjee, S.B. Vibrational assignments of trimethoxy benzenes 8-58701
- Sarkar, A.K.** *see* Chakravarti, S. 8-58715
- Sarkar, B.**, Ray, R.K., Seal, A.K. Effect of TMT on the toughness and fracture characteristics of two Fe-Mn-Ni alloys 8-60794
- Sarkar, C.K.**, Chattopadhyay, D. Effect of the electron spin on the magneto-Seebeck coefficient of polar semiconductors at large magnetic fields 8-80011
- Sarkar, H.** *see* Bandyopadhyay, P. 8-70299
- Sarkar, K.**, Bhattacharyya, D.P., Basu, D. Cosmic pion spectrum at the top of the atmosphere 8-53780
- Sarkar, K.K.**, Goyal, S.C. Modified quantum theory of electronic dielectric constant of III-V semiconductors 8-60046
- Sarkar, P.C.**, Singh, G.C. On the use of L-F approximation method in molecular dynamics 8-66458
- Sarkar, P.C.**, Singh, G.C., Choudhury, K.M.S.R. Molecular constants of some tetrahalide molecules of group IV A 8-66528
- Sarkar, S.**, Biswas, S. An interactive approach towards rapid analysis of track data in plastics using graphic displays 8-66456
- Sarkar, S.** *see* Biswas, S. 8-69632
- Sarkar, S.** *see* Kim, J.E. 8-82200
- Sarkar, S.B.** Permeability measurement of individual iron ore pellet 8-80711
- Sarkar, S.D.** *see* Beierwaltes, W.H. 8-65118
- Sarkar, S.K.**, Sengupta, S. On completeness of Born-Huang invariance conditions 8-51620
- Sarkar, S.K.**, Sengupta, S. Lundqvist three-body interaction and lattice dynamics of ionic crystals 8-67775
- Sarkar, S.L.**, Jeffery, J.W. Electron microprobe analysis of Scawt Hill bredigite-larnite rock 8-68952
- Sarkar Annapurna** *see* Annapurna Sarkar
- Sarkisov, S.E.** *see* Kaminskii, A.A. 8-95593
- Sarkissian, B.V.B.** Low field magnetic properties of dilute alloys of rare-earths in Pr 8-84443
- Sarkissian, B.V.B.** Low-field susceptibilities of rare-earth spin glass alloys 8-84446
- Sarkissian, B.V.B.** *see* Coles, B.R. 8-72371, 8-95453
- Sarkisyan, A.S.**, Drozdov, V.N., Zhikharev, G.M. Comparison of the results of a detailed calculation of a velocity field with full-scale observations in a North Pacific Ocean current 8-61428
- Sarkisyan, A.Ts.** *see* Sukiasyan, S.S. 8-f21772450
- Sarkisyan, G.S.** *see* Movsesyan, M.E. 8-82705
- Sarkisyan, S.M.** *see* Arutyunyan, V.M. 8-71145
- Sarlet, W.** Exact invariants for time-dependent Hamiltonian systems with one degree-of-freedom 8-54215
- Sarlet, W.** Invariance and conservation laws for Lagrangian systems with one degree of freedom 8-62067
- Sarlet, W.** On a common derivation of the averaging method and the two-timescale method 8-85835
- Sarlet, W.**, Cantrijn, F. On some aspects of the inverse problem for general first order systems 8-74181
- Sarma, B.K.** *see* Bhattacharya, S. 8-75818
- Sarma, C.R.**, Dinesha, K.V. Projected basis set for the irreducible representation $\{2n^{2-s}, 1^n\}$ of $U(n)$ 8-77668
- Sarma, K.V.** *see* Paul, H.S. 8-56428
- Sarma, K.** Venkateswara *see* Venkateswara Sarma, K.
- Sarma, M.S.** Compressibility influence on internal waves excited by travelling forcing effects 8-61495
- Sarma, N.** *see* Jain, A.K. 8-54772
- Sarma, N.V.G.**, Mohanty, D.K. Search for the deuterium absorption line at 327 MHz in the direction of the Galactic Centre 8-77599
- Sarma, P.B.K.** *see* Kishore, P.R. 8-75542
- Sarma, P.K.** *see* Narayana Murty, V. 8-93632
- Sarma, P.K.** *see* Rao, P.S.V.K. 8-90668
- Sarma, S.B.S.S.**, Sharma, M.C. Study of the relationship between the geomagnetic storms and the cosmic radio noise absorption at Delhi 8-69589
- Sarma, S.B.S.S.**, Sharma, M.C. New methods of separating F region absorption from the cosmic radio noise absorption 8-85769
- Sarma, S.B.S.S.** *see* Sharma, M.C. 8-77396
- Sarmiento, E.F.**, Tilley, D.R., Zeks, B. Theory of ferromagnetic polariton linewidths 8-87918
- Sarmiento, G.S.** *see* Basombrio, F.G. 8-90731
- Sarmiento, G.S.** *see* Laura, P.A.A. 8-51048, 8-51082
- Sarna, S.I.** *see* Ali, S.M.J. 8-63305
- Sarna, T.**, Hyde, J.S. Electron spin-lattice relaxation times of melanin 8-96017
- Sarna, T.** *see* Hyde, J.S. 8-68380
- Sarnstrand, C.** The crystal structure of antimony(III) chloride oxide $\text{Sb}_2\text{O}_3\text{Cl}_2$ 8-79572
- Saro, S.** Radiometric determination of uranium contents with liquid scintillation spectrometers 8-69487
- Saro, S.**, Sivo, A., Usacev, S. Determination of low radiocarbon activity by $^{14}\text{CO}_2$ absorption in liquid scintillator 8-74550
- Sarode, P.R.** Correlation between the chemical shifts in X-ray absorption spectra of ionic solids and contribution to the chemical bond 8-76559
- Sarode, P.R.** X-ray L_{III} absorption edges of bismuth halides 8-82750
- Sarode, P.R.** *see* Lokhande, N.R. 8-76557
- Sarohia, V.** *see* Back, L.H. 8-94778
- Saroja, D.**, Srinivasa Rao, K.N., Gopala Rao, A.V. New aspects of the Foldy-Wouthuysen and Cini-Touscheck transformations 8-62291

- Sarov, G.A., Nikolova, A.B. System for deposition of thin layers by cathode sputtering of increased capacity 8-60572
- Sarp, H. see Taner, M.F. 8-69339
- Sarracino, R.S. see Cooperstock, F.I. 8-49728
- Sarras, S., Woodall, D.M. Resolving the positive, negative, and neutral fluxes of an expanding, laser-produced plasma 8-87494
- Sarrak, V.I. Delayed fracture, hydrogen, and impurities in steel 8-84988
- Sarrak, V.I., Suvorova, S.O. Variation in the state of austenite before the martensitic transformation and the temperature M_s 8-56634
- Sarrau, J.-M., Bostel, A., Martin, C., Gallot, J. Atom probe: Experimental results on tungsten and iron-aluminum alloy samples 8-86389
- Sarrau, J.-M. see Carles, D. 8-87994
- Sarrazin, P., Motte, F., Besson, J., Coddet, C. Oxidation mechanism of titanium and of TA6V4 alloy by water vapor 8-76787
- Sarre, P.J. see Carrington, A. 8-70822, 8-70886, 8-74671
- Sarret, M. see Bouliou, A. 8-86941
- Sarry, M.F. Diagram technique for s-d model 8-67932
- Sartakov, B.G. see Alimpiev, S.S. 8-74714
- Sarti, D. see Martinuzzi, S. 8-76113
- Sarti, G.C. Thermodynamics of polymeric liquids: simple fluids with entropic elasticity obeying the time-temperature superposition principle 8-63406
- Sartorelli, G. see Basile, M. 8-70416, 8-74240
- Sartorelli, J.C., Isotani, S., Ochi, J.A., Sano, W., Piccini, A. EPR and IR spectra of $\text{Ni}(\text{ClO}_4)_2 \cdot 6\text{H}_2\text{O}$ between 98 and 298K 8-84477
- Sartori, L. see Teplitz, V.L. 8-61956
- Sartory, W.K. Adsorption of the walls of a cylindrical channel 8-84048
- Saruev, G.A., Rybkova, N.A., Bulgakov, N.K., Kuznetsov, V.M., Kalinin, B.N., Mameev, V.V. Scintillation hodoscope with FEU-87 photomultipliers 8-78562
- Sarukhanshvil, A.V. see Kutateladze, K.S. 8-63678
- Saruwatari, M. see Kawana, A. 8-71215
- Saruwatari, M. see Kimura, T. 8-83075
- Sarwar Syed Ali A modified method to avoid postcontamination 8-54350
- Sarychev, A.K. The Renormalization Group method for the calculation of the conductivity of a dense weakly ionized plasma 8-71457
- Sarychev, V.A., Miret, S.A. The use of gyrodamers in passive satellite attitude control systems 8-96379
- Sarychev, V.A., Yakovlev, N.I. Rate-optimal parameters of a satellite equipped with two stabilizers 8-69641
- Sarychev A.K. see Lagar'kov, A.N. 8-71456
- Sarycheva, L.I. see Azaryan, M.O. 8-70366
- Sarycheva, L.I. see Dombek, T. 8-82255
- Sarzhnevskii, A.M. see Gaisenk, V.A. 8-74641
- Sarzynski, A. see Gac, K. 8-50297
- Sasabe, K., Okane, I. Deformation mechanism of filler metal at brazed joint 8-80616
- Sasada, T. see Honda, T. 8-87804
- Sasada, Y. see Nakanishi, H. 8-63748
- Sasada, Y. see Ueno, K. 8-63747
- Sasagase, M. see Tagishi, Y. 8-70523
- Sasahara, M. see Kataoka, T. 8-87319
- Sasahara, N., Sakurai, T. Fabrication of toroidal mirrors for projecting target surface in solar furnace 8-90534
- Sasajima, S. see Kumagai, N. 8-56705
- Sasakawa, T. Decompositions into channels of three- and four-body wave functions 8-78333
- Sasakawa, T. Decoupled Yakubovskii equation for a four-body system and its physical implications 8-78334
- Sasakawa, T., Sawada, T. Treatment of the Schrodinger equation with a nonlocal nonsymmetric potential 8-82325
- Sasakawa, T., Sawada, T., Shioyama, S. Three-nucleon bound state, perturbation approach to the Faddeev equation 8-54691
- Sasaki, A. Theory for electron mobility in ternary mixed semiconductors 8-84210
- Sasaki, A., Yamada, F., Masui, T. A simple and accurate measuring technique of the spot size of Gaussian laser beams 8-63146
- Sasaki, A. see Arai, I. 8-74347
- Sasaki, E., Ohta, A., Kosuge, M. Notch sensitivity in fatigue of several structural materials 8-60757
- Sasaki, E. see Nihei, M. 8-80649
- Sasaki, E. see Ohta, A. 8-80619
- Sasaki, G., Igarashi, M., Chiba, K. An experiment on sensitivity of the SIT [Silicon Intensifier Target] camera 8-89085
- Sasaki, H. see Yokobori, A.T., Jr. 8-77157
- Sasaki, K., Sato, T., Nakamura, Y. An effective utilization of spectral spread in holographic passive imaging systems 8-71250
- Sasaki, K. see Ito, H. 8-66166
- Sasaki, K. see Kanda, Y. 8-95827
- Sasaki, K. see Kodaira, J. 8-58182
- Sasaki, K. see Kyotani, H. 8-70988
- Sasaki, K. see Okada, K. 8-63235
- Sasaki, K. see Sato, T. 8-63239
- Sasaki, K. see Shimbo, M. 8-64714
- Sasaki, K. see Shinohara, T. 8-72441
- Sasaki, M., Sato, H. Conversion of gravitational waves into electromagnetic waves by a moving charge 8-93584
- Sasaki, M., Yoshida, N., Fukuoka, J. Temperature rise due to nonlinear heat generation in semiconductor material 8-87983
- Sasaki, M. see Ito, K. 8-91025
- Sasaki, M. see Kohsaka, M. 8-61278
- Sasaki, M. see Watanabe, K. 8-95210
- Sasaki, N. see Nagao, S. 8-55009
- Sasaki, R. see Drechsler, W. 8-93563
- Sasaki, R. see Hayashi, K. 8-73889
- Sasaki, S. Effects of X-rays on histogenesis of abnormal epidermis and age dependency of radiosensitivity during metamorphosis of the flesh fly, sarcophaga peregrina 8-65084
- Sasaki, S., Kaneko, O., Kawashima, N. Laboratory experiment on the excitation of electron cyclotron harmonic waves observed in the topside RF sounder experiment 8-93042
- Sasaki, S. see Kawashima, N. 8-57424
- Sasaki, S. see Ochi, Y. 8-64624
- Sasaki, S. see Yamori, A. 8-61566
- Sasaki, T., Hosoe, H. Low frequency power losses in soft magnetic materials 8-95466
- Sasaki, T., Williams, R.S., Wong, J.S., Shirley, D.A. Radiation damage studied by X-ray photoelectron spectroscopy. I. Electron irradiated LiNO_3 and Li_2SO_4 8-64444
- Sasaki, T. see Coen, V. 8-68844
- Sasaki, T. see Kim, H. 8-91536
- Sasaki, T. see Morikawa, K. 8-86119
- Sasaki, T. see Norimatsu, T. 8-87469
- Sasaki, T. see Tominaga, S. 8-90047
- Sasaki, T. see Yamanaka, C. 8-50300
- Sasaki, Y. see Kobayashi, A. 8-70606
- Sasamori, T. see Kuo-Nan Liou 8-57319
- Sasanuma, M. see Morioka, Y. 8-70846
- Sasao, H. see Ueda, Y. 8-55768
- Sasao, N. see Alguard, M.J. 8-70376
- Sasao, N. see Prescott, C.Y. 8-89719
- Sase, M. see Zaima, S. 8-92168
- Sasek, L., Meissnerova, H., Kovandova, J. Quantitative evaluation of the effect of chemical composition on the course of the melting process in container and sheet glass manufacture 8-80505
- Sasi, Y., Ishikawa, Y. Changes in the geomagnetic total force intensity associated with the anomalous crustal activity in the eastern part of the Izu Peninsula. I 8-96128
- Sasic, M. Some solutions of the fluid flow equations 8-90817
- Saskai, T., Aso, T. Measurement of 'Q' by the damped oscillation method 8-89492
- Saslaw, W.C., Tyson, J.A., Crane, P. Optical emission in the radio lobes of radio galaxies 8-57630
- Saslow, W.M. see Chia-Ren Hu 8-79841
- Saslow, W.M. see Lumpkin, M.E. 8-79834
- Sasmor, D.J., Pickard, P.S., Holt, J.B. Testing of BeO-UO_2 fuels for the ACPR upgrade 8-86593
- Sasorov, P.V. see Bulanov, S.V. 8-63562, 8-71465, 8-91087
- Sasorov, P.V. see Meerson, B.I. 8-89161
- Sasovskaya, L.I., Knyazev, Yu.V. Optical properties of an Fe-Co alloy 8-75229
- Sasovskaya, L.I., Lifshits, V.A. Optical properties of gold-copper alloys 8-60484
- Sass, D.J. see Greenleaf, J.F. 8-92664
- Sass, J.K., Gerischer, H. Interfacial photoemission 8-95676
- Sass, J.K. see Gerischer, H. 8-80798
- Sassaroli, P. see Chiaradia, P. 8-80036
- Sasse, L. see Lensing, J. 8-85453
- Sassen, K. Air-truth lidar polarization studies of orographic clouds 8-73454
- Sassen, K. Cloud phase discrimination with polarization diversity lidar 8-96269
- Sassenberg, U. see Bollmark, P. 8-70847
- Sasser, M.K., Watson, J.E., Jr. An evaluation of the radon concentration in North Carolina ground water supplies 8-85612
- Sassone, P.G. see Gramling, F.E. 8-73507
- Sastri, C.S. see Ishii, K. 8-76963, 8-76964
- Sastri, J.H. Nature of crochet associated solar microwave bursts 8-69772
- Sastri, J.H., Murthy, B.S. On the onset of equatorial spread-F 8-69562
- Sastri, J. Hanumath see Hanumath Sastri, J.
- Sastri, K.S. see Vajravelu, K. 8-55642
- Sastri, M.V.C. see Krishnamurthy, K.R. 8-56916
- Sastri, M.V.C. see Nagasubramanian, G. 8-95947
- Sastri, R.C. see Gopala Rao, R.V. 8-63663
- Sastri, V.M.K. see Krishnan, K.N. 8-83494
- Sastri, V.M.K. see Mathew, M. 8-73991
- Sastri, V.S., MacKinnon, D.J. Some effects of ultrasonics and their applications in metallic ore processing 8-92214
- Sastry, D.L. see Dumont, G. 8-70682
- Sastry, G.P. Coulomb's law in a moving medium—a review exercise in advanced undergraduate electromagnetism 8-61987
- Sastry, G.P. Teaching mirages 8-69940
- Sastry, G.S. see Narayana, M. 8-60334
- Sastry, G.S. see Sathyanarayan, S.G. 8-60330
- Sastry, G. Sivarama see Sivarama Sastry, G.
- Sastry, S.B.S., Balasubramanyam, K. Studies on tin centres in RbCl crystals 8-76500
- Sastry, S.B.S., Sapru, S. Thermoluminescence of γ -irradiated rubidium chloride doped with europium 8-84670
- Sastry, S.M.L. see Lederich, R.J. 8-64593
- Sastry, T.P. Corrosion of mild steel in a complex aqueous environment 8-76782
- Sastry, V.S.S. see Chandramani, R. 8-50560
- Sastry, V.U.K., Bhadram, C.V.V. Effect of Hall currents on the hydromagnetic flow in an annular channel with a radial magnetic field 8-67276
- Sasunkevich, V.A. see Vygodskaya, N.N. 8-61617
- Sata, T., Hong Lim Lee Vacuum vaporization in the system $\text{MgO-Cr}_2\text{O}_3$ 8-91434
- Sata, T. see Lee, H.L. 8-63848, 8-95149
- Satake, T. see Narusawa, T. 8-49845
- Satarov, V.I. see Nadezhdin, V.S. 8-54765
- Satchler, G.R. Outline of the development of the theory of direct nuclear reactions 8-54734
- Satchler, G.R., Halbert, M.L., Clarke, N.M., Gross, E.E., Fulmer, C.B., Scott, A., Martin, D., Cohler, M.D., Hensley, D.C., Ludemann, C.A., Cramer, J.G., Zisman, M.S., Devries, R.M. Heavy-ion elastic scattering. II. 142 MeV ^{16}O on ^{28}Si , ^{59}Co and ^{60}Ni 8-58295
- Satchler, G.R., Love, W.G. ^6Li scattering: a failure of the double-folded potential model 8-62566
- Saterlie, S. see Johnson, M.L. 8-84677
- Saterlie, S.F. see Johnson, M.L. 8-80606
- Sathe, D.V. On Newton's law of gravitation 8-73839
- Sathianandan, K. see Phadke, S.D. 8-80064
- Sathianandan, K. see Risbud, A.C. 8-70812
- Sathish, S. see Awasthi, O.N. 8-63871
- Sathyamoorthy, M. Vibration of plates considering shear and rotatory inertia 8-63351
- Sathyamoorthy, M. Vibration of skew plates at large amplitudes including shear and rotatory inertia effects 8-90743
- Sathyamoorthy, M. Non-linear vibration of rectangular plates 8-90750
- Sathyamurthy, N. see Polanyi, J.C. 8-92454
- Sathyanarayan, S.G., Narayana, M., Sastry, G.S. ESR investigations of VO^{2+} doped ferroelectric tris sarcosine calcium chloride 8-60330
- Sathyanarayana, D.N. see Geetharani, K. 8-62779
- Sathyanarayana, S., Srinivasan, R. Instantaneous corrosion rates of partially reversible metal/metal ion systems by Faradaic rectification. I. Theory 8-80666
- Sathyanarayana, S. see Srinivasan, R. 8-80667
- Satija, S.K., Wang, C.H. Inelastic light scattering studies of the protonic order-disorder transition in $\text{SnCl}_2 \cdot 2\text{H}_2\text{O}$ 8-68497
- Satija, S.K., Wang, C.H. Studies of molecular reorientation of 1,2-difluorotetrachloroethane in the orientationally disordered state by depolarized Rayleigh scattering 8-88316
- Satir, B.H., Oberg, S.G. Parametric fusion rosettes: possible function as Ca^{2+} gates 8-56958
- Satkiewicz, F.G. see Feldman, C. 8-72034
- Sato, A. see Eto, T. 8-52809
- Sato, A. see Masuda, K. 8-71737
- Sato, A. see Tanaka, Y. 8-52810
- Sato, F. Distance estimates for G35.6-0.0 and G35.6-0.4 8-73769
- Sato, G. Takeshi see Takeshi Sato, G.
- Sato, H. Recent technical trends for temperature sensors 8-65928
- Sato, H. Coulomb displacement energies of the $T=1$, $J=0$ states of $A=42$ nuclei 8-89773
- Sato, H., Gamo, H. Propagation of a quasi-Gaussian pulse in a partially homogeneously broadened gas laser amplifier: effects of a quasi-Gaussian pulse on line-shape parameter analysis 8-55333
- Sato, H., Maeda, K. Instability of a quantum field in the curved space-time of a rotating star 8-69790
- Sato, H., Takagi, S. An experiment on the growth of fluctuation in turbulent boundary layer 8-90859
- Sato, H., Tomita, K., Ikeya, K. Polishing and Foucault test of the receiving telescope mirror for the lunar laser ranging 8-89065
- Sato, H. see Nishijima, K. 8-66065
- Sato, H. see Sasaki, M. 8-93584
- Sato, H. see Sawamura, S. 8-61007
- Sato, H. see Shimogori, K. 8-72927
- Sato, H. see Shinozaki, S.S. 8-80567
- Sato, H. see Sonoda, H. 8-81950
- Sato, H. see Takatsu, H. 8-66371
- Sato, H. see Tamura, N. 8-54641
- Sato, H. see Tsuchiya, A. 8-89079
- Sato, H. see Utsunomiya, T. 8-87012
- Sato, K. Elastic wave propagation in an infinite bar of elliptical cross section 8-67073

- Sato, K.**, Iwabuchi, S., Yamauchi, J., Nagaoka, Y. Theory of the structural phase transitions in TTF-TCNQ. II 8-83942
- Sato, K.**, Nagaoka, Y. Polarization-wave instability in quasi-two-dimensional system of electrons 8-68065
- Sato, K.**, Tawara, Y. Temperature dependence of coercive force and anisotropy of the $\text{Sm}(\text{CoFeCuMn})_2$ permanent magnet 8-68297
- Sato, K.**, Yokoyama, K., Kouchi, H., Okada, M. Etch pit studies of stearic acid single crystal 8-87676
- Sato, K.** see Abe, Y. 8-58167
- Sato, K.** see Honda, K. 8-62398
- Sato, K.** see Kondo, K. 8-60107
- Sato, K.** see Miyama, S. 8-65649
- Sato, K.** see Otsuka, M. 8-55059
- Sato, K.** see Tanaka, I. 8-92570
- Sato, K.N.** see Kogoshi, S. 8-59650
- Sato, M.** The anomalous behaviour of the positive column in an axial magnetic field 8-59704
- Sato, M.** Oxygen fugacity of basaltic magmas and the role of gas-forming elements 8-77218
- Sato, M.** On the ion temperature determination of an inhomogeneous plasma for Doppler profiles 8-79466
- Sato, M.**, Abe, K. Interface magnetization of Fe-SiO multilayer film studied by neutron Bragg reflection 8-56355
- Sato, M.**, Hayashi, K., Niimi, H., Handa, H., Moritake, K., Okumura, A. Mechanical behaviors of arterial walls in the axial direction and their anisotropy 8-53437
- Sato, M.**, Miwa, T., Jimbo, M. Studies on holo-nomic quantum fields. I 8-58129
- Sato, M.** see Akaishi, Y. 8-54692
- Sato, M.** see Kawakami, M. 8-64195
- Sato, M.** see Kobayashi, T. 8-68666
- Sato, M.** see Sugai, H. 8-59586, 8-63570
- Sato, M.** see Tagishi, Y. 8-70523
- Sato, M.** see Takasaka, A. 8-95951
- Sato, M.** see Yamashita, S. 8-66170, 8-66170
- Sato, M.** see Yoshida, S. 8-60755, 8-80646
- Sato, N.** see Lutz, G.J. 8-85273
- Sato, N.** see Mark, E. 8-75299
- Sato, N.** see Saeki, K. 8-75311
- Sato, O.**, Kato, M. Detection technique of radioactive tracer and its application to flow problems 8-96320
- Sato, R.**, Lapwood, E.R. The asymptotic distribution of torsional eigenfrequencies of a spherical shell. I 8-88800
- Sato, R.**, Lapwood, E.R. The asymptotic distribution of torsional eigenfrequencies of a spherical shell. II 8-92797
- Sato, R.** see Lapwood, E.R. 8-92798
- Sato, R.** see Usami, H. 8-80860
- Sato, S.** On the moments of the firing interval of the diffusion approximated model neuron 8-96041
- Sato, S.**, Awaji, H., Akuzawa, H. Fracture toughness of reactor graphite at high temperature 8-68760
- Sato, S.**, Awaji, H., Akuzawa, H. Evaluation of the thermal shock fracture toughness of reactor graphites by arc discharge heating 8-72835
- Sato, S.** see Awaji, H. 8-72840, 8-72946, 8-72947, 8-90788, 8-92432
- Sato, S.** see Oishi, M. 8-81591
- Sato, T.** A theory of quiet auroral arcs 8-57379
- Sato, T.** Nonlinear transport instability in a diffusive plasma 8-59584
- Sato, T.**, Kojima, Y., Takahashi, T. On the formation of Guinier Preston zone and its limit-temperature in Al-Zn alloy 8-84861
- Sato, T.**, Kuroki, K., Tanaka, O. Approaches to the lowest core loss in grain-oriented 3% silicon steel with high permeability 8-91887
- Sato, T.**, Sasaki, K., Nonaka, M. Prototype of bispectral passive imaging systems aiming machine-system diagnosis 8-63239
- Sato, T.**, Suzuki, Y., Kashiwagi, H., Nanjo, M., Kakui, Y. Remote detection of oil pollutants by using a laser radar 8-77373
- Sato, T.**, Takimoto, S., Kosaka, I. Development and application of microprocessor based high performance and low cost data processor for chromatography 8-61131
- Sato, T.**, Wadaka, S., Yamamoto, J., Ishii, J. Imaging system using an intensity triple correlator 8-74846
- Sato, T.** see Adati, K. 8-55007
- Sato, T.** see Azami, T. 8-62262
- Sato, T.** see Dennison, B. 8-53818
- Sato, T.** see Hirata, M. 8-79314
- Sato, T.** see Hiroe, S. 8-59656
- Sato, T.** see Hyuga, H. 8-66222
- Sato, T.** see Iwaki, M. 8-75684
- Sato, T.** see Kakui, Y. 8-92994
- Sato, T.** see Marumo, E. 8-67188
- Sato, T.** see Miura, A. 8-51171, 8-77433
- Sato, T.** see Nishida, T. 8-72751
- Sato, T.** see Okada, K. 8-63235
- Sato, T.** see Prescott, C.Y. 8-89719
- Sato, T.** see Sasaki, K. 8-71250
- Sato, T.** see Takakusa, M. 8-82962
- Sato, T.** see Wadaka, S. 8-63244
- Sato, T.** see Watanabe, N. 8-59629
- Sato, T.** see Watanabe, S. 8-78997
- Sato, T.** see Watari, T. 8-83604
- Sato, Y.**, Ejima, T. Phase diagrams of LiCl-AlCl_3 and NaCl-AlCl_3 binary systems 8-92250
- Sato, Y.**, Fujisaki, H. Formulation of the process of coarticulation in terms of formant frequencies and its application to automatic speech recognition 8-92660
- Sato, Y.**, Takeda, S., Inoue, K. Series coupled power crowbar system [Tokamak devices] 8-55755
- Sato, Y.** see Hanafusa, H. 8-95540
- Sato, Y.** see Moore, J.H. 8-86942
- Sato, Y.** see Wilburn, D.R. 8-85539
- Satoh, K.**, Sugawara, T. NMR relaxation time study of high density ^3He monolayer adsorbed on grafoil 8-75902
- Satoh, K.** see Yatsuzuka, M. 8-91124
- Satoh, M.** see Sunamoto, D. 8-68808
- Satoh, M.** see Tanaka, Y. 8-81509
- Satoh, T.**, Goldfarb, R.B., Patton, C.E. Exchange-anisotropy field in disordered nickel-manganese alloys 8-72365
- Satoh, T.** see Kobayashi, S. 8-65910
- Satoh, T.** see Tsukahara, S. 8-95430
- Satoko, C.** see Adachi, H. 8-90332
- Satomura, Y.**, Kirimoto, T., Matsuhara, M., Kumagai, N. Mode dispersion characteristics in multimode optical fibers with polynomial refractive-index profile 8-74999
- Satou, M.** see Suzuki, T. 8-84543
- Satow, T.**, Uemura, O., Akaiki, S., Tamaki, S. The structure analysis of liquid Sb_2Se_3 by neutron diffraction 8-79519
- Satow, T.** see Uemura, O. 8-72326
- Satpathy, L.**, Nayak, R. On the existence of bound neutral nuclei 8-70475
- Satpathy, L.** see Satpathy, M. 8-74300
- Satpathy, M.**, Sahu, R., Ansari, A., Satpathy, L. An angular momentum expansion of energy and structure of high spin states 8-74300
- Satpathy, R.K.** see Behera, B. 8-58242
- Satsuma, J.** see Yajima, N. 8-51301, 8-59570, 8-81849
- Satta, L.** see Berger, J. 8-70525
- Satta, L.** see Bizard, G. 8-54643
- Sattarov, R.M.** Some cases of unsteady motion of viscoplastic media in an infinitely long viscoelastic tube 8-87366
- Sattinger, D.H.** Selection mechanisms for pattern formation 8-54316
- Sattinger, D.H.** Bifurcation from rotationally invariant states 8-77671
- Sattler, J.P.**, Ritter, K.J. Diode laser spectra of NH_3 in the $9.5\mu\text{m}$ region 8-58688
- Sattler, J.P.** see Worchesky, T.L. 8-55175
- Sattler, M.L.** see Murr, L.E. 8-51836
- Satya, Y.**, Schmidt, G. Scattering of drift waves by parametric interaction 8-79428
- Satya Murthy, N.S.** see Chakravarthy, R. 8-68171
- Satyam, M.** see Rama Rao, P.V.S. 8-69596
- Satyan, V.** see Keshavamurthy, R.N. 8-81319
- Satyanarayana Murty, B.V.** see Varaprasada Rao, S.M. 8-85542
- Satyavathi, A.V.** Thermodynamics of binary electrolyte solutions [using US velocity] 8-73946
- Satz, H.** see de Groot, E.H. 8-89760
- Satz, H.** see Engels, J. 8-78152
- Satz, H.** see Kinoshita, K. 8-66138
- Satz, H.** see Letessier, J. 8-70345
- Satzger, W.**, Ernst, V. A numerical estimate of deviations from the exponential decay law for the transition $2P_{1/2} \rightarrow 1S_{1/2}$ in hydrogen 8-78649
- Sau, J.**, Heyde, K., Waroquier, M. An orthonormalization method: theory and application to the j-j coupling of fermions in a single j-shell 8-50100
- Sau, J.**, Heyde, K., Waroquier, M. An orthonormalization method: theory and application to the j-j coupling of fermions in a single j-shell 8-81922
- Saudargaite, A.** see Ilgunas, V. 8-61028
- Sauder, T.** see Stebe, B. 8-76496
- Saudraix, J.** see Ajinenko, I.V. 8-58206
- Saudraix, J.** see Granet, P. 8-93913
- Sauer, H.J.**, Jr., Gibson, R.K., Chongrun-greong, S. Influence of oil on the nucleate boiling of refrigerants 8-90657
- Sauer, J.**, Jung, Ch., Jaffe, H.H., Singerman, J. Orbital energies in open shell systems 8-78613
- Sauer, J.A.** Static and dynamic properties of monodisperse polystyrenes: influence of molecular weight 8-84938
- Sauer, J.A.**, McMaster, A.D., Morrow, D.R. Fatigue behavior of polystyrene and effect of mean stress 8-52968
- Sauer, J.R.** see Corcoran, M.D. 8-50054
- Sauer, K.** Self-induced resonant absorption of intense electromagnetic waves in inhomogeneous plasmas 8-51306
- Sauer, K.** Nonlinear penetration of strong electromagnetic waves in inhomogeneous over-dense plasmas 8-75355
- Sauer, P.U.** Phase-equivalent nonlocal potentials 8-66224
- Sauer, R.**, Schmid, W., Weber, J. Indium bound exciton luminescence in silicon 8-95607
- Sauerberg, K.** see Brandelik, R. 8-62416
- Sauerbier, W.** see Ali, R. 8-69139
- Sauerwein, R.** see Brueker, H. 8-50038
- Saugier, B.**, Ripley, E.A. Evaluation of the aerodynamic method of determining fluxes over natural grassland 8-73480
- Saukulak, E.J.**, White, J., Yastrzab, J.C. Horizontal epitaxial reactor having multiple elongated-inclined susceptors 8-80475
- Sauli, F.** see Breskin, A. 8-58545
- Sauli, F.** see Charpak, G. 8-62678
- Saulnier, J.B.**, Martinet, J. Some aspects of thermoelectric phenomena 8-95291
- Sauls, J.A.**, Serene, J.W. $^3\text{P}_2$ pairing near the transition temperature in neutron-star matter 8-57571
- Saulys, A.C.** see Etkin, A. 8-89743
- Saunders, G.A.** see Harley, R.T. 8-84807
- Saunders, J.**, Belts, D.S., Brewer, D.F., Swithenby, S.J., Truscott, W.S. Observations on superfluid $^3\text{He-A}$ in small cylinders: Evidence for a textural transition 8-56015
- Saunders, J.R.**, Burr, A.H. The pumping mechanism of the nematode esophagus 8-69121
- Saunders, K.G.** see Brown, A.M. 8-88563
- Saunders, M.J.**, James, P.J. Digital respiratory rate and ventilation recorder 8-81005
- Saunders, M.J.** see Buckler, M.J. 8-90533
- Saunders, W.H.**, Jr. see Kaldor, S.B. 8-56889
- Saunderson, D.H.** see Chowdhury, M.R. 8-56435
- Saunderson, D.H.** see Windsor, C.G. 8-55923
- Saunderson, R.I.**, Wilkes, P., Lorimer, G.W. Coarsening in the Cu-Ni-Cr system 8-84762
- Saupe, A.** see Radley, K. 8-51410, 8-63846
- Saur, E.J.** see Haeussler, E.N. 8-91830
- Saur, J.F.T.** see Dorman, C.E. 8-92830
- Saurel, J.M.** Fourier series analysis of signal given by a maximeter in the monitoring of multielectric thin films 8-83111
- Saussure, G.** de de Saussure, G.
- Saute, M.** see Paldus, J. 8-58595
- Sauter, E.G.** Polarization for the superposition of Jones vectors 8-74839
- Sautereau, H.** see Claudel, B. 8-75653
- Sauthoff, G.** see Neuhauser, H.J. 8-72785
- Sauthoff, N.R.**, Von Goeler, S., Stodiek, W. A study of disruptive instabilities in the PLT Tokamak using X-ray techniques 8-89974
- Sautkin, N.I.**, Tarasova, L.N. Investigation of the distribution of nonmetallic inclusions in continuously cast rimming steel ingots 8-80534
- Sauvage, M.** X-ray topography settings: white beam topography and direct viewing detectors, two-axis spectrometer 8-67619
- Sauvage, M.**, Petroff, J.F. Characterization of defects in quaternary III-V heterojunctions by X-ray techniques 8-95239
- Sauvage, M.** see Goddet, J. 8-82502
- Sauvage, M.** see Petroff, J.F. 8-63771
- Sauvajol, J.L.**, Almairac, R., Benoit, C., Bon, A.M. Absolute first order Raman polarizabilities in MgF_2 , MnF_2 and FeF_2 8-64369
- Sauvajol, J.L.**, Bon, A.M., Benoit, C., Almairac, R. Dielectric properties of crystals with rutile structure: I. Experimental determination of the Raman absolute cross section 8-56471
- Sauvajol, J.L.** see Almairac, R. 8-79684
- Sauvaud, J.A.** see Galperin, Yu.I. 8-88997
- Sauvaud, J.-A.** see Galperin, Yu.I. 8-69610
- Sauvaud, J.-A.** see Grechnev, K.V. 8-53766
- Saux, M.** see Vlasse, M. 8-95030
- Sauzade, M.** see Kan, S. 8-74041
- Savage, A.**, Bolton, J.G., Tritton, K.P., Peterson, B.A. Redshifts for 24 optically selected QSOs 8-54073
- Savage, A.** see Petroff, P.M. 8-72739
- Savage, B.D.**, Wesseliuss, P.R., Swings, J.P., The, P.S. Ultraviolet observations of two hot stars with infrared excesses from circumstellar dust 8-93250
- Savage, B.D.** see Boggess, A. 8-96383
- Savage, B.D.** see Bohlin, R.C. 8-93357
- Savage, B.D.** see Grewing, M. 8-96524
- Savage, C.M.** see Niki, H. 8-53194, 8-85136
- Savage, H.F.** see Loewenstein, M. 8-73438
- Savage, H.T.**, Abbundi, R. Perpendicular susceptibility, magnetomechanical coupling and shear modulus in $\text{Tb}_{0.27}\text{Dy}_{0.73}\text{Fe}_2$ 8-91918
- Savage, H.T.**, Abbundi, R., Clark, A.E., Cul-len, J.R., Rinaldi, S. Low frequency magnetoelastic effects in $\text{Tb}_{0.27}\text{Dy}_{0.73}\text{Fe}_2$ 8-68348
- Savage, H.T.**, Clark, A.E. Magnetomechanical coupling in rare-earth-iron alloys 8-84472
- Savage, H.T.** see Sery, R.S. 8-64215
- Savage, J.C.**, Prescott, W.H. Asthenosphere readjustment and the earthquake cycle 8-85490

- Savage, J.C., Prescott, W.H. Geodolite measurements near the Briones Hills, California, earthquake swarm of January 8, 1977 8-92803
- Savage, M.G. see Peyton, B.J. 8-57369
- Savage, R.J., Hewlett, P.C. A new NDT method for structural integrity assessment 8-56847
- Savage, R.N., Hieftje, G.M. Enhancement of pneumatic nebulization efficiency through application of an electric field 8-95966
- Savage, R.O., Jr. see Tauber, A. 8-64469
- Savage, S.B. Some studies of the flow of cohesionless granular materials 8-90810
- Savage, W.R. see Beeken, R.B. 8-51943
- Savage, Wm.R. see Beeken, R.B. 8-68179
- Savage, W.Z. The development of residual stress in cooling rock bodies 8-88819
- Savard, J.-Y. see Busca, G. 8-58972
- Savastenko, V.A., Sheleg, A.U. Study of the elastic properties of gallium nitride 8-87734
- Savchenko, A.N. see Butenko, L.P. 8-82537
- Savchenko, A.V., Sairkunov, P.N., Smirnov, V.V. Emission of ions as a result of laser heating of electrolyte drops 8-59063
- Savchenko, M.A., Khabakpashev, M.A. Exchange enhancement of the magnetoelectric coupling in ferroelectric antiferromagnets 8-88159
- Savchenko, M.A., Sobolev, V.P. Interaction of moving dislocations with spin waves antiferromagnetics 8-56303
- Savchenko, M.A., Stefanovich, A.V. Phase transformations in antiferromagnets in strong magnetic fields 8-68227
- Savchenko, M.A., Stefanovich, A.V. On phase transitions in complex magnetic structures 8-72361
- Savchenko, M.A. see Aleksandrov, V.V. 8-94401
- Savchenko, M.A. see Preobrazhenskii, V.L. 8-80187
- Savchenko, T.A. see Martynenko, Yu.G. 8-51054
- Savchenko, V.A. see Binkevich, E.V. 8-51084
- Savchenko, V.G. see Piskun, V.V. 8-83342
- Savchenko, V.I. see Mylnikov, A.V. 8-60920
- Savchenkov, V.D. see Leitman, M.B. 8-74028
- Savcent, J.M. see Lexa, D. 8-85286
- Savel'ev, A.A., Vishnyakov, B.A., Sulimin, A.D., Lebedev, V.V. Action of plasma on SiO₂, Al films and Si substrates 8-95818
- Savel'ev, A.M. see Finkel', V.M. 8-56697
- Savel'ev, G.I. see Gordeev, V.A. 8-52416
- Savel'ev, I.I. see Nazarenev, M.M. 8-50827
- Savel'ev, M.V. see Leznev, A.N. 8-69963
- Savel'ev, V.N. see Devishev, M.I. 8-57063
- Savelev, V.V. see Kostin, A.K. 8-63988
- Savel'ev, Yu.V. Investigation of systems of differential equations near stability boundaries 8-87331
- Savel'ev, Yu.V. see Lavrinovich, N.N. 8-88386
- Savel'eva, A.V. see Sagaradze, V.V. 8-85048
- Savel'eva, S.N. see Kirichenko, O.V. 8-52104
- Savellev, M.V. see Leznov, A.N. 8-62309
- Savelli, C., Morando, M. CARLA: a code to calculate the population of high spin states through compound nucleus reactions 8-89843
- Savelli, C. see Brandolini, F. 8-52389
- Savelli, M. see Manifacier, J.C. 8-64107
- Savel'yev, M.A. see Tulinov, V.F. 8-69575
- Savel'yev, R.Z. see Budrov, Yu.M. 8-51044
- Savel'yev, S.M. see Kozlov, S.I. 8-69569, 8-73566
- Savenko, A.A. see Sinitskiy, V.B. 8-96280
- Savenko, I.A. see Basina, Yu.V. 8-93063
- Savenko, I.A. see Kovrizhnykh, O.M. 8-69768
- Savenko, I.A. see Vakulov, P.V. 8-69624
- Savenko, I.A. see Zel'dovich, M.A. 8-69769
- Savenko, V.T., L'vov, V.N., Kochanova, L.A., Shchukin, E.D. Special features of friction accompanying transition from plastic to brittle contact 8-53000
- Saverbrey, U. see Schwindk, P. 8-81068
- Savic, P. see Kekez, M.M. 8-69436, 8-87586
- Savic, P. see Vijay, M.M. 8-91001
- Savichev, A.T. see Alexandrov, A.F. 8-71589
- Savikhina, T.I. see Lushchik, Ch.V. 8-72575
- Savikovskii, L.A. see Mel'nikov, I.V. 8-95892
- Savill, N.G. see Brown, I.G. 8-75819
- Saville, B.P. see Dobb, M.G. 8-55819, 8-75564
- Savilonis, B.J., Francis, G.G. Comparison of diastolic ventricular mechanics for rigid leaflet and caged-ball prosthetic valves 8-81079
- Savilov, A.A. see Zakharchenko, V.M. 8-63471
- Savin, A.P., Pozdnyakova, R.A. Regularity of the anomalous effects in inductive dipole sounding in regions with low-ohmic overburden 8-81106
- Savin, A.P. see Frantov, G.S. 8-78858
- Savin, E.P. see Konorova, L.F. 8-56145
- Savin, I.A. see Gentchev, V.I. 8-78174
- Savin, M.M. see Chernov, V.M. 8-63786
- Savin, M.V., Donskoi, E.N., Paramonova, I.N., Roslov, V.I., Sadovoi, A.A. Monte Carlo calculation of sensitivity function for nonhydrogenous liquid γ -ray detector 8-78572
- Savin, O.R. see Kuzema, A.S. 8-78895
- Savin, V.I. see Petrunin, V.F. 8-92244
- Savin, V.V. see Minaichev, V.E. 8-60576
- Savin, W. see Baker, F.T. 8-70550
- Savina, O.N. see Grigor'ev, G.I. 8-85620
- Savinkov, A.I., Denisenko, O.N., Anurova, E.N. Stress measurement in glasses strengthened by ion exchange 8-88549
- Savinkov, R.A. see Fredlander, I.N. 8-80674
- Savino, E.J. see Fainstein-Pedraza, D. 8-51595
- Savino, E.J. see Laciana, C.E. 8-71726
- Savinov, G.A. see Baru, S.E. 8-62282, 8-62284
- Savinov, S.Y. see Ochkin, V.N. 8-71575
- Savinov, S.Yu. see Ochkin, V.N. 8-86796
- Savinov, V.P. see Kuzovnikov, A.A. 8-67545
- Savit, C.H. Geophysical DP requirements could exceed the world's GP capacity by 1985 8-96325
- Savit, R. Vortices and the low temperature structure of the x-y model 8-49777
- Savit, R. see Einhorn, M.B. 8-70275, 8-82136
- Savithramma, K.L., Madhusudana, N.V. Equivalence of the Krieger-James approximation and the constant-coupling approximation in magnetism 8-56276
- Savitskaya, V.B. see Milyutin, Ye.R. 8-78914
- Savitskii, A.J. see Vengrinovich, V.L. 8-86309
- Savitskii, A.J., Korovskii, Sh.Ya., Prosvirin, V.I. Investigation of oxalate decomposition processes in polymeric medium in connection with the preparation of metal-containing polymers with highly disperse fillers. I. Study of oxalate decomposition kinetics in a polymeric medium by thermogravimetry and differential thermal analysis 8-52749
- Savitskii, A.V., Levin, B.Ya., Petrov, V.A. A kinetic approach to the problem of the strength scale factor 8-79665
- Savitskii, A.V. see Ivanchuk, R.D. 8-56289
- Savitskii, B.A. see Palatnik, L.S. 8-59815
- Savitskii, E.M., Burov, I.V., Kapustin, V.I. Automatic instrument for recording secondary-electron emission coefficient of metallic materials 8-58094
- Savitskii, E.M., Efimov, Yu.V., Frolova, T.M. Ultrafast quenching of the compound V₃Sn. [Effect on superconducting T.] 8-64162
- Savitskii, E.M., Efimov, Yu.V., Markiv, V.Ya., Gavrilenko, I.S., Zvolinskii, O.I., Frolova, T.M. The V-Ga-Sc system 8-56618
- Savitskii, E.M., Efimov, Yu.V., Markiv, V.Ya., Storozhenko, A.I., Zvolinskii, O.I. The Nb-Ga-Cu system 8-56617
- Savitskii, E.M. see Volkenshtein, N.V. 8-80138
- Savitskii, E.M. see Zaichenko, V.M. 8-91455
- Savitskii, G.A. see Nemashkalo, A.A. 8-58264, 8-78349
- Savitskii, V.G., Sokolovskii, B.S., Stodilka, M.I., Furman, V.V. Magnetoconcentration effect in variband structures 8-60143
- Savitskii, V.G. see Volzhenskii, D.S. 8-60175
- Savitsky, E.M., Burkhanov, G.S. Growth of single crystals of high melting metal alloys and compounds by plasma heating 8-60569
- Savitsky, E.M., Ivanova, N., Rewjakin, A.V., Jefimov, J.V. The formation of non-metallic inclusions in high melting point metals quenched from the liquid state 8-95766
- Savitsky, M.M. see Asratyan, A.E. 8-62389
- Savkar, S.D. A note on the phase relationships involved in the whirling instability in tube arrays 8-51175
- Savkin, V.Ya. see Dimov, G.I. 8-79460
- Savkina, L.Ya. see Fel'dgandler, E.G. 8-84867
- Savlina, N.I. see Asnin, V.M. 8-64070
- Savo, B. see Costabile, G. 8-68115
- Savodchenko, V.S. 'Peeling' of a relativistic beam entering a magnetic field 8-66741
- Savoia, A. see Cole, M.W. 8-87833
- Savoiskii, V.N. see Beseda, V.A. 8-86283
- Savol, A.M. see Li, C.C. 8-73242
- Savolainen, I., Vuori, S. Assessment of risks of accidents and normal operation at nuclear power plants 8-50281
- Savorovskii, N.S. see Khrebtishchev, V.F. 8-72962
- Savorovskii, N.S. see Tropnikov, G.S. 8-92430
- Savostin, P.I. see Vyskub, V.G. 8-87145
- Savostina, V.M. see Lobanov, F.I. 8-61102
- Savost'yanenko, N.A., Vasil'ev, V.P. Obtaining three-dimensional holographic images by means of reflective and lenticular screens using the reversal method 8-90403
- Savost'yanova, N.A. see Fialkov, A.S. 8-68715
- Savoy, R.L. Low spatial frequencies and low number of cycles at low luminances 8-65021
- Savoy, R.L. see McCann, J.J. 8-69075
- Savoy-Navarro, A. see Hansl, T. 8-74244, 8-89698, 8-89860
- Savoy-Navarro, A. see Holder, M. 8-55103
- Savrin, V.I. see Arkhipov, A.A. 8-54661
- Savruk, M.P. A system of arbitrarily oriented cracks in an elastic strip 8-63378
- Savruk, M.P., Soltys, I.F. Temperature distribution in a planar body with circular boundary and thermally insulated cracks 8-67002
- Savulescu, St.N. A stochastic model of fluctuations in boundary layer flows 8-90818
- Savulescu, St.N. see Dumitrescu, H. 8-67189
- Savun, O.I. Long-lasting changes of the maximum radiation dose in the Earth's radiation belts 8-69612
- Savushkin, A.F. see Birman, A.Ya. 8-50824, 8-80825
- Savushkin, L.N., Fomenko, V.N. One-boson-exchange potentials and spin-orbit splitting of single-particle levels in nuclei 8-78243
- Savutskii, A.I. see Voloshin, V.A. 8-52541
- Savvides, N., Murray, W. Apparatus for the measurement of thermal diffusivity featuring a low-frequency sine-wave generator and a digital phase meter 8-94580
- Savvidy, G.K. see Matinyan, S.G. 8-49994
- Savrov, R.V. see Gus'kov, Yu.K. 8-90306
- Sawa, G., Nakamura, S., Nishio, Y., Ieda, M. Thermally stimulated currents from non-treated poly(ethylene terephthalate) films 8-88249
- Sawa, G. see Nagao, M. 8-84522
- Sawa, M. see Tachikawa, J. 8-58396
- Sawa, T. Neutral hydrogen in the Galaxy and the galactic shocks 8-54042
- Sawa, T. The effects of the self-gravity of the interstellar gas on galactic shock waves 8-73761
- Sawa, T. see Yamamura, T. 8-65129
- Sawada, A., Ishibashi, Y., Takagi, Y. The origin of the optical activity of dicalcium strontium propionate Ca₂Sr(C₂H₃CO₂)₆ 8-76420
- Sawada, A. see Ishibashi, Y. 8-76442
- Sawada, A. see Terauchi, H. 8-56433
- Sawada, K., Osawa, T. On exactly soluble nonlinear ordinary differential equations of the Lienard type 8-57740
- Sawada, S. Masses of new mesons and effects of the fifth flavour 8-66098
- Sawada, S., Hirotsu, S., Suzuki, T., Takashige, M., Shiroishi, Y. Birefringence and optical rotatory power near structural phase transition points 8-75823
- Sawada, S., Shiroishi, Y., Yamamoto, A., Takashige, M., Matsuo, M. Ferroelectricity in [N(CH₃)₄]₂CoCl₄ 8-76408
- Sawada, S. see Mitsui, T. 8-76398
- Sawada, S. see Takashige, M. 8-84528
- Sawada, T. see Sakakawa, T. 8-54691, 8-82325
- Sawada, T. see Ueda, T. 8-62486
- Sawada, Y. see Kishimoto, H. 8-62662
- Sawada, Y. see Kitabatake, S. 8-75896
- Sawada, Y. see Matsuda, S. 8-85041
- Sawada, Y. see Shimada, R. 8-50386
- Sawada, Y. see Sugimoto, K. 8-85057
- Sawahata, Y. see Morohashi, S. 8-95709
- Sawai, A. see Takahashi, T. 8-79802
- Sawai, S., Mochizuki, K., Taketani, K. Advanced reactor development in Japan 8-86663
- Sawai, T. see Shimokawa, T. 8-56904
- Sawaki, Y. see Kawasaki, T. 8-68823
- Sawamura, S., Sato, H., Tanaka, Y. Anionic polymerization of allyl and vinyl methacrylates and radical reactivity of the polymers 8-61007
- Sawan, M.E. see Nagy, M.E. 8-50229
- Sawan, N.E. Analysis of spray cooling of hollow rod cladding following a loss-of-coolant accident (LOCA) 8-50262
- Sawaoka, A. see Akashi, T. 8-80542
- Sawaoka, A. see Kondo, K. 8-49805
- Sawatari, T., Mueller, R.K. Surface flaw detection using optical filters 8-53163
- Sawatzky, G.A. see Antonides, E. 8-91631
- Sawatzky, G.A. see Stoppels, D. 8-88183
- Sawaya, S. see Masumoto, H. 8-52875, 8-72800, 8-76684
- Sawchuk, A.A. see Naderi, F. 8-54479, 8-94370
- Sawdy, R., Sefcik, J.A., Kazimi, M.S. Reliability requirements for admissible radiological hazards from fusion reactors 8-58447
- Sawicka, B.D., Drwiega, M., Sawicki, J., Stanek, J. Hyperfine interactions of iron implanted into aluminum 8-52391
- Sawicka, B.D. see Sawicki, J.A. 8-52408
- Sawicki, E. see Mulik, J.D. 8-68974
- Sawicki, J. see Sawicka, B.D. 8-52391
- Sawicki, J.A. Cryogenic helium counter of particles 8-70693
- Sawicki, J.A., Sawicka, B.D. Correlation of ⁵⁷Fe isomer shift, quadrupole coupling, and interatomic distance in group-IV elements 8-52408
- Sawistowski, H. see Toner, M.C. 8-94377
- Sawley, M.L. The nonlinear behaviour of axisymmetric hydromagnetic waves in a partially ionized plasma 8-59573
- Sawley, M.L. see Brennan, M.H. 8-59574
- Sawodny, W. see Turowski, A. 8-74659
- Sawyer, F.W., III Bifilar gnomonics 8-93119
- Sawyer, J.F. Structural studies of secondary and multi-centre bonding in compounds of the non-metals 8-63751
- Sawyer, L.H., George, W. Tactoidal precursors of fibrous morphologies 8-80508
- Sawyer, N.J. see Frankland, H.G. 8-57427
- Sawyers, K.N., Rivlin, R.S. On the speed of propagation of waves in a deformed elastic material 8-54201

- Saxena, A., Hudak, S.J., Jr., Donald, J.K., Schmidt, D.W. Computer-controlled decreasing stress intensity technique for low rate fatigue crack growth testing 8-72949
- Saxena, A. *see* Narain, N.K. 8-78833
- Saxena, K.N. Binding in purely ionic univalent crystals 8-59777
- Saxena, L.S., Fejer, A.A., Morkovin, M.V. Features of unsteady flows over airfoils 8-75164
- Saxena, M., Gupta, R.C. Dielectric absorption of microwaves in dilute solutions of polar molecules in nonpolar solvents. VIII. Some aminopyridines in 1,4-dioxane 8-64319
- Saxena, M.C. *see* Mathur, A. 8-80744
- Saxena, M.C. *see* Misra, C.K. 8-52421
- Saxena, M.C. *see* Pant, D.C. 8-75522
- Saxena, N.S., Lodha, N., Bhandari, R.C. Generalized transport coefficients in carbon tetrachloride 8-87803
- Saxena, R. *see* Agarwal, G.S. 8-78660
- Saxena, R.P. *see* Bhargava, S.C. 8-71277
- Saxena, R.P., Bragg, R.H. Electrical conduction in glassy carbon 8-60141
- Saxena, S.C., Srivastava, R., Mukhopadhyay, P. An electronic model of neuron 8-85301
- Saxena, S.C. *see* Rehmat, A. 8-92503
- Saxena, V.K. Constant coupling approximation for the Curie temperature of ferromagnets with random anisotropy 8-76264
- Saxena, V.K., Kishore, R. Disorder induced behaviour of magnetisation at low temperatures 8-52234
- Saxena, V.P. Application of similarity transformation to unsteady state heat migration problems in human skin and subcutaneous tissues 8-95990
- Saxon, D.H. *see* Baker, R.D. 8-70404, 8-89733
- Saxon, D.H. *see* Gay, M. 8-70405
- Saxon, R.P. *see* Abouaf, R. 8-55207
- Saxton, J.A. Collaboration between URSI and CCIR in the study of tropospheric radio wave propagation problems 8-57322
- Saxton, J.A. The scientific background to CCIR studies of radio wave propagation 8-77311
- Sayama, H. *see* Ozoe, H. 8-94708
- Sayapin, N.P. *see* Turkin, A.D. 8-50286
- Sayari, A., Billiet, Y., Zarrouk, H. Complete list of subgroups and changes of standard setting of two-dimensional space groups 8-75610
- Sayari, A. *see* Billiet, Y. 8-55823, 8-91289
- Sayed, A.M. *see* Ibrahim, E.M.H. 8-55045
- Sayer, B., Ferray, M., Visticot, J.P., Lozingot, J. Banks associated with $Cs(6^2S_{1/2})$ - $Cs(7^2S_{1/2})$ and $5^2D_{5/2}$ transitions perturbed by helium 8-66486
- Sayer, M. *see* Mansingh, A. 8-60238
- Sayer, R.O., Eichler, E., Singhal, N.C., Sturm, R., Johnson, N.R., Guidry, M.W. Recoil-distance measurement of lifetimes of rotational states in ^{164}Dy 8-66242
- Sayer, R.O. *see* Moak, C.D. 8-55066
- Sayer, R.O. *see* Peng, Y.-K.M. 8-51333
- Sayers, J.A. *see* Dyer, P.E. 8-55733
- Sayers, M.J., McFeely, F.R. Interpretation of angle-resolved X-ray photoemission spectra 8-72696
- Sayet, F. *see* Dumas, J. 8-68268
- Sayle, W.E., II *see* Feeney, R.K. 8-82849
- Sayles, R.S. *see* Thomas, T.R. 8-95106
- Saylor, D.P. *see* Arenhovel, H. 8-82210
- Saylor, T.K. *see* Gardner, R.K. 8-66493
- Saylor, W.L. *see* Kowalsky, R.J. 8-85377
- Saynakangas, S. *see* Tiitto, S. 8-85059
- Sazhin, A.I. Analytical sets of periodic solutions of quasi-Liouville systems: one-parameter case 8-73833
- Sazhin, M.V. Registration of gravitational waves by compact electromagnetic systems 8-49747
- Sazhin, S.S. A model of quasiperiodic VLF emissions 8-61682
- Sazhin, S.S. *see* Ponyavin, D.L. 8-69615
- Sazhin, V.V. *see* Burd, M.B. 8-53116
- Sazhina, S.A. *see* Gerastchenko, O.A. 8-94505
- Sazonov, E.K. *see* Smolyanitskaya, Ya.A. 8-80585
- Sazonov, M.I. *see* Zhukov, M.F. 8-71555, 8-71597
- Sazonov, V.N. Derivation and investigation of an averaged quantum equation of motion for a nonlinear oscillator in the field of an harmonic force 8-54232
- Sazonov, V.N. *see* Gorchakov, V.I. 8-50743
- Sazonova, T.N. *see* Arkovenko, G.I. 8-52864
- Sazykin, A.A. *see* Khmelev, A.V. 8-61052
- Sberveglieri, G. *see* Romeo, N. 8-71200, 8-76172
- Sbitnikova, I.S. *see* Berzhetskii, M.S. 8-59547
- Sbotinob, L. *see* Katona, T. 8-82434
- Sbrana, G. *see* Angeloni, L. 8-60444
- Scaccianoe, F. *see* Campisano, S.U. 8-84105
- Scacciatielli, E. *see* Benfatto, G. 8-49952
- Scaddan, R.J. *see* Morgan, B.L. 8-65656
- Scafe, R. *see* Antonini, D. 8-58283
- Scaief, A.L., Wood, S.A. Static fracture resistance of Schott S-1005 lenses as a function of thickness 8-81063
- Scaife, B.K.P. *see* Coelho, R. 8-78872
- Scaife, D.B. Atomic orbital contours—a new approach to an old problem 8-93500
- Scala, C.M. *see* Doyle, A.P. 8-95903
- Scalapino, D.J. *see* Chang, J.-J. 8-52146
- Scalapino, D.J. *see* Hone, D. 8-80066
- Scales, B.G.F. Results of the Herstmonceux parallax programme. II 8-77498
- Scalf, W. *see* Feinn, D. 8-80792
- Scalise, E., Jr., Lepine, J.R.D. Detection of a new transition in SiO in OH/IR stars 8-53954
- Scalise, S.J. *see* Barnes, N.P. 8-66857
- Scaltriti, F., Zappala, V. Photoelectric photometry of asteroids 37, 80, 97, 216, 270, 313, and 471 8-61783
- Scaltriti, F., Zappala, V., Stanzel, R. Lightcurves, phase function and pole of the asteroid 22 Kalliope 8-53857
- Scanio, J.J. *see* Bartels, J. 8-78110
- Scannell, E.H., Jr., Carter, G.C. Confidence bounds for magnitude-squared coherence estimates 8-66979
- Scaramuzzi, F. *see* Cole, M.W. 8-87833
- Scarascia, S. *see* Morelli, C. 8-65209
- Scarborough, E.C. *see* Mott, D.L. 8-49606
- Scarf, F.L., Fredricks, R.W., Gurnett, D.A., Smith, E.J. The ISEE-C plasma wave investigation 8-85794
- Scarf, F.L. *see* Coroniti, F.V. 8-77436
- Scarf, F.L. *see* Greenstadt, E.W. 8-81506
- Scarf, F.L. *see* Gurnett, D.A. 8-85802
- Scarfe, C.D., Fekel, F.C. Radial-velocity observations of 20 Persei 8-73736
- Scargill, D. Diffusion of fission product tritium in irradiated UO_2 8-67866
- Scargle, J.D., Erickson, E.F., Witteborn, F.C., Strecker, D.W. Infrared excesses in early-type stars: gamma Cassiopeiae 8-93257
- Scargle, J.D. *see* Weymann, R.J. 8-54070
- Scarinci, F. *see* Antonini, B. 8-95595
- Scarlun, R.B. Effects of loading frequency and environment on high temperature fatigue crack growth in nickel-base alloys 8-64675
- Scarpa, G. *see* Vulpis, N. 8-69145
- Scarparo, M.A.F., Lemos, V., Katiyar, R.S., Ceideira, F. Lattice dynamics of paratellurite under uniaxial stress 8-79700
- Scarpetta, G. *see* Caianiello, E.R. 8-49759
- Scarr, J.M., Chen, C.K., Knowles, J., Martin, D., Skillicorn, I.O., Smith, K., Joos, P., Ladage, A., Meyer, H., Wolf, G., Drews, G., Knobloch, J., Nagel, H., Rabe, E., Schlatter, W.-D., Spitzer, H., Wacker, K. Hadron production by virtual photons in the quark fragmentation region 8-54634
- Scarr, J.M. *see* Baubillier, M. 8-93877
- Scarsi, L. *see* Buccheri, R. 8-73729, 8-81646
- Scarsi, L. *see* Massaro, E. 8-73775
- Scarsi, L. *see* Swanenburg, B.N. 8-93454
- Scattaglia, F. *see* Gratton, L.M. 8-68942
- Scavia, D. *see* Kohberger, R.C. 8-81453
- Scavuzzo, R.J., Iam, P. Decoupling of undamped vibration systems 8-57774
- Seckin, K.I. *see* Mamikonjan, S.V. 8-49947
- Scerbakov, E.N. *see* Zaitsev, Yu.V. 8-76767
- Schaack, G. *see* Ahrens, K. 8-68518
- Schaack, G. *see* Graf, L. 8-72530
- Schaaf, A. *see* Hoffert, M. 8-73353
- Schaa, G., Blank, B. Measurements of mercury vapour pressure in indium amalgam systems 8-67488
- Schaa, J.C. *see* O'Halloran, R.J. 8-92544
- Schaber, A. *see* Obermeier, E. 8-94731
- Schaber, H., Doezenia, R.E. A circular polarizer for reflection in the far-infrared 8-79114
- Schaber, H., Doezenia, R.E., Koch, J.F., Lopez-Otero, A. Magnetoreflexance of surface space charge layers on PbTe 8-52475
- Schaber, H., Doezenia, R.E., Koch, J.F., Lopez-Otero, A. Magnetoreflexance of surface-space-charge layers on PbTe 8-64349
- Schaber, H. *see* Martin, T.P. 8-66545
- Schabes-Retchkiman, P.S., Venables, J.A. Measurement of THEED intensity from adsorbed xenon monolayers 8-84075
- Schacher, G. *see* Davidson, K.L. 8-85677
- Schacher, G.E., Fairall, C.W. Producing small scale temperature fluctuations in an airstream 8-94686
- Schacher, J. *see* Viertel, G. 8-58177
- Schachinger, L. *see* Bunce, G. 8-93878
- Schachinger, L. *see* Edwards, R.T. 8-82393
- Schachinger, L. *see* Heller, K. 8-82253
- Schade, E. *see* Eliasson, B. 8-67567
- Schade, G.W., Leighly, H.P., Jr., Edwards, D.R. Computer simulation of radiation effects in an ordered binary alloy 8-87709
- Schadee, A. On the Zeeman effect in electronic transitions of diatomic molecules 8-58740
- Schadee, R.A., Schmidt, J., Van Der Waals, J.H. Spin coherence and quantum beats in the phosphorescence of a photo-excited triplet state 8-76517
- Schadel, M., Kratz, J.V., Ahrens, H., Bruchle, W., Franz, G., Gaggeler, H., Warnecke, I., Wirth, G., Herrmann, G., Trautmann, N., Weis, M. Isotope distributions in the reaction of ^{238}U with ^{238}U 8-78408
- Schader, J., Kilb, B., Sevier, K.D., Groeneveld, K.O. Electron ejection from beam-tilted-foil experiments 8-62889
- Schader, J., Szabo, G., Groeneveld, K.O. Large M0 K X-ray anisotropy from a very light collision system 8-55254
- Schadt, W. *see* Battist, L. 8-94152
- Schaefer, H.F., III *see* Brooks, B.R. 8-70752
- Schaefer, H.F., III *see* Conrad, M.P. 8-81672
- Schaefer, H.F., III *see* Dykstra, C.E. 8-66532
- Schaefer, H.F., III *see* Hood, D.M. 8-58594
- Schaefer, H.F., III *see* Lucchese, R.R. 8-55126, 8-70755
- Schaefer, H.F., III *see* Trenary, M. 8-66465
- Schaefer, H.F., III *see* Wetmore, R.W. 8-94184
- Schaefer, H.G. *see* Ting, C.Y. 8-75959
- Schaefer, R. *see* Cullinan, W.L. 8-69108
- Schaefer, R.J. Reply to comment of R. Trivedi on 'The validity of steady-state dendrite growth models' 8-91576
- Schaeffer, B. Fracture criterion for solid propellants 8-75106
- Schaeffer, G.A. *see* Forman, M.A. 8-57529
- Schaeffer, M. *see* Degre, A. 8-94019
- Schaeffer, M. *see* Erriquez, O. 8-82195
- Schaeffer, O.A. *see* Forman, M.A. 8-57529
- Schaeffer, R. *see* Orland, H. 8-62477
- Schaf, J. *see* Campbell, C.C.M. 8-60363
- Schafer, A., Menzel, G. The structural and electrical properties of metglas and amorphous metal films 8-84323
- Schafer, D. *see* Zierold, K. 8-57143
- Schafer, F.P., Bor, Z., Luttkie, W., Liphardt, B. Bifluorophoric laser dyes with intramolecular energy transfer 8-74899
- Schafer, F.P. *see* Kopainsky, B. 8-74900
- Schafer, G. On the time-asymptotic particle interpretation in the Friedman-de Sitter space 8-81720
- Schafer, G. *see* Audretsch, J. 8-54271, 8-73785, 8-73869, 8-81721
- Schafer, G. *see* Eichler, J. 8-69177
- Schafer, G. *see* Ingels, J. 8-77370
- Schafer, H. *see* Dorrscheidt, W. 8-51470
- Schafer, K. Dynamoelectric field-aligned currents in the plasmasphere 8-81499
- Schafer, L. *see* Sellers, H.L. 8-86963
- Schafer, L. *see* Witten, T.A., Jr. 8-83715
- Schafer, P. *see* Albers, C. 8-64151
- Schafer, P. *see* Galeskii, F. 8-80409
- Schafer, R., Beck, H., Thomas, H. The behavior of an isolated impurity near a phase transition in a spherical-like model 8-71821
- Schafer, R. *see* Hock, K.-H. 8-83904
- Schaffer, J.J. *see* Noll, W. 8-57753
- Schaffer, M.J. *see* Burrell, K. 8-59668
- Schaffer, R. *see* Layly, V. 8-66293
- Schaffer, W.J., Bene, R.W., Walser, R.M. Structural studies of thin nickel films on silicon surfaces 8-91562
- Schaffit, H.A. (editor) Proceedings of a Workshop on Reliability Technology for Cardiac Pacemakers. II (papers in summary form only received) 8-57129
- Schagina, L.V., Grinfeldt, A.E., Lev, A.A. Interaction of cation fluxes in gramicidin A channels in lipid bilayer membranes 8-56957
- Schaible, P.M., Metzger, W.C., Anderson, J.P. Reactive ion etching of aluminium and aluminium alloys in an RF plasma containing halogen species 8-72923
- Schaich, W.L. Microscopic models of desorption spectra 8-71946
- Schaik, F.J. *see* van Schaik, F.J.
- Schaik, F.J. *see* van Schaik, F.J.
- Schaik, N. *see* van Schaik, N.
- Schaldach, M. *see* Nagel, J. 8-85418, 8-92712
- Schales, F. Brief history of ^{224}Ra usage in radiotherapy and radiobiology 8-96085
- Schalk, T. *see* Bunnell, K. 8-74258
- Schalk, T. *see* del Papa, C. 8-74264
- Schall, M. *see* Rosler, R. 8-69281
- Schaller, E. *see* Kraus, H. 8-61483
- Schaller, H.J. The influence of the position of the Fermi level on the mixing behaviour of palladium-aluminium alloys 8-75835
- Schaller, H.-J., Brodowsky, H. Thermodynamic properties of palladium/tin alloys 8-52769
- Schaller, L.A., Dubler, T., Kaeser, K., Rinker, G.A., Jr., Robert-Tissot, B., Schellenberg, L., Schneuwly, H. Nuclear charge radii from muonic X-ray transitions in F, Na, Al, Si, P, S and K 8-66195
- Schaller, L.A. *see* Schneuwly, H. 8-58874
- Schaller, L.A. *see* Wohlfahrt, H.D. 8-54679
- Schamberger, R.D., Jr., Lee-Franzini, J., McCarthy, R., Childress, S., Franzini, P. Mass spectrum of proton-proton inelastic interactions from 55 to 400 GeV/c at small momentum transfer 8-58215
- Schamberger, R.D., Jr. *see* Lee-Franzini, J. 8-70513
- Schamel, H., Elsasser, K. The dynamics of cavitons induced by the soliton flash 8-91104
- Schamps, J. *see* Appelblad, O. 8-82747
- Schamps, J. *see* Pouilly, B. 8-74570, 8-74674
- Schanda, E. Remote sensing of the environment 8-77364
- Schanda, E. *see* Hofer, R. 8-57235

- Schanda, J.** Correlated colour temperature and the ΔE_{ab}^* colour-difference formula 8-54424
- Schanda, J.** About the problems of correlated colour temperature 8-93749
- Schantz, C.A., Johnson, D.L.** Specific heat of the nematic, smectic-A and smectic-C phases of 4-n-pentylphenylthiol-4'-n-octyloxybenzoate: critical behaviour 8-67816
- Schanz, G.W.** Telemetry opens new dimensions 8-93073
- Schapery, R.A.** A method for predicting crack growth in nonhomogeneous viscoelastic media 8-75098
- Schapink, F.W.** *see* Erlings, J.G. 8-51556
- Schapira, J.P., Maison, J.M., Rao, M.N., Fortier, S., Gales, S., Laurent, H.** γ decay and splitting of the first analog state in ^{55}Mn , ^{55}Co , and ^{59}Cu 8-70505
- Schapiro, S.M.** *see* Sethna, P.R. 8-63276
- Scharbach, H.** *see* Engelhardt, A. 8-77155
- Scharbach, P.N.** *see* Jones, D.R.T. 8-74154
- Schardt, A.W., McDonald, F.B., Trainor, J.H.** Acceleration of protons at 32 Jovian radii in the outer magnetosphere of Jupiter 8-57489
- Schardt, D.** *see* Fass, R. 8-86717
- Schardt, M.A.** *see* Bevington, P.R. 8-78207
- Scharf, G.** *see* Nenciu, G. 8-89640
- Schartenberg, P., Jung, C.** Note on the INDO geometry optimization of biphenyl 8-74575
- Scharff-Goldhaber, G.** *see* Chu, Y.Y. 8-70493
- Scharff-Goldhaber, G.** *see* Goldhaber, A.S. 8-66203
- Scharfman, N.** *see* Russ, J. 8-78202
- Scharlemann, E.T., Arons, N., Fawley, W.M.** Potential drops above pulsar polar caps: ultrarelativistic particle acceleration along the curved magnetic field 8-53970
- Scharmann, A.** *see* Beyer, E. 8-64274
- Scharmann, A.** *see* Bhattacharya, R.S. 8-84664
- Scharmann, A.** *see* Biederick, R. 8-80111
- Scharmann, A.** *see* Hasselkamp, D. 8-70916
- Scharmann, A.** *see* Hofstaetter, A. 8-80217
- Scharmann, A.** *see* Oeder, R. 8-60566
- Scharnberg, K.** *see* Grunewald, G. 8-75786
- Scharpf, D.W.** *see* Argyris, J.H. 8-86161, 8-89310
- Scharre, D.** *see* Gidal, G. 8-70412
- Scharre, D.L., Chapman, J.W., Ely, R.P., Gidal, G., Michael, W., Oddone, P.** Meson production by Δ exchange in π - π interactions at 4 GeV/c 8-74275
- Scharre, D.L., Fong, A., Pun, T.P., Barbaro-Gal-
tieri, A., Dorfan, J.M., Ely, R., Feldman, G.J.,
Feller, J.M., Gobbi, B., Hanson, G.,
Jaros, J.A., Kwan, B.P., Lecomte, P.,
Litke, A.M., Luke, D., Madaras, R.J.,
Martin, J.F., Miller, D.H., Parker, S.L.,
Perl, M.L., Peruzzi, I., Piccolo, M.,
Rapidis, P.A., Ronan, M.T., Ross, R.R.,
Trippe, T.G., Vuillemin, V., Yount, D.E.** Inclusive γ and $n\pi^0$ production in e^+e^- annihilation 8-89723
- Scharre, D.L.** *see* Feller, J.M. 8-66136
- Scharre, D.L.** *see* Vuillemin, V. 8-93876
- Scharre, L.** *see* Jaros, J.A. 8-50042
- Schartner, K.H.** *see* Bhattacharya, R.S. 8-84664
- Schartner, K.-H.** *see* Beyer, H.F. 8-66641
- Schartner, K.-H.** *see* Hasselkamp, D. 8-70916
- Schartner, K.-H.** *see* Hippler, R. 8-70913
- Schatt, W.** Effect of packing fraction on manufacture of single-material sintered components 8-64494
- Schatt, W., Ullrich, H.-J.** Metallographic-electron beam microanalytical investigations into the liquid phase sintering of Cu-Ti 8-95888
- Schatt, W., Ullrich, H.-J., Kleinstuck, K., Dabritz, S., Herenz, A., Bergner, D., Luck, H.** Diffusion studies on the Cu-Ti system 8-63881
- Schatten, K.H., Scherrer, P.H., Svalgaard, L., Wilcox, J.M.** Using dynamo theory to predict the sunspot number during solar cycle 21 8-81597
- Schattenburg, M.L.** *see* Henke, B.L. 8-49944
- Schattschneider, P., Wagensistel, A.** X-ray diffraction profiles of inhomogeneous binary solids 8-67609
- Schatz, G.C.** A generalized Langevin equation approach to molecular collision dynamics 8-70900
- Schatz, P.N., Mowery, R.L., Krausz, E.R.** MCD/MCPL saturation theory with application to molecules in D_{2h} and its subgroups 8-74687
- Schatz, P.N., Piepho, S.B., Krausz, E.R.** Far infrared intervalence tunneling transitions in mixed valence systems 8-58646
- Schatzl, M.** *see* Kutterer, G. 8-57068
- Schatzler, H.P.** *see* Henningsen, W.P. 8-53275
- Schatzman, E.** On the rate of pycno-nuclear reactions 8-61724
- Schatzman, E.** *see* Vaclair, S. 8-93202
- Schaub, B.** *see* Dean, P.J. 8-60504
- Schaubele, G.** *see* Rover, J. 8-92731
- Schauble, W.** *see* Zehnle, L. 8-66643, 8-82829
- Schauer, F.** High vacuum bushings for cryogenic applications 8-81977
- Schauer, P.** *see* Autrata, R. 8-86394
- Schauf, C.L., Bullock, J.O.** Internal cesium alters sodium inactivation in myxioala 8-96036
- Schawlow, A.L.** *see* Kowalski, F.V. 8-70193, 8-89447
- Schay, G.** *see* Dekany, I. 8-84056
- Schchelov, V.A.** *see* Oraevskii, A.N. 8-50761
- Sche, S.** Electrohydrodynamics of thin free liquid films stabilized with ionic surfactants 8-87403
- Sche, S., Fijnaut, H.M.** Dynamics of thin free liquid films stabilized with ionic surfactants 8-87416
- Scheerer, L.D.** *see* Corbin, R.J. 8-68884
- Scheerer, L.D.** *see* Fahey, D.W. 8-54507
- Schechter, B.M.** Fermions on the hypertorus 8-74149
- Schechter, D.E.** *see* Dagenhart, W.K. 8-54967
- Schechter, D.E.** *see* Stirling, W.L. 8-54968, 8-58438
- Schechter, D.E.** *see* Tsai, C.C. 8-54913
- Schechter, D.E.** *see* Wheaton, J.H. 8-87005
- Schechter, J.** *see* Kandaswamy, J. 8-58176, 8-78080
- Schechter, M.** Wave operators for oscillating potentials 8-49714
- Schechter, M.** *see* Moroson, H. 8-77086, 8-85343
- Schechter, R.S.** *see* Gardner, J.W. 8-84028
- Schechter, S.** *see* Ablow, C.M. 8-65757
- Scheck, F.** Muon physics 8-82260
- Schechter, J.** *see* Kandaswamy, J. 8-50031
- Schechter, L.** *see* Tatischeff, B. 8-82345
- Schechtman, R.M.** *see* Berry, H.G. 8-94210
- Scheele, S.R.** Scattering from infrared transparent materials 8-59099
- Scheeline, A., Coleman, D.M., Walters, J.P.** Measurement procedures for characterization of high voltage spark sources 8-49908
- Scheer, A.C., Ledley, R.S.** Radiotherapy treatment planning using the ACTA-scanner 8-65104
- Scheer, A.** Van Der *see* Van Der Scheer, A.
- Scheerer, B.** *see* Pintschovius, L. 8-55918
- Scheerer, H.J.** *see* von Egidy, T. 8-66215
- Scheetz, B.E.** *see* McCarthy, G.J. 8-54853
- Schefenacker, R., Fasel, H.** Numerical calculation of a nonsteady flow along a plane plate with a roughness element 8-94663
- Scheffel, W.J.** *see* Stansfield, O.M. 8-86622
- Scheffer, T.J.** Electrically controlled colour filters using liquid crystals 8-83113
- Scheffer, V.** The Navier-Stokes equations in space dimension four 8-69988
- Scheffler, H.** *see* Mattila, K. 8-61921
- Scheffler, K., Riege, U.** Measurement of the energy storage in solids 8-51581
- Scheffler, M.** *see* Korn, K. 8-92174
- Schegelsky, V.A.** *see* Burq, J.P. 8-89741
- Scheggi, A.M.** *see* Brenici, M. 8-55475, 8-66892
- Scheggi, A.M.** *see* Checcacci, P.F. 8-50902, 8-71012
- Scheglova, L.M.** *see* Dombeck, T. 8-82255
- Scheib, J.P.** *see* Thomson, D.W. 8-77332
- Scheib, U.** *see* Draxler, W. 8-66247
- Scheib, U.** *see* Eyrich, W. 8-54774, 8-78301
- Scheibe, R.** *see* Lindner, H. 8-69478
- Scheibling, F.** *see* Ho, H. 8-54786
- Scheibner, B.A., Sorensen, C.M., Jacobs, D.T., Mockler, R.C., O'Sullivan, W.J.** Thermal expansion of methanol+cyclohexane near the critical solution point 8-71871
- Scheibner, E.** Tasman Fold Belt System in New South Wales—general description 8-96210
- Scheibner, E.** *see* Gilligan, L.B. 8-96211
- Scheibner, E.J.** *see* Strauss, Y.E. 8-91571
- Scheibner, H.** Investigation about excited atoms in a krypton DC glow discharge 8-67494
- Scheid, W.** *see* Terlecki, G. 8-82384
- Scheidegger, K.F., Kulm, L.D., Corliss, J.B., Schweller, W.J., Prince, R.A.** Fractionation and mantle heterogeneity in basalts from the Peru-Chile Trench 8-53626
- Scheidegger, R.** Microprocessors revolutionize the design of analytical instruments 8-61096
- Scheidler, G.P.** *see* Stelzer, J.F. 8-94703
- Scheidt, H., Spiess, G., Valance, A., Pradel, P.** Determination of H^+ +Cs(6s) potential from differential cross section measurements at energies 13.4-24.2 eV 8-78778
- Scheie, P.O.** Refractive index of the beer 8-54128
- Schein, L.B., Cressman, P.J., Cross, L.E.** Pyroelectric induced optical damage in LiNbO_3 8-52446
- Scheiner, P.** *see* Kerker, M. 8-66755
- Scheiner, S., Kern, C.W.** Theoretical study of proton transfers between base pairs of DNA 8-80829
- Scheiner, S., Kern, C.W.** Energies of polypeptides: theoretical confirmational study of polyglycine using quantum mechanical partitioning 8-94189
- Scheingraber, H., Puell, H., Vidal, C.R.** Quantitative analysis of resonant third harmonic generation in Sr-Xe mixtures 8-90460
- Scheingraber, H., Vidal, C.R.** Discrete and continuous Franck Condon factors of the Mg_2^+ $A^1\Sigma_g^+X^1\Sigma_g^+$ system and their J-dependence 8-66811
- Scheite, W., Kitzler, J., Radhakrishna, P.** Critical spin-relaxation in the hard magnetic direction of CrBr_3 8-72390
- Scheithe, W.** *see* Kotzler, J. 8-76339
- Schekotov, O.E.** *see* Sechenov, V.A. 8-71450
- Schelenz, R.** Multielement analysis of river water 8-69511
- Scheler, G.** *see* Muller, R. 8-64283
- Scheler, W.** *see* Knoner, R. 8-86276
- Schelev, M.** *see* Valat, P. 8-66867
- Schelev, M.Ya.** *see* Korobkin, V.V. 8-82064
- Schellekens, P.** Research on iodine stabilized lasers in the metrology laboratory of Eindhoven University of Technology 8-87071
- Schellenberg, L.** *see* Schaller, L.A. 8-66195
- Schellenberg, L.** *see* Schneuwly, H. 8-58874
- Schellenberg, L.** *see* Wohlfahrt, H.D. 8-54679
- Schelleng, J.** *see* Forester, D.W. 8-68305
- Schelten, J.** *see* Ballard, D.G.H. 8-63680
- Schemenauer, R.S.** *see* Isaac, G.A. 8-57352
- Schemmer, M.** *see* Benninghoven, A. 8-76568
- Schenck, A.** *see* Birnbaum, H.K. 8-80269
- Schenck, A.** *see* Camani, M. 8-82259
- Schenck, A.** *see* Schilling, H. 8-80267
- Schenck, P.K., King, D.S., Travis, J.C., Smyth, K.C.** A new analytical and spectroscopic tool: the opto-galvanic effect 8-95977
- Schenck, P.K.** *see* King, D.S. 8-62231
- Schenck, P.K.** *see* Smyth, K.C. 8-63605
- Schendl, A.** 'Normatemp Digital', a universal digital thermometer 8-54368
- Schenk, G.** *see* Engel, J., Jr. 8-69036
- Schenk, H.J.** *see* Koglin, E. 8-82855
- Schenkel, R.** *see* Blaise, A. 8-84399
- Schenker, P.S., Chung Chi Hsu** Surface acoustic wave devices for optical image processing 8-71051
- Schenzle, A., Brewer, R.G.** Generalized two photon theory 8-70809
- Schepers, R.** *see* Ruter, H. 8-69293
- Schepper, I.M.** *see* de *see* Schepper, I.M.
- Scheraga, H.A.** Use of random copolymers to determine the helix-coil stability constants of the naturally occurring amino acids 8-94333
- Scheraga, H.A.** *see* Owicki, J.C. 8-92498
- Scherbakova, Z.A.** *see* Kotov, V.A. 8-57530
- Scherer, J.R.** Removal of I_2 absorption lines from 514-nm excited Raman spectra 8-70200
- Scherer, J.R.** *see* Kint, S. 8-90169
- Scherer, M.** *see* Lemaire, J. 8-57406
- Scherer, V.M.** Proposals for improving the accuracy of graduated circle investigation and for determining short-period graduation errors 8-88791
- Scheringer, C.** The thermal-motion correction for bond angles 8-55777
- Scheringer, C.** Temperature factors for large librations of molecules. Expressions in a general crystal metric and for any site symmetry 8-91410
- Scheringer, C., Kutoglu, A., Mullen, D.** X-N maps from room-temperature data—a warning 8-75487
- Scheringer, C., Kutoglu, A., Mullen, D., Hellner, E.** A simple refinement of density distributions of bonding electrons. VIII. Comparison of experimental and theoretical scattering curves for bond charges in urea and thiourea 8-55782
- Scheringer, C., Mullen, D., Hellner, E.** A simple refinement of density distributions of bonding electrons. III. Experimental static electron densities for the diborane molecule 8-79552
- Scheringer, C., Mullen, D., Hellner, E., Hase, H.L., Schulte, K.-W., Schweig, A.** Experimental and theoretical difference densities for urea. A simple refinement of density distributions of bonding electrons. VII. Comparison of observed and calculated electron densities IX 8-75616
- Scheringer, C.** *see* Mullen, D. 8-55783
- Scherk, J.** *see* Cremmer, E. 8-49981, 8-70038
- Scherm, R.** *see* Bickermann, A. 8-79693
- Scherm, R.** *see* Boning, K. 8-75758
- Scherm, R.** *see* Harley, R.T. 8-84807
- Scherm, R.** *see* Hilton, P.A. 8-71899
- Scherm, R.** *see* Magerl, A. 8-59882
- Scherm, R.** *see* Vodopyanov, L.K. 8-79699
- Schermann, C., Cadez, I., Delon, P., Tronc, M., Hall, R.I.** A simple momentum filter for the separation of negative ions from electrons 8-78034
- Schermann, J.P., Major, F.G.** Characteristics of electron-free plasma confinement in an RF quadrupole field 8-71517
- Schermer, R.I.** *see* Migliori, A. 8-92022
- Scherrer, P.H.** *see* Dittmer, P.H. 8-65589
- Scherrer, P.H.** *see* Schatten, K.H. 8-81597
- Schertz, W.W.** Nonimaging solar concentrators 8-50895
- Scherzer, B.M.U.** *see* Altstetter, C.J. 8-71751
- Scherzer, B.M.U.** *see* Blewer, R.S. 8-95070
- Schestopalov, V.P.** *see* Koshpar'onok, V.M. 8-55280

- Schetz, J.A.** *see* Squire, L.C. 8-94654
Scheuer, J.C. *see* Ajnenko, I.V. 8-58206
Scheuer, J.C. *see* Grinenko, P. 8-93913
Scheuermann, W., Nakamoto, K. Measurement of electronic and resonance Raman spectra from the same gas matrix or thin film sample 8-66554
Scheuing, C. *see* Jaerisch, W. 8-63207
Schey, J.A., Dillon, R., Arnott, J.A. Impaired ductility in sheared edges of HSLA plates 8-60727
Schiager, K.J. *see* Culot, M.V.J. 8-73262
Schianchi, G. *see* Coisson, R. 8-56522
Schiavello, M., Pepe, F., Cannizzaro, M., De Rossi, S., Tilley, R.J.D. Adsorption of oxygen and propene over a series of tungsten oxides 8-51826
Schiavello, M. *see* De Angelis, B.A. 8-95648
Schiavon, P. *see* Fidecaro, G. 8-66157
Schick, M. *see* Hilhorst, H.J. 8-65881
Schick, T.D., Franke, E.K. Comparison of the ballistocardiogram with the electrocardiogram 8-77123
Schickfus, M. *von see* von Schickfus, M.
Schicktan, S. *see* Kaiser, R. 8-68506
Schidlowski, M. A model for the evolution of photosynthetic oxygen 8-73516
Schiebel, H.M. *see* Schulten, H.-R. 8-80821
Schiebel, U. *see* Doyle, B.L. 8-55231, 8-74117
Schiebel, U. *see* Worm, E. 8-83671
Schieder, R. Interferometric nonlinear spectroscopy 8-74079
Schieferstein, U. *see* Ikeda, K. 8-72861
Schiel, D., Slaets, J., Mascarenhas, S. Measurement of acoustical second-order Doppler effect as an introductory experiment to special relativity 8-49584
Schielhaas, K.-P., Mutterer, M., Theobald, J.P., Schillack, P.A., Schrieder, G., Wastyn, P. A two-dimensional gas-scintillation drift chamber for heavy-ion detection 8-86730
Schielicke, R. On a photoelectric control as main component of automatic guidance of telescopes 8-73649
Schienenbein, K., Mair, G., Reichelt, K. The composition of vacuum-deposited Eu_2S_3 films as a function of substrate temperature and deposition rate 8-84107
Schier, W.A. *see* Bolton, C. 8-82405
Schierholz, G. *see* Hofsass, T. 8-62360
Schieve, W.C. *see* Zurek, W.H. 8-75803
Schiferl, D., Jamieson, J.C., Lenko, J.E. 90-kilobar diamond-anvil high-pressure cell for use on an automatic diffractometer 8-54387
Schiferl, D. *see* d'Amour, H. 8-83875
Schiff, D. *see* Fontannaz, M. 8-82149
Schiff, H. *see* Phillips, D.S. 8-74131
Schiff, H.I. *see* Davidson, J.A. 8-88628, 8-88629
Schiff, H.I. *see* McConnell, J.C. 8-53722
Schiff, L. *see* Calo, S.B. 8-77313
Schiffer, F.H., III *see* Bogges, A. 8-96383
Schiffer, F.H., III *see* Lane, A.L. 8-93133
Schiffer, F.H., III *see* Linsky, J.L. 8-96475
Schiffer, I.H., III *see* Grewing, M. 8-96524
Schiffer, J.P., Renner, T.R., Gemmell, D.S., Mooring, F.P. Search for $+1/3e$ fractional charges in Nb, W, and Fe metal 8-66186
Schiffer, J.P. *see* Geesaman, D.F. 8-82404
Schiffer, J.P. *see* Henning, W. 8-78413
Schiffer, J.P. *see* Paul, M. 8-54800
Schiffmacher, G. *see* Gagnier, M. 8-83781
Schiffman, R.A., Miller, A.R. Knudsen effusion of an incongruent subliming system: thermodynamics of nickel-sulfur 8-79759
Schiffmann, Y. Bifurcation and reaction-diffusion spectroscopy 8-95910
Schiffner, G. *see* Schuocker, D. 8-55366
Schijve, J. Internal fatigue cracks are growing in vacuum 8-56729
Schilawa, S. *see* Gersten, K. 8-90901
Schilcher, K. *see* Kim, K.J. 8-70286
Schilcher, K. *see* Nasrallah, N.F. 8-89713
Schild, R.E. Energy distributions of Be stars in clusters 8-85944
Schildknecht, D. *see* de Groot, E.H. 8-89760
Schildknecht, D. *see* Kinoshita, K. 8-66138
Schillaci, M.E. *see* Amols, H.I. 8-53508
Schillack, P.A. *see* Schielhaas, K.-P. 8-86730
Schiller, A. Multiplicities and rapidity distributions associated with a large p_{\perp} trigger 8-62376
Schiller, M., Ullrich, H.J. The influence of sintering conditions on the characteristics of ceramics with high clay content 8-56604
Schiller, S., Heisig, U., Steinfelder, K., Gehm, K. Pretreatment of metallic substrates with the plasmatron 8-76604
Schiller, V. *see* Somogyi, M. 8-68833
Schiller, W. *see* Richter, J. 8-87954
Schilling, G. *see* Barber, G.C. 8-62613, 8-66392
Schilling, G. *see* Gardner, W.L. 8-62660
Schilling, G. *see* Kim, J. 8-50418
Schilling, H., Camani, M., Cygax, F.N., Ruegg, W., Schenck, A. Diffusion of positive muons in single crystals of tantalum 8-80267
Schilling, H. *see* Birnbaum, H.K. 8-80269
Schilling, H. *see* Camani, M. 8-82259
Schilling, J.-G., Sigurdsson, H., Kingsley, R.H. Skagi and western neovolcanic zones in Iceland. II. Geochemical variations 8-96171
Schilling, J.-G., Unni, C.K., Bender, M.L. Origin of chlorine and bromine in the oceans 8-65342
Schilling, J.H., Buger, P.A. On quantifying images of element distributions obtained with an ion microprobe 8-73101
Schilling, J.S. *see* Fasol, G. 8-80084
Schilling, J.S. *see* Ford, P.J. 8-52277
Schilling, K. *see* Engels, J. 8-62463
Schilling, K.D., Kaubler, L., Andrejscheff, W., Muminov, T.M., Kalinnikov, V.G., Marupov, N.Z., May, F.R., Seidel, W. Electro-magnetic transitions in some doubly odd deformed nuclei 8-62505
Schilling, K.D. *see* Andrejscheff, W. 8-86506
Schilling, R. Numerical calculation of laminar flow in radial vane grids 8-90824
Schilling, R.F. *see* Beron, B.L. 8-66064
Schilling, W. Radiation induced damage in metals 8-51580
Schils, H. *see* Bronger, W. 8-83795
Schima, F.J. *see* Hutchinson, J.M.R. 8-82319
Schimitschek, E.J., Celto, J.E. Mercuric bromide dissociation laser in an electric discharge 8-50768
Schimizu, J. *see* Soga, F. 8-54775
Schimko, R. *see* Muller, G. 8-95190
Schimmel, P. *see* Hoffmeister, H. 8-85060
Schimmel, W.P., Jr., Beck, J.V., Donaldson, A.B. Effective thermal diffusivity for a multilayered composite laminate 8-90643
Schindler, J.G., Durr, H.K., Riemann, W., Braun, H.-E., Kellner, V. Ion-selective disc electrodes with neutral carrier-carriers for automated electroanalysis of serum 8-73269
Schindler, K. Structure and stability of magnetospheres 8-77440
Schindler, K. *see* Birn, J. 8-61840
Schindler, K. *see* Goldstein, H. 8-88998
Schindler, K. *see* Malz, D. 8-90452
Schindler, K. *see* Staupendahl, G. 8-83043
Schindler, R. *see* Darby, T.P. 8-51579
Schindler, R. *see* Frank, W. 8-87727
Schindler, R. *see* Himel, T. 8-78157
Schindler, R.A. Error sources in diffraction pattern sampling for optical power spectrum measurements 8-63030
Schindler, R.H. *see* Peruzzi, I. 8-74252
Schindler, R.H. *see* Tanenbaum, W. 8-66113
Schindler, S., Mirman, R. Generation of the Clebsch-Gordan coefficients for S_n 8-86172
Schindler, S., Mirman, R. Functions of tableaux and frames of the symmetric group 8-86173
Schindler, W. Rotation of ethanol molecules in ethanol-water mixtures studied by light scattering 8-76449
Schink, D.R., Guinasso, N.L., Jr. Redistribution of dissolved and adsorbed materials in abyssal marine sediments undergoing biological stirring 8-69321
Schinke, R., McGuire, P. Combined rotationally sudden and vibrationally exact quantum treatment of proton- H_2 collisions 8-74739
Schinkel, C.J. *see* Buis, N. 8-95423
Schinkel, W.M.M., Hoogendoorn, C.J. An interferometric study of the local heat transfer by natural convection in inclined air-filled enclosures 8-94707
Schinker, M.G. *see* Doll, W. 8-73009
Schins, H. *see* Clerici, G. 8-82544
Schins, H. *see* Holtbecker, H. 8-82460
Schins, W.J.H., Bezemer, J., Ouwens, C.D., Radelaar, S. Recrystallization of CVD grown polycrystalline silicon 8-64560
Schintlmeister, W., Pacher, O., Raine, T. Wear characteristics of hard material coatings produced by chemical vapour deposition with particular reference to machining 8-92365
Schinkel, D. *see* Baum, L. 8-89758
Schinzler, B. *see* Neugart, R. 8-89557
Schipper, R. *see* Anderson, J.R. 8-91603
Schipperheijn, J.J. *see* Vinke, R.V.H. 8-85302
Schiraldi, A. *see* Chiodelli, G. 8-95181
Schirber, J.E., Weaver, H.T., Ginley, D.S. Pressure dependence of crystal field splitting in Pr pnictides and chalcogenides 8-68392
Schirber, J.E. *see* Harmon, B.N. 8-91609
Schirber, J.E. *see* Weaver, H.T. 8-91966
Schirm, N. *see* Krause, H. 8-74520, 8-94155
Schirmacher, W. *see* Evans, R. 8-67633
Schirmann, D. *see* Billon, D. 8-58490
Schirmer, G., Jahn, U., Frey, H. Investigation of boron-implanted silicon crystals 8-83843
Schirmer, J., Cederbaum, L.S. The two-particle-hole Tamm-Dancoff approximation (2ph-TDA) equations for closed-shell atoms and molecules 8-70937
Schirmer, J., Cederbaum, L.S., Domcke, W., Von Niessen, W. Complete breakdown of the quasiparticle picture for inner-valence electrons: hydrogen cyanide and formic acid 8-82784
Schirmer, J., Domcke, W., Cederbaum, L.S., von Niessen, W. Break-down of the molecular-orbital picture of ionization: CS, PN and P_2 8-70883
Schirmer, J. *see* Cederbaum, L.S. 8-90234
Schirmer, J. *see* Domcke, W. 8-82619
Schirmer, O.F., von der Linde, D. Two-photon and X-ray-induced Nb^{4+} and O^- small polarons in LiNbO_3 8-76306
Schirrer, R. The effects of a strain-rate-dependent Young's modulus upon the stress and strain fields around a running crack tip 8-75097
Schjelderup, H.C., Jones, W.B., Jr. Mechanical behavior of cast adhesive film 8-60702
Schlachetzki, A. *see* Kuphal, E. 8-87883
Schlachter, A.S. *see* Olson, R.E. 8-70921
Schlaegel, J. *see* Winters, H.F. 8-93691
Schlaepfer, H.-W., Form, W. Fire-cracking and ordering in α -copper-nickel-zinc-alloys with lead 8-60760
Schlag, E.W. *see* Howard, W.E. 8-62838
Schlag, E.W. *see* Kuttner, H.G. 8-78743
Schlag, E.W. *see* Metz, F. 8-94298
Schlaile, H.G. *see* Jackle, R. 8-62580
Schlapbach, L., Seiler, A., Stucki, F. Surface segregation in FeTi and its catalytic effect on the hydrogenation [magnetic properties] 8-84819
Schlapbach, L. *see* Busch, G. 8-83955
Schlapbach, L. *see* Fischer, P. 8-83954
Schlapfer, C.W. *see* Cuoni, B. 8-60443
Schlapkohl, H. *see* Knauth, H.-D. 8-95925
Schlapp, D.M. Lunar daily geomagnetic variations at Tucson 8-96136
Schlatter, D. *see* Hansl, T. 8-74244, 8-89698, 8-89860
Schlatter, D. *see* Holder, M. 8-55103
Schlatter, W.-D. *see* Scarr, J.M. 8-54634
Schlegel, A., Kalds, E., Wachter, P., Zurcher, Ch. Optical properties and valence mixing in CeN 8-56450
Schlegel, H.B. *see* Bernardi, F. 8-66685
Schlegel, R. *see* Hahn, C. 8-64510
Schlegel, W., Fauser, G., Johnson, A., Lorenz, W.J. A computer display system for nuclear medicine imaging 8-61275
Schleich, D.M. *see* Friend, R.H. 8-87927
Schlein, P. *see* Lockman, W. 8-82254
Schleinkofer, L., Bell, F., Spindler, E., Betz, H.-D. Influence of photoabsorption on the intensity distribution of KL^{β} satellites produced in ion-atom collisions 8-78657
Schlenker, C. *see* Ahmed, S. 8-51895
Schlenker, C. *see* Dumas, J. 8-52276, 8-68268
Schlenker, C. *see* Massenot, O. 8-52233
Schlenker, J.L., Pluth, J.J., Smith, J.V. Positions of cations and molecules in zeolites with the mordenite-type framework. VI. Dehydrated barium mordenite 8-51509
Schlenker, M., Baruchel, J. Neutron techniques for the observation of ferro- and antiferromagnetic domains 8-64213
Schlenker, M. *see* Baruchel, J. 8-91282
Schlenker, P. *see* Gramlich, V. 8-78847
Schlenker, R.A. *see* Marshall, J.H. 8-96091
Schlereth, F.H. *see* Holkeboer, D.H. 8-73109
Schlereth, J. *see* Engler, A. 8-93875
Schlesinger, S.P. *see* McDermott, D.B. 8-74877
Schlesinger, Y. *see* Yeshurun, Y. 8-80303, 8-88241
Schleusener, J. *see* Buck, U. 8-66619, 8-74743
Schleusener, J. *see* Gerber, R.B. 8-70896
Schleusener, M. Measurement of the physical parameters of electrophotographic liquid developers 8-62257
Schleusener, M. Tone reproduction and copy quality of electrophotographic processes with ZnO binder-layers 8-62259
Schleusener, M. *see* Stottmeister, H.W. 8-62258
Schleussner, G. The refractive index of isotropic and oriented polyethyleneterephthalate in the 40-300 cm^{-1} range 8-52482
Schleussner, G. *see* Bauer, G. 8-79720
Schleyer, P. Von R. *see* Seeger, U. 8-62939
Schlichting, J. *see* Sahebkar, M. 8-95724
Schlimmer, M. *see* Troost, A. 8-55573
Schlindein, M. Iterative three-dimensional reconstruction from twin-cone beam projections—a simulation study 8-80949
Schlippe, W. *von see* von Schlippe, W.
Schlippe, W. *von see* von Schlippe, W.
Schlitt, L.G. *see* Powell, H.T. 8-63085
Schliwa, M. *see* Brandelik, R. 8-62416
Schloessin, H.H. Stresses and 'spreading' resistance at contacts between spheres under high pressure 8-71296
Schloessin, H.H. *see* Beck, A.E. 8-69338
Schloessin, H.H. *see* Timco, G.W. 8-69334
Schlogl, R. Electrolytic separation of ions by ion-exchange membranes 8-53247
Schlossberg, H.R. *see* Wodarczyk, F.J. 8-63094
Schlosser, W. *see* Rudolph, R. 8-53830
Schlott, M. *see* Rusbuldt, D. 8-67433
Schlott, C.M., Bogelspacher, H.R., Jager, E. Registration and clinical significance of the foetal ventricular ejection time (VET) 8-85417
Schlott, H.R. *see* Bogelspacher, H.R. 8-85414

- Schlotter, P.**, Bassler, H. Sensitized injection into anthracene crystals from surface oxidation products 8-76143
- Schlottmann, P.** On thermodynamical properties of a spin 1/2 Kondo system 8-52209
- Schlottmann, P.** Exact solution of Wolff's model of a quasimagnetic impurity in a metal 8-56105
- Schlue, J.W.** A physical model for surface wave azimuthal anisotropy 8-65186
- Schlue, J.W.**, Knopff, L. Inversion of surface-wave phase velocities for an anisotropic structure 8-85482
- Schluffer, R.** *see* Kluge, W. 8-74375
- Schlunder, E.U.** *see* Blangetti, F. 8-94553
- Schlup, W.A.** Adiabatic and pendulum approximations to the retarded Josephson equation 8-68119
- Schlup, W.A.** The Josephson motor 8-72310
- Schlup, W.A.** Application of the variational method of Djukic and Vujanovic to a simple transport problem 8-89415
- Schlup, W.A.** *see* Schneider, T. 8-70081
- Schlusser, L.** *see* Coello-Vera, A.E. 8-71249
- Schlusser, L.** *see* Tse, N.B. 8-75019
- Schluter, H.** *see* Albers, E. 8-59590
- Schluter, M.** Chemical trends in metal-semiconductor barrier heights 8-84293
- Schluter, M.** Chemical trends of Schottky barriers: A reexamination of some basic ideas 8-95363
- Schluter, M.**, Cohen, M.L. Nature of the conduction-band surface resonances for Si (111) surfaces with and without chemisorbed overlayers 8-52051
- Schluter, M.** *see* Larsen, P.K. 8-56041
- Schluter, M.** *see* Meixner, A.E. 8-52606
- Schluter, M.** *see* Zhang, H.I. 8-95366
- Schluter, P.**, Soff, G., Greiner, W. Conversion coefficient for internal pair creation 8-50135
- Schmahl, G.** *see* Haelbich, R.-P. 8-63189
- Schmalz, D.** *see* Simmen, B. 8-80705
- Schmalz, H.** Coherence requirements for holography through fog 8-58949
- Schmalzried, H.** The role of phase boundaries in heterogeneous solid state reactions. I. Classification and the dynamic equilibrium at interfaces 8-71848
- Schmalzried, H.** The role of phase boundaries in heterogeneous solid state reactions. II. Thermodynamics of compounds with small deviations from stoichiometry in the region of transformation 8-71849
- Schmand, J.** *see* Tiemann, K. 8-68437
- Schmatjko, K.J.**, Wolfrum, J. Reactions of molecules in defined vibrational states. VI. Energy distribution in the reactions $\text{CN}(v) + \text{O}(^3\text{P})$, O_2 8-76833
- Schmatz, W.** *see* Seitz, E. 8-51568
- Schmatz, W.** *see* Werner, K. 8-95062
- Schmeal, W.R.** *see* Ellison, B.T. 8-64767
- Schmedes, E.**, Leydecker, G. Macroseismic intensity map of the Federal Republic of Germany for the Friuli Earthquake of May 6, 1976 8-65203
- Schmeidler, F.** *see* Thuring, B. 8-73702
- Schmeits, M.**, Lucas, A.A. Plasmon-mediated interaction between physically adsorbed atoms—Curvature effect 8-71991
- Schmeits, M.** *see* Cole, M.W. 8-79887
- Schmeits, M.** *see* Delanaye, F. 8-84068
- Schmelzbach, P.A.** *see* Burgi, H.R. 8-94016
- Schmickler, W.** Direct elastic electron tunnelling through oxide films 8-52085
- Schmickler, W.** Electron transfer reactions at oxide electrodes involving tunnelling through a space charge barrier 8-80050
- Schmid, D.** *see* Auweter, H. 8-68560
- Schmid, D.** *see* Braun, A. 8-68548
- Schmid, E.D.** *see* Gramlich, V. 8-78847
- Schmid, H.**, Genequand, P., Tippmann, H., Pouilly, G., Guedu, H. Pyroelectricity and related properties in the fersnoite pseudobinary system $\text{Ba}_2\text{TiGe}_2\text{O}_8\text{-Ba}_2\text{TiSi}_2\text{O}_8$ 8-95553
- Schmid, K.W.** *see* Grummer, F. 8-93956
- Schmid, P.** *see* Bockmann, K. 8-93912
- Schmid, P.** *see* Bosetti, P.C. 8-70357
- Schmid, P.** *see* Otter, G. 8-82251
- Schmid, P.** *see* Schmitz, P. 8-62467
- Schmid, Ph.** *see* Staehli, J.-L. 8-60516
- Schmid, R.** Specific properties of highly cross-linked polymers 8-75585
- Schmid, R.**, Lombardi, R., Zambambieri, R., Buizza, A. Experimental set-up for clinical investigation of the oculomotor control system 8-80990
- Schmid, R.** *see* Buizza, A. 8-81036
- Schmid, R.** *see* Zambambieri, D. 8-80870
- Schmid, W.** *see* Sauer, R. 8-95607
- Schmid, W.** *see* Waldvogel, A. 8-92924
- Schmid, W.E.** *see* Kompa, K.L. 8-62865
- Schmid-Burgk, J.** Radiation hydrodynamics of high-luminosity accretion into black holes 8-77571
- Schmidbaur, H.** *see* Van de Vondel, D.F. 8-50586
- Schmidt, A.** *see* Grotzschel, R. 8-63783
- Schmidt, A.J.** *see* Veith, G. 8-82984
- Schmidt, A.J.** *see* Winter, E. 8-50792
- Schmidt, A.P.** Rapid and accurate vapour/liquid equilibrium measurements by gas-chromatographic vapour-side analysis 8-88667
- Schmidt, B.** Development of an optimum incremental diagram for calculation of thermal quantities of selected groups of compounds 8-51702
- Schmidt, C.** Transient heat transfer to liquid helium and temperature measurement with a response time in the microsecond region [Superconductivity applications] 8-71270
- Schmidt, C.**, Gorzelik, P., Ripka, K., Gmelin, E. Low-temperature sample orienting device with two degrees of freedom 8-81958
- Schmidt, C.** *see* Pasztor, G. 8-49870
- Schmidt, D.** *see* Ackermann, H. 8-66126
- Schmidt, D.** *see* Berger, Ch. 8-62412
- Schmidt, D.** *see* Lovchikova, G.N. 8-89841
- Schmidt, D.W.**, Wagner, W.J. Flow observations in the near-wake of circular cylinders by measurement of the temperature fluctuations 8-51168
- Schmidt, D.W.** *see* Cummings, J.C. 8-67876
- Schmidt, D.W.** *see* Saxena, A. 8-72949
- Schmidt, E.** *see* Balty, C. 8-70354
- Schmidt, E.** *see* Firbas, P. 8-75891
- Schmidt, E.** *see* Hellmeister, H.P. 8-78311
- Schmidt, E.** *see* Staikov, G. 8-68635
- Schmidt, E.G.** A four-color and H β study of the galactic cluster IC 4756 8-53997
- Schmidt, E.G.** The distance of the Cepheid SU Cas and its pulsation mode 8-89204
- Schmidt, E.G.** The diffuse interstellar band $\lambda 5780$ 8-93350
- Schmidt, F.A.**, Conzemius, R.J., Carlson, O.N. Electrotransport of vanadium, niobium and tantalum in thorium 8-59979
- Schmidt, F.A.** *see* Carlson, O.N. 8-86611
- Schmidt, F.A.** *see* Gschneidner, K.A., Jr. 8-83971
- Schmidt, G.** *see* Arndt, H. 8-52473
- Schmidt, G.** *see* Beige, H. 8-92025
- Schmidt, G.** *see* Guratzsch, H. 8-54751
- Schmidt, G.** *see* Raseria, R.L. 8-76364
- Schmidt, G.** *see* Reno, R.C. 8-91996
- Schmidt, G.** *see* Rottger, J. 8-88938
- Schmidt, G.** *see* Satya, Y. 8-79428
- Schmidt, G.K.** The GEOS models and mechanisms 8-85825
- Schmidt, H.** Can an effect precede its cause? A model of a noncausal world 8-73824
- Schmidt, H.**, Ruckle, B. Beam deviation method as a diagnostic tool for the plasma focus 8-55745
- Schmidt, H.**, Schwabl, F. Localized defects in a one-dimensional Ginzburg-Landau model 8-71820
- Schmidt, H.**, Schwald, F. Defects, localized modes and central peak at dispersive phase transitions 8-83905
- Schmidt, H.** *see* Fink, J. 8-95536
- Schmidt, H.** *see* Knopp, R. 8-88737
- Schmidt, H.** *see* Patton, C.E. 8-95523
- Schmidt, H.** *see* Tasman, H.A. 8-57955
- Schmidt, I.**, Hornbogen, E. The formation of metastable crystalline phases and glasses in splat-cooled Fe-C alloys 8-88461
- Schmidt, I.A.** *see* Fernandez-Pacheco, A. 8-66122
- Schmidt, J.** *see* Botter, B.J. 8-76357
- Schmidt, J.** *see* Nishi, N. 8-70856
- Schmidt, J.** *see* Nishi, N.N. 8-96118
- Schmidt, J.** *see* Schadee, R.A. 8-76517
- Schmidt, J.** *see* Verbeek, P.J.F. 8-76294
- Schmidt, K.** *see* Peblar, J. 8-68430
- Schmidt, K.H.** *see* Bimbot, R. 8-58527
- Schmidt, K.-H.** *see* Pape, H. 8-55902
- Schmidt, K.-H.** *see* Wohlfarth, H. 8-78428
- Schmidt, K.-J.**, Kreitlow, W. Vibration analysis by combined application of holographic interferometry and finite element calculation 8-90806
- Schmidt, L.C.** *see* Liebenberg, D.H. 8-74017
- Schmidt, L.D.** *see* Gorte, R. 8-87876
- Schmidt, M.** The local space density of quasars and active nuclei 8-57676
- Schmidt, M.** The cosmological evolution of quasars 8-57688
- Schmidt, M.**, Schulz, K.D., Maass, M. Glow polymerisation of hexamethyldisiloxane in a flow system 8-68631
- Schmidt, M.**, Stocker, H.J. Stress splitting of the 0.84-eV luminescence in GaAs:Cr 8-84627
- Schmidt, M.** *see* Boksenberg, A. 8-96540
- Schmidt, M.** *see* Hoffmann, H. 8-72287
- Schmidt, M.** *see* Perry, P.B. 8-64397
- Schmidt, M.P.** *see* Morse, W.M. 8-89858
- Schmidt, N.A.** *see* Gentner, J.O. 8-84541
- Schmidt, O.** *see* Horn, E. 8-84744
- Schmidt, P.** *see* Katsoufis, E. 8-82234
- Schmidt, P.C.** *see* Zwilling, M. 8-72539
- Schmidt, P.E.** *see* Henisch, H.K. 8-84270
- Schmidt, P.E.** *see* Jacobs, S.M. 8-58197
- Schmidt, P.H.**, Longinotti, L.D., Joy, D.C., Ferris, S.D., Leamy, H.J., Fisk, Z. Design and optimization of directly heated LaB₆ cathode assemblies for electron-beam instruments 8-93783
- Schmidt, P.P.** Continuous charge distribution models of ions in polar media. V. Quantum mechanical treatment of ionic and molecular solvation 8-68913
- Schmidt, R.**, Toneev, V.D. Complete fusion in a static model 8-86543
- Schmidt, R.**, Toneev, V.D. Evolutions within the angular distributions of DIC 8-86544
- Schmidt, R.** *see* Hannappel, L. 8-58547
- Schmidt, R.** *see* Henschel, H. 8-58546
- Schmidt, R.** *see* Krenn, H. 8-49868, 8-54410
- Schmidt, R.** *see* Riblet, G. 8-56253
- Schmidt, R.A.**, Huddle, C.W. Effect of confining pressure on fracture toughness of Indiana limestone 8-57197
- Schmidt, R.R.** *see* Sparrow, E.M. 8-71275
- Schmidt, R.V.** *see* Alfness, R.C. 8-79144
- Schmidt, R.V.** *see* Cross, P.S. 8-83116
- Schmidt, S.** *see* Feinn, D. 8-80792
- Schmidt, U.** *see* Ehhalt, D.H. 8-73472
- Schmidt, U.** *see* Mihelcic, D. 8-73535
- Schmidt, V.**, Hopfe, J. Observation of Dugdale cracks in glass foils—a method for studying surface plasticity of soda-lime glass 8-68733
- Schmidt, V.** *see* Adam, M.Y. 8-8671
- Schmidt, V.** *see* Dhez, P. 8-62270
- Schmidt, V.** *see* Rodbro, M. 8-90279
- Schmidt, V.H.** *see* Western, A.B. 8-80301
- Schmidt, V.H.** *see* Yamada, M. 8-82016
- Schmidt, W.** Density of magnon states in a ferromagnet with screw dislocation 8-84402
- Schmidt, W.**, Weiss, R. Dislocation propagation in Czochralski grown gadolinium gallium garnet (GGG) 8-59771
- Schmidt, W.** *see* Klessinger, M. 8-50477
- Schmidt, W.** *see* Wagner, B. 8-71370, 8-94760
- Schmidt, W.** *see* Wilke, V. 8-55408
- Schmidt, W.E.** *see* Johnston, J.P. 8-63246
- Schmidt, W.F.** *see* Doldissen, W. 8-72218
- Schmidt-Bocking, H.**, Hornung, H. Energy straggling of Cl ions in gases 8-58785
- Schmidt-Bocking, H.**, Lichtenberg, W., Schuch, R., Volpp, J., Tseruya, I. Charge-state dependence of molecular-K-X-ray production in nearly symmetrical ion-atom collisions 8-90188
- Schmidt-Bocking, H.** *see* Macdonald, J.R. 8-55230
- Schmidt-Kaler, Th.** *see* Rudolph, R. 8-53830
- Schmidt-Ott, A.**, Siegmann, H.C. Photoelectron emission from small particles suspended in air 8-68598
- Schmidt-Ott, W.-D.**, von Dincklage, R.-D. Spin of $^{207\text{m}}\text{Po}$ (2.79 s); conversion measurement in ^{207}Po decay 8-58252
- Schmidt-Parzefall, W.** *see* Darden, C.W. 8-62415, 8-93895
- Schmidt-v. Schubert, B.** Vibrational nonequilibrium stagnation shock layers at hypersonic speed and low Reynolds number 8-87417
- Schmidtke, G.** Today's knowledge of the solar EUV output and the future needs for more accurate measurements for aeronomy 8-57535
- Schmidtke, H.H.** *see* Wernicke, R. 8-95600
- Schmidtlein, P.** *see* Schwarz, G. 8-74504
- Schmiedekamp, C.** *see* Jamison, K.A. 8-94209
- Schmieder, B.** Linear hydrodynamical equations coupled with radiative transfer in a non-isothermal atmosphere. II. Application to solar photospheric observations 8-77529
- Schmieder, G.** *see* Bohnert, K. 8-88327
- Schmiedl, R.** *see* Bonilla, I.R. 8-90210
- Schmiedt, R.A.**, Zwislöck, J.J. Low-frequency neural and cochlear-microphonic tuning curves in the gerbil 8-88718
- Schmillen, A.** *see* Kaminski, J. 8-94279
- Schmit, F.M.** *see* Lee, T.C. 8-90391
- Schmit, J.** *see* Feuchtwang, T.E. 8-76591
- Schmit, J.L.**, Stelzer, E.L. The effect of annealing temperature of the carrier concentration of $\text{Hg}_{0.6}\text{Cd}_{0.4}\text{Te}$ 8-72167
- Schmit, J.L.** *see* Scott, W. 8-88289
- Schmitt, A.** Derivative spectroscopy: some practical examples 8-58055
- Schmitt, A.** *see* Meulenet, J.P. 8-60474
- Schmitt, D.**, Morin, P., Pierre, J. Magnetic structure and crystal field in cerium compounds with CsCl-type structure 8-72328
- Schmitt, D.** *see* Morin, P. 8-52328, 8-67998
- Schmitt, D.** *see* Pierre, J. 8-72341
- Schmitt, H.** *see* Fischer, Th. 8-62669
- Schmitt, H.** *see* Rohark, G. 8-54837
- Schmitt, H.von der** *see* von der Schmitt, H.
- Schmitt, I.** *see* Ernst, W. 8-82250, 8-86458, 8-89682
- Schmitt, J.** *see* Neiger, M. 8-71579
- Schmitt, J.** *see* Wegmann, H.M. 8-85813
- Schmitt, J.P.M.** Experiment on resonant wave-particle interaction at the ion gyroharmonic frequencies 8-83574
- Schmitt, J.P.M.**, Lapiere, Y. Resonant wave-particle interaction at the half-integer cyclotron harmonics 8-78871
- Schmitt, K.**, Long-yi Tsai Existence of solutions of nonlinear Schrödinger equations 8-57820
- Schmitt, K.F.**, Friche, C.A., Gibson, C.H. Humidity sensitivity of atmospheric temperature sensors by salt contamination 8-69489

- Schmitt, R.P.**, Bizard, G., Wozniak, G.J., Moretto, L.G. Evidence for energy thermalization in deep-inelastic processes: $^{63}\text{Cu}+^{20}\text{Ne}$ at 7.9, 12.6 and 17.2 MeV/nucleon 8-94024
- Schmitt, R.P.** see Cauvin, B. 8-70554
- Schmitt, R.P.** see Wozniak, G.J. 8-50202, 8-62585
- Schmitt, R.W., Jr.**, Evans, D.L. An estimate of the vertical mixing due to salt fingers based on observations in the North Atlantic central water 8-85571
- Schmitt, W.** see Sandner, W. 8-58838
- Schmitt-Thomas, K.G.**, Schulz, G.H., Vollrath, L. Influence of different local collectives on the fracture surface appearance of alternating bending loaded round samples of steel Ck 45 8-52995
- Schmitter, K.H.** see Amenda, W. 8-54923
- Schmitz, D.** see Brandelik, R. 8-62416
- Schmitz, M.** see Bienenle, J.K. 8-93894
- Schmitz, N.** see Blobel, V. 8-58213
- Schmitz, P.**, Sixel, P., Kriegel, U., Walter, M., Figiel, J., Morrison, D.R.O., Saarikko, H., Schmid, P., Triantis, F.A., Barnham, K.W.J., Eason, R.M., Mandl, F., Markytan, M. Production of p^0 and f in K $^-$ p interactions at 10 and 16 GeV/c: estimation of the central and fragmentation parts of p^0 production and comparison with the quark model 8-62467
- Schmitz, R.**, Felderhof, B.U. Creeping flow about a sphere 8-71307
- Schmitz, R.** see Alexander, G. 8-74251, 8-89766
- Schmitz, V.** Ultrasonic holography 8-68855
- Schmitz, W.** see Pfeiffer, W. 8-87584
- Schmitz-Feuerhake, I.** see Tagder, K. 8-53501
- Schmocker, U.** see McCombie, C. 8-94109
- Schmoll, G.** see Deurer, R. 8-65406
- Schmorak, M.R.** Nuclear data sheets for A=207 8-89770
- Schmueser, D.W.** see Rybicki, E.F. 8-88524
- Schmugge, K.** see Geil, W. 8-67672
- Schmuser, P.** see Brandelik, R. 8-62416
- Schmutz, M.** Real-time Green's functions in many body problems 8-57855
- Schmutzer, E.** Conductive additional terms in Navier-Stokes equations 8-75411
- Schmutzer, E.** Gyroscope coupled to a rotating ring 8-86260
- Schmutzer, E.**, Wilhelmi, B. Generation of electric currents in plasmas by electromagnetic radiation 8-71492
- Schmutzler, R.W.** see Nicoloso, N. 8-84187
- Schnabel, B.**, Rosenberger, H., Muller, R. Investigations about structure and motions in hydrogen-bonded systems by means of the NMR high-resolution of solids (NMR-HRS) 8-76323
- Schnabel, B.** see Dohler, H. 8-88197
- Schnabel, F.**, Chapman, S. Reactive bands and rebounding trajectories in collinear F+H₂ 8-80718
- Schnabel, W.** Molecular mechanisms for degradation of polymers 8-76860
- Schnable, B.** see Rosenberger, H. 8-84489
- Schnack, E.** Numerical process for optimisation of tensile concentrations 8-87271
- Schnack, E.**, Wolf, M. Application of displacement and hybrid stress methods to plane notch and crack problems 8-63375
- Schneider, Kh.** see Apel', V.D. 8-78223
- Schneemeyer, L.F.** see Herber, R.H. 8-71809
- Schnegg, P.A.** see Fischer, G. 8-61321
- Schneegenburger, R.G.** see Nolen, R.L., Jr. 8-50306
- Schneid, E.J.** see D'Agostino, M.D. 8-85238
- Schneider, A.J.** see Thomas, S.R. 8-53484
- Schneider, B.I.** The R-matrix method: applications to electron-molecule collisions 8-58834
- Schneider, C.** The distortion by spin-orbit coupling in quasi-free scattering of polarised protons 8-66272
- Schneider, C.S.**, Ertel, J.P. Experiments on magnetic materials 8-81743
- Schneider, D.P.**, Kam-Ching Leung. Evolved contact systems of spectral type O. II. AO Cassiopeiae 8-93302
- Schneider, D.P.** see Kam-Ching Leung 8-65650, 8-65651, 8-69827, 8-93309
- Schneider, E.** Dielastic interaction of the flux line lattice with internal stresses of crystal imperfections. II. Second-order interaction force between flux lines and crystal dislocations 8-56270
- Schneider, E.** see Pailer, N. 8-93113
- Schneider, F.** Study of the electrical conductivity in the nematic and smectic phases of 4-alkyloxy-4'-cyanobiphenyls 8-55966
- Schneider, F.** see Bock, M. 8-76068
- Schneider, F.** see Engelen, B. 8-94987, 8-94995
- Schneider, F.** see Zulicic, L. 8-64833
- Schneider, G.** see Kindl, P. 8-73245
- Schneider, G.** see Kraak, W. 8-76120
- Schneider, G.C.** see Bloess, D. 8-82552
- Schneider, G.M.**, Alwani, Z., Jockers, R., Liphard, K.G. Phase behaviour and critical phenomena in fluid binary mixtures at high pressures 8-51648
- Schneider, G.M.** see Sandrock, R. 8-75814
- Schneider, G.M.** see Wurfli, A. 8-51669
- Schneider, H.**, Joye, B. Phase shift in anomalous skin effect 8-67544
- Schneider, H.** see Hoegger, B.A. 8-63582
- Schneider, H.** see Kluge, W. 8-74375
- Schneider, H.** see Ritz, Ch.P. 8-70221
- Schneider, H.** Gunther see Gunther Schneider, H.
- Schneider, H.-J.** see Knoner, R. 8-86276
- Schneider, H.R.** see Nandi, S. 8-58158
- Schneider, H.W.** Equation of the growth rate of frost forming on cooled surfaces 8-87248
- Schneider, I.** see Williams, R.T. 8-56473
- Schneider, J.**, Brunsch, A. O₂ contaminated amorphous FeCd films 8-64231
- Schneider, J.** see Adhart, W. 8-54514
- Schneider, J.** see Gemperle, R. 8-91885
- Schneider, K.J.** see Kabele, T.J. 8-94110
- Schneider, L.** see Andrejtscheff, W. 8-86506
- Schneider, M.**, Nebauer, E. Diffusivity and solubility of copper in LEC-GaP 8-51743
- Schneider, M.J.** see Burch, J.D. 8-58281
- Schneider, N.S.** see Paik Sung, C.S. 8-80509
- Schneider, R.** see Foh, J. 8-70681
- Schneider, R.** see Schull, D. 8-70680
- Schneider, R.J.** see Goitein, M. 8-69220
- Schneider, S.**, Matson, M. Satellite observations of snowcover in the Sierra Nevada during the Great California Drought 8-65352
- Schneider, S.** see Eyrych, W. 8-54774, 8-78301
- Schneider, S.H.** Climate change and the world predicament: a case study for interdisciplinary research 8-57300
- Schneider, S.H.** see Mass, C. 8-69439
- Schneider, T.** The Dutch national air pollution monitoring system—a focal and reference point 8-69465
- Schneider, T.**, Stoll, E. Molecular dynamics study of a three-dimensional one-component model for distortive phase transitions 8-51646
- Schneider, T.**, Stoll, E. Nonlinear lattice dynamics: A molecular-dynamics study 8-59921
- Schneider, T.**, Stoll, E. Dynamics of an Ising-like model in four space dimensions 8-95411
- Schneider, T.**, Stoll, E., Schlup, W.A. Threshold-phase transition analogy 8-70081
- Schneider, T.** see Hiwatari, Y. 8-67803
- Schneider, T.** see Stoll, E. 8-75739
- Schneider, W.** Investigations on the reduction of SO₂ emission from steam generators burning pulverized brown coal 8-53724
- Schneider, W.** see Heide, M. 8-56833
- Schneider, W.** see Keck, H. 8-94803
- Schneider, W.** see Kull, H. 8-76102
- Schneider, W.A.** Integral formulation for migration in two and three dimensions 8-77342
- Schneider, W.J.** Statistical correlation energies in atomic and molecular systems 8-78637
- Schneider, W.J.** On correcting one-particle-energies by statistical correlation potentials 8-90083
- Schneider, W.R.** see Dieterich, W. 8-79673
- Schneider, A.** see Kuhlmann, F. 8-89598
- Schneiderman, A.M.**, Karo, D.P. Speckle interferometry measurements atmospheric nonisoplanicity using double stars 8-65387
- Schneiderman, A.M.**, Karo, D.P. Measurement of r_0 with speckle interferometry 8-65388
- Schneiderman, A.M.** see Karo, D.P. 8-69701
- Schneiderreit, R.** see Kuchler, G. 8-80995
- Schnell, W.** Coherent instabilities of proton beams in accelerators and storage rings—experimental results, diagnosis and cures 8-78898
- Schnell, W.** Statistical phenomena—experimental results 8-78899
- Schnell, W.**, Fischer, G. Spectrophone measurements of isotopes of water vapor and nitric oxide and of phosgene at selected wavelengths in the CO and CO₂ laser region 8-57310
- Schnepp, O.** see Gross, K.P. 8-62834
- Schneps, J.** see Katsoufies, E. 8-82234
- Schneps, J.** see Whitmore, J. 8-74289
- Schnetzer, S.** see Nagamiya, S. 8-54790
- Schneuwly, H.**, Dubler, T., Kaeser, K., Robert-Tissot, B., Schaller, L.A., Schellenberg, L. On the influence of the chemical bond on the relative muonic capture rates in elements of compounds 8-58874
- Schneuwly, H.** see Schaller, L.A. 8-66195
- Schneuwly, H.** see Wohlfahrt, H.D. 8-54679
- Schneyer, G.P.** Late stage equivalence of near-surface explosions 8-61353
- Schnittler, C.** A simplified approach to the SCLC characteristic of homogeneous solids with traps distributed in energy 8-84224
- Schnitzer, H.J.** Inverted charmed multiplets as a test for scalar confinement 8-70325
- Schnopper, H.W.**, Delvaile, J.P., Epstein, A., Cash, W., Charles, P., Bowyer, S., Hjellming, R.M., Owen, F.N., Cotton, W.D. X-ray and radio emission from the compact galaxy III Zw 2 8-65691
- Schnopper, J.W.** see Kallne, E. 8-63186
- Schnuriger, J.C.** see Appel, E. 8-58513
- Schnuriger, J.-C.** see Blechschmidt, D. 8-58510
- Schobbert, H.** see Fodor, I. 8-82332
- Schobbert, H.** see Fodor, I. 8-70504
- Schober, H.R.** see Zeller, R. 8-75775
- Schober, H.R.** see Zinken, A. 8-75759
- Schober, P.** see Guyer, H. 8-70449
- Schober, P.** see Lewandowski, Z. 8-70518
- Schober, T.** Vanadium-deuterium: calorimetry and phase diagram 8-80527
- Schober, T.** see Kobler, U. 8-84778
- Schoberl, F.** see Flamm, D. 8-70336
- Schoch, B.** Interpretation of the high-energy processes $^{16}\text{O}(\gamma, p_0)^{15}\text{N}$ and $^{16}\text{O}(\gamma, n_0)^{15}\text{O}$ 8-70511
- Schoeber, W.J.A.H.**, Thijssen, H.A.C. A step-by-step method for the calculation of the concentration dependence of the diffusion coefficient from a single (de)sorption experiment 8-87859
- Schoeberle, D.F.** see Kulak, R.F. 8-70613
- Schoeck, G.** see Wielke, B. 8-88507
- Schoeffel, J.A.** see Bottoms, W.R. 8-70227
- Schoell, M.**, Faber, E. New isotopic evidence for the origin of Red Sea brines 8-96236
- Schoell, M.**, Hartmann, M. Changing hydrothermal activity in the Atlantis II Deep geothermal system 8-85532
- Schoemaker, D.** see Goovaerts, E. 8-80338
- Schoen, A.A.** Effluent monitoring: its purpose and value 8-89986
- Schoen, P.** see Jackson, D.A. 8-54355
- Schoenberg, K.F.** Pulsed electrostatic probes as a diagnostic for transient plasmas 8-94937
- Schoenberg, M.**, Nathaniel, R. Stability of the centred finite difference scheme for the three-dimensional equations of elastodynamics 8-63294
- Schoenenberger-Deuel, J.**, Vaillancourt, R. Flow on the two-dimensional torus 8-89345
- Schoenes, J.** Optical properties and electronic structure of UO₂ 8-68527
- Schoenes, J.**, Nolting, W. Redistribution of the conduction band density of states near ferromagnetic saturation in EuS 8-67939
- Schoenmackers, J.** see Richter, H. 8-88764
- Schoenmackers, R.** see David, P. 8-78426
- Schoenwald, J.S.** Tunable variable bandwidth/frequency SAW resonators 8-59247
- Schoenwald, J.S.** Asymmetrically truncated SAW transducers 8-87225
- Schoenwetter, H.K.** AC voltmeter/calibrator developed 8-74019
- Schoenwetter, H.K.** An RMS digital voltmeter/calibrator for very-low frequencies 8-86293
- Schoepfle, G.M.**, Rehm, W.S., Young, J.H. Ionic concentration profiles and charge distribution for the domain of a polarized spherical cell 8-73144
- Schoessler, J.P.**, Uniacke, C.A. Standardization of the Bausch and Lomb Autoplot tangent screen 8-64976
- Schofield, D.** see Chase, S.C., Jr. 8-57440
- Schofield, K.** see Muller, C.H., III. 8-61132, 8-80762
- Schokkenbroek, N.** see Harkema, S. 8-67617
- Scholer, A.**, Bell, F. Angular distribution and polarization fraction of characteristic X-radiation after proton impact 8-56546
- Scholer, M.**, Hovestadt, D., Klecker, B., Gloeckler, G., Fan, C.Y. Temporal development of the energetic particle composition during solar flares 8-89148
- Scholer, M.** see Hovestadt, D. 8-85790
- Scholes, C.P.** see Grazulis, V.A. 8-72434
- Scholl, D.W.** see Hein, J.R. 8-53636
- Schollhorn, R.** see Butz, T. 8-76366
- Schollmeyer, H.** see Rohark, G. 8-54837
- Scholten, O.** see Arima, A. 8-54672
- Scholten, O.** see Benedict, U. 8-51709
- Scholtens, B.B.**, Brouwer, A., Broers, G.H.J. $\beta\text{-AgVO}_3$, 4AgI and AgNbO₃, 4AgI: two new solid ionic electrolytes at room temperature 8-79803
- Scholtens, B.B.**, Polder, R., Broers, G.H.J. Some thermodynamic, electrical and electrochemical properties of silver vanadium bronzes 8-84265
- Scholtz, A.L.**, Haller, R., Ehrmann, E. Minimization of mode-coupling distortions in coupling-modulated gas lasers 8-55384
- Scholz, G.** Spectroscopic investigations of the magnetic Ap star HD 9996 8-77558
- Schomberg, H.** An improved approach to reconstructive ultrasound tomography 8-92681
- Schomblond, C.** see Castoldi, P. 8-78071
- Schomburg, H.**, Staerk, H., Weller, A., Werner, H.-J. Temperature dependence of the geminate recombination of radical ion pairs 8-76879
- Schomburg, U.** Contact problems with constraint finite elements used in stress analysis for B₂-coils 8-55004
- Schomburg, U.** see Belitz, H.J. 8-50382
- Schomer, P.D.** Human response to house vibrations caused by sonic booms or air blasts 8-90589

- Schomer, P.D., Goff, R.J., Little, L.M. Statistics of amplitude and spectrum of blasts propagated in the atmosphere 8-63224
- Schommers, W. Current-current correlations in α -AgI 8-51732
- Schon, G. *see* Eckern, U. 8-91807
- Schon, J.P. *see* Morcl, R. 8-94741
- Schonauer, W., Gruning, J., Daubler, H.-G., Glotz, G. Streamline coordinates and similarity transformation for the 3-D boundary layer 8-90816
- Schonberg, M. Causality and relativity 8-81901
- Schönbucher, A. *see* Brotz, W. 8-51255, 8-94677
- Schone, P. Comparison of three models of acoustic fluctuation strength 8-65033
- Schonenberg, R. *see* Kullmann, J. 8-88831
- Schonert, H. On ion-solution medium interaction with transport in aqueous electrolyte solutions 8-79790
- Schonfelder, V. Origin of MeV-excess in the energy spectrum of diffuse cosmic γ rays 8-73777
- Schonfelder, V. *see* Daugherty, J. 8-53827
- Schonfeldt, H.J., Baudler, H. Digitalization of measurement series 8-53745
- Schönhagen, R. *see* Hinterberger, F. 8-62553
- Schönhammer, *see* Gunnarsson, O. 8-60547
- Schönhammer, K., Gunnarsson, O. Correlation effects on core level spectra of adsorbates 8-68605
- Schönhammer, K., Gunnarsson, O. Exactly soluble limits of a model for core level spectra of adsorbates 8-80459
- Schönhammer, K. *see* Brenig, W. 8-71979
- Schönherr, E., Müller, G., Winckler, E. Czochralski growth of Li_3N crystals 8-56574
- Schönherr, E. *see* Bhattacharya, G. 8-60465
- Schönhorn, H., Vazirani, H.N., Frisch, H.L. Relationship between fiber tension and drawing velocity and their influence on the ultimate strength of laser-drawn silica fibers 8-74986
- Schönwiese, C.-D. On the European air temperature change patterns 8-92957
- Schoof, H. *see* Oechsner, R. 8-88397
- Schoolar, R.B. *see* Jensen, J.D. 8-72290
- Schoolman, S.A. *see* Barry, D.C. 8-65577
- Schoonman, J. *see* Wapenaar, K.E.D. 8-55980
- Schoots, T. *see* de Bueger, J. 8-58360
- Schoots, T. *see* Rottger, R. 8-58361
- Schopper, H. Latent results in high energy physics 8-66184
- Schor, R. *see* Shimshak, R.R. 8-73207
- Schor, R.A., Shames, D.M., Weber, P.M., Dos Remedios, L.V. Regional ventilation studies with Kr-81m and Xe-133: a comparative analysis 8-85360
- Schor, R.S. The particle structure of v -dimensional Ising models at low temperatures 8-57865
- Schormann, J. *see* Hollander, W. 8-81470
- Schorn, H. *see* Laermann, K.-H. 8-76825
- Schorn, R.A.J. *see* Young, A.T. 8-53851
- Schortinghuis, A.C. *see* Dower, G.E. 8-85447
- Schott, F. *see* Duing, W. 8-92833
- Schott, L. Plasma enclosed in a magnetic field produced by flexible surface magnets 8-59660
- Schott, L. Resonant damping of ion acoustic waves in a corrugated plasma 8-67345
- Schott, M. *see* Aime, J.P. 8-76518
- Schott, M. *see* Berrehar, J. 8-76091
- Schott, M. *see* Bouchriha, H. 8-87913
- Schott, M. *see* Heisel, F. 8-60500, 8-67945
- Schott, O. *see* Kutterer, G. 8-57068
- Schotte, K.D. On the description of transport phenomena 8-95277
- Schotte, K.D. *see* Bredl, C.D. 8-52210
- Schou, J., Sørensen, H. The penetration depth of 0.5-3-keV electrons in solid hydrogen and deuterium 8-56549
- Schou, J., Sørensen, H., Littmark, U. Energy reflection coefficients for 5-10 keV He ions incident on Au, Ag and Cu 8-95639
- Schouten, F.C., te Brake, E., Gijzeman, O.L.J., Bootsma, G.A. Dissolution of carbon into nickel through the (110) surface 8-63932
- Schouten, J.C. *see* de Jonge, W.J.M. 8-68277
- Schouten, J.C. *see* Takeda, K. 8-52293
- Schrack, R.A., Lamaze, G.P., Wasson, O.A. A measurement of the $^{10}\text{B}(n,\alpha)^{7}\text{Li}$ cross section in the keV energy region 8-89866
- Schrack, R.A. *see* Bowman, C.D. 8-50221
- Schrack, R.A. *see* Lamaze, G.P. 8-89865
- Schrack, R.A. *see* Wasson, O.A. 8-90039
- Schrade, P. *see* Gauss, W. 8-84487
- Schrade, P.G. *see* Gunther, S. 8-95529
- Schrader, D.M. *see* Armour, E.A.G. 8-78813
- Schrader, H. *see* Berg, H. 8-93974
- Schrader, H. *see* Wohlfarth, H. 8-78428
- Schrader, M. *see* Szanto de Toledo, A. 8-70423, 8-78246, 8-89781
- Schrader, K., Seiler, R. A uniform lower bound on the renormalized scalar Euclidean functional determinant 8-78061
- Schram, D.C. *see* Gerasimov, N.T. 8-67599
- Schram, D.C. *see* Leclair, J. 8-67604
- Schram, D.C. *see* Pots, B.F.M. 8-55338
- Schram, D.C. *see* Rosado, R. 8-71447
- Schram, D.C. *see* Theuvs, P.G.A. 8-67439
- Schram, D.C. *see* van der Mullen, J.J.A.M. 8-67535
- Schram, R. *see* Adam, J. 8-71473
- Schramel, P., Kern, W. A device for opening quartz ampoules in neutron activation analysis 8-61121
- Schramm, B. The Ar-Kr pair potential function 8-74726
- Schramm, C.J. *see* Marks, T.J. 8-76057
- Schramm, D.N. Cosmology and new particles 8-81719
- Schramm, D.N., Wagoner, R.V. Element production in the early universe 8-89277
- Schramm, D.N. *see* Dearborn, D. 8-93201
- Schramm, D.N. *see* Dearborn, D.S.P. 8-93200
- Schramm, D.N. *see* Freedman, D.Z. 8-85964
- Schramm, D.N. *see* Gunn, J.E. 8-93091
- Schramm, D.N. *see* Kazanas, D. 8-81723
- Schramm, R., Reineke, H.H. Natural convection in a horizontal layer of two different fluids with internal heat sources 8-94539
- Schramm, R.E. *see* Tobler, R.L. 8-92311
- Schrandt, R.G. *see* Smith, A.C., Jr. 8-49940
- Schraner, R. *see* Grossmann, S. 8-80715
- Schraner, R. *see* Ruch, E. 8-77662
- Schraub, A. *see* Porstendorfer, J. 8-73261
- Schreckenbach, K. *see* Alexeev, V.L. 8-54721
- Schreckenbach, K. *see* Greenwood, R.C. 8-89819
- Schreckenbach, K. *see* Mampe, W. 8-82566
- Schreckenbach, K. *see* Rossi, J. 8-70676
- Schreiber, D. *see* Jacobs, J.T. 8-65994
- Schreiber, H. Control of electronic clocks by one-minute interval signals derived from standard frequency transmitters 8-57902
- Schreiber, H. On the possibility of inferring the interplanetary sector structure from daily variations of geomagnetic a indices 8-93066
- Schreiber, H.J. *see* Grassler, H. 8-62466
- Schreiber, H.P., Tewari, Y.B., Wertheimer, M.R. Application of microwave plasmas for the passivation of metals 8-64762
- Schreiber, J. *see* Aksionov, V.L. 8-76211
- Schreiber, J.L. *see* Polanyi, J.C. 8-64822
- Schreiber, P.W. *see* Roh, W.B. 8-59081
- Schreiber, R., Wohlfahrt, H., Macherauch, E. The effect of shot-peening on the bending fatigue strength of the case-hardened steel 16MnCr5 8-56777
- Schreiber, R., Wohlfahrt, H., Macherauch, E. Improvement in the bending fatigue behaviour of shot-peened steel 16 MnCr5 by subsequent surface treatment 8-84957
- Schreiner, H. *see* Bayer, R.K. 8-67163
- Schreiner, H. *see* Hassler, H. 8-64508
- Schreiner, P. *see* Derrick, M. 8-82197
- Schreiner, P. *see* Price, L.E. 8-78209
- Schreinicke, G. *see* Huber, B. 8-57097
- Schrenker, H. Flow control in HPLC 8-92559
- Schreurs, J.W.H. Low field hyperfine structure in the EPR spectra of Mn^{2+} containing glasses 8-95513
- Schreyer, H. *see* Kronmüller, H. 8-72373
- Schreyer, H.L. Consistent diagonal mass matrices and finite element equations for one-dimensional problems 8-73857
- Schreyer, H.L. A numerical method for predicting seismic-induced impact between subassemblies in LMFBF cores 8-74447
- Schrieder, G. *see* Frey, R. 8-50154
- Schrieder, G. *see* Schielhaas, K.-P. 8-86730
- Schrieffer, J.R. *see* Davenport, J.W. 8-67907, 8-90260
- Schrieffer, J.R. *see* Ho, W. 8-72653
- Schrier, A.M., Povar, M.L. Eye movements of monkeys during learning-set formation 8-77057
- Schrijver, F.C. *see* de Schrijver, F.C.
- Schrijver, J., Brinkman, A.C., Heise, J., den Boggende, A.J.F., Gronenschild, E.H.B.M., Mewe, R., Grindlay, J.E., Parsignault, D.R. A short-lived transient X-ray source at high galactic latitude 8-96563
- Schrijver, J. *see* Brinkman, A.C. 8-86025
- Schrijver, J. *see* den Boggende, A.J.F. 8-81634
- Schrijver, J. *see* Gronenschild, E.H.B.M. 8-54010
- Schrijver, J. *see* Mewe, R. 8-53811, 8-53812
- Schrijver, J. *see* Miewe, R. 8-89051
- Schrock, V.E. *see* Chambre, P.L. 8-50271
- Schrodel, W. Demonstration of Rutherford scattering 8-81778
- Schrodel, W. Demonstration of the critical temperature T_c and of the critical magnetic field from a superconductor 8-84343
- Schrodel, W. *see* Gase, R. 8-86077
- Schroder, B. *see* Geiger, J. 8-83898
- Schroder, B. *see* Idschok, U. 8-93908
- Schroder, B. *see* Muller, H.W. 8-75510
- Schroder, E. *see* Hausler, K.-G. 8-85155
- Schroder, G. *see* Haessner, F. 8-84947
- Schroder, G. *see* Hock, K.-H. 8-83918
- Schroder, H. *see* Darden, C.W. 8-62415, 8-93895
- Schroder, I.G. *see* Bowman, C.D. 8-66323
- Schroder, R. *see* Loibl, B. 8-53926
- Schroder, U., Honerlage, B. Influence of electron-phonon coupling on impurity levels in polar semiconductors 8-64007
- Schroder, U. *see* Mahler, G. 8-79941
- Schroder, U. *see* Sangster, M.J. 8-55827
- Schroder, V., Scobel, W., Wilde, L., Bormann, M. On the mechanism of the $(n,2n)$ reaction with 14 MeV projectiles on ^{127}I and ^{209}Bi 8-82354
- Schroder, W.U., Birkelund, J.R., Huizenga, J.R., Wolf, K.L., Viola, V.E., Jr. Mechanisms of very heavy-ion collisions: the $^{209}\text{Bi}+^{136}\text{Xe}$ reaction at $E_{\text{lab}}=1130$ MeV 8-89905
- Schroder, W.U., Huizenga, J.R. Damped heavy-ion collisions 8-82388
- Schroeder, C.M. Accurate silicon spacer chips for an optical-fiber cable connector 8-55441
- Schroeder, G. Investigation of the dislocation arrangement in plastically deformed iron single crystals by means of ferromagnetic techniques 8-63774
- Schroeder, G. *see* Chang Peng-Hsiang 8-71740
- Schroeder, G. *see* Reidenbach, H.-D. 8-80945
- Schroeder, H. *see* Jung, P. 8-72817
- Schroeder, K. *see* Bender, O. 8-84510
- Schroeder, K. *see* Dederichs, P.H. 8-55973
- Schroeder, L.C. *see* Jones, W.L. 8-77246
- Schroeder, M.J., Kiazura, G.E. Computer processing of digital radar data gathered during HIPLEX 8-92989
- Schroeder, P.A. *see* Uher, C. 8-51968
- Schroeder, R. *see* Bauerfeld, W.L. 8-94177
- Schroeder, R.A., Bada, J.L. Aspartic acid racemization in Late Wisconsin Lake Ontario sediments 8-73415
- Schroeder, T.R. Beyond centauri 8-61699
- Schroeder, D. *see* Kuo, C.S. 8-64303
- Schroer, B. *see* Nielsen, N.K. 8-62336
- Schrofel, J., Denk, J. Deposition of thin glass films by vacuum evaporation 8-80469
- Schroter, J. The complete Chapman-Enskog procedure for the Fokker-Planck equation 8-65860
- Schroter, J., Stormberg, H.P. Ion and water transport through ion exchange membranes 8-68930
- Schroter, W. *see* Siethoff, H. 8-87816
- Schroter, W. *see* Usadel, K.D. 8-51936
- Schrotter, H.W. *see* Klockner, H.W. 8-74664
- Schrotter, J. *see* Vrba, P. 8-83580
- Schruben, J.S. *see* Hopkins, R. 8-71211
- Schubart, B. New dimensions in the design of micro and precision balances 8-57935
- Schubart, B., Poulis, J.A., Gast, Th. Force measurement in chemical analysis 8-68953
- Schubert, B. Schmidt-v. *see* Schmidt-v. Schubert, B.
- Schubert, D. *see* Heumann, E. 8-89523
- Schubert, D.C. *see* Betts, G.E. 8-83114
- Schubert, F. *see* Dittmar, G. 8-86332
- Schubert, G. *see* Cassen, P. 8-61761
- Schubert, G. *see* del Genio, A.D. 8-61637
- Schubert, G. *see* Straus, J.M. 8-71393
- Schubert, G. *see* Tovish, A. 8-81128
- Schubert, G. *see* Yuen, D.A. 8-73330
- Schubert, H.G. *see* Schwerdtfeger, K. 8-51687
- Schubert, J.F. Acoustic detection of momentum transfer during the abrupt transition from a laminar to a turbulent atmospheric boundary layer 8-65365
- Schubert, K. *see* Alasafi, K.M. 8-60654
- Schubert, K. *see* Heinrich, S. 8-83775, 8-83779
- Schubert, K. *see* Lubitz, W. 8-94266
- Schubert, K. *see* Matkovic, P. 8-51471
- Schubert, K. *see* Matkovic, T. 8-59783, 8-75628
- Schubert, K. *see* Mayer, H.W. 8-60661
- Schubert, K.R. *see* Darden, C.W. 8-62415, 8-93895
- Schubert, M., Vogel, W. Representation of linear and nonlinear optical processes by using the eigensolutions of the field strength operator 8-83028
- Schubert, M. *see* Donnerhacke, K.-H. 8-83010
- Schubert, M. *see* Donnerhacke, K.H. 8-71078
- Schubert, P. *see* Sahebkar, M. 8-95724
- Schubert, R. Analysis of SnNi electroplate by secondary ion mass spectrometry, ion scattering spectrometry, and Rutherford backscattering 8-95979
- Schubert, R. *see* Faber, S. 8-85406
- Schubiger, A. *see* Wytenbach, A. 8-82321
- Schuch, R. *see* Macdonald, J.R. 8-55230
- Schuch, R. *see* Schmidt-Bocking, H. 8-90188
- Schuck, P. *see* Durand, M. 8-65872
- Schuckers, G.H. *see* Hoffman, P.R. 8-65055
- Schuder, J.C. *see* Gold, J.H. 8-57050
- Schuebel, W.K. *see* Brandelik, J.E. 8-58998
- Schuele, D. *see* Fontanella, J. 8-72460
- Schueler, G.I. *see* Augustin, W. 8-78481
- Schuenemeyer, J.H., Drew, L.J. An exploratory drilling exhaustion sequence plot program 8-57334
- Schuerman, D.W. *see* Greenberg, J.M. 8-85906
- Schuffe, J.A., Hsieh-Sui Hao The temperature of maximum density of deuterium oxide in capillaries 8-51801

- Schug, J.C.** *see* Lengsfeld, B.H., III 8-58582, 8-78621
- Schugar, H.J.** *see* Fawcett, T.G. 8-74787
- Schuh, B.** Phase boundary of the square-lattice Ising antiferromagnet by real space renormalization group methods 8-88134
- Schuhl, C.** *see* Argan, P. 8-82333
- Schuhmacher, R.** *see* Bhatia, T.S. 8-70433
- Schuhmann, D.** Contamin, O., Levart, E. Study of the concentration impedance in a thin layer cell. II. Second order chemical reaction; influence of the inequality of the diffusion coefficients of the reactants 8-53214
- Schuhmann, D.** *see* Contamin, O. 8-53213, 8-73053
- Schuldt, S.B.** An exact derivation of contact resistance to planar devices 8-60205
- Schule, M.** *see* Gauss, W. 8-84487
- Schule, R.** Steinhauser, A., Stafast, H., Bethge, K. Collisional configuration-rearrangement in fast neon projectiles 8-82816
- Schule, R.** *see* Macdonald, J.R. 8-55230
- Schulenberg, J.R.** The Debye potential: a scalar factorization for Maxwell's equations 8-77732
- Schuler, D.L.** Remote sensing of directional gravity wave spectra and surface currents using a microwave dual-frequency radar 8-57364
- Schuler, D.L.** Remote sensing of directional gravity wave spectra and surface currents using a microwave dual-frequency radar 8-96323
- Schuler, K.P.** *see* Alguard, M.J. 8-70376
- Schuler, K.P.** *see* Prescott, C.Y. 8-89719
- Schuler, K.W.** *see* Gray, D.E. 8-81151
- Schulien, S.** Hornemann, U., Stoffler, D. Electrical conductivity of dunite during shock compression from 12.5 to 45 GPa 8-85536
- Schulke, L.** *see* Ragutt, B. 8-86450
- Schull, D.** Foh, J., Graf, H.-D., Miska, H., Schneider, R., Spamer, E., Theissen, H., Titze, O., Walcher, Th. High resolution electron scattering facility at the Darmstadt linear accelerator (DALINAC). III. Detector system and performance of the electron scattering apparatus 8-70680
- Schull, D.** *see* Foh, J. 8-70681
- Schuller, B.** *see* Hienberger, F. 8-62553
- Schuller, F.** *see* Nienhuis, G. 8-55156
- Schulman, J.N.** McGill, T.C. Tight-binding calculation for the AlAs-GaAs (100) interface 8-95342
- Schulman, L.S.** *see* Imry, Y. 8-52159
- Schulman, L.S.** *see* McCraw, R.J. 8-72354
- Schulman, S.** *see* Snyder, W.A. 8-54013
- Schulson, E.M.** The fracture of ordered Zr_3Al polycrystals 8-64641
- Schulson, E.M.** The strengthening of ordered Zr_3Al by fast neutron irradiation 8-84838
- Schulson, E.M.** Swanson, M.L., MacEwen, S.R. Point defect annihilation kinetics and irradiation creep in ordered alloys 8-75659
- Schulson, E.M.** *see* Carpenter, G.J.C. 8-51583
- Schulson, E.M.** *see* Turner, R.B. 8-72805
- Schult, A.** Soffel, H.C., Hussain, A.G. Palaeomagnetism of Cretaceous Nubian Sandstone, Egypt 8-85479
- Schult, O.W.B.** *see* Borchert, G.L. 8-70777
- Schult, O.W.B.** *see* Greenwood, R.C. 8-89819
- Schult, O.W.B.** *see* Lauppe, W.-D. 8-54668
- Schult, O.W.B.** *see* von Egidy, T. 8-66215
- Schulte, A.M.** *see* Verhaar, B.J. 8-86465
- Schulte, C.W.** Campbell, J.L., Jackman, J.A. Temperature dependence of positron annihilation in iron and vanadium 8-56540
- Schulte, C.W.** *see* Jackman, J.A. 8-91360
- Schulte, E.** *see* Adolfs, F. 8-58101
- Schulte, E.** *see* Muller, F. 8-83877
- Schulte, K.** *see* Mottaghy, K. 8-96117
- Schulte, K.-W.** *see* Hase, H.-L. 8-74800
- Schulte, K.-W.** *see* Scheringer, C. 8-75616
- Schulte, R.** *see* Bosetti, P.C. 8-70357
- Schulte, R.** *see* Kirk, H.G. 8-82252
- Schulte, R.L.** *see* Adler, P.N. 8-87823
- Schulte, R.L.** *see* D'Agostino, M.D. 8-85238
- Schulte in den Baumen, J.** *see* Hefe, H. 8-65672
- Schulte-Frohlind, D.** *see* Dizdaroğlu, M. 8-85290
- Schulten, H.-R.** Schiebel, H.M. Principle and technique of field-desorption mass spectrometry. Analysis of corrin and vitamin B₁₂ 8-80821
- Schulten, K.** Wolynes, P.G. Semiclassical description of electron spin motion in radicals including the effect of electron hopping 8-58724
- Schulten, K.** *see* Tavan, P. 8-73058
- Schulteis, H.** Schulteis, R. Folding potentials and antisymmetrization 8-94023
- Schulteis, R.** *see* Schulteis, H. 8-94023
- Schulteis, G.F.** *see* Basmer, P. 8-94044
- Schultz, A.J.** Gerrity, D.P., Williams, J.M. Structural studies of precursor and partially oxidized conducting complexes. XVI. An X-ray diffraction study of dicesium tetracyanoplatinate hydrogendifluoride $Cs[Pt(CN)_4](FHF)_{0.39}$ 8-59789
- Schultz, A.R.** *see* Miller, M.H. 8-86348
- Schultz, D.L.** *see* Jones, T.V. 8-94768
- Schultz, D.N.** Asymmetry of central and peripheral corneal astigmatism measured by photokeratoscopy 8-64981
- Schultz, G.** Gresser, J. A study of transport coefficients of electrons in some gases used in proportional and drift chambers 8-58541
- Schultz, H.** *see* Rasch, K.-D. 8-71727
- Schultz, J.** *see* Shanahan, M.E.R. 8-92383
- Schultz, J.H.** *see* Ballou, J.K. 8-66402
- Schultz, J.H.** *see* Heck, F.M. 8-55014
- Schultz, J.M.** *see* Nadkarni, V.M. 8-55818
- Schultz, J.M.** *see* Petermann, J. 8-95760
- Schultz, J.M. (editor)** Treatise on materials science and technology, vol.10. Properties of solid polymeric materials. Pt.A 8-83756
- Schultz, J.O.P.** *see* Barry, W.A. 8-69550
- Schultz, K.-J.** Investigation of a turbulent two-substance boundary layer along a densified fluid film on a flat plate with turbulent on-flow 8-90845
- Schultz, L.** Kruse, H. Light noble gases in stony meteorites—a compilation 8-65574
- Schultz, P.H.** Martian intrusions: possible sites and implications 8-77513
- Schultz, P.J.** Jackman, T.E., Fabian, J., Williams, E.A., MacDonald, J.R., MacKenzie, I.K. The compensation dependence of the effective vacancy formation enthalpy in copper-rich brass as deduced from the threshold temperature for positron trapping in vacancies 8-80433
- Schultz, R.R.** Cole, R. Bubble nucleation and growth instabilities in transient boiling 8-90649
- Schultz, T.D.** *see* Kagoshima, S. 8-75795
- Schultz, T.J.** Synthesis of social surveys on noise annoyance 8-87189
- Schultze, D.** *see* Bohm, J. 8-64343
- Schultze, D.** *see* Kaminskii, A.A. 8-95593
- Schultze, K.** *see* Bosetti, P.C. 8-70357
- Schulz, A.** *see* Pitz, E. 8-65954, 8-96427
- Schulz, F.** *see* Wittmaack, K. 8-92165
- Schulz, G.E.** Rosenbaum, G. The multi-wire proportional chamber as an area detector for protein crystallography in comparison with photographic film; guidelines for future development of area detectors 8-65166
- Schulz, G.H.** *see* Schmitt-Thomas, K.G. 8-52995
- Schulz, H.** Interpretation of pseudo-extinctions 8-55780
- Schulz, H.** The calibration of white dwarf photometry 8-85938
- Schulz, H.** *see* Bhattacharya, G. 8-60465
- Schulz, H.** *see* d'Amour, H. 8-83875
- Schulz, H.** *see* Denner, W. 8-75495, 8-75501
- Schulz, H.D.** *see* Darden, C.W. 8-62415, 8-93895
- Schulz, H.J.** Properties of a commensurate charge density wave system 8-75796
- Schulz, J.** *see* Grande, S. 8-60344
- Schulz, J.C.** Finite element solution of spherically symmetric elasticity problems using general purpose structural analysis programs 8-63293
- Schulz, K.** Determination of the physical behaviour of high viscosity liquids by harmonical shear vibration 8-67164
- Schulz, K.D.** *see* Schmidt, M. 8-68631
- Schulz, M.** Dynamic properties of interface states in MOS structures 8-95373
- Schulz, M.** Johnson, N.M. Capture cross-sections of MOS interface states 8-64129
- Schulz, N.** *see* Haas, B. 8-54675
- Schulz, P.A.** *see* Grant, E.R. 8-82800
- Schulz, R.** *see* Blewer, R.S. 8-95070
- Schulz, R.A.** Olson, E.C., Han, K.S. A comparison of the number of rays vs the number of views in reconstruction tomography 8-69214
- Schulz, R.J.** *see* Nath, R. 8-65132
- Schulz, U.** *see* Winkler, K. 8-64452
- Schulz, V.** *see* Rubin, R. 8-85411
- Schulz, W.** *see* Kaltenbach, M. 8-73197
- Schulz, W.W.** Reynolds, R.C. Enhancement of three-dimensional appearance of freeze-fracture images by reversal processing of electron microscopy sheet film 8-62267
- Schulz-DuBois, E.O.** Wolf, P. Static characteristics of Josephson interferometers 8-76192
- Schulze, G.** Henzler, M. Determination of atomic steps at argon ion bombarded Ge(100) surfaces 8-63913
- Schulze, J.** *see* Appel, E. 8-80993
- Schulze, J.** *see* David, P. 8-78426
- Schulze, R.** *see* Camani, M. 8-82259
- Schumacher, E.** *see* Gerber, W.H. 8-94203
- Schumacher, E.** *see* Herrmann, A. 8-55268
- Schumacher, G.** *see* Bernard, L. 8-52430
- Schumacher, G.** *see* Dalle Donne, M. 8-58372
- Schumacher, G.** *see* Frossati, G. 8-81978
- Schumacher, R.** *see* Wong, A.Y. 8-58431
- Schumacher, R.T.** Self-sustained oscillations of organ flue pipes: an integral equation solution 8-51015
- Schumacher, R.T.** Self-sustained oscillations of the clarinet. An integral equation approach 8-94490
- Schumacher, R.W.** *see* Mamas, D.L. 8-67401
- Schumacher, W.** Lindner, U., Jauch, R. Magnetic solutions of the Hubbard model 8-52195
- Schumaker, N.E.** *see* Hartman, R.L. 8-50778
- Schumaker, N.E.** *see* Nicollian, E.H. 8-91795
- Schumaker, R.R.** *see* Engler, E.M. 8-91680
- Schuman, H.K.** Relationship between scattering current and aperture coupling for thin finite cylinders 8-62988
- Schumann, B.** Georgi, C., Tempel, A., Kuhn, G., Nguyen Van Nam, Neumann, H., Horig, W. Epitaxial layers of $CuInSe_2$ on GaAs 8-84104
- Schumann, D.** Computation of pulse dispersion in gradient index light guides 8-50920
- Schumann, G.** *see* Hollander, W. 8-81470
- Schumann, U.** *see* Kedziur, F. 8-50243
- Schumm, F.** *see* Stohr, M. 8-61162
- Schummer, P.** Worthoff, R.H. An elementary method for the evaluation of a flow curve 8-83352
- Schummer, P.** *see* Berg, G. 8-87395
- Schummer, P.** *see* Hoffmann, L. 8-67256
- Shunk, R.W.** On the dispersal of artificially-injected gases in the night-time atmosphere 8-65460
- Schuoeker, D.** Schiffner, G. Optimum geometry for the YAG:Nd³⁺ fiber laser pumped by a single LED 8-55366
- Schupp, A.A., Jr.** *see* Callis, R.W. 8-74490
- Schur, K.** Huster, R. Photoemission electron microscopy in the high-vacuum region: influence of the residual atmosphere and other parameters on image brightness and image contrast 8-55791
- Schurath, U.** *see* Bahe, F. 8-73536
- Schurmann, D.J.** *see* Hayes, W.C. 8-69127
- Schurmann, B.** An exact multiple scattering calculation in comparison with the Fresnel approximation 8-66054
- Schurmann, B.** Norenberg, W., Simbel, M. Microscopic transport theory of heavy-ion collisions. III. Effects of fragment shell structure on mass transfer 8-58301
- Schurmann, E.** Voss, H.-J. Influence of copper and tin upon the segregation behaviour of chromium and nickel in iron-base-alloys 8-72777
- Schurr, J.M.** Theory of dynamic light scattering by polymers and gels 8-60475
- Schurz, J.** *see* Ribitsch, V. 8-79394
- Schussler, F.** *see* Pfeiffer, B. 8-78323
- Schussler, H.** *see* Dabkiewicz, P. 8-54680
- Schussler, M.** Pahler, A. Diffusion of a strong internal magnetic field through the radiative envelope of a 2.25 M_\odot -star 8-85931
- Schuster, B.G.** *see* Kyle, T.G. 8-92551
- Schuster, F.** *see* Steudel, R. 8-50545
- Schuster, G.** *see* McAuliff, R.C. 8-93735
- Schuster, H.E.** *see* Sekanina, Z. 8-53876, 8-85908
- Schuster, H.-E.** *see* Bergwall, N.A.S. 8-77497
- Schuster, H.G.** On a relation between the mobility edge problem and an isotropic XY model 8-88138
- Schuster, K.** Bullock, E. Modification of the microstructure of IN 100 by simulated coating heat treatments 8-85058
- Schuster, K.D.** Pflug, K.P., Forstel, H., Pichotka, J.P. A method of determining lung perfusion by the dilution principle with expiration detection of the indicator 8-85326
- Schuster, K.D.** *see* Pflug, K.P. 8-85327
- Schuster, N.** Representation of rotational-symmetrical and aspherical surfaces in cartesian coordinates being favourable for computation 8-78902
- Schuster, N.** Model for the representation of the effect of rotationally symmetrical aspherical deformations 8-90375
- Schuster, P.** *see* Karpfen, A. 8-66475
- Schusterman, R.J.** Moore, P.W. The upper limit of underwater auditory frequency discrimination in the California sea lion 8-69106
- Schutte, F.-J.** *see* Trung, T.V. 8-87093
- Schutte, G.** Wilets, L. Excitation during collective deformation: how simple it is 8-58229
- Schutte, H.** A functional model of the perception of uniform rhythm in sequences of sound impulses 8-65032
- Schuttman, W.** König, W. Conclusions from some unusual events in the field of ionizing radiation in the German Democratic Republic 8-53520
- Schuttman, W.** *see* Nack, P. 8-53529
- Schütz, B.F.** *see* Friedman, J.L. 8-53922
- Schutz, G.** *see* Steyerl, A. 8-87003
- Schutz, J.U.** *see* von Schutz, J.U.
- Schutz, L.** *see* Jaenicke, R. 8-85640
- Schutz, R.J.** *see* Chi, G.C. 8-72035
- Schutz, W.P.** *see* Arnold, R.G. 8-62521
- Schutze, P.** An averaging meter built on the dual slope principle 8-73983
- Schuermans, M.F.H.** *see* Burgmans, A.L.J. 8-70972

- Schuy, S. *see* Leitgeb, N. 8-80934
 Schuy, S. *see* Maresch, H. 8-85401
 Schuy, S. *see* Plurtscheller, G. 8-85400
 Schuyler, M.W. *see* Srivastava, R.B. 8-76999
 Schuyler, R.L. *see* Marker, A.J. 8-52169
 Schwaab, P. *see* Herbsleb, G. 8-95887
 Schwab, C. *see* Bloch, P.D. 8-72061, 8-79934
 Schwab, C. *see* Goltzene, A. 8-52353
 Schwab, C. *see* Nikitine, S. 8-64386, 8-64388
 Schwab, C. *see* Prevot, B. 8-75756
 Schwab, C. *see* von Bardeleben, H.J. 8-64260, 8-88336
 Schwab, G.-M., Morgen, H. On the kinetics of phototropy 8-64868
 Schwabe, D. *see* Beyer, E. 8-64274
 Schwabe, D. *see* Hofstaetter, A. 8-80217
 Schwabe, D. *see* Oeder, R. 8-60566
 Schwabe, R. *see* Bindemann, R. 8-64410
 Schwabl, F. *see* Folk, R. 8-79722
 Schwabl, F. *see* Schmidt, H. 8-71820
 Schwacher, D. *see* Mendelson, K.S. 8-55271
 Schwagerl, C., Claus, R. An isotopic mixed crystal $K_2Cu^{12}CN/K_2Cu^{13}CN$, studied by Raman scattering 8-76476
 Schwaiger, C. *see* Jung, P. 8-86278
 Schwalbe, K.-H., Backfisch, W. Correlations between fracture toughness, tensile properties, fracture morphology, and microstructure of a high-strength steel 8-60789
 Schwald, F. *see* Schmidt, H. 8-83905
 Schwall, R.E., Gray, W.H., Long, C.J. Mechanical design of ORPUS-3 8-62641
 Schwall, R.E. *see* Shen, S.S. 8-62635
 Schwall, R.E. *see* Walker, M.S. 8-62638
 Schwall, R.J. *see* Bond, A.M. 8-61118
 Schwaller, P. *see* Pedroni, E. 8-66321
 Schwalm, D. *see* Bokemeyer, H. 8-54793
 Schwalm, D. *see* Bosch, F. 8-64911
 Schwalm, W., Hermanson, J. Surface states on unrelaxed GaAs (110) in the bond-orbital model 8-91749
 Schwan, H.P. *see* Foster, K.R. 8-57038
 Schwanebeck, J. *see* Callaghan, T. 8-64467
 Schwanebeck, J.C., Buitrago, R.H., Toth, L.E., Goldman, A.M., Canbor, R. Auger electron analysis of oxygen contamination in sputter-deposited Nb films 8-52669
 Schwanebeck, J.C. *see* Pow, E.C. 8-84764
 Schwartz, H.P. *see* Harmon, R.S. 8-57297, 8-73400
 Schwartz, A.A. *see* Liebes, S., Jr. 8-81557
 Schwartz, A.J. *see* Mahn Won Kim 8-83960
 Schwartz, B. *see* Kern, J. 8-81043
 Schwartz, B. *see* Nicollian, E.H. 8-91795
 Schwartz, B.B. *see* Frota-Pessoa, S. 8-91823
 Schwartz, C., Cole, M.W., Pliva, J. Semiempirical determination of the atom-surface interaction 8-72676
 Schwartz, D. *see* Gursky, H. 8-93459
 Schwartz, D. *see* Johnston, M. 8-93467
 Schwartz, D.A., Gursky, H., Schwarz, J., Bradt, H., Dossy, R. Location of pulsating binary X-ray source 4U 1538-52 with the HEAO-1 scanning modulation collimator 8-96570
 Schwartz, D.M. *see* Odette, G.R. 8-87711
 Schwartz, D.M. *see* Townsend, T.H. 8-65151
 Schwartz, F.C., Klaassens, J.B., Heus, R.W. A method for the calculation of an apparent time invariance inductance for an iron core inductor 8-62207
 Schwartz, G.C. *see* Mauer, J.L. 8-72907
 Schwartz, G.P. Segregation studies in Pd-Ag 8-87849
 Schwartz, J.G., Fox, W.W., Shaffer, T.H. A method for measuring functional residual capacity in neonates with endotracheal tubes 8-53556
 Schwartz, J.-L. Influence of a constant magnetic field on nervous tissues. I. Nerve conduction velocity studies 8-92619
 Schwartz, L., Bansil, A. The optical theorem in multiple scattering theory 8-95250
 Schwartz, L.H. *see* Kim, K.J. 8-52861
 Schwartz, L.J. *see* Henrichs, P.M. 8-80235
 Schwartz, L.M. Statistical uncertainties of analysis by calibration of counting measurements 8-92533
 Schwartz, L.W. *see* van den Broeck, J.-M. 8-51146
 Schwartz, M. *see* Moradi-Araghi, A. 8-74705
 Schwartz, M.W., Mukherjee, A.K. Creep damage and rupture criteria 8-60818
 Schwartz, P.R., Waak, J.A. Observations of radio quiet quasi-stellar objects at 3.3 millimeters 8-81703
 Schwartz, R.B. *see* Cookson, J.A. 8-62532
 Schwartz, R.D. NGC 3620 and Sz 80: two southern emission-line galaxies at low galactic latitudes 8-86022
 Schwartz, R.D. A shocked cloudlet model for Herbig-Haro objects 8-89196
 Schwartz, R.D., Noah, P. UVBR photometry of H-alpha emission stars in southern dark clouds 8-81633
 Schwartz, S.E. *see* Hercher, M. 8-65973
 Schwartz, S.J. Microturbulence and the solar wind. I. Analytical results for fast mode instability growth rates 8-96373
 Schwarz, A. *see* Hausler, K.-G. 8-85155
 Schwarz, A.S. On quantum fluctuations of instantons 8-54530
 Schwarz, A.S. The partition function of degenerate quadratic functional and Ray-Singer invariants 8-54531
 Schwarz, D. *see* Wessel, R. 8-57998
 Schwarz, E. *see* Lunke, C. 8-94035
 Schwarz, E. *see* Perrin, C. 8-89792
 Schwarz, G., Schmidlein, P. Collective dose commitment: concept and method of calculation using the Federal Republic of Germany as an example 8-74504
 Schwarz, G. *see* Muller, G. 8-95190
 Schwarz, J. *see* Gursky, H. 8-93459
 Schwarz, J. *see* Johnston, M. 8-93467
 Schwarz, J. *see* Schwartz, D.A. 8-96570
 Schwarz, J.A., Polizzotti, R.S. Methanation over polycrystalline Ni and Pt foils 8-73081
 Schwarz, J.H. *see* Brink, L. 8-49744, 8-65856
 Schwarz, J.H. *see* Freedman, D.Z. 8-66067
 Schwarz, K. Instability of stable negative ions in the Xa method or other local density functional schemes 8-82640
 Schwarz, K.W. Anomalous electron mobilities in dense helium gas 8-75253
 Schwarz, K.W. Turbulence in superfluid helium: steady homogeneous counterflow 8-87836
 Schwarz, M.J. *see* Anderson, D.M. 8-65540
 Schwarz, M.P. *see* Hyland, A.R. 8-69904
 Schwarz, M.P. *see* Mathewson, D.S. 8-69884
 Schwarz, P. *see* Dobiasch, H. 8-62538
 Schwarz, S.A., Helms, C.R., Spicer, W.E., Taylor, N.J. High resolution Auger sputter profiling study of the effect of phosphorus pileup on the Si-SiO₂ interface morphology 8-72006
 Schwarz, S.A., Helms, C.R., Spicer, W.E., Taylor, N.J. Auger-sputter profiling study of phosphorus pileup at the Si-SiO₂ interface 8-95240
 Schwarz, U. *see* Belitz, H.J. 8-50382
 Schwarz, U. *see* Conrads, H. 8-50348
 Schwarz, U. *see* Giesen, B. 8-64582
 Schwarz, U.J. Mathematical-statistical description of the iterative beam removing technique (method CLEAN) 8-57464
 Schwarz, W.H.E. *see* Hafner, P. 8-86803
 Schwarze, H. Model for the frequency spread of backscattered underwater sound based on the facet model of the rough sea surface 8-87184
 Schwarzenberg-Czerny, A., Rozyczka, M. Theoretical UVV colours of accretion discs in cataclysmic variables 8-61865
 Schwarzenberg-Czerny, A. *see* Semeniuk, I. 8-61862
 Schwarzer, K. *see* Kroger, W. 8-82429
 Schwarzer, K. *see* Wolters, J. 8-58390
 Schwarzl, S. *see* Lin, Y.S. 8-91892
 Schwarzschild, B. *see* Lamsa, J.W. 8-54658
 Schweda, M. *see* Piguet, O. 8-74121, 8-78070
 Schweer, B. *see* Elbern, A. 8-95626
 Schweich, D., Villermaux, J. The chromatographic reactor. A new theoretical approach 8-64880
 Schweig, A. *see* Hase, H.-L. 8-74800
 Schweig, A. *see* Scheringer, C. 8-75616
 Schweikert, E.A. *see* McGinley, J.R. 8-85240
 Schweikert, E.A. *see* Zikovsky, L. 8-92577
 Schweitzer, E.L., Papike, J.J., Bence, A.E. Clinopyroxenes from deep sea basalts: a statistical analysis 8-88828
 Schweitzer, G.K. *see* Vick, D.O. 8-50575
 Schweitzer, J.W. Intermediate valence states in the Falicov-Kimball model 8-51897
 Schweitzer, J.W. Coherent potential approximation treatment of intermediate valence in rare-earth compounds induced by alloying 8-67986
 Schweitzer, J.W. *see* Beeken, R.B. 8-51943, 8-68179
 Schweitzer, L. *see* Mell, H. 8-80023
 Schweitzer, L. *see* Movaghar, B. 8-88167
 Schweitzer, J. *see* Barbara, B. 8-84395
 Schweizer, T.C. *see* Doering, R.R. 8-62555
 Schweizer, T.C. *see* Thornton, S.T. 8-50070
 Schweller, W.J. *see* Scheidegger, K.F. 8-53626
 Schwendemann, P. *see* Selloni, A. 8-70185
 Schwenk, E.B., Wheeler, K.R., Shearer, G.D., Webster, R.T. Poisson's ratio in Zircaloy-4 between 24° and 316°C 8-52874
 Schwenk, H. *see* Auld, E.G. 8-90111
 Schwenker, R.O. *see* Hu, S.M. 8-71748
 Schwenn, R., Montgomery, M.D., Rosenbauer, H., Miggendorfer, H., Muhlhauser, K.H., Bame, S.J., Feldman, W.C., Hansen, R.T. Direct observation of the latitudinal extent of a high-speed stream in the solar wind 8-57419
 Schwenterly, S.W. Development of vacuum components for neutral beam injection applications 8-74493
 Schwenterly, S.W., Dagenhart, W.K., Haselton, H.H., Stirling, W.L., Tsai, C.C. Performance of 4.2K cryopumps in neutral beam injectors 8-58439
 Schwentker, E.P. *see* Koreska, J. 8-57066
 Schwentker, O. *see* Wohlfahrt, H.D. 8-54679
 Schwentner, N. *see* Hahn, U. 8-65982
 Schwentner, N. *see* Martens, G. 8-52593, 8-80435
 Schwerdt, H. *see* Constantinesco, A. 8-80943
 Schwerdtfeger, K., Schubert, H.G. Solubility of water in CaO-Al₂O₃ melts at 1600°C 8-51687
 Schwerdtmann, W., Quante, F. Automatic segment analysis of cardiac noise 8-88759
 Schwerer, F.C., Spangler, C.E., Jr., Kelly, J.F. Temperature dependence of the magnetic coercivity of pearlite 8-52304
 Schwing, F. *see* Whitman, G.M. 8-62994
 Schwesinger, B. A translationally invariant RPA-calculation for ¹⁶O on the basis of an algebraic solution of the many-body oscillator problem 8-82298
 Schwetman, H.A. *see* Deacon, D.A.G. 8-82940, 8-90406
 Schwierzinski, A. *see* Foh, J. 8-70681
 Schwierzinski, A. *see* Frey, R. 8-50154
 Schwierz, G., Harer, W., Ruhrschopf, E.-P. Principles of image reconstruction in X-ray computer tomography 8-88745
 Schwill, W.J. *see* Althoff, K.H. 8-66125
 Schwill, W.J. *see* Haas, R. 8-66131
 Schwind, H. *see* Fleischer, G. 8-61008
 Schwindk, P., Saverbrey, U., Irnich, W. Microcomputer-supported functional checks of heart pacemakers 8-81068
 Schwindt, H. New approximation formula for the thermodynamic quantities of steam dependent on enthalpy and entropy 8-59532
 Schwink, C. *see* Ambrosi, P. 8-76664
 Schwirzke, F., Oren, L., Talmadge, S., Taylor, R.J. Laser-induced desorption of impurities from the Macrotron Tokamak walls 8-59681
 Schwitters, R.F. *see* Himel, T. 8-78157
 Schwitters, R.F. *see* Jaros, J.A. 8-50042
 Schwitters, R.F. *see* Peruzzi, I. 8-74252
 Schwitters, R.F. *see* Tanenbaum, W. 8-66113
 Schwitz, W. Precision of curved crystal spectrometers. I. Large angle laser interferometer 8-77973
 Schwitz, W., Kern, J., Lanners, R. Precision of curved crystal spectrometers. II. Geometrical aberrations 8-78002
 Schwitz, W. *see* Eichler, R. 8-66695
 Schwitz, W. *see* Kern, J. 8-58251
 Schwob, J.L. *see* Klapisch, M. 8-79470
 Schwochau, K. *see* Koglin, E. 8-82855
 Schwoerer, M. *see* Eichele, H. 8-76355
 Schwoerer, M. *see* Hinkel, H. 8-64257
 Schwutke, G.H. *see* Cizek, T.F. 8-64458
 Schwutke, G.H. *see* Yang, K.H. 8-84094
 Schyndel, A. *see* van see van Schyndel, A.
 Sciamma, D.W. *see* Candelas, P. 8-57572
 Sciammarella, C.A., Chawla, S.K. Holographic-Moire technique to obtain displacement components and derivatives 8-51140
 Sciard, A. Oceanographic research techniques used in survey ships 8-65434
 Scifres, D.R., Burnham, R.D., Streifer, W. Branching waveguide coupler in a GaAs/(GaAl)As injection laser 8-63202
 Scifres, D.R. *see* Streifer, W. 8-59007, 8-59161
 Scintei, N. *see* Berinde, A. 8-78351, 8-82830
 Sciubba, A. *see* Esposito, B. 8-66132
 Sciuilli, F. *see* Barish, B.C. 8-62386, 8-89699
 Sciuilli, F.J. *see* Merritt, F.S. 8-66104
 Sciuto, S. *see* Ademollo, M. 8-49971
 Sciuto, S. *see* Ferrara, S. 8-62313
 Sciuto, S. *see* Girardello, L. 8-93818
 Sciutto, G. *see* Molinari, G. 8-94353
 Sciver, S.W. *see* Van see Van Sciver, S.W.
 Sciver, W.J. *see* Van see Van Sciver, W.J.
 Skopke, N., Paschmann, G. The plasma mantle. A survey of magnetotail boundary layer observations 8-61670
 Skopke, N. *see* Haerendel, G. 8-89010
 Skopke, N. *see* Paschmann, G. 8-61669
 Slater, J.G., Norton, I.O., Dick, H., Woodroffe, D. Tectonic structure and petrology of the Antarctic plate boundary near the Bouvet triple junction 8-53639
 Scoarnec, L. *see* Delamencourt, J.J. 8-59705, 8-67471, 8-87532
 Scobell, W. *see* Koch, J. 8-74548
 Scobell, W. *see* Schroder, V. 8-82354
 Scobie, J. *see* Flynn, M. 8-90037
 Scola, D.A. *see* DiBenedetto, A.T. 8-60641
 Scoles, G. *see* Duquette, G. 8-58764
 Scoles, G. *see* Gough, T.E. 8-86860, 8-89570, 8-90242
 Scoles, G. *see* Rulis, A.M. 8-62867
 Sconza, A. *see* Krenz, W. 8-54624
 Scorer, R.S., Wexler, H. A colour guide to clouds 8-92952
 Scorzelli, R.B., Taft, C.A., Danon, J., Garg, V.K. Quadrupolar and magnetic hyperfine anisotropy in single-crystal potassium dithioferate 8-56408
 Scotoni, I. *see* Faissner, H. 8-70355
 Scott, A. *see* Baker, F.T. 8-70550
 Scott, A. *see* Satchler, G.R. 8-58295
 Scott, A.C. *see* Costabile, G. 8-68115
 Scott, B. *see* James, P.F. 8-88440

- Scott, B.L. *see* De Filippo, C.L. 8-61204
- Scott, C.C., Fensham, P.J. Student and teacher perceptions of the degree of difficulty in a mathematics course 8-57712
- Scott, D., Blackwell, J. The assessment of ball bearing steels of modified chemical composition 8-64732
- Scott, D.H. Mars, highlands-lowlands: Viking contributions to Mariner relative age studies 8-65529
- Scott, D.H. *see* Hoenig, S.A. 8-57100
- Scott, D.K. *see* Doli, P. 8-70558
- Scott, D.K. *see* Gelbke, C.K. 8-74399
- Scott, D.K. *see* KeKelis, G.J. 8-78245
- Scott, D.K. *see* Olmer, C. 8-82379
- Scott, D.M. Approach to scaling of lepton pair production in hadronic collisions 8-82150
- Scott, D.M. *see* Halzen, F. 8-50056, 8-93916
- Scott, D.W. *see* Todd, S.S. 8-91058
- Scott, E.H., Durisen, R.H. Nova-driven winds in globular clusters 8-57596
- Scott, E.R.D., Wasson, J.T., Bild, R.W. Four new iron meteorite finds 8-65571
- Scott, G.D. *see* Kovacs, G.J. 8-92135
- Scott, G.D. *see* Truong, V.V. 8-64423
- Scott, G.W., Cox, A.J. A tunable dye laser in the 400-500 nm range for picosecond spectroscopy 8-82988
- Scott, G.W. *see* Hochstrasser, R.M. 8-86898
- Scott, H.A. *see* Moak, C.D. 8-55066
- Scott, H.A. *see* Roberts, T.J. 8-82392
- Scott, H.G. On the continuous transition between two structure types in the zirconia-gadolinia system 8-68684
- Scott, H.H. *see* Oehlberg, R.N. 8-86639
- Scott, J.C., Etemad, S., Engler, E.M. Magnetic susceptibility of TSeF-TCNQ (tetrakiselenafulvalene-tetracyanoquinodimethane) and its alloys with TTF-TCNQ (tetrathiafulvalene-TCNQ) 8-56287
- Scott, J.C., Palmer, A.W. Pressure dependence of the rise time of laser-triggered spark gaps 8-55764
- Scott, J.C., Palmer, A.W. The production of variable-length subnanosecond light pulses in a laser system 8-94405
- Scott, J.C. *see* Krascicky, P.D. 8-88172
- Scott, J.C. *see* Kulick, J.D. 8-65946
- Scott, J.D., Felps, W.S., Findley, G.L., McGlynn, S.P. Molecular Rydberg transitions. XII. Magnetic circular dichroism of methyl iodide 8-66573
- Scott, J.D., Felps, W.S., McGlynn, S.P. Molecular Rydberg transitions: field effects in the vacuum ultraviolet 8-66561
- Scott, J.F. *see* Fox, D.L. 8-56486
- Scott, J.F. *see* Nee, T.W. 8-71139
- Scott, J.F. *see* Toms, D.J. 8-92072
- Scott, J.L. *see* McHargue, C.J. 8-50257
- Scott, J.S., Cocke, W.J., Chevalier, R.A., Wentzel, D.G. Fermi acceleration and particle pitch angle scattering [cosmic rays] 8-53775
- Scott, J.S. *see* Chevalier, R.A. 8-57606
- Scott, J.S. *see* Christiansen, W.A. 8-93438
- Scott, J.S. *see* Hintzen, P. 8-69889, 8-93434
- Scott, K.T. *see* Cottell, K.R.J. 8-68663
- Scott, M.C. *see* Khadduri, I.Y. 8-58559
- Scott, M.C. *see* White, J. 8-58319
- Scott, M.D. *see* Bird, J.R. 8-62502
- Scott, M.G., Kijek, M., Matyja, H., Williams, D.B., Edington, J.W. Some comments on the microstructure of rapidly quenched Al-Cu alloys [and reply] 8-56668
- Scott, N.A. *see* Chedin, A. 8-85894
- Scott, P.B. *see* Loree, T.R. 8-63082
- Scott, P.B. *see* Sze, R.C. 8-55340, 8-74927, 8-90411
- Scott, P.F. High resolution radio observations of G49.5-0.4 (W51) 8-54065
- Scott, R.A. *see* Dede, M. 8-63363, 8-83316
- Scott, R.D. L-shell ionisation in the α -decay of ^{208}Po 8-78324
- Scott, R.H. Spark elutriation of powders into an inductively coupled plasma 8-68959
- Scott, R.L., Jr. *see* Cross, J.E. 8-70098
- Scott, R.N., Paciga, J.E., Parker, P.A. Operator error in multistate myoelectric control systems 8-81076
- Scott, R.Q. *see* Camley, R.E. 8-80186
- Scott, T.L. *see* Brown, B.S. 8-80109
- Scott, V.D. *see* Love, G. 8-76950
- Scott, V.H. *see* Murty, V.V.N. 8-61463
- Scott, W. Infrared spectra of new acceptor levels in indium- or aluminium-doped silicon 8-67972
- Scott, W., Schmit, J.L. Infrared excitation spectrum of thallium-doped silicon 8-88289
- Scott, W.E. Free-surface breakdown in a rapidly rotating liquid 8-59402
- Scott, W.G. *see* Bell, J. 8-54625, 8-93872, 8-93873
- Scott, W.G. *see* Bosetti, P.C. 8-70357
- Scott, W.T. *see* Chong-Yuan Chen 8-69486
- Scoville, N.Z. *see* Phillips, T.G. 8-57621
- Scozzafava, A. *see* Bertini, I. 8-80206
- Scrapp, T. *see* Burdett, J.K. 8-92492
- Scranton, R.A., McCaldin, J.O. Dissolution of amorphous silicon into solid aluminium 8-95188
- Scriba, H., Heller, F. Measurements of anisotropy of magnetic susceptibility using inductive magnetometers 8-85541
- Scribano, A. *see* Apel', V.D. 8-78223
- Scribner, R.A. One physicist's path to perdition or what's a nice physicist like me doing in a place like this? 8-62044
- Scrimaglio, R. *see* Mach, R. 8-74403
- Scrimger, J.N., Lowe, R.P., Moorhead, J.M., Wehlau, W.H. Observations of NGC 7027 in the near infrared 8-73748
- Scrimshire, D.A. Numerical modelling of the human lungs 8-80911
- Scripnik, N.S. *see* Boos, E.G. 8-62530
- Scrivanti, M. *see* Boschi, M.C. 8-53393
- Scriven, L.E. *see* Manning, C.D. 8-51799
- Scrivener, O. *see* Cressely, R. 8-80315
- Scrosati, B. *see* McKechnie, J.S. 8-93498
- Scrubby, C.B., Wadley, H.N.G. A calibrated capacitance transducer for the detection of acoustic emission 8-71256
- Scrubby, C.B. *see* Wadley, H.N.G. 8-64597
- Scruggs, R.M. *see* Nash, J.F. 8-75163
- Scruton, B., Chojnowski, B. Two phase heat transfer in serpentine geometry boiler tubes at high pressure 8-94077
- Scrutton, L.N. *see* Gotham, K.V. 8-52992
- Scrutton, R.A. Davie fracture zone and the movement of Madagascar 8-65249
- Scudder, D.W. *see* Massey, R.S. 8-51307
- Scudder, D.W. *see* Pietrzyk, Z.A. 8-67384
- Scudder, H.J. Introduction to computer aided tomography 8-73218
- Scudder, J.D. *see* Ogilvie, K.W. 8-85809, 8-96374
- Scudieri, F. Instabilities produced by ultrasounds in liquid crystals 8-91235
- Scudieri, F., Ferrari, A., Fedtchouk, A. Different roll regimes in shear-excited NLC 8-59737
- Scudieri, F., Papa, T., Sette, D., Bertolotti, M. Acoustic emission in liquid crystals 8-91232
- Scudieri, F. *see* Bertolotti, M. 8-75534
- Scull, S.C. A vanishing theorem for fermion fields 8-62314
- Scully, J.C. Stress corrosion crack propagation 8-60884
- Scully, J.C. Mechanism of dissolution-controlled cracking 8-64772
- Scully, J.C. *see* Crouch, I.G. 8-88568
- Scully, M., Sanders, V., Sargent, M., III. Novel multioscillator approach to the problem of locking in two-mode ring-laser gyros 8-79042
- Scully, M. *see* Rogovin, D. 8-88082
- Scully, M.O., Shea, R., McCullen, J.D. State reduction in quantum mechanics: a calculational example 8-77765
- Scully, M.O. *see* Cantrell, C.D. 8-77766
- Scully, M.O. *see* Nee, T.W. 8-71139
- Scully-Power, P. *see* Nysen, P.A. 8-65322
- Scupholme, P.L., Sharkey, J.M. Pollution zones—a workable concept? 8-81383
- Scurlock, R.G., Utton, D.B. The zero mechanical work thermal compressor or pump in the high speed rotating frame 8-57962
- Scurlock, R.G. *see* Islam, M.S. 8-83376
- Scutaru, H. Coherent states and induced representations 8-49713
- Seabaugh, P.W., Rogers, D.R., Fushimi, F.C., Woltermann, H.A., Cramella, A.F. Controllable unit approach to material control 8-82445
- Seaborg, G.T. *see* Keller, O.L., Jr. 8-85121
- Seaborg, G.T. *see* Otto, R.J. 8-66309, 8-70565, 8-74390
- Seaborn, J.B., Weiss, M.S. Particle transfer width in 3D TDHF for $\text{Ca}^{4+} + \text{Ca}^{40}$ 8-74389
- Seagar, A.D. *see* Bates, R.H.T. 8-77492
- Seager, C.H., Castner, T.G. Zero-bias resistance of grain boundaries in neutron-transmutation-doped polycrystalline silicon 8-76072
- Seah, M.P., Dench, W.A. Quantitative electron spectroscopy of surfaces. A standard data base for electron inelastic mean free paths in solids 8-84686
- Seal, A.K. *see* Sarkar, B. 8-60794
- Seal, R.H. *see* Kuroda, R. 8-74725
- Sealy, B.J. *see* Bull, C.J. 8-72036
- Sealy, B.J. *see* Butcher, D.N. 8-76780
- Sealy, B.J. *see* Gecim, S. 8-56154
- Seaman, R.L., Wachtel, H. Slow and rapid responses to CW and pulsed microwave radiation by individual Aplysia pacemakers 8-92675
- Seamans, R.C., Jr., Ordway, F.I. The Apollo tradition: An object lesson for the management of large-scale technological endeavors 8-93071
- Sequist, E.R. *see* Bell, M.B. 8-93397
- Searcy, A.W. *see* Meschi, D.J. 8-63451
- Searcy, A.W. *see* Powell, E.K. 8-80740
- Searle, C.L., Jacobson, J.Z., Rayment, S.G. A phoneme recognition system based on human audition 8-69115
- Searle, C.L. *see* Shelton, B.R. 8-85323
- Searle, C.W. *see* Kunkel, H.P. 8-87739
- Searle, C.W. *see* Maartense, I. 8-68325
- Searle, L. *see* Racine, R. 8-89244
- Searle, L. *see* Shields, G.A. 8-65683
- Searle, P.L. *see* Birrell, K.S. 8-85558
- Searles, S.K. *see* Champagne, L.F. 8-63079
- Searles, S.K. *see* Eden, J.G. 8-63066, 8-63087
- Sears, A.R., Groves, J.N. The use of oscillating laminar flow streaming potential measurements to determine the zeta potential of a capillary surface 8-76873
- Sears, M.B. *see* Witherspoon, J.P. 8-82479
- Sears, R.D. *see* Vondrak, R.R. 8-77390
- Sears, T.A. *see* Bostock, H. 8-73152
- Sears, T.J. *see* Barnes, C.E. 8-90193
- Seaton, M.J. Calculated intensities of He II recombination lines in the ultraviolet 8-94212
- Seaton, M.J. *see* Crees, M.A. 8-86948
- Seaton, M.J. *see* Grewing, M. 8-96524
- Seban, R.A., Faghri, A. Wave effects on the transport to falling laminar liquid films 8-71343
- Sebastian, K.J. Relativistic invariance of the external interaction of a composite system of charged particles with the quantised radiation field 8-74189
- Sebastian, K.L. Green's function in quantum chemistry. I. The Σ perturbation method 8-55123
- Sebastian, K.L. *see* Rangarajan, S.K. 8-82607
- Sebastiani, F. *see* Esposito, B. 8-66132
- Sebening, F. *see* Mender, N. 8-81022
- Sebestyen, A. *see* Vizi, B. 8-62788
- Sebbatu, M. On solitary wave exchange in N-N potentials 8-70457
- Sebbatu, M., Burt, P.B. On two nucleon solitary wave exchange potentials 8-58202
- Sebko, V.P. *see* Aleksin, V.F. 8-51339
- Sebulke, J. The theoretical investigation of resistivity methods for geological prospecting in marine areas 8-65417
- Secheyay, R. *see* Bene, G.-J. 8-73187
- Sechenov, V.A., Son, E.E., Schekotov, O.E. Electrical conductivity of cesium plasma 8-71450
- Sechenov, V.A. *see* Bushmen, A.V. 8-71434
- Sechi-Zorn, B. *see* Esposito, B. 8-66132
- Sechskaryov, A.V., Ovcharenko, V.V. Temperature investigation of the intermolecular resonance interaction in organic crystals in terms of their infrared absorption spectra 8-72506
- Sechkin, V.A. *see* Volovov, V.I. 8-50991
- Sechrist, C.F., Jr. *see* Rowlett, J.R. 8-88955
- Secrest, D. *see* Heil, T.G. 8-78784
- Secroun, C. *see* Monnanteuil, N. 8-82718
- Sedahmed, H.G. *see* Al Taweel, A.M. 8-79339
- Sedakova, L.I. *see* Baikova, S.A. 8-53266
- Sedel'nikov, T.Kh. Self-excitation frequencies of an annular jet 8-94782
- Sedgley, D. Weather via terminals 8-81452
- Sedgwick, R.D. *see* Barber, M. 8-82644
- Sedlacek, R. *see* Suit, H.D. 8-65090
- Sedlak, B., Rotter, M., Simsa, Z. Nuclear magnetic resonance and the problem of valence states in MnFe_2O_4 8-72420
- Sedlmayr, M. *see* Sedlmayr, R. 8-78286
- Sedlmayr, R., Sedlmayr, M., Stock, H. Collective potentials and dipole and quadrupole giant resonances 8-78286
- Sedokov, L.M. *see* Vazhentsev, Yu.G. 8-56694
- Sedov, A., Nariboli, G.A. Burgers's equation for plane and isotropic magnetogasdynamic waves 8-51247
- Sedov, B.M. *see* Guba, B.S. 8-66836
- Sedov, L.V. *see* Lyamshev, L.M. 8-51615
- Sedov, V.K. *see* Ovchinnikov, F.Ya. 8-72984
- Sedov, V.L. Magnetic moments of iron atoms in the FCC lattice of transition d-metals 8-72337
- Sedov, V.V. *see* Neprochnov, Yu.P. 8-57339
- Sedova, F.I. Pc 2-3 pulsations with modulated amplitude 8-69620
- Sedova, G.L. Nonlinear waves and strong discontinuities in ferromagnets 8-74819
- Sedrakyan, D.M., Papoyan, K.V. Sound propagation in an insulating medium at low temperatures 8-71795
- Sedunov, V.K., Men'shikova, T.Ya., Mitrofanov, K.P., Reiman, S.I., Rokhlov, N.I. Structure and phase composition of surface zones of carburized and carbonitrided layers 8-95830
- Sedunov, Yu.S. *see* Ivanov, E.V. 8-50842
- Sedunov, Yu.S. *see* Voloshchuk, V.M. 8-81325
- Sedykh, V.D. *see* Zvonkov, S.D. 8-79968
- Seebass, A.R. *see* Yu, N.J. 8-94763
- Seebass, R., Yu, N.J., Fung, K.-Y. Unsteady transonic flow computations 8-71359
- Seeber, B. *see* Fasol, G. 8-80084
- Seeber, O. On the validity of the master equation for finite closed systems 8-65864
- Seeborg, O. A generalization of the Kawasaki inequality for diffusion constants 8-70076
- Seebrunner, H. *see* Baum, L. 8-89758
- Seed, T.J. *see* Wienke, B.R. 8-59661
- Seeds, M.A., Horan, S. A small image-intensifier spectrograph 8-73647
- Seefeld, K.P., Muller, H., Bassler, H. Energy transfer in amorphous anthracene-tetracene films 8-60505
- Seeger, A. *see* Sestak, B. 8-84946

- Seeger, E. The Zeiss StR 1-3 stereo X-ray comparator: an analytic system for the measurement of X-ray pictures in 3 dimensions 8-92691
- Seeger, K. Nonlinear electronic transport in TTF-TCNQ observed by microwave harmonic mixing 8-91684
- Seeger, K. see Philipp, A. 8-91682
- Seeger, R., Krishnan, R., Pople, J.A. An iterative variational method and its application to configuration interaction 8-55127
- Seeger, R. see Seeger, U. 8-62939
- Seeger, T., Beste, A., Amstutz, H. Elastic-plastic stress-strain behaviour of monotonic and cyclic loaded notched plates 8-63390
- Seeger, U., Seeger, R., Pople, J.A., Schleyer, P. Von R. Isomeric structures of protonated carbon dioxide 8-62939
- Seegobin, S. see Eyre, L.A. 8-73498
- Seehar, G.M. see Curtis, A.S.G. 8-64962
- Seehra, M.S. see Burgardt, P. 8-68369
- Seelen, W. von see von Seelen, W.
- Seelentag, W.W. Physical fundamentals of electroradiography 8-73228
- Seelentag, W.W., Panzer, W. Reciprocity law failure with film/screen combinations for mamography 8-65103
- Seeley, G.W., Roehrig, H., Capp, M., Frost, M.M., Nudelman, S. X-ray image intensifier video system for diagnostic radiology. II. Psychophysical evaluation correlated with system measures 8-73234
- Seely, M.L. see Van Zee, R.J. 8-86890
- Seely, N.T. see Leavitt, M.K. 8-77429
- Seethanen, D., Durif, A. Crystal structure of barium-potassium trimetaphosphate monohydrate: $\text{BaK}_2\text{P}_3\text{O}_{10} \cdot \text{H}_2\text{O}$ 8-51480
- Seethanen, D., Tordjman, I., Averbuch-Pouchot, M.T. Crystal structure of mixed trimetaphosphate of nickel-potassium heptahydrate, $\text{NiK}_2(\text{P}_3\text{O}_{10})_2 \cdot 7\text{H}_2\text{O}$, and crystallographic data of $\text{CoK}_2(\text{P}_3\text{O}_{10})_2 \cdot 7\text{H}_2\text{O}$ 8-79568
- Seetharaman, S. see Zancheva, L. 8-88571
- Sefcik, J.A. see Sawdye, R. 8-58447
- Sefidvash, F. Total neutron cross sections of benzene, diphenyl, Dowtherm-A, meta-, ortho- and para-terphenyl for subthermal energies 8-74779
- Sega, I. see Prolvsek, P. 8-56326, 8-59930, 8-80115
- Segal, G.A., Wetmore, R.W., Wolf, K. Efficient methods for configuration interaction calculations 8-58593
- Segal, G.S. see Runchal, A.K. 8-81380
- Segal, I.E. Correction of erroneous presentation of chromometric redshift theory 8-85839
- Segal, I.E. Statistical analysis of medium-redshift galaxy data. I. Markarian's list of Seyfert-like galaxies 8-86016
- Segal, I.E. see Nicoll, J.F. 8-81683, 8-93455
- Segal, M. see Politch, J. 8-74865
- Segall, B. see Chen, A.-B. 8-91585
- Segall, H.D. see Gates, G.F. 8-77104
- Segall, S.B. Free electron lasers for laser fusion 8-58974
- Segalstad, T.V., Larsen, A.O. Chevkinite and perrierite from the Oslo region, Norway 8-85533
- Segar, D.A., Cantillo, A.Y. Chromatography-atomic spectroscopy combinations. Applications to metal species identification and determination 8-68972
- Segard, B. see Legrand, J. 8-55256
- Segato, G.F. see Giordano, V. 8-74361
- Segedin, C.M., Medland, I.C. The buckling of interbraced columns 8-67064
- Segel, A.W.L. Outline of the Canadian R and D program on the behaviour of CANDU fuel bundles in transients 8-94102
- Segel, R.E. see Zeidman, B. 8-58308, 8-58309
- Segelman, B.S. see Ivanov, V.F. 8-53215
- Segen', V.V. see Samoilov, M.S. 8-74915, 8-82978
- Seger, G., Achatz, M. Determination of medically relevant classes of cells by cluster analysis of scattered-light data 8-92686
- Seger, G. see Turke, B. 8-92749
- Segerman, E. see Ghaffar, A. 8-91261
- Segers, D., Dorikens, M., Dorikens-Vanpraet, L. Temperature dependence of positron annihilation parameters in bismuth 8-76553
- Segev, A. see Bankoff, S.G. 8-94588
- Segev, M. Improved resonance formulas for cross sections of fissile elements 8-74358
- Seggner, H. von see von Seggner, H.
- Seggner, J. see Herion, J. 8-84008
- Seggewiss, W. see Gieseking, F. 8-85975
- Seglar, P. see Canivell, V. 8-86191
- Seglie, E.A. see Ascutto, R.J. 8-94025
- Segoufin, J. see Lefort, J.P. 8-61397
- Segransan, P.J., Chabre, Y., Clark, W.G. Nuclear spin relaxation and the Knight shift of ^{61}Ni metal in the paramagnetic solid and liquid phases 8-76327
- Segre, E. Nuclei and particles. An introduction to nuclear and subnuclear physics, 2nd edition 8-78234
- Segre, E., Grover, J.R., Noyes, H.P. (editor) Annual review of nuclear science, vol.27 8-82263
- Segre, G., Weldon, H.A. A grand unified model with calculable masses 8-89647
- Segre, G. see Kim, J.E. 8-89649
- Segre, G. see Langacker, P. 8-58153
- Segre, S.E. Thomson scattering from current-carrying plasma with Spitzer-Harm electron distribution function 8-51287
- Segre, S.E. The measurement of poloidal magnetic field in a Tokamak by the change of polarization of an electromagnetic wave 8-59683
- Segre, U. see Moro, G. 8-84490
- Seguchi, Y. see Gen, M. 8-63338
- Seguchi, Y. see Shinds, A. 8-63311
- Segui, F. see Lascaray, J.P. 8-95578
- Seguin, H.J.J., Nam, A.K., Tulip, J. The photo-initiated impulse-enhanced electrically excited (PIE) discharge for high-power c.w. laser applications 8-50785
- Seguin, H.J.J., Nam, A.K., Tulip, J. An efficient multielement cathode for high-power electric discharge laser applications 8-82983
- Sehgal, B.R. see Loewenstein, W.B. 8-86624
- Sehgal, L.M. see Rein, D. 8-70353
- Sehrt, B. see Krause, E. 8-89431
- Seibert, G. Spacelab and material processing facilities and experiments 8-53789
- Seibert, G. Spacelab and past and future crystal growth experiments in space 8-80462
- Seibert, G. ESA material science experiments and experimental facilities for the first Space-lab payload 8-88618
- Seibt, E. see Maier, P. 8-52182
- Seid-Rzaeva, S.M. see Mekhtiev, M.A. 8-67974
- Seide, P. Large deflections of rectangular membranes under uniform pressure 8-55560
- Seidel, B.R., Einziger, R.E., Walter, C.M. Th-U metallic fuel: LMFBR potential based on EBR-II driver-fuel performance 8-86608
- Seidel, B.R. see Koenig, J.F. 8-86595
- Seidel, D.B. see Howard, A.Q., Jr. 8-66728
- Seidel, E. see Okrusch, M. 8-96169
- Seidel, H.-D. Ultrasonic dispersion in divalent metal sulphate solutions in the frequency range 3-60 MHz 8-59862
- Seidel, P., Bomas, H., Hoffmann, W. Temperature dependence of the birefringence at the phase transition of $\text{NaNbO}_3\text{P} \rightleftharpoons \text{NaNbO}_3\text{N}$ 8-64331
- Seidel, P., Richter, J. Theoretical investigation of semiconductor barriers for application in Josephson tunnel junctions 8-84360
- Seidel, P. see Richter, J. 8-52102, 8-91818
- Seidel, T.E. see Tseng, W.F. 8-91346
- Seidel, W. see Schilling, K.D. 8-62505
- Seidelmann, U., Soltesz, U., Kordisch, H. Determination of critical stress-intensity factors under mixed mode loading conditions by shadow-optics 8-68868
- Seiden, A. see Bunnell, K. 8-74258
- Seiden, A. see del Papa, C. 8-74264
- Seiden, J. Impurity spin dynamics in magnetic glasses at low frequencies 8-88126
- Seiden, P.E. see Gerola, H. 8-93395
- Seiden, P.E. see Price, D.L. 8-88412
- Seidl, A.A. see Bell, J. 8-54625, 8-93872, 8-93873
- Seidl, E. see Rauch, H. 8-67735
- Seidl, E. see Weber, H.W. 8-80105
- Seidl, M. see Friedman, S. 8-67456
- Seidl, M. see Goldstein, B. 8-91120
- Seidl, R. On problematics of additive segregation in steels 8-84818
- Seidl, W. Methods of experimental determination of stress-intensity factors of simplified geometries of structural parts 8-68866
- Seidman, D.N. see Ayrault, G. 8-52613
- Seidman, D.N. see Ching-Yeu Wei 8-49865, 8-51534
- Seidman, K.M. see Smith, J.G. 8-82190
- Seidov, D.G. Numerical scheme for synoptical eddies in the ocean 8-81190
- Seidov, N.M. see Ragimov, A.M. 8-55958
- Seidov, Z.F. Stability of stellar cores 8-93214
- Seif, F.J. CUSP catastrophe model of pituitary thyrotropic function stimulated by protirelin 8-81095
- Seif El-Nasr, S. see Vegh, J. 8-76965
- Seifert, B., Ullrich, D. Determination of organic pollutants by gas chromatography after cryogenic sampling 8-81468
- Seifert, C. see Reiff, K. 8-72810
- Seifert, G. see Reiff, K. 8-72810
- Seifert, H.J., Kiewisch, B. On the ABr/VBr₂ system (A=Na-Cs, Ti). I 8-72766
- Seifert, K., Steffens, H.-D. Increasing the fracture toughness of 18 Ni-maraging steel weld metal 8-72871
- Seifert, K. see Meyer, L.W. 8-64795
- Seifert, K.E., Verploeg, A.J. Deformational characteristics of experimentally deformed Adirondack anorthosite 8-61399
- Seifert, P. see Hartwig, H. 8-79178, 8-87219
- Seiferth, W. see Truckenbrodt, H. 8-90536
- Seiff, F. see Colpa, J.P. 8-91992
- Seifritz, W. see Behringer, K. 8-94064
- Seifritz, W. see McCombie, C. 8-94109
- Seigrist, M.R., Morgan, P.D., Green, M.R. Self-focusing and defocusing of pump radiation in a far-infrared laser 8-79003
- Seiler, A. see Schlapbach, L. 8-84819
- Seiler, D.G., Barker, J.R., Moore, B.T. New hybrid photoconductivity technique for the investigation of CO₂-laser-induced hot-carrier and free-carrier absorption effects in degenerate n-InSb at 1.8K 8-84254
- Seiler, E. see Musmann, G. 8-85767
- Seiler, E.U. see Brunnee, C. 8-78026
- Seiler, F. see Szaloky, G. 8-78375, 8-78376
- Seiler, R. see Schrader, R. 8-78061
- Seiler, S.W. see Allen, G.R. 8-91127
- Seiler, W., Muller, F., Oeser, H. Vertical distribution of chlorofluoromethanes in the upper troposphere and lower stratosphere 8-73477
- Seiller, J.M., Minn, S. Spatial origin of the electrons in the internal photoemission structure of Au-Si 8-91770
- Seilmeier, A., Kaiser, W., Laubereau, A., Fischer, S.F. A novel spectroscopy using ultrafast two-pulse excitation of large polyatomic molecules 8-94331
- Seinfeld, J.H. see Cormack, D.E. 8-79309
- Seiplier, D., Plefka, T. Influence of the crystal field on the gadolinium electron spin resonance in polycrystalline cubic metals 8-52346
- Seipold, U. see Stiller, H. 8-69337
- Seipp, E. see Jager, H. 8-72736
- Seireg, A. see Grundmann, J. 8-53580
- Seisyan, R.P. see Dolgopolskii, V.P. 8-79938
- Seitz, E. De Haas-van Alphen effect in YAl_2 8-91590
- Seitz, E., Schmatz, W., Bauer, G.S., Just, W. A trigonal distortion field for substitutionally dissolved Bi atoms in Pb 8-51568
- Seitz, E. see Werner, K. 8-95062
- Seitz, P. Ambulatory labour meter with tape recorder 8-85413
- Seitz, W.A. see Wall, F.T. 8-65874, 8-94345
- Sek-Wen Hui see Dorset, D.L. 8-53325
- Seka, W., Bunkenburg, J. Active-passive mode-locked oscillators at 1.054 μm 8-63139
- Seka, W. see Friedman, W. 8-50831
- Sekanina, Z., Schuster, H.E. Meteoroids from Periodic Comet d'Arrest 8-53876
- Sekanina, Z., Schuster, H.E. Dust from Periodic Comet Encke: large grains in short supply 8-85908
- Sekhar, P., Joshi, M.C., Narasimhan, K.L., Guha, S. Ion implantation in amorphous germanium and silicon 8-83839
- Sekher, R., Viswanathan, K.S. Helicon-phonon interaction in metals for parallel wave propagation 8-64054
- Sekhon, S.S., Kamal, R. Mossbauer study in the glass system $\text{PbO}-2\text{B}_2\text{O}_3-\text{Fe}_2\text{O}_3$ 8-59761
- Sekhon, S.S., Kamal, R. Mossbauer study of Fe_2O_3 crystallite formation in B_2O_3 glass 8-68429
- Seki, J., Yamamoto, T. Thermal emission from small interstellar grains with temperature fluctuation 8-69864
- Seki, M., Kawamura, H., Sanokawa, K. Transient temperature profile of a hot wall due to an impinging liquid droplet 8-75050
- Seki, M. see Kimura, H. 8-79468
- Seki, M. see Oshima, M. 8-87688
- Seki, N., Fukusako, S., Hirata, T. Laminar heat transfer downstream of a sudden enlargement of a duct 8-67196
- Seki, N., Fukusako, S., Inaba, H. Heat transfer of natural convection in a rectangular cavity with vertical walls of different temperatures 8-67195
- Seki, N., Fukusako, S., Inaba, H. Heat transfer in a confined rectangular cavity packed with porous media 8-71392
- Seki, R. see Leon, M. 8-55260
- Seki, S. see Matsumoto, H. 8-56285
- Seki, Y. Comparison of optical ringing effects of injection lasers for the internal loss modulation and the direct modulation 8-87081
- Seki, Y. Effect of facet radiator to improve total efficiency of LEDs light coupled to optical fibers 8-90520
- Seki, Y., Watanabe, H., Matsui, J. Impurity effects on grown-in dislocation density of InP and GaAs crystals 8-51543
- Seki, Y. see Iida, H. 8-54872, 8-66414
- Seki, Y. see Kobayashi, T. 8-66830
- Sekiguchi, H. see Makino, T. 8-58623, 8-61486
- Sekiguchi, H. see Osakada, K. 8-52938
- Sekiguchi, H. see Takayama, K. 8-79335
- Sekiguchi, K. see Hiratsuka, H. 8-50563
- Sekiguchi, T. see Kogoshi, S. 8-59650
- Sekiguchi, T. see Yoshino, R. 8-59612
- Sekine, H. Crack problem for a semi-infinite solid with heated bounding surface 8-55610
- Sekine, H. Thermal stresses around a ribbon-like inclusion in a semi-infinite medium under uniform heat flow 8-59303
- Sekine, H., Inoue, K., Tachikawa, K. Structure and superconducting properties of Nb-Zr alloy films made by a high-rate sputtering 8-52138

- Sekine, H.**, Togano, K., Tachikawa, K. Transition temperature and upper critical field of superconducting V-Al/Cu-Ge composite tapes 8-68126
- Sekine, M.** see Kosugi, Y. 8-92759
- Sekine, T.** see Baba, H. 8-57758
- Sekine, Y.** see Nakamura, T. 8-50726
- Sekiya, H.**, Tsunekawa, S., Nishikawa, K., Sado, A. Theory of two-photon absorption 8-74626
- Sekiya, T.**, Matsushita, T. Preparation and formation process of vanadium oxide films by thermal decomposition of vanadium naphthenate 8-88425
- Sekiya, T.**, Nishiyama, G., Hayashi, H., Okuda, H. Vapor phase growth on thin plates of Cr₂O₃ single crystals 8-64450
- Sekiya, T.** see Kishida, K. 8-94069
- Sekiyama, S.** see Yano, O. 8-84518
- Sekkina, M.M.** Abou see Abou Sekkina, M.M.
- Sekoguchi, K.**, Fukano, T., Kawakami, Y., Shimizu, H. Film thickness in gas-liquid two-phase flow. II. Effect of four-rectangular-obstacle inserted into tube 8-87377
- Sekoguchi, K.**, Fukui, H., Miura, H. A sifting method of the void fraction and the bubble density with bubble size in gas-liquid two-phase flow 8-83462
- Sekoguchi, K.**, Hori, K., Nakazatomi, M., Nishikawa, K. On ripple of annular two-phase flow. II. Characteristics of wave and interfacial friction factor 8-67249
- Sekoguchi, K.**, Kawakami, Y., Fukano, T., Shimizu, H. Film thickness in gas-liquid two-phase flow. I. Effect of a ring type obstacle inserted into tube 8-87376
- Sekula, S.T.** Effect of irradiation on the critical currents of alloy and compound superconductors 8-52175
- Sekula, S.T.** see Francavilla, T.L. 8-52130
- Sekula, S.T.** see Kerchner, H.R. 8-52179, 8-56271
- Sekular, R.**, Tynan, P. Rapid measurement of contrast-sensitivity functions 8-56975
- Sekuler, R.**, Armstrong, R. Fourier analysis of polar coordinate data in visual physiology and psychophysics 8-56988
- Sekulic, D.P.** see Baclic, B.S. 8-63490
- Sekulic, M.**, Milosevic, O. The thermoluminescence (TL) of barytes with a large magnitude of total emitted light 8-88368
- Sekulin, R.L.** see Crennell, D.J. 8-82229, 8-89679
- Sekulin, R.L.** see Emms, M.J. 8-89734
- Sekunova, L.M.** Paraxial properties and aberrations of a two-electrode axisymmetric mirror 8-71025
- Selak, S.** Interpretation of the metric tensor components based on possible astrophysical implications 8-93097
- Selander, L.** see Agren, H. 8-82678
- Selander, L.** see Nordgren, J. 8-50558
- Selbach, H.**, Kanert, O. Nuclear magnetic resonance in tellurium single crystals: electron paramagnetism and atomic self-diffusion mechanisms 8-72426
- Selbmann, Ch.** see Kresse, H. 8-52424
- Selby, D.L.** see Sheng-Chi Lin 8-62601
- Selby, K.A.** see Caramanlian, C. 8-77716
- Selden, R.** see Kubat, J. 8-72807
- Selecka, M.** see Sprusil, B. 8-68827
- Selegny, E.**, Langevin, D. Deformable membranes. II. Gas transport through pulsing elastic alveoles. A means for concentration depolarisation 8-85328
- Selenchuk, I.M.** see Sergienko, V.I. 8-73614
- Selenev, Yu.V.** see Bashirov, A.B. 8-64599
- Selenev, Yu.V.** see Fedorova, V.N. 8-64577
- Selenev, J.W.** see Bashirov, A.B. 8-92290
- Selenico, C.O.**, Delaplane, R.G. A refinement of zinc dichloride-hydrochloric acid-water (2:1:2) 8-51488
- Selevan, J.** see Zoble, R.G. 8-92761
- Seleznev, N.N.** see Shelkovnikov, N.I. 8-81205
- Seleznev, S.A.** Physical state of the lipids of erythrocyte membranes 8-80835
- Seleznev, V.A.** see Vereshchagin, I.K. 8-84662
- Seleznev, V.V.** see Gnatovskii, A.V. 8-63147
- Selezov, I.T.**, Yakovlev, V.V. Problems of plane-wave diffraction by a variable-density cylinder 8-50977
- Selezov, I.T.** see Kornilov, I.E. 8-75161
- Self, S.A.** see Collins, L.F. 8-79467
- Selic, H.A.** see Lauppe, W.-D. 8-54668
- Seliga, T.A.**, Bringi, V.N. Differential reflectivity and differential phase shift: applications in radar meteorology 8-57270
- Seliga, T.A.** see Bringi, V.N. 8-53676
- Seliger, J.**, Zagar, V., Blinc, R. ¹⁴N nuclear-quadrupole-resonance study of orientational ordering in the smectic phases of achiral TBBA and chiral TBACA 8-59749
- Seliger, J.** see Blinc, R. 8-76414
- Seliger, J.** see Hadjoudis, E. 8-70849
- Seliger, K.** see Bohmeyer, W. 8-71618
- Seliger, K.** see Gundel, H. 8-71614
- Seligman, T.H.** see Ruch, E. 8-77662
- Selim, A.A.** Nonlinear interaction between longitudinal waves in a magnetized plasma 8-59575
- Selim, E.O.** see Goldman, A. 8-87539
- Selim, F.A.**, Kroger, F.A. Single-crystal CdTe with low absorption at 10.6 μm for use as IR laser windows 8-79081
- Selimov, B.K.** see Vshivtsev, A.S. 8-66729
- Selin, E.** see Standzenieks, P. 8-70686
- Selin, K.I.** see Ciscato, D. 8-58497
- Selin, K.I.** see Mondino, P.L. 8-66391
- Selin, Yu.I.** see Kazandzhan, B.I. 8-56164
- Selinger, B.K.**, Watkins, A.R. Distributional effects on excimer formation in micellar surfactant solutions 8-64855
- Selishcheva, A.A.**, Obraztsov, V.V., Kozlov, Yu.P. Effect of phospholipids of different nature on the structure of ferricytochrome c 8-68981
- Seliskar, C.J.** see Khalil, O.S. 8-58604
- Selivanov, A.S.**, Chemedanov, V.P., Suvorov, B.A., Naraeva, M.K., Sinelnikova, I.F., Bondarenko, R.S., Seregin, V.I. Optical-mechanical scanners for Earth observation 8-96321
- Selivanov, V.I.** see Ivanter, I.G. 8-88245
- Selivanov, V.P.** see Bubro, K.K. 8-86279
- Selivanova, L.F.** see Bykhovskaya, L.N. 8-51391
- Seliverstov, D.M.** see Vol'nin, E.N. 8-74370
- Sel'kin, A.V.** see Mashlyatina, T.M. 8-64380
- Sel'kov, Ye.Ye.** see Kaimachnikov, N.P. 8-64950
- Sell, R.E.** see Holt, J.G. 8-53505
- Sell, W.** see Crombie, D.D. 8-77242
- Sellam, R.**, Kakiuchi, S., Mazaki, H. Measurement of very large resistances for the insulation of radiation detectors 8-77929
- Sellar, J.R.** see Hurley, A.C. 8-83663
- Sellar, J.R.** see Moodie, A.F. 8-83674
- Sellers, C.M.** Recrystallization of metals during hot deformation 8-68714
- Sellers, C.M.** see Twiss, R.J. 8-85715
- Seller, S.E.** see Wilson, A.J. 8-77053
- Sellers, B.** see Hanser, F.A. 8-73522
- Sellers, H.L.**, Schafer, L., Bonham, R.A. Comment and evaluation concerning some partial wave electron scattering factors frequently used in gas electron diffraction 8-86963
- Sellers, R.L.** see Proni, J.R. 8-81177
- Sellgren, K.** see Nadeau, D. 8-93315
- Sellin, A. (editor)** Structure and collisions of ions and atoms 8-74554
- Sellin, I.A.** Extensions of beam foil spectroscopy 8-74758
- Sellin, I.A.**, Mowat, J.R. Many-electron transitions in violent encounters of highly ionized ions with atoms and molecules 8-90274
- Sellin, I.A.** see Bashkin, S. 8-78655
- Sellin, I.A.** see Laubert, R. 8-84692
- Sellin, I.A.** see Suter, M. 8-78796
- Sellin, I.A.** see Vane, C.R. 8-55222
- Sellmeijer, H.** see Yamamoto, T. 8-67208
- Sellmyer, D.J.** see Domb, E.R. 8-56335
- Sellmyer, D.J.** see Gerber, J.A. 8-68190
- Sellmyer, D.J.** see Gruzalski, G.R. 8-68273, 8-95432
- Sellmyer, D.J.** see Patterson, J.D. 8-80112
- Sellmyer, D.J.** see Tsai, T.H. 8-68184
- Selloni, A.**, Schwendemann, P., Quattropiani, A., Baltes, H.P. Open-system theory of photodetection: dynamics of field and atomic moments 8-70185
- Sellschop, J.P.F.** see Carter, J. 8-54796
- Selmi, A.** see Goldstein, L. 8-68039
- Selmke, M.** see Viehues, H. 8-71797
- Selonke, F.** see Darden, C.W. 8-62415, 8-93895
- Selove, W.** see Corcoran, M.D. 8-70417
- Selph, F.B.** see Grunder, H.A. 8-90003
- Selten, Th.A.J.** see Ysenbrandt, H.J.B. 8-80996
- Seltman, M.**, Seltman, P.E.J. Growth processes and formal logic: comments on history and mathematics regarded as combined educational tools 8-77639
- Seltman, P.E.J.** see Seltman, M. 8-77639
- Seltz, R.** see Berrier-Ronsin, G. 8-50089
- Seltz, R.** see Vergnes, M. 8-86532
- Seltz, R.** see Warde, E. 8-58233
- Seltzer, S.** see Sack, R.A. 8-64925
- Seltzer, S.M.** see Dyer, C.S. 8-85822
- Seltzer, S.M.** see Lo I Yin 8-92701
- Seltzer, S.M.** see Yin, L.I. 8-85375
- Selvaduray, G.**, Goldstein, M.K., Anderson, R.N. Separation technologies reviewed 8-89965
- Selvaggi, G.** see Anelli, E.F. 8-82585
- Selvaggi, G.** see Cutts, D. 8-78380, 8-89746
- Selvarajan, A.** see Nathan, S.S. 8-88593
- Selvelli, P.L.** see Boggess, A. 8-96383
- Selvelli, P.L.** see Heap, S.R. 8-96474
- Selwyn, L.**, Back, R.A., Willis, C. The decomposition of ethanol vapour by infrared radiation from a pulsed HF-laser 8-85176
- Selwyn, L.** see Sanctuary, B.C. 8-94259
- Selyavin, G.F.** see Dorfman, A.Sh. 8-75133
- Selyavo, A.L.** see Balatskii, K.K. 8-56687
- Selyuk, B.V.** Phenomenological theory of electret effects in ferroelectrics 8-88260
- Selyutin, G.Ya.** Anomaly of width and lineshape of light absorption in magnetic crystals 8-76499
- Selzer, P.M.**, Huber, D.L., Barnett, B.B., Yen, W.M. Fluorescence-line-narrowing and energy-transfer studies in ruby 8-84642
- Selzle, H.L.** see Kuttner, H.G. 8-78743
- Sem, G.J.** Respirable ambient aerosol mass concentration measurement with a battery-powered piezobalance 8-69518
- Semak, D.G.**, Fikineshi, A.A., Mikhail'ko, I.P. The electron mechanism of photo-induced changes in chalcogenide glasses 8-87998
- Semak, D.G.** see Vlasov, V.I. 8-71170
- Semakin, I.G.** Hydrodynamic stability of convective flow of a non-Newtonian fluid in a vertical layer 8-59430
- Seman, V.**, Kuznetsov, A. Electron paramagnetic resonance of chromium in calcium sulphate 8-91946
- Semashko, N.A.** see Novikov, I.I. 8-51698
- Semchishen, V.A.** see Brunner, W. 8-50791
- Semena, M.G.**, Baturkin, V.M., Rassamakin, B.M. Steady-state and starting characteristics of a heat pipe with a wickless tank 8-79187
- Semena, M.G.**, Zaripov, G.K. Investigation of the effective thermal conductivity of metal-fiber wicks in low-temperature heat pipes 8-83217
- Semena, M.G.** see Shcherbakov, V.K. 8-75197
- Semenchenko, V.K.** see Bodnar, I.T. 8-83945
- Semenenko, A.I.**, Semenenko, L.V., Mardezhov, A.S., Svitashov, K.K. Determination of the thickness of dielectric films using an ellipsometer with a non-monochromatic radiation source 8-51862
- Semenenko, A.I.** see Mardezhov, A.S. 8-93753
- Semenenko, A.I.** see Svitashov, K.K. 8-56449
- Semenenko, L.V.** see Algazin, Yu.B. 8-49885
- Semenenko, L.V.** see Mardezhov, A.S. 8-93753
- Semenenko, L.V.** see Semenenko, A.I. 8-51862
- Semenenko, L.V.** see Svitashov, K.K. 8-56449, 8-62219
- Semenenko, V.E.** see Ivanov, I.G. 8-92262
- Semeniuk, I.**, Kruszewski, A., Schwarzenberg-Czerny, A., Chlebowski, T., Mikolajewski, M., Wolczyk, J. Photometric observations of Nova V1500 Cygni 8-61862
- Semenov, A.A.** see Arsen'yant, T.I. 8-50706
- Semenov, A.P.**, Volkov, A.V. Testing steel with an X-ray television system based on X-ray vidicons 8-72977
- Semenov, A.S.** see Kurbatov, V.M. 8-89537
- Semenov, A.T.** see Baranova, L.I. 8-50949
- Semenov, B.G.** see Chutonov, K.A. 8-84775
- Semenov, B.G.** see Yatsenko, S.P. 8-56615
- Semenov, B.I.**, Khanin, E.I., Markevich, Yu.B. Studying crystallisation conditions and structuring of aluminium matrix during production of cast composite braids 8-52725
- Semenov, B.N.** Register mechanism for a semi-automatic measuring instrument for deduction of camera photographs 8-78575
- Semenov, E.K.** see Kornyshev, O.G. 8-61528
- Semenov, E.N.** see Mel'nikov, I.V. 8-95892
- Semenov, G.I.** see Kalashnikov, S.P. 8-50738
- Semenov, G.M.**, Demina, S.I. Inspecting the quality of the contact joints of stacked semiconductor power devices 8-76819
- Semenov, L.P.** see Almaev, R.Kh. 8-58911
- Semenov, L.S.** see Alekseev, V.V. 8-61587
- Semenov, N.N.**, Koblova, O.E., Dikov, Yu.P., Gai, A.P. The chemical composition and structure of the surface layer of glass colored by an electrochemical method 8-84758
- Semenov, N.N.** see Esin, O.Yu. 8-88582
- Semenov, O.G.** see Aleksandrov, A.A. 8-83620
- Semenov, O.G.** see Veretennikov, V.A. 8-74527
- Semenov, V.I.** see Avdienko, K.I. 8-95575
- Semenov, Ya.A.** The effect of hydrostatic pressure on stresses in epitaxial lead sulphide on rock salt substrate 8-51831
- Semenov-Ezhov, I.E.**, Starshin, V.I. Use of different design and experimental methods to solve axisymmetric elasticity theory problems 8-73853
- Semenova, E.L.** see Eremenko, V.N. 8-80540
- Semenova, E.L.** see Kolomiets, L.L. 8-84804
- Semenova, N.G.** see Banilova, E.B. 8-50973
- Semenova, T.F.**, Rozhdestvenskaya, I.V., Frank-Kamenetskii, V.A. Refinement of the crystal structure of tetraferriphlogopite 8-79594
- Semenova, Z.V.** see Pelyashev, E. 8-59950
- Semenova-Tyan-Shanskaya, A.S.** see Bokii, G.B. 8-82001
- Semenova-Tyan-Shanskaya, A.S.** see Genshaft, Yu.S. 8-84994
- Semenovskaya, S.V.** Effect of correlation on the X-ray diffuse scattering 8-71640
- Semenovskaya, S.V.**, Smirnova, A.A., Kitaigorodskii, A.I. Use of diffuse scattering of X-rays to study the short-range order and molecular interactions in tolan-mercury diphenyl solid solutions. I. Analysis of diffusely scattered intensity distribution 8-95048

- Sementsov, Yu.I.**, Khar'kov, E.I., Vavilina, L.Yu. Effect of grain boundary scattering on temperature dependence of electroresistivity of nonequilibrium graphites 8-56148
- Semenyuk, N.P.** Equations of the geometric nonlinear theory of shells of the Timoshenko type 8-63283
- Semenyuk, V.A.** Efficiency of cooling thermoelectric elements of arbitrary shape 8-67010
- Semenyuk, V.A.** Selecting semiconductor materials for thermocouples 8-73990
- Semenyuk, V.F.** see Gromov, S.N. 8-75384
- Semenyuk, V.V.**, Plenyuk, M.P. General temperature fields in solid homogeneous spherical bodies 8-90710
- Semenzato, R.** see Cazzola, P. 8-49668
- Semerano, G.** see Bertoluzza, A. 8-80330
- Semerchan, A.A.** see Malikova, Zh.G. 8-56679
- Semerchan, A.A.** see Sadkov, Yu.A. 8-49856
- Semerdzhyan, B.O.** see Kastal'skii, A.A. 8-92122
- Semet, M.P.** see Giletti, B.J. 8-69325
- Semet, M.P.** see Jambon, A. 8-53649
- Semetskiy, R.B.** see Demin, B.N. 8-69480
- Semikov, G.T.** see Andreev, A.M. 8-94839
- Semiletov, S.A.**, Imamov, R.M., Zav'yalova, A.A., Kachurina, E.E., Sukhodreva, I.M., Anokhin, B.G. Structure of tungsten and molybdenum films deposited from the gas phase in the low-temperature pyrolysis of carbonyles 8-72039
- Semiletov, S.A.** see Rakova, E.V. 8-79907
- Semin, S.I.** see Vitola, V.Kh. 8-76056
- Semin, S.P.** see Olkhov, O.A. 8-88193
- Semina, L.A.** see Gonchar, N.A. 8-76987
- Seminara, G.** see Prosperetti, A. 8-90947
- Seminozhenko, V.P.** Selfblocking of tunnel current and current-voltage characteristics of S-I-S tunnel junctions 8-95397
- Semioshchikina, N.A.** see van Burck, U. 8-60361
- Semirikov, I.S.** Capacitive cylindrical dispersion field transducers for examination of loose materials 8-85078
- Semiusev, G.G.** A localizing perimeter 8-85442
- Semkin, V.N.** see Belousov, M.V. 8-88309
- Semmingsen, D.** see Shapiro, S.M. 8-79696
- Semmler, W.** see Rinneberg, H. 8-55892
- Semochkin, P.N.** see Klimov, I.I. 8-71222
- Semonian, B.P.**, Lubkowitz, J.A., Rogers, L.B. Positive pressure column for solvent cleanup of chromatography 8-73092
- Semonin, R.G.** see Changnon, S.A., Jr. 8-77294
- Semyonov, V.E.** see Gil'denburgh, V.B. 8-67513
- Sen, A.**, Karney, C.F.F., Bers, A. Two-dimensional depletion of a lower hybrid pump by quasi-mode excitations 8-67344
- Sen, A.** see Bujarbaru, S. 8-69602
- Sen, A.** see Guddar, P.N. 8-67362
- Sen, A.K.** Dynamic feedback for multi-mode plasma instabilities 8-79419
- Sen, A.K.** see Dixon, D.P. 8-51297, 8-51350
- Sen, D.** see Gopala Rao, R.V. 8-75515, 8-75530
- Sen, K.D.** Slater transition-state calculations of multi-electron X-ray transition energies 8-90110
- Sen, K.D.**, Narasimhan, P.T. Sternheimer shielding factors for atomic quadrupole moments: $np(n+1)s$ configuration of C, Si, Ge, Sn, and Pb 8-82630
- Sen, P.** Effect of annealing on grain size of copper films 8-72015
- Sen, P.**, Athreya, K.B. On stochastic approximation procedures in continuous time 8-69969
- Sen, P.**, Cheng, L.J. Positron annihilation studies on molybdenum irradiated with neutrons at temperatures from 350°C to 1000°C 8-55894
- Sen, P.** see Burman, C. 8-62509
- Sen, P.K.** see Guha, S. 8-51997
- Sen, P.N.** see Galeener, F.L. 8-51635
- Sen, R.** On visco-elastic free convection boundary layer flow past an infinite plate with constant suction 8-90936
- Sen, R.N.** Theory of symmetry in the quantum mechanics of infinite systems. I. The state space and the group action 8-93552
- Sen, R.N.** Theory of symmetry in the quantum mechanics of infinite systems. II. Isotropic representations of the Galilei group and its central extensions 8-93553
- Sen, S.**, Lefever, R.A., Wilcox, W.R. Influence of magnetic field on vertical Bridgman-Stockbarger growth of $\text{In}_{0.4}\text{Ga}_{0.6}\text{Sb}$ 8-60565
- Sen, S.**, Sen Gupta, S.P. An X-ray diffraction study on the lattice imperfections in vapour-deposited FCC (Ag-4.5 at. % Ge) alloy films 8-72032
- Sen, S.**, Wilcox, W.R. Non-constant distribution coefficients for directionally solidified InSb-GaSb 8-76641
- Sen, S.**, Wilcox, W.R., Lefever, R.A. Annealing of $\text{In}_{0.4}\text{Ga}_{0.6}\text{Sb}$ ingots 8-56669
- Sen, S.** see Chaturvedi, S.N. 8-78342
- Sen, S.** see Ghosh, G. 8-54405
- Sen, S.** see Nakamura, H. 8-89884
- Sen, S.** see Nandi, R.K. 8-75966
- Sen, S.K.** Uniform shear flow past a cylinder of section bounded by two circular arcs 8-94658
- Sen, S.K.**, Shamim, A.A. Integral solution of linear equations using integer arithmetic 8-69960
- Sen, S.N.** see Ghosal, S.K. 8-51374, 8-55719
- Sen, Z.** The small sample estimation of h 8-61467
- Sen, Z.** The small sample expectation of population and adjusted ranges 8-61468
- Sen, Z.** The small sample expectation of rescaled population and rescaled adjusted ranges 8-61469
- Sen Gupta, H.M.** see Hall, S.J. 8-58280
- Sen Gupta, H.M.** see Roy, J.N. 8-86478
- Sen Gupta, P.** see Vaid, R.P. 8-91005
- Sen Gupta, S.** see Roy, C.L. 8-53770
- Sen Gupta, S.P.** see Nandi, R.K. 8-51394, 8-75966
- Sen Gupta, S.P.** see Sen, S. 8-72032
- Sen Nguyen Van** see Nguyen Van Sen
- Senashenko, V.S.** see Mishchenko, T.V. 8-55241
- Senashenko, V.S.** see Safronova, U.I. 8-58775, 8-78670
- Senator, T.E.** Profile of non-PhD physicists 8-62035
- Senator, T.E.** see Dreher, P.A. 8-61966
- Senba, K.** see Ezawa, Y. 8-93888
- Senbetu, L.** Effect of ^3He impurities on the structure of quantized vortex lines and the lifetime of negative ions trapped on vortices 8-84022
- Senbetu, L.**, Chia-Wei Woo Theory of smectic A: a molecular model containing steric effects 8-67646
- Seence, D.** The effects of 'post-collision interactions' on near-threshold measurements of autoionising states in Ne_2 from scattered electron spectra 8-58819
- Senchenkov, E.P.** see Zanevsky, Yu.V. 8-77174
- Senchenkov, I.K.**, Karnaukhov, V.G. Variational principles of linearized viscoelasticity theory 8-87279
- Senchishin, V.G.** see Biteman, V.B. 8-76530
- Senchuro, I.N.**, Shavrin, P.I. Radiation-environment study by artificial Earth satellites in semisynchronous orbits during 1965-1971 8-96350
- Send, R.E.** see Gentner, J.O. 8-84541
- Sendeckiy, G.P.** see Nuismer, R.J. 8-59345
- Sendulesku, A.** see Gupta, R.K. 8-86548
- Senegacnik, M.** see Kobal, I. 8-80786
- Senff, I.** see Arsenov, P.A. 8-63160
- Seng-Lip Lee** see Morino, S. 8-75083
- Senga, A.** see Sakka, S. 8-52594
- Sengers, J.V.**, Moldover, M.R. Two-scale-factor universality near the critical point of fluids 8-55936
- Sengoku, S.** see Kimura, H. 8-79468
- Sengoku, S.** see Nagami, M. 8-86685
- Sengoku, S.** see Odajima, K. 8-86684
- Sengoku, S.** see Ohashi, K. 8-59691
- Sengor, A.M.C.** see Burke, K. 8-96183
- Sengupta, A.K.**, Jagannathan, K.P., Ghosh, A. Thermodynamic measurements in liquid copper-tin alloys 8-52765
- Sengupta, D.**, Ghosh, P.K. Transfer matrix approach to surface states 8-95321
- Sengupta, K.**, Roy, S.B. Dielectric relaxation in 1,3 dithalobutylpropanes in the liquid state 8-60383
- Sengupta, K.**, Roy, S.K., Roy, S.B. Microwave absorption and internal rotation in some dicyanoalkanes in benzene solution. I 8-60385
- Sengupta, K.** see Roy, S.K. 8-60386
- Sengupta, M.K.**, Julian, B.R. Radial variation of compressional and shear velocities in the Earth's lower mantle 8-73316
- Sengupta, P.**, Chakravorty, J.N. On the theory of transmission lamellar grating 8-74981
- Sengupta, P.** see Ghosh, K.P. 8-74982
- Sengupta, P.K.** see Aggarwal, M.M. 8-58173
- Sengupta, P.R.** see Acharya, D. 8-67077
- Sengupta, P.R.** see Banerji, D.K. 8-51107
- Sengupta, P.R.** see Bhattacharyya, S. 8-79247
- Sengupta, S.** Meso-scale accentuations in the Indian southwest monsoon field consequent upon exceptionally heavy rains 8-85629
- Sengupta, S.** see Basu, A.N. 8-59888
- Sengupta, S.** see Das, S.K. 8-75738
- Sengupta, S.** see Mehta, S.K. 8-53511
- Sengupta, S.** see Saha, S.C. 8-86821
- Sengupta, S.** see Sarkar, S.K. 8-51620, 8-67775
- Senin, A.** see Raiteri, F. 8-79498
- Senior, G.S.** Polymeric coatings 8-72914
- Senior, M.** see Champion, J.V. 8-95567
- Senior, T.B.A.** Skew incidence on a right-angled impedance wedge 8-90346
- Senitzky, I.R.** Sidebands in strong-field resonance fluorescence 8-55139
- Senjanovic, G.** Radiative corrections to parity violation in atoms in an $\text{SU}(3) \times \text{U}(1)$ gauge theory 8-62402
- Senjanovic, G.**, Sokorac, A. Left-right symmetric gauge theory and its prediction for parity violation in atoms 8-74144
- Senjanovic, G.** see Mohapatra, R.N. 8-93791
- Senju, H.** Large P_1 hadron production, related processes and a composite model of quarks 8-62472
- Senju, H.** On momentum distributions of quarks inside hadrons 8-74209
- Senkiw, K.** see Hughes, A.E. 8-83690
- Senkow, W.S.** see Lawrenko, W.A. 8-51825
- Senn, H.V.** Sailplane flights through funnel clouds 8-69396
- Senn, W.** see Chang, P.H. 8-92085
- Senn, W.** see Grimdsch, M. 8-72538
- Senn, W.** see Winterling, G. 8-80354
- Senna, M.** Difference in the transformation processes of pressed and vibro-milled $\gamma\text{-Fe}_2\text{O}_3$ to $\alpha\text{-Fe}_2\text{O}_3$ 8-84798
- Senna, M.** see Imai, H. 8-83941
- Senogoku, S.** see Nagami, M. 8-79411
- Senoo, Y.**, Kawaguchi, N., Nagata, T. Swirl flow in conical diffusers 8-63474
- Senoussi, S.** see Hamzi, A. 8-76053, 8-91665
- Sens, A.F.C.** see Borghi, C.A. 8-91166
- Sens, J.C.** see Singh, J. 8-93910
- Sens, J.C.** see Yoh, J.K. 8-82344
- Senske, W.**, Street, R.A., Nowitzki, A., Wiesner, P.J. Luminescence of excitons in GeS 8-52555
- Sentek, J.** Design of multi-screen flow expanders for noise reduction 8-63236
- Sentman, D.D.**, Goertz, C.K. Whistler mode noise in Jupiter's inner magnetosphere 8-89112
- Sentman, D.D.**, Van Allen, J.A., Goertz, C.K. Correction to 'Recirculation of energetic particles in Jupiter's magnetosphere' 8-89108
- Sentman, L.H.** Chemical laser power spectral performance: a coupled fluid dynamic, kinetic, and physical optics model 8-79040
- Sentsui, S.** see Yoshida, K. 8-68667
- Senturk, H.S.** see Enustun, B.V. 8-75908
- Sentz, A.**, Pyee, M., Gastaud, C., Auvray, J., Letur, J.P. Construction of parallel grids acting as semitransparent flat mirrors in the far infrared 8-71188
- Senyey, A.**, Widder, K., Czerlinski, G. Magnetic guidance of drug-carrying microspheres 8-73188
- Seo, K.** Hadron mass spectrum in a lattice gauge theory 8-74139
- Seo Lee, M.** see Dickinson, A.S. 8-66629
- Seong Yun Kim** see Soo Hyun Suh 8-54818
- Seoudi, B.** see Doyennette, L. 8-86934
- Sepangi, H.R.** see Irving, A.C. 8-78176
- Sepman, V.Yu.** see Bezuglov, N.N. 8-55227
- Sepp, W.D.** see Cheng, K.T. 8-55262
- Sepp, W.D.** see Kolb, D. 8-50211
- Sepps, W.D.** see Lutz, H.O. 8-78793
- Sequeira, A.**, Momin, S.N., Rajagopal, H., Soni, J.N., Chidambaram, R., Kumar, D., Ramana Rao, A., Gopu, V.M. An on-line TDC-312 computer-controlled neutron diffractometer 8-55787
- Sequeira, C.A.C.**, Hocking, M.G. Polarization measurements on solid platinum-molten sodium sulphate-sodium chloride interfaces 8-68898
- Serabian, S.**, Williams, R.S. Experimental determination of ultrasonic attenuation characteristics using the Roney generalized theory 8-88596
- Serafetinides, A.** see Slade, P.D. 8-55371
- Serafimov, L.A.** see Kuznechikov, V.A. 8-65887
- Serafin, R.J.** see Baynton, H.W. 8-61594
- Seraphin, B.O.** see Donnadieu, L. 8-63168
- Seraphin, L.** see Blanc, G. 8-68648
- Serban, V.** Stochastic model for antiseismic calculation 8-96139
- Serbanovic, J.** see Obradovic, M. 8-78590
- Serbin, V.I.** see Kaplan, V.B. 8-71551
- Serbodov, M.V.** see Dobryakov, S.N. 8-90101
- Sercely, R.R.**, Peterson, R.J., Flynn, E.R. $^{14}\text{C}(t,p)^{16}\text{C}$ reaction at 24 MeV 8-78392
- Serdobol', O.Yu.** see Zagari, N.P. 8-67774
- Serduke, F.J.D.** see Monahan, J.E. 8-66194
- Serdyuk, V.A.** see Marchenko, V.I. 8-84576
- Serebrennikov, N.A.** see Bodunova, M.B. 8-56673
- Serebrennikov, I.Ya.** Calculation of γ -ray backscattering from an interface 8-85106
- Serebrennikov, V.L.**, Moskaliev, A.K. High-pressure chamber for nuclear quadrupole measurements on ISSH-1 spectrometer 8-86308
- Serebrennikov, V.L.** see Aleksandrov, K.S. 8-51664
- Serebrennikov, V.L.** see Shabanov, V.F. 8-68515
- Serebrennikov, V.L.** see Shirokov, A.M. 8-52453
- Serebrennikov, Yu.A.** see Minaev, B.F. 8-68542
- Serebrova, T.S.** see Kravtsov, A.V. 8-93902
- Serebryakov, B.Ye.** see Mikhaylov, A.V. 8-69577
- Serebryakov, V.A.** see Sharlai, S.F. 8-55402
- Serebryakov, V.A.** see Sokolova, R.S. 8-83108

- Serebryakov, V.G.**, Estrin, E.I. Supercooling of martensite 'burst' transformation in single-crystal Fe-Ni alloys 8-84806
- Serebryakov, V.V.** *see* Budnev, V.M. 8-89722
- Serebryakova, N.A.** *see* Aleksandrov, V.N. 8-92100
- Serebryanaya, P.M.** *see* Kropachev, E.P. 8-69286
- Serebryanskaya, T.Ya.** *see* Grin, V.P. 8-61348
- Sereda, E.M.**, Izhakevich, E.M. Photographic positional observations of Mars with the 400 mm astrograph at the Main Astronomical Observatory of the Ukrainian Academy of Sciences (1971-1972) 8-93137
- Sereda, E.M.** *see* Vinnikova, E.B. 8-93135
- Sereda, P.J.** *see* Davison, J.I. 8-53062
- Seredenko, E.V.** *see* Roife, I.M. 8-87476
- Seredjuk, Z.L.** *see* Lenjuk, M.P. 8-54317
- Seredynski, J.** *see* Kubler, O. 8-70231
- Seregin, V.I.** *see* Selivanov, A.S. 8-96321
- Seregina, E.A.** *see* Piksaikin, V.M. 8-86564
- Seregina, V.G.** *see* Vlasov, V.V. 8-67013
- Serene, J.W.**, Rainer, D. Response theory for superfluid ^3He 8-67883
- Serene, J.W.** *see* Fomin, I.A. 8-51775
- Serene, J.W.** *see* Samalam, V.K. 8-79845
- Serene, J.W.** *see* Sauls, J.A. 8-57571
- Serensen, S.**, Makhutov, N., Romanov, A. Crack propagation at high temperature under low cycle loading 8-60838
- Seres, L.**, Zalotai, L., Marta, F. Molar heat capacities described more accurately 8-85188
- Serezhin, V.M.** *see* Asratyan, A.E. 8-62389
- Sergeenko, V.P.** *see* Fedorov, A.I. 8-50764
- Sergeev, A.B.** *see* Alyab'ev, B.V. 8-59136
- Sergeev, A.M.** *see* Litvak, A.G. 8-63561
- Sergeev, G.B.** *see* Stepanov, N.F. 8-58763
- Sergeev, G.T.** *see* Litovchenko, N.A. 8-60881
- Sergeev, J.G.** The estimation of the highest possible streamer velocity 8-67593
- Sergeev, N.A.** *see* Moskvich, Yu.N. 8-91979
- Sergeev, N.M.** *see* Mamaev, V.M. 8-86917
- Sergeev, P.A.** *see* Polak, L.S. 8-63624
- Sergeev, S.A.** *see* Delyagin, N.N. 8-82560
- Sergeev, S.I.**, Popov, O.M., Vishnev, I.P. Thermally induced oscillations of helium in cryogenic apparatus 8-67875
- Sergeev, V.G.** *see* Bokov, A.G. 8-94360
- Sergeev, V.L.** *see* Sergeeva, L.A. 8-81969
- Sergeev, V.P.**, Sergeev, V.V., Gerasimov, F.M. Opto-electronic servosystem for correcting the nonrectilinearity of the motion of the carriage of a ruling engine 8-87174
- Sergeev, V.P.** *see* Gurevich, L.I. 8-59817
- Sergeev, V.P.** *see* Zhdanova, V.V. 8-87797
- Sergeev, V.V.** *see* Bryantsev, V.Ya. 8-60311
- Sergeev, V.V.** *see* Sergeev, V.P. 8-87174
- Sergeev, Yu.A.** *see* Gupalo, Yu.P. 8-83499
- Sergeev, Yu.A.** *see* Kuz'min, G.I. 8-89952
- Sergeev, Yu.L.**, Karpov, L.G., Vilesov, F.I., Lisachenko, A.A. Estimate of the upper limit on the quantum yield of photoion emission in the vacuum-UV region [photodesorption] 8-79896
- Sergeeva, A.I.** Metrological characteristics of optical planimeter IS-41M 8-79148
- Sergeeva, L.A.**, Sergeev, V.L. Simple method for measuring a variable heat flux 8-81969
- Sergeeva, L.M.** *see* Andreev, A.M. 8-94839
- Sergeeva, L.M.** *see* Shilov, V.V. 8-51452
- Sergeeva, L.M.** *see* Zelikman, A.N. 8-53018
- Sergeeva, T.S.** *see* Krylov, Yu.I. 8-60638
- Sergeeva, V.M.** *see* Gulubkov, A.V. 8-91334
- Sergeeva, V.M.** *see* Zhukova, T.B. 8-91618
- Sergeicheva, L.N.** *see* Lange, Yu.V. 8-53086
- Sergent, M.**, Chevrel, R., Rossel, C., Fischer, O. On the superconductivity of PbMo_6S_8 and the series $\text{M}_2\text{PbMo}_6\text{S}_8$ and $\text{M}_x\text{Pb}_{1-x}\text{Mo}_6\text{S}_8$ 8-52119
- Sergent, M.** *see* Guerin, R. 8-63723
- Sergent, M.** *see* Perrin, C. 8-67691
- Sergeyenko, O.S.** *see* Belyi, V.V. 8-73569
- Sergeyev, V.A.** *see* Pudovkin, M.I. 8-69576
- Sergeyeva, N.A.** *see* Kalinin, V.A. 8-85512
- Sergeyeva, N.S.** *see* Vladimirov, Yu.A. 8-80836
- Sergeyevskiy, E.D.** *see* Konyukh, L.A. 8-91031
- Sergienko, A.F.** *see* Maksimov, A.I. 8-59694, 8-59695
- Sergienko, A.I.** *see* Davydov, A.S. 8-68990
- Sergienko, A.S.**, Fokov, A.A. Calculation of characteristics of a direct-current argon arc 8-67457
- Sergienko, I.V.** *see* Okhrimenko, M.G. 8-54165
- Sergienko, S.A.** *see* Sergienko, V.I. 8-73614, 8-73617
- Sergienko, V.I.** General theory of astronomical refraction 8-89045
- Sergienko, V.I.**, Sergienko, S.A., Balashova, G.I., Kudeeva, V.S. The results of concurrent observations with two astrolabes in Irkutsk during the period of 1966. 0-1975.8 8-73617
- Sergienko, V.I.**, Yazev, A.I., Sergienko, S.A., Burdeinaya, L.S., Balashova, G.I., Selenchuk, I.M., Kudeeva, V.S. Spectral analysis of the ten-year series of observations obtained with two astrolabes and with one photoelectric transit instrument in Irkutsk 8-73614
- Sergievskii, E.D.** *see* Baskarev, B.N. 8-79370
- Sergio De Biasi, R.** Evidence for clustering in Fe^{3+} -doped MgO 8-56372
- Sergolle, H.** *see* Albouy, G. 8-78309
- Sergolle, H.** *see* Richel, H. 8-78316
- Sergolle, H.** *see* Roulet, C. 8-62506
- Sergot, P.** *see* Jarry, J.P. 8-86320
- Sergunov, V.T.** *see* Ovchinnikov, F.Ya. 8-72984
- Sergushin, I.P.**, Kudryavtsev, Yu.P., Elizen, V.M., Sadovskii, A.P., Sladkov, A.M., Nefedov, V.I., Korshak, V.V. X-ray electron and X-ray spectral study of carbonyl 8-88384
- Sergushin, N.P.** *see* Domashevskaya, E.P. 8-92176
- Sergushkov, N.V.** *see* Zapunnyi, A.I. 8-72974, 8-76816
- Series, G.W.** A semi-classical approach to radiation problems 8-74684
- Serikov, I.N.** *see* Artemov, K.P. 8-86486
- Serkhovets, S.I.**, Petrichenko, A.M., Mokharov, M.V., Vukelich, S.B. Composition and distribution of compounds formed in magnesium-antimony cast irons 8-95732
- Serkhovets, S.I.** *see* Mozharov, M.V. 8-56670
- Serkowski, K.** Optical polarimeters in astronomy 8-57453
- Serksnis, A.W.**, Taylor, M.F., McEligot, D.M. Heat transfer to turbulent flow of hydrogen-carbon dioxide mixtures 8-94690
- Serlemitsos, P.J.** *see* Pravdo, S.H. 8-93458
- Sermoneta, A.** *see* Bartalucci, S. 8-50037
- Serna, C.R.**, Serna, J. Comments on 'On the step structures of alkali halide surfaces' 8-79865
- Serna, J.** *see* Serna, C.R. 8-79865
- Seroo, J.** *see* Hamer, A. 8-80893
- Serov, O.B.**, Smolovich, A.M., Sobolev, G.A. Properties of three-dimensional holograms subject to emulsion swelling 8-78968
- Serov, V.V.**, Elyashberg, M.E., Gribov, L.A. An algorithm and program for verifying the presence or absence of given fragments in structural formulae for chemical compounds, represented by graphs 8-62941
- Serov, Yu.I.** *see* Pechenegov, Yu.Ya. 8-59271
- Serozhiampe'tri, F.** *see* Apel', V.D. 8-78223
- Serpan, C.Z.**, Jr. *see* Lynn, E.K. 8-66342
- Serpi, A.** *see* Grill, E. 8-84549
- Serpi, B.I.** *see* Chebotarev, A.I. 8-81238
- Serpolay, R.** Observation by satellite of a plume of pollution involving the formation of fog 8-96270
- Serra, A.** Color discrimination after ruby laser photocagulation. Some possible sources of time variability 8-53401
- Serra, G.**, Puget, J.L., Ryter, C.E., Wijnbergen, J.J. The far-infrared emission of interstellar matter between galactic longitudes $l=36^\circ$ and $l=55^\circ$ 8-54014
- Serrano, C.M.** *see* Woolhouse, G.R. 8-75672
- Serres, Y.**, Wiles, C. Mini-Sosie—new high-resolution seismic reflection system (for coal and mineral exploration, civil engineering, hydrology, geothermal and shallow petroleum exploration) 8-85707
- Serri, J.A.** *see* Phillips, W.D. 8-94309
- Serrier, J.** *see* Wyncke, B. 8-72503, 8-84557
- Sertorio, L.** *see* Fiore, R. 8-50016
- Servais, J.** *see* Courdille, J.M. 8-72472
- Servant, C.** *see* Lefevre, G. 8-91305
- Servant, J.** *see* Delmas, R. 8-81371
- Server, W.L.** Impact three-point bend testing for notched and precracked specimens 8-53053
- Server, W.L.** General yielding of Charpy V-notch and precracked Charpy specimens 8-92310
- Servetas, E.C.**, Karayannis, M.I., Vlachakis, A.V. A new automatic curve slope meter 8-49812
- Servoin, J.L.** *see* Gervais, F. 8-60466
- Servuss, R.M.** *see* Harbich, W. 8-96028
- Serway, R.A.**, Yang, F.H., Marshall, S.A. Line broadening in the ESR absorption spectra of Fe^{3+} , Cr^{3+} , and Gd^{3+} in the oxide YAlO_3 8-91940
- Serway, R.A.** *see* Marshall, S.A. 8-76305
- Sery, R.S.**, Savage, H.T., Tanner, B.K., Clark, G.F. Domain configurations in single crystal TbFe_2 and $\text{Tb}_{0.7}\text{Dy}_{0.3}\text{Fe}_2$ 8-64215
- Serykh, N.V.** *see* Strashinskii, A.G. 8-88687
- Serzentas, S.I.**, Pranavicius, L.I. Investigation of development of nanosecond discharge on liquid cathodes in hydrogen atmosphere 8-87578
- Seshadri, D.N.** Empirical equations for the third virial coefficients of Lennard-Jones (n,m) gases 8-94876
- Seshadri, S.R.** First- and second-order Bragg interactions in an active medium 8-50747
- Seshadri, S.R.** Fourth-order Bragg interaction in a periodic medium 8-58889
- Seshadri, S.R.** Parametric interaction between two Alfvén waves 8-67336
- Seshadri, S.R.** Reflection and transmission coefficients of a periodic dielectric slab 8-71011
- Seshadri, V.** *see* Sharma, R.S. 8-94649
- Seshan, K.**, EerNisse, E.P. Role of stresses in annealing of ion-implantation damage in Si 8-75679
- Seshan, K.**, Washburn, J. A three-stage model for the development of secondary defects in ion-implanted silicon 8-87725
- Sesma, J.**, Vento, V. Optical analysis of resonances in a velocity-dependent potential 8-62098
- Sesonske, A.** *see* Theofanous, T.G. 8-58380
- Sessa, V.**, Sitte, J. Stark ladders and band bending in finite crystals 8-56112
- Sessarego, J.P.** *see* Gazanhes, C. 8-59181
- Sessler, J.G.** The effect of stress fields on ultrasonic energy reflected from discontinuities in solids 8-53168
- Sessoms, A.L.** *see* Gordon, B.A. 8-82216
- Sessoms, A.L.** *see* Singh, J. 8-93910
- Sestak, B.**, Seeger, A. Glide and work-hardening in BCC metals and alloys. I 8-84946
- Sestili, I.** *see* Amaldi, E. 8-78222
- Seth, B.B.** *see* Tu, L.K.L. 8-53027, 8-68862
- Seth, I.D.** *see* Adeboye, E.A. 8-94639
- Seth, K.K.**, Kempster, C.J.E. Observations of trimodal crystal texture in polypropylene blended with nylon 11 8-75567
- Seth, K.K.** *see* Hoffman, G.W. 8-54760
- Seth, K.K.** *see* Hoffmann, G.W. 8-62674, 8-70526
- Seth, S.S.** Unsteady motion of viscoelastic fluid due to rotation of a sphere 8-59426
- Sethares, J.C.**, Szabo, T.L. A new model for the flat conductor electromagnetic SAW transducer 8-59232
- Sethi, B.R.**, Mathur, P.C. Effect of heavy doping of ZnSe crystals with indium in creating compensating acceptors 8-52013
- Sethi, B.R.**, Mathur, P.C., Woods, J. Impurity-band conduction in compensated ZnSe crystals 8-72147
- Sethi, B.R.**, Talwar, P.L., Sharma, O.P., Mathur, P.C. Effect of indium doping and zinc annealing on the electrical transport properties of zinc selenide single crystals 8-76075
- Sethi, H.R.**, Radley, D.E. A new method for the synthesis of electron flow systems 8-55063
- Sethi, V.C.**, Kumar, R., Agarwal, S.K., Chaudhary, K.L. Vacuum deposition of crystalline ZnS films 8-63945
- Sethi, V.K.**, Gibala, R. Anisotropy of surface oxide softening of niobium single crystals 8-60716
- Sethian, J.D.**, Ekdahl, C.A. Cornell Thomson scattering system 8-75421
- Sethian, J.D.**, Gerber, K.A., Spector, D.N., Robson, A.E. Generation of a reversed-field configuration without an applied magnetic field 8-91114
- Sethian, J.D.**, Hammer, D.A., Gerber, K.A., Spector, D.N., Robson, A.E., Goldenbaum, G.C. Reversed-field configuration generated by a rotating relativistic electron beam 8-71524
- Sethian, J.D.** *see* Spector, D.N. 8-71543
- Sethna, P.P.**, Downing, H.D., Pinkley, L.W., Williams, D. Infrared band intensities in ammonium hydroxide and ammonium salts 8-68500
- Sethna, P.P.**, Palmer, K.F., Williams, D. Optical constants of D_2O in the infrared 8-68501
- Sethna, P.P.**, Pinkley, L.W., Williams, D. The influence of cupric ions on the infrared spectrum of water 8-72501
- Sethna, P.P.** *see* Pinkley, L.W. 8-64341
- Sethna, P.P.**, Schapiro, S.M. Nonlinear behavior of flutter unstable dynamical systems with gyroscopic and circulatory forces 8-63276
- SethuRaman, S.** *see* Raynor, G.S. 8-85647
- Setlow, R.B.** *see* D'Ambrosio, S.M. 8-77085
- Seto, K.** *see* Hayashi, M. 8-90952
- Seto, K.** *see* Nunomura, S. 8-68864
- Setser, D.W.** *see* King, D.L. 8-63058
- Setser, D.W.** *see* Kots, J.H. 8-73027
- Setser, D.W.** *see* Ottinger, C. 8-82716
- Setser, D.W.** *see* Sung, J.P. 8-92484
- Setser, D.W.** *see* Tellinghuisen, P.C. 8-70844
- Setser, G.G.**, Estle, T.L. Jahn-Teller effect in ^2E EPR spectra. Multistate theory for ^2E -orbital states in cubic symmetry 8-56369
- Sette, D.** *see* Daino, B. 8-50942
- Sette, D.** *see* Scudieri, F. 8-91232
- Setti, G.** Accelerators in the sky 8-81537
- Setti, G.**, Zamorani, G. On the Hubble diagrams of quasars and the shapes of their optical luminosity functions derived by a new method 8-61930
- Settles, R.** *see* Coffey, D. 8-50435
- Setton, R.** *see* Rousseau, B. 8-55459
- Setty, C.S.G.K.** *see* Gupta, A.S. 8-69601
- Seung Kai Wong** *see* Prater, R. 8-51293
- Seung-Joo Lee** *see* Byung-Doo Choe 8-52653
- Sevastjanov, V.I.** *see* Bruns, A.V. 8-53783
- Sevast'yanenko, V.G.** Radiant heat transfer in a real spectrum 8-90669
- Sevely, J.** *see* Pinna, H. 8-54511
- Sevenko, G.P.** *see* Lyubchenko, A.P. 8-56620, 8-95731
- Sever, F.** *see* Cvelbar, F. 8-74354
- Sever, F.** *see* Likar, A. 8-94004

- Severin, C.S.**, Chen, C.W. Ferromagnetic behaviour of disordered MnPt films produced by RF sputtering 8-68310
- Severin, E.S.**, Freasier, B.C., Hamer, N.D., Jolly, D.L., Nordholm, S. An efficient micro-canonical sampling method 8-73917
- Severinskii, A.Ya.** Selecting materials for calorimetric sheaths 8-77917
- Severny, A.B.** *see* Bruns, A.V. 8-53783
- Severny, A.B.** *see* Kotov, V.A. 8-53905
- Severnyi, V.V.** *see* Babaritskii, A.I. 8-79445, 8-87458
- Sever'yanov, V.V.** *see* Rukhadze, A.A. 8-59616
- Severyn, J.** *see* Greenwood, J.R. 8-51366
- Seveus, L.** Preparation of biological material for X-ray microanalysis of diffusible elements. I. Rapid freezing of biological tissue in nitrogen slush and preparation of ultrathin frozen sections in the absence of trough liquid 8-77165
- Seveus, L.** *see* Barnard, T. 8-77166
- Sevier, K.D.** *see* Schader, J. 8-62889
- Sevigne, M.** *see* Damelincoirt, J.J. 8-87532
- Sevillano, J.Gil** *see* Gil Sevillano, J.
- Seville, M.E.** *see* Showalter, C.K. 8-73233
- Sevin, A.** *see* Devaquet, A. 8-76881
- Sevink, J.**, Verstraten, J.M. Neofomation of montmorillonite by post-depositional subsurface weathering in a slope deposit in central France 8-73367
- Sevost'yanov, G.M.** *see* Zavgorodnii, P.F. 8-59267
- Sevost'yanov, V.S.** *see* Golubkov, V.P. 8-78523
- Sevryuk, E.B.** *see* Malashenko, V.P. 8-84854
- Seward, F.D.** A trip to the Crab Nebula 8-61912
- Seward, R.J.** *see* Chuah, D.G.S. 8-5196r
- Seward, R.J.** *see* Singh, C. 8-81732
- Seward, S.K.** *see* Hudson, C.M. 8-84963
- Seward, W.D.** Digital display for lecture hall use 8-86075
- Sewell, E.C.** *see* Angel, G.C. 8-50634
- Sewell, M.J.**, Noble, B. General estimates for linear functionals in nonlinear problems 8-49643
- Sewell, S.J.** *see* Erriquez, O. 8-78170
- Sexton, E.E.** *see* Cann, C.D. 8-83962
- Sexton, E.H.**, Benenson, R.E., Elwyn, A.J., Monahan, J.E., Kuchnir, F.T., Mooring, F.P., Lemming, J.F., Finlay, R.W. Polarization of neutrons from (p,n) reactions on medium-weight nuclei at isobaric analog resonances 8-54759
- Sexton, M.C.** *see* Maher, B.O. 8-53678
- Sextro, R.G.** *see* Westfall, G.D. 8-70529
- Seyboth, P.** *see* Corden, M.J. 8-62470
- Seydel, U.**, Fischer, U. Thermophysical properties of solid and liquid molybdenum and palladium 8-75808
- Seydel, U.**, Fucke, W. Experimental determination of critical data of liquid molybdenum 8-75531
- Seyduzova, S.S.** *see* Riznichenko, Yu.V. 8-61583
- Seyed Reihani, S.M.**, Esnouf, C., Fantozzi, G. Determination of dislocation pinning and depinning stages in cold-worked copper 8-92278
- Seyler, J.** *see* Corden, M.J. 8-62470
- Seyfarth, H.** *see* Guven, H.H. 8-82312
- Seyfarth, H.** *see* von Egidy, T. 8-66215
- Seyfert, H.** *see* Bosetti, P.C. 8-70357
- Seyfried, W.E., Jr.**, Mottl, M.J., Bischoff, J.L. Seawater/basalt ratio effects on the chemistry and mineralogy of spilites from the ocean floor 8-92819
- Seykora, E.J.** *see* Varlashkin, P.G. 8-89282
- Seyler, R.J.**, Kalbfleisch, E. Instrumentation for multiple digital differential thermal analysis 8-77902
- Seymour, B.R.**, Mortell, M.P. The effect of reflections on nonlinear, transient pulse propagation in laminated composites 8-63222
- Seymour, C.G.** *see* McLean, D.R. 8-50411
- Seymour, J.**, Seymour, M.W. The historicity of the Gospels and astronomical events concerning the birth of Christ 8-93127
- Seymour, M.W.** *see* Seymour, J. 8-93127
- Seymour, R.B.**, Garner, D.P. The role of temperature on alternate random and block copolymerization 8-76859
- Seymour, R.J.**, Fitzpatrick, B.J., Bhargava, R.N. Optically pumped stimulated emission in ZnSe 8-71105
- Seys, W.A.** Suggested improvements in the efficiency of the color print film process 8-78023
- Sferlazzo, P.** *see* Mancini, M. 8-62856
- Sfinteanu, D.** Investigation of convective heat transfer in a circular channel with laminar flow of fluid 8-63424
- Sforza, M.** Cavalli *see* Cavalli Sforza, M.
- Sforza, P.M.**, Mons, R.F. Mass, momentum, and energy transport in turbulent free jets 8-51210
- Sforza, P.M.**, Stasi, W., Pazenza, J., Smorto, M. Flow measurements in leading-edge vortices 8-63433
- Sgamellotti, A.** *see* Clark, D.T. 8-62712, 8-82637, 8-82642, 8-94196
- Sgro, A.G.** Calculations of the effects of incomplete preionization in high voltage theta pinches 8-83600
- Sguazzero, P.** *see* Volpi, G. 8-69369
- Sha, J.Y.** *see* Rundo, J. 8-69224
- Sha, W.T.**, Chap, B.T., Soo, S.L. On inertial coupling in dynamic equations of components in a mixture 8-63483
- Sha-Lin Chen, H.**, Shawhan, S.D. Structure and evolution of solar radio bursts at 26.4 MHz 8-65596
- Shaaf, M.K.** *see* Nagy, M.E. 8-50229
- Shabaik, A.H.** *see* Kim, B. 8-60821
- Shabaik, A.H.** *see* Pirs, J. 8-72875
- Shabalin, E.P.** The electric dipole moment of quarks in the gauge theory with left-handed currents 8-74218
- Shabalinskaya, L.A.** *see* Mamedov, A.P. 8-72547
- Shabanov, A.G.** *see* Bartenev, G.M. 8-84908
- Shabanov, V.F.**, Spiridonov, V.P., Serebrennikov, V.L. Raman spectroscopic investigation of polymorphism in p-dichlorobenzene 8-68515
- Shabanov, V.F.** *see* Aleksandrov, K.S. 8-76399, 8-79073
- Shabanov, V.F.** *see* Anistratov, A.T. 8-76396
- Shabanov, V.F.** *see* Fedotov, A.P. 8-80341
- Shabanova, S.V.** *see* Eremenko, V.N. 8-68674
- Shabanskiy, V.P.** *see* Gubar, Yu.I. 8-69618
- Shabashov, V.I.** *see* Asinovsky, E.I. 8-66879, 8-87117
- Shabashov, V.I.** *see* Bronin, S.Ya. 8-75365
- Shabel'nikov, L.G.** *see* Aptekar', I.L. 8-71855
- Shabratova, G.S.**, Tolstov, K.D., Tucek, J., Karabova, M., Siles, E., Tothova, M., Gubinskij, B.V., Ostroumov, V.J., Bogdanov, V.B., Perfilov, N.A., Pljushchev, V.A., Solovjeva, Z.I., Adamovich, M.I., Larionova, V.G., Kharlamov, S.P., Basova, E.S., Chernov, G.M., Gulamov, K.G., Guljamov, U.G., Nasyrov, S., Dalkhazhav, N., Skrzypczak, E. Inelastic interactions of 16.5 GeV/c α -particles with light (H,C,O) and heavy (Br,Ag) nuclei 8-82359
- Shaburov, V.A.** *see* Egorov, A.I. 8-58234
- Shack, R.V.**, Hopkins, G.W. The Shack interferometer 8-58020
- Shack, R.V.** *see* Harvey, J.E. 8-94376
- Shackleton, C.H.L.** *see* Burlingame, A.L. 8-85226
- Shackley, M.L.** The behaviour of artifacts as sedimentary particles in a fluvial environment 8-70239
- Shadchin, E.A.** *see* Baisa, D.F. 8-88218
- Shadmi, Y.** Teaching the exclusion principle with philosophical flavor 8-81746
- Shadrin, O.P.** Calculation of Franck-Condon factors using wave functions of the Rydberg-Klein-Rees potential 8-70878
- Shadrin, V.D.** *see* Korotkikh, V.L. 8-64447
- Shadrina, N.Kh.** On shear flows of thixotropic fluids 8-87365
- Shaeffer, D.L.** *see* Hoffman, F.O. 8-94148
- Shaeffer, D.L.** *see* Miller, C.W. 8-80979
- Shaeffer, J.**, El-Mahdi, A.M., Wakley, J. Relation between curability and tumor volume in a murine carcinoma and sarcoma 8-61215
- Shaevitz, M.H.** *see* Barish, B. 8-89750
- Shafee, A.**, Shafee, S. The swallow-tail catastrophe and ferromagnetic hysteresis 8-56349
- Shafee, S.** *see* Shafee, A. 8-56349
- Shafer, B.D.** *see* Spencer, W.J. 8-53565
- Shafer, D.R.** Four-mirror unobscured anastigmatic telescopes with all-spherical surfaces 8-57439
- Shafer, M.W.** *see* Tsang, J.C. 8-60439, 8-87750
- Shafer, R.** *see* Johnson, J.R. 8-58216
- Shaffer, D.B.** Optical identifications of radio sources in the NRAO 5-GHz survey: The 'S2' and 'intermediate' surveys 8-54062
- Shaffer, D.B.**, Geldzahler, B.J., Kellermann, K.I., Pauliny-Toth, I.I.K., Preuss, E., Witzel, A. Compact radio sources in and near supernova remnants: G127.1+0.5 and G74.9+1.2 8-86029
- Shaffer, D.B.** *see* Pauliny-Toth, I.I.K. 8-69902
- Shaffer, D.H.**, Jouris, G.M. Estimates of brittle fracture probability using reactor surveillance capsule data 8-80641
- Shaffer, D.H.** *see* Jouris, G.M. 8-78479
- Shaffer, T.H.** *see* Koen, P.A. 8-53590
- Shaffer, T.H.** *see* Schwartz, J.G. 8-53556
- Shafi, Q.**, Wetterich, C. Implications for e^+e^- physics and for dilepton production in pp collisions if a light neutral gauge boson exists 8-58154
- Shafullah** *see* Lal, K.B. 8-70022
- Shafranov, M.D.** *see* Nikityuk, N.M. 8-94176
- Shafroth, S.M.** *see* Tanis, J.A. 8-58778, 8-74751
- Shagam, R.** *see* Koliopoulos, C. 8-86325
- Shagapov, V.Sh.** *see* Aidagulov, R.R. 8-83424
- Shaginyan, L.R.** *see* Bessaraba, V.I. 8-60043
- Shagolov, A.G.** *see* Radchenko, R.V. 8-69581
- Shah, A.K.**, Moule, D.C. An analysis of the 4_0^1 bands of $\text{H}_2^{13}\text{C}^{18}\text{O}$ and $\text{H}_2^{12}\text{C}^{18}\text{O}$ 8-86878
- Shah, D.** *see* Notis, M.R. 8-68220
- Shah, D.P.** *see* Grim, S.O. 8-62825
- Shah, G.A.** Optical colours and polarization of a model reflection nebula. II. Silicate and graphite grains in a nebula with the star in the rear 8-57622
- Shah, G.Ali** *see* Ali Shah, G.
- Shah, G.N.**, Kaul, C.L., Razdan, H., Bemalkhedkar, M.M. Recurrent Forbush decreases and the relationship between active regions and M regions 8-96367
- Shah, I.D.**, Ruzzi, P.L. Pentlandite: preparation, hydrogen reduction in the presence of lime to yield an iron-nickel alloy 8-85018
- Shah, M.B.** *see* Nutt, W.L. 8-50633
- Shah, N.G.** *see* Lockwood, F.C. 8-93689
- Shah, R.K.** A correlation for laminar hydrodynamic entry length solutions for circular and noncircular ducts 8-94825
- Shah, R.R.** *see* Zewail, A.H. 8-82054
- Shah, S.** *see* Brereton, M.G. 8-50668
- Shah, T.P.** *see* Alper, B. 8-70414
- Shah, T.P.** *see* Brown, R.M. 8-82231
- Shah, V.**, Singhal, N.C., Udawat, J.P. Response of aneurysmal bone cyst to low doses of cobalt 60 gamma radiation with prolonged treatment 8-73196
- Shahabuddin, M.A.M.** *see* Burke, D.G. 8-89780
- Shahal, O.**, Moreh, R. Study of atomic velocities in molecules using nuclear resonance photon scattering 8-68433
- Shaham, M.**, El-Hanany, U., Zamir, D. NMR study of platinum at high temperature 8-72425
- Shahar, R.** *see* Liron, N. 8-67268
- Shahbazian, K.** *see* Conetti, S. 8-93905
- Shahbazian, K.** *see* Hartmann, J. 8-62460
- Shahidullah, M.** *see* Belcher, R. 8-61093
- Shahinian, P.** *see* Sadananda, K. 8-83870
- Shahinpoor, M.** Further comments on the stress tensor in nematic liquid crystals 8-67648
- Shahinpoor, M.**, Ahmadi, G. Stability of Cosserat fluid motions. II. On the N-th-order Cosserat fluid 8-51203
- Shahinpoor, M.**, Tadjbakhsh, I.G., Ahmadi, G. Seismic response of hills 8-65194
- Shahinpoor, M.** *see* Ahmadi, G. 8-94524
- Shahinpoor, M.** *see* Balakrishnan, R. 8-93533
- Shahna, E.** A semi-dynamic model of the carbon fixation cycle of photosynthesis [teaching] 8-73806
- Shahrokhii, F.** *see* Robinson, J.C. 8-74450, 8-74451
- Shail, R.** Lame polynomial solutions to some elliptic crack and punch problems 8-75069
- Shail, R.** *see* England, A.H. 8-54193
- Shaimerdinov, B.U.** *see* Goffman, V.G. 8-71856
- Shaiovich, Ya.L.**, Zvinchuk, R.A. Conditions of magnetite precipitation during decomposition of wustite Fe_{1-x}O 8-84823
- Shaitan, K.V.** *see* Dzhidzhoev, M.S. 8-53233
- Shajdurova, N.K.** *see* Gachkovsky, V.F. 8-64401
- Shaji, T.** *see* Hiroe, S. 8-59656
- Shakarchi, K.** *see* Bugg, D.V. 8-70396
- Shakarchi, K.** *see* Waters, G. 8-82599
- Shakaryan, L.L.** *see* Pogosyan, Ya.M. 8-72380
- Shake, T.H.**, McIlwain, M.E., Atkinson, G.H. Laser bandwidth and wavelength stability measurements using self-scanning linear diode arrays 8-86343
- Shaked, H.** *see* Melamud, M. 8-52221
- Shaked, H.** *see* Shamir, N. 8-52217, 8-60267, 8-91844
- Shakeshaft, R.** Asymptotic form of the third Born amplitude for forward electron capture by a bare ion incident on a hydrogenlike ion 8-58782
- Shakeshaft, R.** Angular distribution for electron capture by protons from hydrogen atoms in the energy range 15-200 keV 8-82839
- Shakeshaft, R.**, Spruch, L. Possibility of observing the second Born contribution to electron capture at high impact velocities 8-78803
- Shakeshaft, R.**, Spruch, L. Asymmetry in the cusp of the cross section for electron capture to the continuum for a fast bare ion on a hydrogenlike atom 8-90289
- Shakeshaft, R.** *see* Wadhera, J.M. 8-94213
- Shakhbazyan, R.K.** Photographic photometry of compact cluster of compact galaxies No.1 8-93428
- Shakhbazyan, V.A.** *see* Grigoryan, L.A. 8-74294
- Shakher, C.**, Sirohi, R.S. Hologram interferometry and speckle photography combined for stress analysis 8-70095
- Shakhidzhanov, S.S.** *see* Kurbatov, L.N. 8-56173
- Shakhlevich, G.M.** *see* Makovetskii, G.I. 8-64199
- Shakhlevich, V.M.** *see* Kiva, V.I. 8-82931
- Shakhmeister, V.A.** *see* Il'in, V.M. 8-81298
- Shakhnazarov, A.A.** *see* Grigoryan, S.S. 8-61210
- Shakhova, N.A.** *see* Bakhtin, L.A. 8-65863
- Shakhova, N.A.** *see* Litvak, A.G. 8-75357

- Shakhovskoi, N.M.**, Efimov, Yu.S. Study of linear optical polarization of some objects of BL Lac type 8-57640
- Shakhovskoi, N.M.** see Vojkhanskaya, N.F. 8-93322
- Shakhovtsov, V.I.**, Shakhovtsova, S.I., Shpinar, L.I., Yaskovets, I.I. Carrier mobility in semiconductors with disordered regions 8-56166
- Shakhovtsov, V.I.** see Akhmetov, V.D. 8-71764
- Shakhovtsov, V.I.** see Konakova, R.V. 8-72255
- Shakhovtsova, S.I.** see Shakhovtsov, V.I. 8-56166
- Shakhparonyan, V.V.** see Smokovdina, G.S. 8-84746
- Shakhtakhtinskii, M.G.** see Tairov, B.A. 8-60139
- Shaklee, K.L.** see Gobel, E. 8-72591
- Shako, M.** see Iwao, S. 8-50035
- Shakura, N.I.** see Bisnovatyi-Kogan, G.S. 8-69840
- Shakura, N.I.** see Eardley, D.M. 8-77618
- Shalabaev, D.A.** see Duisibaev, A.D. 8-54778
- Shalaeva, L.F.** see Gol'dman, A.Ya. 8-68779
- Shalaginov, Yu.V.** see Kasperovich, A.N. 8-77877
- Shalashov, G.I.**, Beloborodov, V.I. The BUR-1M automatic ultrasonic equipment for monitoring drill and casing tubes 8-53085
- Shalashov, G.I.**, Privalov, G.A., Orlov, K.I., Berezin, A.I. Automated ultrasonic units for inspecting thin-walled tubing 8-88606
- Shalashov, I.M.** see Gorshkov, B.M. 8-82543
- Shalatskii, S.V.** see Miroshnichenko, I.I. 8-86453
- Shaldervan, A.I.** see Koval, I.P. 8-92154
- Shaldirvan, V.A.** see Kosmodamians'kii, O.S. 8-83246
- Shalev, S.**, Hopstone, P. Empirical expressions for gas multiplication in ^3He proportional counters 8-90028
- Shalimoff, G.V.**, Conway, J.G. The $3d^2-3d4f$ transitions in VIV 8-62758
- Shalimova, K.V.**, Karetnikov, I.A., Mironenko, L.S. Exciton cathode luminescence of epitaxial layers of gallium nitrides 8-76543
- Shalkauskas, Y.S.** Estimation of radial temperature distribution and determination of chemical composition in the plasma of a low-volt pulse discharge 8-71544
- Shaller, A.** see Petrunenkov, A.A. 8-57940
- Shal'nev, K.K.** see Shapoval, I.F. 8-83441
- Shaltiel, D.** see Bloch, J.M. 8-84481
- Shaltiel, D.** see Dokter, H.D. 8-52348, 8-52349
- Shaltiel, D.** see Jacob, I. 8-87866
- Shaltiel, D.** see Shinar, J. 8-91533
- Shaluts, D.A.** see Sukiasyan, S.S. 8-72450
- Shalygin, A.N.** see Chetkin, M.V. 8-72363
- Shalyt, S.S.** see Popov, V.V. 8-56146
- Shalz, L.L.**, Metzinger, R.W., Keene, D.W. A computer based diagnostic and control system for a 120 keV neutral beam test stand 8-66389
- Sham, L.J.** Electron-phonon interaction and phase transitions 8-79703
- Sham, L.J.**, Nakayama, M. Effect of interface on the effective mass approximation 8-64082
- Sham, L.J.** see Maradudin, A.A. 8-71932
- Sham, T.K.** see Lazarus, M.S. 8-82783
- Shamaev, Yu.M.** see Pashkovskii, F.I. 8-72364
- Shamagdiev, A.Sh.** see Votinov, P.A. 8-78592
- Shamaly, A.** see Kobayashi, M. 8-70270
- Shamanov, V.V.** see Asratyan, A.E. 8-62389
- Shambroom, W.D.** see Gordon, B.A. 8-82216
- Shames, D.M.** see Schor, R.A. 8-85360
- Shamin, A.A.** see Sen, S.K. 8-69960
- Shamin, G.I.**, Shevchenko, V.S. The spectrum of V380 Ori in the near infrared 8-61861
- Shamina, O.G.**, Khanutina, R.V. The nature of fracture at weak-shock sources prior to and after a strong earthquake 8-85487
- Shamir, J.** see Rosen, H. 8-93757
- Shamir, J.** see Singh, S.I.S. 8-60431
- Shamir, N.**, Gurewitz, E., Shaked, H. The magnetic structure of $\text{Bi}_2\text{Fe}_2\text{O}_9$ —A neutron diffraction study 8-52217
- Shamir, N.**, Gurewitz, E., Shaked, H. The magnetic structure of $\text{Bi}_2\text{Fe}_2\text{O}_9$ —analysis of neutron diffraction measurements 8-91844
- Shamir, N.**, Melamud, M., Shaked, H., Weger, M. Crystalline electric field levels of U in UPd_3 —an inelastic neutron scattering study 8-60267
- Shamir, N.** see Melamud, M. 8-52221
- Shamir, U.** see Alperovits, E. 8-61457
- Shamma, S.E.**, Martinez-Sanchez, M., Louis, J.F. Effective Ohm's law for magnetized plasmas with anisotropic inhomogeneities 8-67316
- Shamov, S.A.** see Alyabina, N.A. 8-95354
- Shamovskii, L.M.** see Galunov, N.Z. 8-92126
- Shamraev, B.N.** see Elesin, V.V. 8-91816
- Shamrai, K.P.** see Davydova, T.A. 8-51318, 8-59591
- Shamrai, V.F.** Crystal structure and superconductivity of certain three-component solid solutions based on V_2Si 8-51494
- Shamroth, S.J.** see Kreskovsky, J.P. 8-63506
- Shams, M.K.**, Namizaki, H., Wang, S. Monolithic integration of GaAs-(GaAl)As light modulators and distributed-Bragg-reflector lasers 8-50944
- Shams, M.Kazem** see Kazem Shams, M.
- Shams El Din, A.M.** see Abd El Wahab, F.M. 8-95838
- Shamyakov, A.A.** see Kovtun, N.M. 8-84207
- Shan, Y.**, Choi, B.H., Poe, R.T., Tang, K.T. Three-dimensional quantum mechanical study of the $\text{F}+\text{H}_2$ reaction scattering 8-80722
- Shan Yueh** see Yueh Shan
- Shan-Shan Zhang** see Zhang Shan-Shan
- Shanahan, M.E.R.**, Schultz, J. Influence of wetting properties of the liquid on environmental stress cracking of polyethylene at high stress 8-92383
- Shanahan, M.M.** see Rowland, R.E. 8-96075
- Shanawany, M.El.**, El-Shirbini, A.A., Murgatroyd, W. A model for predicting the dry-out position for annular flow in a uniformly heated vertical tube 8-59447
- Shanbhag, M.R.** see Raju, P.N. 8-83272
- Shanbhag, P.V.**, Shashidhar, M.A., Suryanarayana Rao, K. Ultraviolet absorption spectra of some chloroxylenes 8-86879
- Shand, M.L.**, Hanson, R.C. High pressure Raman scattering in zincblende structure CuCl 8-60463
- Shandarin, S.F.** see Doroshkevich, A.G. 8-54056, 8-93415
- Shandil, R.G.** see Banerjee, M.B. 8-59370, 8-71329, 8-90833
- Shandor, L.** see Amaglobeli, N.S. 8-54652
- Shanebrook, J.R.** Stokes' law, Reynolds number, and the erythrocyte sedimentation rate test 8-49610
- Shaner, J.W.** see Mao, H.K. 8-70150
- Shang, H.-T.**, Huang, C.C., Salamon, M.B. New method for investigating the magnetic phase diagram of metamagnets 8-68254
- Shang, J.S.** Implicit-explicit method for solving the Navier-Stokes equations 8-83354
- Shang Bui Van** see Bui Van Shang
- Shang Zong-ye**, Wang Ying-cai. The average field of the isobar Δ (1232) in nuclei 8-78275
- Shang-fang Tsai** Coordinate-space formalism of the random-phase approximation 8-70473
- Shang-Keng Ma** Effect of random impurities on long range order 8-95061
- Shang-Lin Weng** An experimental and theoretical study of the surface resonances on the (100) face of W and Mo 8-72226
- Shangareyev, K.R.** see Fafurin, A.V. 8-83486
- Shangin, A.S.** see Ilyushkin, V.A. 8-74522
- Shanin, G.I.** The spectrum of HM SGE in near infrared 8-81637
- Shanin, V.K.** see Avdeev, A.A. 8-67258
- Shank, C.V.**, Ippen, E.P., Teschke, O., Auston, D.H. Picosecond time resolved reflectivity of direct gap semiconductors 8-76495
- Shank, C.V.**, Ippen, E.P., Teschke, O., Fork, R.L. Radiationless relaxation processes in azulene 8-78741
- Shank, C.V.** see Ippen, E.P. 8-58066
- Shankar, R.**, McDonough, R.N. Ultrasonic measurement of defects in metals using cepstral processing 8-73010
- Shankar, R.**, Witten, E. S matrix of the super-symmetric nonlinear σ model 8-66052
- Shankar, R.**, Witten, E. The S-matrix of the kinks of the $(\phi^4)_2$ model 8-93809
- Shanker, J.**, Agarwal, S.C. On the deformation dipole model in ionic solids 8-72454
- Shanker, J.**, Agarwal, S.C., Sharma, O.P. Crystalline polarizabilities and sizes of ions in transition metal oxides 8-63693
- Shanker, J.**, Agrawal, G.G., Singh, R.P. On the Mott-Littleton dielectric theory for alkali halides 8-80274
- Shanker, J.**, Agrawal, G.G., Singh, R.P. On the evaluation of the van der Waals potentials in ionic crystals 8-83767
- Shanker, J.**, Agrawal, S.C., Lashkari, A.K.G. Electronic polarizabilities of ions in the chalcogenides of Zn and Cd 8-79559
- Shanker, J.**, Bakshi, P.S., Sharma, O.P. Dielectric behaviour of silver and thallous halide crystals under hydrostatic pressure 8-52420
- Shanker, J.**, Gupta, A.P., Sharma, O.P. A Born-model analysis of interatomic forces in alkali halides using ultrasonic data 8-55833
- Shanker, J.**, Lashkari, A.K.G., Sharma, O.P. Analysis of the volume dependence of refractive index in ionic and partially covalent crystals 8-88275
- Shanker, J.**, Sharma, J.C., Sharma, O.P. Correlation between effective charge parameter and electronic polarizabilities of ions in II-VI and III-V crystals 8-51463
- Shanker, J.** see Agrawal, G.G. 8-71702
- Shanker, J.** see Agrawal, S.C. 8-63694
- Shanker, J.** see Jain, V.C. 8-55832, 8-91296, 8-92016
- Shanker, J.** see Niwas, R. 8-52428
- Shanker, J.** see Singh, A.V. 8-55929
- Shanker, K.** see Tripathi, N.D. 8-79713
- Shanks, B.L.** see Ohlrich, E.S. 8-77061
- Shanks, H.R.** see Dietz, R.E. 8-72098
- Shanley, C.W.** see Enderlein, R. 8-76491
- Shanley, P.E.** see Ahmed, M.U. 8-70530
- Shanmugam, G.**, Walker, K.R. Tectonic significance of distal turbidites in the Middle Ordovician Blockhouse and Lower Sevier Formations in east Tennessee 8-65296
- Shanmuganathan, K.** see Massey, G.A. 8-59097, 8-79051
- Shannette, G.W.** see Frey, M.L. 8-84879
- Shannon, J.L., Jr.** see Pierce, W.S. 8-72950
- Shannon, J.L., Jr.** see Van Stone, R.H. 8-64642
- Shannon, M.D.** A comparison of multi slice and many-beam calculations 8-83664
- Shannon, M.D.**, Eades, J.A. Information from rutile catalyst particles by convergent-beam electron diffraction 8-83685
- Shannon, M.D.** see Steeds, J.W. 8-83675
- Shannon, R.R.** Application of signal-to-noise concepts to optical power spectra 8-63028
- Shannon, R.R.** Optical signal processing at the University of Arizona 8-78946
- Shannon, T.E.**, Steiner, D. Design approaches for enhancing the engineering feasibility of tokamak power reactors 8-58442
- Shannon, T.E.** see Roberts, M. 8-58414
- Shanoyan, S.A.** see Grigoryan, S.S. 8-61210
- Shanshal, M.** MINDO/3-FORCES study of the $\text{F}+\text{CH}_4$ reaction 8-95926
- Shanshal, M.** see Khalil, S.M. 8-66472
- Shanskii, V.F.** see Burtsev, V.A. 8-71116
- Shanta, R.** Computer simulation of back sputtering and ion penetration into polycrystalline targets 8-60537
- Shantarovich, V.P.** see Alekseeva, O.K. 8-72637, 8-76555, 8-88380
- Shantarovich, V.P.** see Byakov, V.M. 8-61039
- Shantarovich, V.P.** see Goldanskii, V.I. 8-72631
- Shante, V.K.S.** Transport properties of dynamically disordered chains and applications to TTF-TCNQ and related compounds 8-72137
- Shanturin, L.P.** see Grigor'ev, Yu.V. 8-82553
- Shao, J.** see Machlin, E.S. 8-64547
- Shao Cheng-Yuan** see Cheng-Yuan Shao
- Shao-Chi Lin**, Lischer, D.W. Pulsating ion laser action observed in a magnetically confined plasma 8-78994
- Shao-Chi Lin** see Levatter, J.L. 8-63125
- Shao-quan Huang** see Huang Shao-quan
- Shapira, A.** see Brandelik, R. 8-62416
- Shapira, A.** see Braun, H. 8-58208
- Shapira, A.** see Eisenberg, Y. 8-54657
- Shapira, Y.**, Oliveira, N.F., Jr. Phase diagrams of the isotropic antiferromagnets RbMnF_3 and KNiF_3 from ultrasonic measurements 8-68350
- Shapira, Y.**, Oliveira, N.F., Jr. Crossover behavior of the magnetic phase boundary of the isotropic antiferromagnet RbMnF_3 from ultrasonic measurements 8-80145
- Shapiro, A.H.** Steady flow in collapsible tubes 8-57033
- Shapiro, A.L.**, Pokrovskaya-Soboleva, A.S., Razgouljaeva, V.I., Mazzyrova, L.K., Zytchenko, L.N. Phenomena taking place of the electrode surface in vacuum gap at high voltages 8-75466
- Shapiro, A.L.** see Pokrovskaya-Soboleva, A.S. 8-75465
- Shapiro, B.** A direct renormalisation group approach for the self-avoiding walk 8-73933
- Shapiro, E.**, Crane, J. Correlation between sheet metal texture and drawability for alpha brass 8-60683
- Shapiro, E.** see Parikh, P. 8-60726
- Shapiro, E.Z.** see Bezikov, A.Ya. 8-77939
- Shapiro, G.** see Nagamiya, S. 8-54790
- Shapiro, G.** see Snyder, J.H. 8-89738
- Shapiro, G.I.** see Raizer, Yu.P. 8-91175
- Shapiro, H.N.**, Moran, M.J. Simultaneous heat and mass transfer in soil with application to waste heat utilization 8-94562
- Shapiro, I.I.** see Campbell, D.B. 8-61788
- Shapiro, I.I.** see King, R.W. 8-85854
- Shapiro, I.I.** see Wittels, J.J. 8-69896
- Shapiro, I.S.** see Karmanov, V.A. 8-89805
- Shapiro, J.S.**, Pellegrino, A.J., Berluti, V. Application of Dynalizer II to X-ray quality control 8-77896
- Shapiro, L.Ya.**, Belostotskaya, N.S. Deformation processes occurring in chamotte-glazed masses during heat treatment 8-84747
- Shapiro, M.** New corrosion resistant steels with high strength 8-95757
- Shapiro, M.** see Gerber, R.B. 8-70896
- Shapiro, M.** see Zeiri, Y. 8-73022
- Shapiro, M.B.**, Habbersett, M.C., Herman, C.J., Smith, E. Pattern classification of gynecologic specimens analyzed with a flowmicrofluorometer 8-73290
- Shapiro, M.H.** see Melvin, J.D. 8-73532
- Shapiro, M.H.** see Zyskind, J.L. 8-66273
- Shapiro, M.M.** Life in a multidisciplinary government laboratory 8-62043
- Shapiro, M.M.** see Bukhbinder, I.L. 8-67801, 8-67802
- Shapiro, M.V.** see Martynenko, O.G. 8-55645, 8-83390
- Shapiro, N.B.** see Mikhailova, E.N. 8-65330

- Shapiro, R.Kh.** see Nedlin, G.M. 8-68292
- Shapiro, S.L.**, Campillo, A.J., Lewis, A., Perreault, G.J., Spoonhower, J.P., Clayton, R.K., Stoeckenius, W. Picosecond and steady state, variable intensity and variable temperature emission spectroscopy of bacteriorhodopsin 8-96012
- Shapiro, S.L.** see Eardley, D.M. 8-77618, 8-93296
- Shapiro, S.L.** see Lightman, A.P. 8-77585
- Shapiro, S.L.** see Milgrom, M. 8-93329
- Shapiro, S.L.** see Roberts, T.J. 8-82392
- Shapiro, S.M.**, Moller, H.B., Axe, J.D., Birgeneau, R.J. Spin dynamics and magnetic ordering in mixed valence systems 8-68162
- Shapiro, S.M.**, Noda, Y., Brun, T.O., Miller, J., Birnbaum, H., Kajitani, T. Observation of low-frequency excitations of deuterium and hydrogen in niobium 8-91398
- Shapiro, S.M.**, Semmingsen, D., Salamon, M. Neutron scattering study of the solid electrolyte: RbAg₄I₃ 8-79696
- Shapiro, S.M.** see McWhan, D.B. 8-80091
- Shapiro, V.A.**, Ivanov, N.A., Ivanova, L.N. Investigation of geomagnetic-field secular variation around the Sverdllovsk magnetic observatory 8-61319
- Shapiro, V.A.** see Pyankov, V.A. 8-69288
- Shapiro, V.D.** see Sagdeev, R.Z. 8-71439
- Shapiro, V.D.** see Sotnikov, V.I. 8-59563
- Shapiro, V.E.**, Loginov, V.M. 'Formulae of differentiation' and their use for solving stochastic equations 8-49770
- Shapiro, V.L.** The discrete equations of fluid flow and elasticity 8-65781
- Shapiro, Yu.Ye.** see Barsukov, L.I. 8-64922
- Shapkin, I.M.** see Buzulukov, Yu.P. 8-82547
- Shapkin, V.V.** see Babaritskii, A.I. 8-79445, 8-87458
- Shaplin, P.D.** Thermoluminescence and style in the authentication of ceramic sculpture from Oaxaca, Mexico 8-70238
- Shaplygin, I.S.** see Lazarev, V.B. 8-51990
- Shaporov, B.D.** see Zatspein, N.N. 8-53154
- Shaposhnikov, M.E.** see Kuz'min, V.A. 8-65734
- Shaposhnikova, G.A.** see Gogosov, V.V. 8-83460
- Shapoval, E.A.** Resonant frequencies of a cavity with a cylindrical hole in a wall of infinite thickness 8-71004
- Shapoval, I.F.**, Shal'nev, K.K. Cavitation and erosion in aqueous solutions of polyacrylamide 8-83441
- Shapovalenko, V.V.** Calculation of the temperature field and crystallization front in a hollow cylindrical ingot 8-63690
- Shapovalov, A.V.** see Bagrov, V.G. 8-49954
- Shapovalov, E.T.** see Kupalova, I.K. 8-53139
- Shapovalov, E.T.** see Pokidyshev, V.V. 8-60650
- Shapovalov, V.I.** see Avaeva, I.G. 8-60321
- Shapovalov, V.I.** see Bunin, K.P. 8-52758, 8-59948
- Shapovalov, V.N.** Symmetry and separation of the variables in a linear second-order differential equation. I 8-65752
- Shapovalov, V.N.** Symmetry and separation of the variables in a linear second-order differential equation. II 8-73828
- Shapovalov, V.N.** Symmetry and integration of the Hamilton-Jacobi equation for a free particle in Riemann space 8-73901
- Shapovalov, V.N.** see Bagrov, V.G. 8-49954
- Shapovalova, L.M.** see Pertsov, A.M. 8-64956
- Shappirio, J.R.** see Tauber, A. 8-64469
- Shara, M.M.**, Shaviv, G. Hydrodynamic simulations of white-dwarf main-sequence star collisions 8-65621
- Sharaev, D.Ya.** see Kumeishin, V.F. 8-76361
- Sharaf, H.** see Baranik, A.T. 8-62543
- Sharamkin, V.I.**, Shcherbinin, E.V. Electrovortical flow in a discharge between hyperboloidal electrodes 8-75217
- Sharan, R.**, Gupta, G., Kapoor, R.N. Reactions of oximes with bis(cyclopentadienyl)titanium(IV) chloride 8-92471
- Sharapov, A.K.** see Pupko, V.Ya. 8-66328
- Sharatchandra, H.S.** A simple derivation of the WKB energy levels via the path integral 8-77763
- Sharayevskiy, I.G.** see Shcherbakov, V.K. 8-75197
- Sharbaugh, A.H.**, Devins, J.C., Rzed, S.J. Progress in the field of electric breakdown in dielectric liquids 8-84523
- Shardanand** Temperature effect on nitrogen-induced absorption of oxygen in the Herzberg continuum 8-87429
- Shareck, M.W.**, Zech, R.G., Holmes, J.E. 3M and Kodak dry silver recording materials for laser imagery transmission applications 8-70209
- Shareck, M.W.** see Ralston, L.M. 8-70208
- Sharevskii, B.A.** see Bondar, V.N. 8-57966
- Sharf, V.G.**, Gabelova, N.A., Kobayakov, V.V. Isotopic hydrogen exchange in tropomyosin as a function of the state of ionization of the side groups 8-68979
- Sharfstein, A.** see Trichter, F. 8-68686
- Sharibdzhanov, R.I.** Theoretical values of the magnetic susceptibility of alkanes in the simple additive approximation 8-86775
- Sharif'yanov, F.Sh.** see Kaibyshev, O.A. 8-60908
- Sharimanov, Yu.G.** see Naskidashvili, I.A. 8-72431
- Sharipdzhanov, I.I.** see Bushman, A.V. 8-91414
- Sharivker, S.Yu.** see Klimenko, V.S. 8-94852
- Sharkey, J.M.** see Scupholme, P.L. 8-81383
- Sharkina, E.V.** see Tresvyatskii, S.G. 8-51495
- Sharko, A.V.** see Botaki, A.A. 8-53082, 8-76681
- Sharko, A.V.** see Levitan, L.Ya. 8-53114
- Sharkov, E.A.** see Bordonskii, G.S. 8-69353
- Sharkova, N.A.** see Borovskii, V.R. 8-83401
- Sharkova, O.P.** see Aksenov, M.S. 8-75459
- Sharlai, E.G.** see Suslina, L.G. 8-56071
- Sharlai, S.F.**, Serebryakov, V.A., Smurova, N.A., Rynkevich, N.P. Calculating the passage of short-duration Gaussian pulses through a resonance-amplifying medium. II. Amplification of divergent beams 8-55402
- Sharma, A.** see Thyagarajan, K. 8-83074
- Sharma, A.K.** Transverse self-focusing and filamentation of a laser beam in a magnetoplasma 8-67358
- Sharma, A.K.** see Agnihotri, O.P. 8-83046
- Sharma, A.K.** see Verma, H.R. 8-82307
- Sharma, A.P.** see Kaur, M. 8-70568
- Sharma, A.S.**, Buti, B. Modulational instability and envelope solutions of nonlinear dispersive wave equations 8-54199
- Sharma, A.S.**, Buti, B. Modulational instability of ion-acoustic-waves in two electron temperature plasmas 8-75301
- Sharma, A.S.** see Mohan, M. 8-91105
- Sharma, A.S.** see Shukla, P.K. 8-83555
- Sharma, B.**, Bose, T.K. A general expression for the Fourier transform of the gravity anomaly due to a fault 8-61300
- Sharma, B.D.**, Sonnenberg, K., Antesberger, G., Kesternich, W. Electrical resistivity of electron-irradiated concentrated Fe-Cr-Ni alloys during isochronal annealing 8-87962
- Sharma, B.L.**, Bharti, P.L., Mukerjee, S.N., Mohan, S. Low-temperature deposition of SiO₂ films on GaAs using tetraethoxysilane 8-60582
- Sharma, B.L.** see Hasan, T. 8-88321
- Sharma, B.L.** see Vyas, P.D. 8-75947
- Sharma, B.M.** Waves in a heavy incompressible fluid of finite depth and of variable density 8-59495
- Sharma, C.B.** Calculation of integrals involving characteristic beam functions 8-63359
- Sharma, D.K.**, Gupta, D.K. Hyperfine fields on rare-earths in ferromagnetic metals 8-87947
- Sharma, D.R.**, Verma, J.S. Radiation pattern of open ended waveguide in air core surrounded by annular plasma column 8-67366
- Sharma, D.R.** see Sharma, J.K.N. 8-81993
- Sharma, G.C.** see Gupta, S.P. 8-90962
- Sharma, H.G.**, Prakash, A. Flow of a second-order fluid in a curved pipe 8-59427
- Sharma, H.L.** see Barrier-Ronsin, G. 8-50089
- Sharma, H.P.** see Niwas, R. 8-52428
- Sharma, I.G.**, Gupta, C.K. Studies on electrorefining of calciothermic hafnium 8-68647
- Sharma, J.**, Iqbal, Z. X-ray photoelectron spectroscopy of brominated (SN)₄ and S₄N₄ 8-72678
- Sharma, J.** see Ernst, M.H. 8-71372
- Sharma, J.** see Lahiry, S. 8-52344
- Sharma, J.C.** see Shanker, J. 8-51463
- Sharma, J.C.** see Singh, A.V. 8-55929
- Sharma, J.K.** see Sodha, M.S. 8-51304, 8-59227, 8-91112
- Sharma, J.K.** see Tewari, D.P. 8-51305
- Sharma, J.K.N.**, Sharma, D.R. Pumping speed measurement of positive-displacement vacuum pumps 8-81993
- Sharma, J.P.** Study of the internal structure of a planet in general relativity 8-57477
- Sharma, J.P.** A new approach to study M-solutions of the Lane-Emden equation of index 5 8-61851
- Sharma, J.P.** see Dwivedi, A.P. 8-75065
- Sharma, K.C.** see Sharma, R.C. 8-55693, 8-63551, 8-87399, 8-91085
- Sharma, K.K.** see Saini, H.S. 8-57182
- Sharma, L.P.** see Agrawal, S.C. 8-63694
- Sharma, M.C.**, Sarma, S.B.S.S. Low and mid latitude total electron content observations during magnetic storms 8-77396
- Sharma, M.C.** see Sarma, S.B.S.S. 8-69589, 8-85769
- Sharma, M.L.**, Singh, L. Nuclear matter test for a separable non-local N-N interaction 8-58245
- Sharma, M.L.** see Krishnan, S. 8-62602
- Sharma, M.N.** see Gupta, C.L. 8-79672
- Sharma, M.N.** see Kant, A. 8-79715
- Sharma, O.P.** A pseudopotential study of the electronic properties of noble metals 8-51960
- Sharma, O.P.**, Singh, R.D. Vibrational spectra and assignments of 1 hydroxy, 2 hydroxy and 2, 6 dihydroxy naphthols 8-58681
- Sharma, O.P.** see Saini, H.S. 8-94038
- Sharma, O.P.** see Sethi, B.R. 8-76075
- Sharma, O.P.** see Shanker, J. 8-51463, 8-52420, 8-55833, 8-63693, 8-88275
- Sharma, P.K.**, Jai Prakash, Mehrotra, K.N. Ideal electrical resistivity of alkali metals 8-64022
- Sharma, P.K.** see Aggarwal, G.C. 8-57231
- Sharma, P.K.** see Khanna, K.N. 8-52205, 8-79922
- Sharma, P.R.**, Gupta, S.C., Varshney, B.S. On the Alad'ev wall superheat correlation 8-83393
- Sharma, P.V.** see Prasad, S.N. 8-85472
- Sharma, R.C.** Stability of rotating stratified fluid in the presence of a variable horizontal magnetic field 8-67246
- Sharma, R.C.**, Sharma, K.C. Compressibility and collisional effects on thermal instability of a partially ionized medium 8-55693
- Sharma, R.C.**, Sharma, K.C. Thermal instability of a partially ionized plasma 8-63551
- Sharma, R.C.**, Sharma, K.C. Rayleigh-Taylor instability of two superposed conducting fluids in the presence of suspended particles 8-87399
- Sharma, R.C.**, Sharma, K.C. Finite Larmor radius effect on thermal instability of a compressible plasma 8-91085
- Sharma, R.D.** Comparison of distorted wave and close-coupling results for scattering of HD by He at thermal energies 8-86938
- Sharma, R.P.** see Shodha, M.S. 8-83575
- Sharma, R.P.** see Sodha, M.S. 8-51304, 8-59602, 8-79436, 8-83573, 8-91112
- Sharma, R.P.** see Tewari, D.P. 8-51305
- Sharma, R.R.**, Kolman, R. Mossbauer quadrupole splitting of Fe in hemoglobin hydroxide 8-55192
- Sharma, R.S.**, Seshadri, V., Malhotra, R.C. Turbulent flow characteristics of solutions of hydroxylpropylmethyl cellulose 8-94649
- Sharma, S.** see Goel, R.K. 8-62780
- Sharma, S.C.**, Verma, J.S. Scattering due to cylindrical plasmas excited by the ring of electric currents 8-67357
- Sharma, S.C.**, Verma, J.S. Excitation of the cylindrical plasma columns with the ring of magnetic currents 8-75347
- Sharma, S.C.**, Verma, J.S. Plasma antenna system: dual-integral-equation method 8-75361
- Sharma, S.C.** see Tyagi, G.S. 8-55717
- Sharma, S.D.**, Mehrotra, K., Agrawal, V.K. Electron microscopic study of decomposition in vapour grown cadmium halide crystals 8-92268
- Sharma, S.D.** see Goel, R.K. 8-50663
- Sharma, S.K.** see Adams, D.M. 8-80328
- Sharma, S.K.** see Malhotra, G.L. 8-91561
- Sharma, S.K.** see Sharma, S.S. 8-64069
- Sharma, S.N.**, Gupta, R.B., Gupta, P.L., Dwivedi, C.P.D. Infrared and Raman spectra of 2-fluoro-5-bromo toluene 8-70830
- Sharma, S.P.** see Tompkins, H.G. 8-60870
- Sharma, S.R.** see Gupta, M.L. 8-69336
- Sharma, S.S.**, Sharma, S.K. Acoustic-wave absorption/amplification in nonparabolic degenerate semiconductors 8-64069
- Sharma, S.S.**, Singh, S.P. Amplification and change in velocity of acoustic waves due to external temperature gradient in piezoelectric semiconductors 8-84260
- Sharma, T.** see Lind, V.G. 8-89913
- Sharma, V.P.** see Singh, P. 8-59391, 8-87389, 8-90866
- Sharma, Y.P.** see Taub, H. 8-87870
- Sharmar, P.**, Hamilton, W.D., Cavaignac, J.-F., Charvet, J.-L., Hungerford, P., Vignon, B. A test for T violation by a directional correlation of cascade gamma rays emitted by polarised ⁴⁸Ti 8-62330
- Sharon, A.** see Bankoff, S.G. 8-94588
- Sharon, D.** Rainfall fields in Israel and Jordan and the effect of cloud seeding on them 8-73452
- Sharonov, G.N.** see Ivlev, A.I. 8-89421
- Sharonov, Yu.A.**, Mineyev, A.O., Livshitz, M.A., Sharonova, N.A., Zhurkin, V.B., Lysov, Yu.P. Magnetic circular dichroism studies of myoglobin, hemoglobin and peroxidase at room and low temperatures. Ferrous high spin derivatives 8-76997
- Sharonov, Yu.D.** see Borozdin, V.S. 8-50650
- Sharonova, N.A.** see Sharonov, Yu.A. 8-76997
- Sharov, V.G.** Turbulent boundary layer on a chemically active surface with a negative pressure gradient 8-79389
- Sharov, V.G.** see Kaney, S.N. 8-79317
- Sharovarov, G.A.** Basic dynamics of an atomic power plant with a dissociating coolant. I. The coolant as a dynamic system 8-58344
- Sharovarov, G.A.** see Tashchilova, E.M. 8-58345
- Sharp, G.R.** see Misra, S.R. 8-68359
- Sharp, L.R.**, Hickman, D.R., Rice, C.J., Straus, J.M. The altitude dependence of the local time variation of thermospheric density 8-61636

- Sharp, M.** A possible orientation effect in redox reactions of molecules which are chemically bound to electrode surfaces 8-73077
- Sharp, R.D.** *see* Shelley, E.G. 8-85810
- Sharp, R.T.** *see* Gaskell, R. 8-49633
- Sharp, T.E.** *see* Payne, G.L. 8-94935
- Sharp, W.B.A.** *see* Conway, B.E. 8-84059
- Sharp, W.E.** The ultraviolet aurora: the spectrum between 2100 Å and 2300 Å 8-88963
- Sharp, W.E.** *see* Shyn, T.W. 8-74766
- Sharpatiy, V.A.,** Cadet, J., Teoule, R. Final products obtained from the gamma radiolysis of frozen aqueous solutions of thymidine 8-77001
- Sharpe, I.W.** *see* Barrie, R. 8-56468
- Sharpe, L.T.,** Lakowski, R. Color-measurement performance of the Zeiss Automatic Colorimeter RFC-3 8-54426
- Sharpe, M.R.,** Irish, D. Stray light in diffraction grating monochromators 8-94445
- Sharpe, W.N., Jr.,** Payne, T.S., Smith, M.K. Biaxial laser-based displacement transducer 8-73967
- Sharpey-Schafer, J.F.** *see* Al-Naser, A.M. 8-93960
- Sharpey-Schafer, J.F.** *see* Lister, C.J. 8-62588
- Sharples, J.K.** *see* Frost, N.E. 8-55595
- Sharpless, R.L.** *see* Black, G. 8-82828
- Sharrow, S.O.** *see* Miller, M.H. 8-86348
- Sharry, J.** *see* Lin-gun Liu 8-75825
- Sharsunov, A.G.** *see* Svitashchev, K.K. 8-62219
- Sharts, A.A.** Experimental investigation of the Reiner centripetal effect in liquids 8-51174
- Sharts, A.A.** Temperature influence in use of an interference method to study the effects of normal stresses 8-94624
- Sharvin, S.V.** *see* Gor'yachev, V.A. 8-80485
- Sharvin, Yu.V.** *see* Bronovoi, I.L. 8-80054
- Sharyl, V.M.** *see* Kostyshin, M.T. 8-92125
- Sharykin, N.K.** *see* Braude, S.Ya. 8-57461, 8-57471, 8-57663, 8-57664
- Shashi Mohan, A.L.** *see* Palanna, O.G. 8-59991
- Shashidhar, M.A.,** Suryanarayana Rao, K. Electronic absorption spectrum of 4-bromoisquinoline 8-58714
- Shashidhar, M.A.,** Suryanarayana Rao, K. Electronic absorption spectra of 2-, 3- and 7-methyl indoles 8-58716
- Shashidhar, M.A.** *see* Shanbhag, P.V. 8-86879
- Shashidhar, R.** *see* Ratna, B.R. 8-60376
- Shashkin, V.V.** *see* Ziling, K.K. 8-59120
- Shashkov, I.E.** Stability of a compressed and twisted bar 8-63282
- Shashkov, V.M.** *see* Martynova, N.G. 8-65430
- Shashkov, V.M.** *see* Naumov, V.G. 8-71117
- Shashkova, T.N.** *see* Fialkov, A.S. 8-68715
- Shashmin, V.A.** *see* Andronenko, M.N. 8-78551
- Shashmin, V.E.** *see* Andronenko, M.N. 8-78550
- Shashora, V.I.** *see* Bass, F.G. 8-88047
- Shashurin, I.P.** *see* Gryaznova, T.A. 8-67438
- Shaskol'skaya, M.P.** *see* Lebedeva, V.N. 8-87736
- Shastin, V.N.** *see* Andronov, A.A. 8-60336
- Shastri, K.** *see* Cnops, A.M. 8-78167
- Shastri, B.Sriram** *see* Sriram Shastri, B.
- Shastri, C.S.** *see* Kulhar, V.S. 8-58873
- Shastri, S.,** Emigh, R.A., Peterson, R.J., Anderson, R.E. The $^{85}\text{Rb}(p,d)^{84}\text{Rb}$ reaction 8-82338
- Shatalov, V.M.** Quasi-molecular model interpretation of the resonances in the fundamental absorption region of valence semiconductors 8-76490
- Shatalov, V.M.,** Telezhkin, V.A., Tolpygo, K.B. Inadequacy of the direct interband transition scheme applied to valence semiconductor fundamental absorption spectra 8-63972
- Shatalov, Yu.S.** *see* Vlasov, V.V. 8-67013, 8-79196
- Shatashvili, L.Kh.** 27-day cosmic-ray modulation with allowance for the radial attenuation of the azimuthal asymmetry of the solar wind 8-73592
- Shaternikov, V.E.** Interaction of electromagnetic-transducer fields with conducting bodies of complex shape 8-72964
- Shaternikov, V.E.** *see* Ablamunets, I.G. 8-60938
- Shaternikov, V.E.** *see* Kurozaev, V.P. 8-53078
- Shatinskii, V.F.,** Drobot, V.V., Goikhan, M.S., Kondyr', A.I. The preparation of a diffusion coating on a molybdenum alloy in liquid-metal solutions 8-56816
- Shatkovskii, E.V.** *see* Tamashyavichyus, A.V. 8-52016
- Shatornaya, N.V.** *see* Gorbunova, I.V. 8-57172
- Shatova, L.I.** *see* Andreeva, I.B. 8-94473
- Shatrov, A.D.** Ray statistics of multimodal optical fibers 8-94450
- Shatsova, R.B.,** Malysheva, T.G. A local structure-kinematic relation in the Galaxy 8-77608
- Shattuck, T.W.** *see* Pines, A. 8-76353
- Shatunov, Yu.M.** *see* Budker, G.I. 8-62667
- Shatynski, S.R.,** Grabke, H.J. The kinetics of carburization of γ -iron in CO-He and CO-H₂ atmospheres at 920°C 8-85024
- Shaub, B.** *see* Marine, J. 8-68553
- Shaub, J.S.** *see* Sun, D. 8-81427
- Shaub, W.M.,** Bauer, S.H. The reduction of nitric oxide during the combustion of hydrocarbons: methodology for a rational mechanism 8-85161
- Shaughnessy, E.J.,** Douglass, R.W. The effect of stable stratification on the motion in a rotating spherical annulus 8-94797
- Shaughnessy, J.O.,** Pomeroy, W.R.M. Single-beam atmospheric transverse velocity measurement 8-53747
- Shaikatullah, H.,** Gebhart, B. Effect of flow direction on calibration of hot-film anemometers at low velocities 8-91043
- Shaulov, A.Yu.,** Novikov, V.U., Ovchinnikov, A.N., Kharitonov, A.S., Salamatina, O.B. Study of the relaxation properties of the homogeneous three-dimensional cross-linked system diepoxide-polyepoxide 8-51450
- Shaulov, A.Yu.** *see* Zhorin, V.A. 8-51678
- Shave, A.J.** *see* Alper, B. 8-70414
- Shave, A.J.** *see* Brown, R.M. 8-82231
- Shaver, D.C.** *see* Flanders, D.C. 8-63666
- Shaver, P.A.** Extragalactic radio recombination lines 8-86030
- Shaver, P.A.,** Danks, A.C. Radio and infrared observations of the OH/H₂O source G12.2-0.1 8-57620
- Shaver, P.A.** *see* Weiler, K.W. 8-57618
- Shaverdyan, F.M.** *see* Arakelyan, V.S. 8-63843
- Shavishvili, T.M.** *see* Meskhishvili, A.I. 8-68148
- Shavitt, I.** *see* Bauschlicher, C.W., Jr. 8-74582
- Shaviv, G.** The URCA convection 8-89189
- Shaviv, G.** *see* Bath, G.T. 8-53964
- Shaviv, G.** *see* Contini, M. 8-85997
- Shaviv, G.** *see* Shara, M.M. 8-65621
- Shavrin, P.I.** *see* Senchuro, I.N. 8-96350
- Shavrov, V.G.** *see* Buchel'nikov, V.D. 8-76267
- Shaw, C.G.,** Fain, S.C., Jr., Chinn, M.D. Observation of orientational ordering of incommensurate argon monolayers on graphite 8-95233
- Shaw, D.E.** Mechanics of a chain of dominoes [Student experiment and computer program] 8-62009
- Shaw, F.** *see* Fellows, C.J. 8-80500
- Shaw, G.H.** Effects of core formation 8-61368
- Shaw, G.H.** Elastic behavior near phase transitions with negative dP/dT 8-83885
- Shaw, G.H.** Interpretation of the low velocity zone in terms of the presence of thermally activated point defects 8-88806
- Shaw, H.W.,** Kennedy, L. A direct examination of volume effects when insonation is superimposed during mechanical deformation processes 8-60723
- Shaw, J.** *see* Crooks, M.J. 8-73813
- Shaw, J.H.** *see* Chang, Y.S. 8-85643
- Shaw, J.H.** *see* Lin, C.L. 8-54473
- Shaw, M.C.,** Komadunuri, R. Brittle fracture under biaxial normal stress 8-68869
- Shaw, M.C.** *see* Komanduri, R. 8-56784
- Shaw, N.** *see* Robertson, D.S. 8-84784
- Shaw, P.B.,** Whitfield, G. Vibrational excitations of a one-dimensional electron-phonon system in strong coupling 8-51907
- Shaw, R.** Evaluating the efficiency of imaging processes 8-78932
- Shaw, R.** Semi-empirical extrapolation and estimation of rate constants for abstraction of H from methane by H, O, HO, and O₂ 8-95921
- Shaw, R.** *see* Petraske, A.K. 8-61374
- Shaw, R.G.** *see* Iddings, F.A. 8-53308
- Shaw, R.H.H.** *see* Anand, S.C. 8-90719
- Shaw, R.P.** Radiation from a submerged elastic shell defined by nonconcentric cylinders 8-90572
- Shaw, S.M.** *see* Graham, B.W. 8-85387
- Shaw, T.L.** An appraisal of the tides as an alternative energy source [for teachers] 8-86091
- Shaw-Guang Huang,** Rogers, M.T. ¹³C and ¹⁹F nuclear relaxation in CFB₃ 8-76330
- Shawhan, S.D.,** Falthammer, C.G., Block, L.P. On the nature of large auroral zone electric fields at 1-R_e altitude 8-57397
- Shawhan, S.D.** *see* Pejelski, E.F. 8-88977
- Shawhan, S.D.** *see* Sha-Lin Chen, H. 8-65596
- Shawki, G.S.A.** Dynamic severity criterion for designing against high cycle fatigue 8-60759
- Shawyer, R.E.,** Peggs, G.N. Particle scattering from a surface with regular, one-dimensional roughness elements 8-92166
- Shay, H.D.,** Haas, R.A., Krue, W.L., Boyle, M.J., Phillion, D.W., Rupert, V.C., Kornbulum, H.N., Rainer, F., Slivinsky, V.W., Koppel, L.N., Richards, L., Tirsell, K.G. Interaction of 1.06 μm laser radiation with variable targets 8-91132
- Shay, J.L.** *see* Bachmann, K.J. 8-49895
- Shay, J.L.** *see* Bettini, M. 8-52062
- Shay, T.** *see* Butterfield, K.B. 8-66653
- Shaya, S.Y.,** Smith, C.W. The effects of magnetic and radiofrequency fields on the activity of lysozyme 8-61136
- Shaya, S.Y.,** Smith, C.W., Heathcote, J.G. Percutaneous electrophoresis of amino acids and urea 8-61237
- Shayler, P.J.** Laser beam distribution in the focal region 8-90441
- Shayler, P.J.,** Fang, M.T.C. Radiation loss from nitrogen arcs 8-71581
- Shayler, P.J.,** Fang, M.T.C. Radiation transport in wall-stabilized nitrogen arcs 8-79486
- Shayo, L.K.,** Ellen, C.H. A simple approximate expression for the natural frequencies of circular cross-section cantilever pipes 8-63365
- Shayo, L.K.,** Ellen, C.H. Theoretical studies of internal flow-induced instabilities of cantilever pipes 8-63496
- Shchagina, N.M.** *see* Fedotov, A.P. 8-80341
- Shchandin, P.M.** *see* Kaz'min, G.S. 8-78517
- Shchanov, M.F.** The influence of pressure on zero-phonon lines of organic crystal impurities 8-76502
- Shchanov, M.F.,** Subbotin, S.I. High-pressure calibration in chambers using shift of ruby R₁-luminescence line in temperature range 80-550K 8-86284
- Shchapov, A.N.,** Basaev, R.M., Oleinik, E.F., Chernyakovskii, F.P. Study of slow molecular motions in cured network polymers by the quadratic electrochromism method 8-71688
- Shchapov, G.A.** *see* Margulova, T.Kh. 8-50280
- Shchavalev, O.S.,** Babkina, V.A., Elina, N.N., Didenko, L.A., Molev, V.I. The thermo-optical and photoelastic properties of some glass-forming metaphosphates 8-88287
- Shchedrin, B.M.** *see* Burova, E.M. 8-79501
- Shchedrin, B.M.** *see* Rol'bin, Yu.A. 8-79500
- Shchedrin, E.I.** *see* Sagaradze, V.V. 8-85048
- Shchedrin, M.I.** *see* Dem'yanov, V.V. 8-52419
- Shchedrinskii, M.M.** Additional measured flashing as a technical and artistic means 8-54486
- Shchegelsky, V.A.** *see* Kravtsov, A.V. 8-93902
- Shcheglov, V.A.** *see* Krutova, V.G. 8-79015
- Shcheglov, V.A.** *see* Virnik, Ya.Z. 8-59001, 8-71120
- Shcheglov, V.I.** *see* Yurchenko, S.E. 8-91915
- Shcheglov, V.P.** Astronomical azimuths of terrestrial objects as indicators of the rotational motions of the continental blocks 8-53613
- Shcheglova, L.M.** *see* Batskovich, S. 8-55118
- Shcheglova, L.M.** *see* Kladnitskaya, E.N. 8-54662
- Shcheglova, Ye.A.** *see* Pertsov, A.M. 8-64956
- Shchegol, S.S.** *see* Krivorotov, N.P. 8-57975
- Shchegolev, B.F.,** Pomes, R., Shepelev, Yu.F. Calculation of the electron structure of [Si₂O₆(OH)₂]⁶⁻ and [P₂O₄(OH)₄]²⁻ groups 8-67971
- Shchegolev, I.F.** *see* Laukhin, V.N. 8-95316
- Shchegolev, S.Yu.,** Kheibitsov, N.G., Klenin, V.I. Allowance for nonpherical particles in determining the parameters of disperse systems by the turbidity-spectrum method. III 8-55302
- Shchegolev, V.A.** *see* Tret'yakova, S.P. 8-86714
- Shchekin, K.I.** *see* Vaigachev, A.A. 8-78574
- Shchekotov, O.E.** *see* Bushmen, A.V. 8-71434
- Shchelchikova, I.N.** *see* Buyevich, Yu.A. 8-67255
- Shchelev, M.Ya.** *see* Kil'pio, A.V. 8-86747
- Shchelkacheva, T.I.** *see* Tareeva, E.E. 8-63857
- Shchelkotunov, V.A.** *see* Kesler, Ya.A. 8-51703
- Shchelkunov, K.N.,** Braude, V.V., Model', M.D. The carrying capacity of optical communication channels 8-78934
- Shchelokov, A.N.** *see* Babin, A.A. 8-83032
- Shchelukhin, E.M.,** Burskii, V.P., Bakumenko, S.P., Yakushev, O.S., Afanas'ev, N.D. Laminar rotation of a conducting fluid in a cylindrical vessel under the action of conduction forces 8-75222
- Shchenev, V.V.** *see* Rozanov, L.N. 8-71398
- Shchepetkin, A.A.** *see* Karpasyuk, V.K. 8-76270
- Shchepetkin, Yu.P.** Liquid optical element for image stabilisation 8-55462
- Shcherba, L.D.** *see* Belyaeva, A.A. 8-50547
- Shcherbai, K.S.** *see* Sandulova, A.V. 8-52650
- Shcherbakov, A.S.** *see* Lipovskii, A.A. 8-66927
- Shcherbakov, G.V.** *see* Gordeev, V.A. 8-52416
- Shcherbakov, I.A.** *see* Basiev, T.T. 8-80417
- Shcherbakov, I.A.** *see* Dmitriyuk, A.V. 8-52573
- Shcherbakov, V.K.,** Semena, M.G., Sharayevskiy, I.G. An approximate method for calculating the heat-transfer agent flowrate through a plane-parallel porous heat-pipe wick 8-75197
- Shcherbakov, V.N.** *see* Ivanov, A.P. 8-70181
- Shcherbakov, V.P.** *see* Bol'shakov, A.S. 8-88142
- Shcherbakov, Yu.K.,** Tairova, L.P. Development and application of the Moire method in solar engineering problems 8-90477
- Shcherbakov, Yu.V.** *see* Kharitonov, Yu.N. 8-60411
- Shcherbakova, T.I.** *see* Bukharov, M.V. 8-60308
- Shcherbakova, T.N.** *see* Zhiglinskii, A.G. 8-70196
- Shcherban', A.N.,** Tarasevich, V.N. Some steady-state problems in thermal conductivity for a thin metal wire heated by an electrical current 8-59285

- Shcherbedinskii, G.V. *see* Isakov, M.G. 8-63938
- Shcherbinina-Samoilova, M.B. *see* Gaidukov, Yu.P. 8-51874
- Shcherbinin, E.V. *see* Sharamkin, V.I. 8-75217
- Shcherbinin, P.P. *see* Volkov, A.D. 8-71552, 8-79479
- Shcherbinin, V.E., Mikhailov, S.P. Experimental study of the image of a local magnetic field recorded on magnetic tape without bias 8-53129
- Shcherbinin, V.E., Mikhailov, S.P. Image of a local field on magnetic tape obtained by recording without bias 8-53130
- Shcherbinin, V.E., Pashagin, A.I. Effect of the boundaries of the specimen on the defect field 8-53093
- Shcherbinin, V.E., Shur, M.L. Calculating the effect of the boundaries of a product on the field of a cylindrical defect 8-53150
- Shcherbinin, V.E. *see* Mikhailov, S.P. 8-72965, 8-72966
- Shcherbinin, V.E. *see* Morozov, E.V. 8-53080
- Shcherbinin, V.E. *see* Shur, M.L. 8-72986
- Shcherbinin, V.I. *see* Popov, Yu.A. 8-83490
- Shcherbinskii, G.G. Reliability of the ultrasonic defectometry of welds 8-56858
- Shcherbinskii, V.G. *see* Belyi, V.E. 8-56867
- Shcherbov, V.A. Microwave interferometer for plasma diagnostics with fourfold passage of signal through plasma 8-7487
- Shchereva, S. Effect of ultrasonic energy on the level of the thyroid substances in the blood serum 8-69134
- Shchetinin, Yu.T. *see* Blinkov, V.A. 8-77363
- Shchetkovsky, A.I. *see* Kravtsov, A.V. 8-93902
- Shchigrin, B.N. *see* Maslov, L.A. 8-60952
- Shchikh, R.B. *see* Grdlichko, D.P. 8-71563
- Shchinov, B.G. *see* Aleksandrov, V.S. 8-66436
- Shchkin, E.D. *see* Polukarov, Z.M. 8-56736
- Shchukarev, S.A. *see* Grigor'eva, E.G. 8-83965
- Shchukin, A.A. *see* Korotaev, A.D. 8-84836
- Shchukin, E.D., Yushchenko, V.S. Molecular dynamics of wetting 8-51789
- Shchukin, E.D. *see* Geguzin, Ya.E. 8-51830
- Shchukin, E.D. *see* Kononenko, V.G. 8-53269
- Shchukin, E.D. *see* Kontorovich, S.I. 8-53270
- Shchukin, E.D. *see* Savenko, V.T. 8-53000
- Shchukin, E.D. *see* Yushchenko, V.S. 8-51790
- Shchukin, E.R. *see* Yalamos, Yu.I. 8-79364
- Shchukin, N.F. *see* Koptsik, S.V. 8-64304
- Shchukin, P.S., Loshnikov, G.A. Model EMP-3 electromechanical attachment for ultrasonic defectoscopes 8-72975
- Shchukin, V.A. Propagation velocities of ultrasonic waves in various metals and alloys 8-72982
- Shchukin, V.K., Idiatullin, N.S., Filin, V.A., Yakshin, A.A. Heat exchange of a gas-suspension flow in a short curvilinear channel 8-63484
- Shchukin, V.K. *see* Khalatov, A.A. 8-71338, 8-83489
- Shchurin, Yu.P. *see* Lapin, V.V. 8-53140
- Shchurov, A.F. *see* Fridman, Yu.B. 8-60916
- She Chiao-Yao *see* Chiao-Yao She
- She, M.A. *see* Binder, O.H. 8-93058
- Shea, M.A. *see* Dryer, M. 8-57422
- Shea, R. *see* Scully, M.O. 8-77765
- Shea, R.F. *see* Accetta, J.S. 8-83018
- Sheaff, M. *see* Bunce, G. 8-93878
- Sheaff, M. *see* Edwards, R.T. 8-82393
- Sheaff, M. *see* Heller, K. 8-82253
- Sheahan, R., Hathaway, B. The calculation of the molecular orbital parameters for the square coplanar $\text{Cu}(\text{NH}_3)_4^{2+}$ cation in $\text{Cu}(\text{NH}_3)_4\text{PtCl}_4$ 8-64011
- Shealy, D.L. *see* Burkhard, D.G. 8-50896, 8-83062
- Shear, R. Effects of shading in images 8-78922
- Sheard, F.W. *see* Challis, L.J. 8-67779
- Shearer, G.D. *see* Schwenk, E.B. 8-52874
- Sheau-Yun Wu *see* Theresa *see* Theresa
- Sheau-Yun Wu Fou
- Shebalov, A.N. *see* Avdeev, F.N. 8-90619
- Sheboul, M.I. *see* Ekarot, W. 8-51901
- Shechter, H. *see* Bukshpan, D. 8-52403
- Shechtman, D., Eylon, D. On the unstable shear in fatigued β -annealed Ti-11 and IMI-685 alloys 8-84984
- Sheehan, W.F. Dissociation energies, electron affinities, and electronegativities of diatomic molecules. An empirical correlation with predictions for XY , XY^+ , and XY^- 8-62943
- Sheem, S.K., Burns, W.K., Milton, A.F. Leaky-mode propagation in Ti-diffused LiNbO_3 and LiTaO_3 waveguides 8-87149
- Sheem, S.K., Giallorenzi, T.G. Two-dimensional silicon grooves for altitudinal alignment in fiber end-butt coupling 8-87148
- Sheen, S.H., Dimoplon, G., Parks, E.K., Wexler, S. Collision-induced ion-pair formation of CsCl and Cs_2Cl_2 8-73029
- Sheen, S.H. *see* Parks, E.K. 8-88627
- Sheerer, T.J. *see* Birss, R.R. 8-92515
- Sheffer, E.K. *see* Novikova, G.V. 8-54079
- Sheffield, J.S. *see* Saffman, P.G. 8-63444
- Shelfmel', S.I. *see* Amus'ya, M.Ya. 8-50507
- Shelov, N.N. *see* Krassovsky, V.I. 8-93025
- Sheftel', M.B. *see* Greim, I.A. 8-50882, 8-55426
- Sheftel', M.M. *see* Stuchinskiy, G.B. 8-56550
- Sheftel', N.I. *see* Krupin, A.V. 8-52717
- Sheftel, V.M. *see* Chetaiev, D.N. 8-61687
- Shegal, V.V. *see* Imenitova, E.V. 8-51114
- Shehawy, E.F.E., Mohamed, A.E.M.A. Electrohydrodynamic stability of a viscous circular interface 8-59497
- Shei, S.-A., Langdon, T.G. The mechanical properties of a superplastic quasi-single phase copper alloy 8-52891
- Shei Sun-Sheng *see* Sun-Sheng Shei
- Sheidl, W. The excitation of an elastically supported rigid cylinder by a harmonic Rayleigh wave, and the influence of the free surface 8-87296
- Sheih, C.M. A puff-on-cell model for computing pollutant transport and diffusion 8-85682
- Sheih, C.M. *see* Hicks, B.B. 8-61458
- Sheikh, N.M., Neske, E., Rawer, K., Rebstock, C. Comparison of peak electron densities of the F2-layer derived from in situ measurements with CCIR predictions 8-57394
- Sheikh-Zamanova, R.N., Ponomarev, V.F. Electrical conductivity of solid solutions based on Ga_2Te_3 8-51988
- Sheiko, Yu.A. Equivalent circuit of a flexurally vibrating multielectrode piezoelectric bar 8-94481
- Sheiman, V.A. Optimization of the oscillatory drying process 8-83215
- Shein, Yu.L. *see* Bursak, A.V. 8-78270
- Shein, Yu.V. *see* Goryushkin, S.I. 8-77889
- Sheindin, A.E., Gorbunova, N.I., Simonov, V.M. Enthalpy of dissociated nitrogen tetroxide with pressures up to 30 MPa and temperatures to 782K 8-73073
- Sheinerman, S.A. *see* Amus'ya, M.Ya. 8-50507
- Sheinfain, R.Yu. *see* Stas', O.P. 8-53263
- Sheinina, A.E. *see* Bereznyak, N.G. 8-75824
- Sheinker, M.E. *see* Povsher, A.A. 8-68161
- Sheinkman, M.K. *see* Bobyl', A.V. 8-68559, 8-76110, 8-84259
- Sheinkman, M.K. *see* Luk'yanchikova, N.B. 8-52450
- Sheinkman, M.K. *see* Ostapenko, S.S. 8-88343
- Sheinman, I. *see* Tene, Y. 8-79210
- Shek, M.-L., Withrow, S.P., Weinberg, W.H. Electron beam induced desorption and dissociation of CO chemisorbed on Ir(111) 8-56043
- Sheka, D.I. Some aspects of the theory of Schottky-barrier diodes 8-84295
- Sheka, D.I., Sheka, V.I., Korol', A.N. Spatial dispersion of the permittivity of InSb-type semiconductors 8-67967
- Sheka, D.I. *see* Sidenko, T.S. 8-80061
- Sheka, E.F., Makarova, V.S., Simonovskaya, E.D. Spectroscopy of molecular crystals—A bibliography for 1976 8-72585
- Sheka, E.F. *see* Bokhenkov, E.L. 8-51629, 8-79690
- Sheka, V.I. *see* Sheka, D.I. 8-67967
- Shekhovtsova, L.K., Kamyshev, V.M., Men', A.N. Use of the cluster-component method to calculate the thermodynamic evaporation characteristics of refractory carbides 8-51704
- Shekhter, R.I. *see* Bogachek, E.N. 8-84261
- Shekhter, V.M. *see* Batskovich, S. 8-55118
- Shekhter, V.M. *see* Kladnitskaya, E.N. 8-54662
- Shekhter, Yu.L. *see* Petukhov, B.S. 8-83365, 8-90902
- Shekhtman, L.A. *see* Matveeva, I.A. 8-49807
- Shekhtman, V.L. Quadratic Stark effect of impurity centers in crystals. III. Jahn-Teller effect in electroabsorption spectra 8-68536
- Shekhtman, V.L. *see* Akimov, A.V. 8-91400
- Shekhtman, V.Sh. *see* Aptekar', I.L. 8-71855
- Shekhtman, V.Sh. *see* Belash, I.T. 8-88145
- Shekoyan, A.V. *see* Melkumyan, G.H. 8-75010
- Shekoyan, M.G. *see* Smokovkina, G.S. 8-84746
- Shekrladze, I.G. Analysis of linear film condensation from a moving vapor 8-59459
- Shekrladze, I.G., Rusishvili, D.G. Experimental investigation of heat transfer in boiling of some cryogenic liquids and condensation of their vapors 8-79192
- Shel', M.M. *see* Smirnov, A.S. 8-88608
- Shelaev, A.N. *see* Kornienko, L.S. 8-50835
- Shelagin, A.V. *see* Stepanov, A.V. 8-87593
- Shelankov, A.L. Electric field in gapless superconductors 8-72305
- Shelankov, A.L. Electric field in superconductors with magnetic impurities 8-88070
- Shelazhenko, S.V. *see* Titov, V.V. 8-91243
- Shelby, J.E. Effect of morphology on helium mobility in soda-lime-silica glasses 8-67864
- Shelby, R.M. *see* Harris, C.B. 8-74737
- Sheldon, E. *see* Karatzas, P.T. 8-62529
- Sheldon, J.W., Muschlitz, E.E., Jr. Quenching cross sections for $\text{Ar}(\text{P}_{0,2})$ and $\text{Kr}(\text{P}_{0,2})$ by H_2O and D_2O 8-70912
- Sheldon, W.R. *see* MacLennan, C.G. 8-81507
- Sheldrick, G.M. *see* Minshall, P.C. 8-51486
- Sheleg, A.U. *see* Savastenko, V.A. 8-87734
- Shelekhov, E.V. *see* Andreev, Yu.G. 8-79565
- Shelepin, L.A. *see* Makhviladze, T.M. 8-50863
- Shelepin, L.A. *see* Reshetnyak, S.A. 8-91067
- Shelepin, O.E. *see* Popov, A.P. 8-76975
- Shelest, D.K. *see* Lopukhin, V.A. 8-70092
- Shelest, V.P. *see* Kobushkin, A.P. 8-70333
- Sheley, C.F. A convenient synthesis of 4-alkyl and 4-cyano thiophenols 8-51408
- Shelgunov, G.Y. *see* Dinaburg, L.B. 8-57961
- Shelgunov, G.Ya. *see* Dinaburg, L.V. 8-57992
- Shelikhov, G.S., Aleksandrov, A.G. Coagulation of the particles in a magnetic suspension and its influence on the sensitivity of the magnetic-powder method of testing 8-60942
- Shelimanov, V.A. *see* Borovskii, V.R. 8-83401
- Sheline, R.K., Mann, L.G., Struble, G.L., Lanier, R.G., Carlson, J.B. Alignment of the $K=2^-$ octupole and ground-band angular momenta in ^{180}W 8-78237
- Sheline, R.K. *see* Ragnarsson, I. 8-86493
- Sheline, R.K. *see* Struble, G.L. 8-66212
- Sheline, R.K. *see* von Egidy, T. 8-66215
- Sheline, R.K. *see* Yamazaki, Y. 8-78267
- Shelkov, N.V. *see* Baranova, L.I. 8-50949
- Shelkovnikov, N.I., Seleznev, N.N., Timofeev, V.V. Dynamics of a thermal wedge at a sea coast zone 8-81205
- Shellan, J.B., Agmon, P., Yeh, P., Yariv, A. Statistical analysis of Bragg reflectors 8-66882
- Shellan, J.B., Ng, W., Yeh, P., Yariv, A. Transverse Bragg-reflector injection lasers 8-74926
- Shelley, E.G., Sharp, R.D., Johnson, R.G., Geiss, J., Eberhardt, P., Balsiger, H., Haerendel, G., Rosenbauer, H. Plasma composition experiment on ISEE-A 8-85810
- Shelopot, D.V. *see* Avdienko, K.I. 8-95575
- Shelopot, D.V. *see* Mastikhin, V.M. 8-71165
- Shelopot, D.V. *see* Shelopot, T.A. 8-55420
- Shelopot, T.A., Shelopot, D.V., Glushkov, V.F. Photoelastic properties of some chalcogenide glasses 8-55420
- Shelton, B.R., Searle, C.L. Two determinants of localization acuity in the horizontal plane 8-85323
- Shelton, G.B. *see* Hunt, G.H. 8-61752
- Shelton, J.C., Reinhart, F.K., Logan, R.A. Rib waveguide switches with MOS electrooptic control for monolithic integrated optics in $\text{GaAs-AlGa}_{1-x}\text{As}$ 8-87168
- Shelton, R.L., Johnson, A.F., Arndt, W.B. Delayed judgment speech-sound discrimination and /r/ or /s/ articulation status and improvement 8-65060
- Shelton, R.N. *see* Lynn, J.W. 8-68125, 8-76190
- Shelton, R.N. *see* Oseroff, S. 8-88184
- Shelton, T.C., Stark, J.P. The coarsening of cementite within a 1080 steel in a temperature gradient 8-88486
- Shelukhin, I.O. The statistical properties of the field scattered by a cylinder 8-55284
- Shelukhina, V.K. *see* Okhotsimskii, D.E. 8-69639
- Shelus, P.J. *see* Benedict, G.F. 8-89107
- Shemaeva, I.N. *see* Ulyanov, K.N. 8-67511
- Shemagin, I.M., Lapshin, R.M. Determination of stability limits of laminar flow of vapor in film boiling 8-90832
- Shemansky, D.E. *see* Sandel, B.R. 8-81673
- Shemansky, D.E. *see* Smith, G.R. 8-96416
- Shemdin, O. *see* Hasselmann, K. 8-81418
- Shemdin, O.H., Brown, W.E., Jr., Staudhammer, F.G., Shuchman, R., Rawson, R., Zelenka, J., Ross, D.B., McLeish, W., Berles, R.A. Comparison of in situ and remotely sensed ocean waves off Marineland, Florida 8-77248
- Shemeljov, Y.V. *see* Skvortsov, A.I. 8-51589
- Shemetov, V.V. *see* Vorob'ev, V.V. 8-71159
- Shemyakin, E.I. *see* Revuzhenko, A.F. 8-83869
- Shemyakin, I.A. *see* Bychkov, Yu.I. 8-83629, 8-83630
- Shen, B. *see* Baum, L. 8-89758
- Shen, C.H. *see* Chu, S.L. 8-86674
- Shen, L. *see* Tsay, Y.C. 8-68269
- Shen, L.Y.L. Angular distribution of molecular beams from modified Knudsen cells for molecular-beam epitaxy 8-60586
- Shen, M. *see* Akaoli, G. 8-52919
- Shen, M. *see* Ninomi, M. 8-51442
- Shen, M.C., Shih, S.M. Comments on 'Asymptotic theory for peristaltic transport in a tube of arbitrary cross section' 8-91014
- Shen, M.-C. *see* Carasso, A. 8-75160
- Shen, S.A., Langdon, T.G. The activation energies for plastic flow in a superplastic copper alloy 8-64584
- Shen, S.S., Schwall, R.E. Losses and transient field effect in superconducting cables for PF and TF coils 8-62635
- Shen, S.Y., Halperin, W.P., Ketterson, J.B. Fiberglass insert to liquid helium Dewar 8-57967
- Shen, S.Y., Ketterson, J.B., Halperin, W.P. Refrigeration by adiabatic demagnetization of nuclear spins 8-49844
- Shen, Y.D. *see* Garner, C.M. 8-95349
- Shen, Y.R. *see* Chiang, T.C. 8-60517, 8-76525

- Shen, Y.R. *see* Grant, E.R. 8-82800
 Shen, Y.R. *see* Yu, P.Y. 8-72511
 Shen Hui-wang *see* Tsai Chi-kung 8-84812
 Shen Jian-Ping *see* Li Guang-Lie 8-82306
 Shen Jian-Ya A discussion on the incident angles of the focusing beam projecting on the covered area on the outer surface of tube wall under NDT 8-80686
 Shen Jiu-Sheng *see* Sun Chi-Chang 8-82406
 Shen Jue-Lian On the theory of second order phase transition and an exposition on the non-validity of Lifshitz condition 8-51643
 Shen Zhu-Tong, Wang Li Jun, Yang Yi-Juan, Nie Jian-Jun, Liu Yu-Ming, Zhang Jun The mechanism of sintering polycrystal diamond under high pressure—The interaction between the binary inclusions and diamond 8-80484
 Shen-Ling Lee *see* Lee Shen-Ling
 Shenavrin, V.I. *see* Doroshenko, V.T. 8-61860
 Shender, E.F. Collective excitations in spin glasses (C2111) 8-56322
 Shender, E.F. Disordered antiferromagnetic substances with magnetic atom concentrations near the percolation threshold 8-80171
 Shender, E.F. *see* Korenbliit, I.Ya. 8-91872
 Shenderovich, I.L. *see* Turovskii, B.M. 8-52658
 Shenderovskii, V.A. *see* Gavalesko, N.P. 8-76095
 Sheng, S.J., Hug, G. Single vibronic level resonant Raman scattering of molecular ions in solid glass: PMDA anion and naphthalene cation 8-78704
 Sheng, T.T. *see* Bean, J.C. 8-84078
 Sheng, T.T. *see* Chang, C.C. 8-76783
 Sheng, T.T. *see* Chang, R.P.H. 8-88032
 Sheng, T.T. *see* Krivanek, O.L. 8-56046
 Sheng, T.T. *see* Leamy, H.J. 8-67724
 Sheng, T.T. *see* Liao, Z.L. 8-64435
 Sheng, T.T. *see* Polak, A.J. 8-95825
 Sheng Jian An approximate graphic method to construct the demagnetization curve for permanent magnetic materials 8-80175
 Sheng Ping *see* Ping Sheng
 Sheng Wang Chen *see* Chen Sheng Wang
 Sheng-Chi Lin, Robinson, J.C., Selby, D.L. Use of variational techniques for the estimation of neutron detection efficiency 8-62601
 Sheng-kun Lin *see* Lin Sheng-kun
 Shenk, W.E., Rodgers, E.B. Nimbus 3/ATS 3 observations of the evolution of Hurricane Camille 8-92921
 Shenogina, Z.B. *see* Korneva, L.A. 8-77258
 Shenoi, A.N.M. *see* Joseph, K.B. 8-74160
 Shenoy, A.V., Mashelkar, R.A. Turbulent free convection heat transfer from a flat vertical plate to a power law fluid 8-67225
 Shenoy, A.V., Mashelkar, R.A. Laminar natural convection heat transfer to a viscoelastic fluid 8-83436
 Shenoy, G.K., Dunlap, B.D., Fradin, F.Y., Kimball, C.W. Paramagnetic relaxation effects in ternary superconductors 8-68112
 Shenoy, G.K., Friedt, J.M., Dunlap, B.D., Westlake, D.G. Magnetic and electronic properties of DyH₂ from ¹⁶¹Dy Mossbauer spectroscopy 8-80262
 Shenoy, G.K. *see* Dunlap, B.D. 8-67990
 Shenoy, G.K. *see* Rasera, R.L. 8-76364, 8-95272
 Shenyavskii, L.A. *see* Demidenko, T.F. 8-71253
 Shepanski, J.R. *see* Ray, P.S. 8-59664
 Shepard, H.K. *see* Harrington, B.J. 8-66041
 Shepard, J.R. *see* Rost, E. 8-70531
 Shepard, R., Jordan, K.D., Simons, J. Electronic structure of small metal clusters. II. Anions of Li₂, LiNa, and Na₂ 8-90331
 Shepel', L.G. *see* Kovalenko, V.F. 8-72596, 8-76526
 Shepelenko, A.A. *see* Vorontsov, S.S. 8-71619, 8-78992
 Shepelev, A.P. Dependence of the composition and phasic transitions of the lipids of the mitochondria of the myocardium of white rats and dogs on the depth of acute hypothermia 8-53350
 Shepelev, A.V. *see* Devyatkov, L.I. 8-64414
 Shepelev, A.V. *see* Khokhlov, R.V. 8-66835
 Shepelev, A.V. *see* Mikhailin, V.V. 8-82973
 Shepelev, M. *see* Zlatkevich, L. 8-75575
 Shepelev, Yu.F. *see* Shchegolev, B.F. 8-67971
 Shepelev, Yu.F. *see* Smolin, Y.U.I. 8-95043
 Shepelev, Yu.S., Rudenko, L.F. On the mechanism of corrosion damage in grey cast iron 8-56807
 Shepel'skii, G.A. *see* Grin, V.F. 8-72486
 Shepelyakovskii, K.Z. Heat treatment of steel with induction heating 8-92285
 Shephard, W.D. *see* Cason, N.M. 8-82240
 Shephard, W.D. *see* Harris, R. 8-82242
 Shephard, W.D. *see* Lamsa, J.W. 8-54658
 Shephard, C.H. *see* Birss, R.R. 8-93743
 Shepherd, D.C., DeLavergne, R.W., Fruch, F.X., Clodbridge, C. Visual-neural correlate of speechreading ability in normal-hearing adults 8-64992
 Shepherd, F.R. *see* Frost, D.C. 8-87853
 Shepherd, G.G., Deans, A.J., Neo, Y.P. SCIMP—A scanning interferometric multiplex photometer 8-62216
 Shepherd, G.G. *see* Anger, C.D. 8-88965
 Shepherd, G.G. *see* Deans, A.J. 8-57380
 Shepherd, G.G. *see* Whitteker, J.H. 8-77400
 Shepherd, G.M. Microcircuits in the nervous system 8-53390
 Shepherd, I.W. *see* Lindsay, S.M. 8-75737
 Shepherd, J.J. A nonlinear singular perturbation problem on a semi-infinite interval 8-94631
 Shepherd, O. *see* O'Neil, R.R. 8-89038
 Shepherd, R.E. Lecture projectable atomic orbital cross-sections and bonding interactions [teaching] 8-93503
 Shepherd, T.J. *see* Delbourgo, R. 8-78120
 Shepler, R.E., Dow Whitney, E. Effect of microstructure on friability in the system Al₂O₃-ZrO₂ 8-64515
 Shepley, L.C. *see* Hojman, S. 8-78084
 Sheppard, C.J.R. Electromagnetic field in the focal region of wide-angular annular lens and mirror systems 8-90485
 Sheppard, C.J.R., Choudhury, A. The image of a bar-pattern in the scanning microscope 8-89535
 Sheppard, C.J.R., Kompfner, R. Resonant scanning optical microscope 8-93758
 Sheppard, C.J.R., Wilson, T. Image formation in scanning microscopes with partially coherent source and detector 8-58923
 Sheppard, C.J.R., Wilson, T. Gaussian-beam theory of lenses with annular aperture 8-71185
 Sheppard, C.J.R., Wilson, T. Depth of field in the scanning microscope 8-86328
 Sheppard, C.J.R. *see* Gannaway, J.N. 8-82029
 Sheppard, C.J.R. *see* Hale, P.G. 8-66960
 Sheppard, D.M. *see* Fischer, Th. 8-62669
 Sheppard, J.G. *see* Adams, P.A. 8-85127
 Sheppard, J.J., Hansmann, D.R. Applications of the Dyna-Gram IIIB Holter ECG analysis system 8-81019
 Sheppard, L.E. *see* Soref, R.A. 8-55438
 Sheppard, R.J. *see* Peyrelasse, J. 8-56426
 Shepteban', R.Z. *see* Bakhmutskii, V.F. 8-70158
 Sheptulenko, E.V., Rutkevich, N.Ya., Golovnya, V.V. Processing of α irradiated emulsion layers of type K and P with thickness 400 microns by means of inorganic iron oxalate developer 8-50443
 Shepurev, E.I., Rupyshev, V.G., Gal'perin, V.M., Kariglazova, N.B., Daminov, Yu.F., Nizhin, A.M., Smirnov, V.I. Copolymer of styrene with acrylonitrile as an optical material 8-90466
 Sher, A., Crouch, R.K., Lu, S.S.-M., Miller, W.E., Moriarty, J.A. Photocapacitive MIS infrared detectors 8-62223
 Sher, A. *see* Chen, A.-B. 8-87909
 Sher, E.N. *see* Polyak, E.B. 8-96158
 Shera, E.B. *see* von Egidy, T. 8-66215
 Shera, E.B. *see* Wohlfahrt, H.D. 8-54679
 Shera, E.B. *see* Yamazaki, Y. 8-78267
 Sherbini, T.M. *see* El Sherbini, T.M.
 Sherden, D.J. *see* Alguard, M.J. 8-70376
 Sherden, D.J. *see* Prescott, C.J. 8-89719
 Sheremet, G.P., Gerasimenko, V.S., Zakharov, V.P. Vibration spectra of alloys of the In-Te system and its phase state diagram 8-84589
 Sheremet'ev, V.A. *see* Osipova, O.G. 8-94921
 Sheremet'ev, Yu.N. *see* Astrova, Yu.A. 8-49903
 Sherenkovskii, Yu.V. *see* Prokopov, V.G. 8-83212
 Shereshev, A.B. *see* Tsubulya, A.B. 8-83014
 Shereshevskii, L.M. Unit to control large-scale inspection angles 8-77864
 Shergin, A.P., Gordeev, Yu.S. Three-electron Auger transitions in atoms with two inner shell vacancies 8-62900
 Sheridan, J. *see* Kumar, A. 8-55166
 Sheridan, J. *see* Lowe, S.E. 8-90154
 Sheridan, J. *see* Macdonald, J.N. 8-86852
 Sheridan, J.R., Merlo, T.A., Enzweiler, J. Deactivation of N₂⁺(A²Π_g) at above thermal energies 8-66635
 Sheridan, T.B., Mann, R.W. Design of control devices for people with severe motor impairment 8-96114
 Sheridan, N.K., Berkovitz, M.A. The optical processing capabilities of the Ruticon 8-79140
 Sherif, H.S. *see* Leung, S.W.-L. 8-78369
 Sherif, M.M. *see* Badawy, O.E. 8-66161, 8-78219
 Sherif, O., Pagurek, B., Mahmoud, S., Broughton, R. Automatic detection of K-complex in the sleep EEG 8-53557
 Sherman, A. *see* De, J.N. 8-89834
 Sherman, A.B. *see* Trusov, L.I. 8-72038
 Sherman, B. Kinematic wave models for overload flow 8-81235
 Sherman, C.A. A mass-consistent model for wind fields over complex terrain 8-92906
 Sherman, D.M. Deposition of aluminum on Kapton laminates by electron-beam evaporation 8-76603
 Sherman, F.S., Imberger, J., Corcos, G.M. Turbulence and mixing in stably stratified waters 8-59444
 Sherman, G.C. Holographic real image of a point source 8-63040
 Sherman, G.C. *see* Stannes, J.J. 8-66723
 Sherman, G.H., Frazier, G.F. Transmissive optics for high power CO₂ lasers: practical considerations 8-79057
 Sherman, G.J., Howe, G.R., Miller, A.B., Rosenstein, M. Organ dose per unit exposure resulting from fluoroscopy for artificial pneumothorax 8-96097
 Sherman, L. Problems in the biological sciences [IETS] 8-92771
 Sherman, S.G. *see* Kravtsov, A.V. 8-50046
 Sherman, S.M. *see* Kratz, K.E. 8-64996
 Sherman, W.F. *see* Bodenheimer, J.S. 8-56488
 Shermazan, I.V. *see* Checkekin, Yu.F. 8-95756
 Shermergor, T.D. *see* Usov, A.A. 8-91383
 Shermergor, T.D. *see* Zvereva, S.G. 8-68450
 Shernyakov, Yu.M. *see* Imenkov, A.N. 8-52582
 Sheromov, M.A. *see* Vazina, A.A. 8-65155
 Sherratt, R.M. *see* Bostock, H. 8-73152
 Sherrell, P.L. *see* Joiner, B.A. 8-72064
 Sherrington, D. Stability of the Sherrington-Kirkpatrick solution of a spin glass model: a reply 8-80152
 Sherrington, D. *see* Kirkpatrick, S. 8-80166
 Sherrington, M.R. *see* Watson, M.G. 8-93275
 Sherry, T.N. *see* Hsu, J.P. 8-69978
 Sherry, T.N. *see* Ne'eman, Y. 8-65855, 8-70300
 Shershov, V.I., Vasil'ev, V.A., Baranovskii, A.L. New electrostimulators 8-85353
 Shersnev, M.L. *see* Cherkii, N.V. 8-63844
 Sherstkov, Yu.A. *see* Arkhipov, S.M. 8-60357
 Sherstnev, N.I. *see* Rybakov, F.P. 8-60706
 Sherstneva, T.N. *see* Berezhnoi, A.A. 8-68457, 8-68478
 Sherstobitov, V.E. *see* Koval'chuk, L.V. 8-59050
 Sherstyuk, A.A. *see* Tumanskii, B.F. 8-56838
 Sherstyuk, A.I., Yakovleva, N.S. Possibility of excluding the continuous spectrum when calculating the electronic states of the hydrogen molecular ion. III. Dynamic polarizability 8-82626
 Sherwood, A.C. *see* Jarvis, O.N. 8-62680, 8-79654
 Sherwood, J.D. *see* Attrep, M., Jr. 8-53234
 Sherwood, J.D. *see* Horacek, B.M. 8-81033
 Sherwood, J.N. *see* Bleay, J. 8-64460
 Sherwood, J.N. *see* Windsor, C.G. 8-55923
 Sherwood, K.W. *see* Hickman, R.G. 8-81137
 Sherwood, P.M.A., Shirley, D.A. Crystal-field and band-broadening effects on the apparent 4d spin-orbit splitting in cadmium photoelectron spectra 8-76577
 Sherwood, R.C. *see* Buschow, K.H.J. 8-68185, 8-68231
 Sherwood, R.C. *see* Mahajan, S. 8-64219
 Sheshnitsch, J.D. *see* Brilingas, A. 8-64335
 Shetaka, I.S. *see* Kramer, E.N. 8-96440
 Shestakov, A.F. Z-dependence of relativistic second-order Hartree-Fock energies for isoelectronic ions with partially filled L shells 8-82656
 Shestakov, E.N., Latyev, L.N., Chekhovskoi, V.Ya. Experimental determination of the ratio of the polarized components of radiation flux of metals at high temperatures 8-94566
 Shestakov, G.N. *see* Achasov, N.N. 8-58191
 Shestakov, I.A., Zaidman, I.D. Formation of a perfect cubic texture in thin transformer steel [sheet] 8-80557
 Shestakov, V.A. *see* Kosyakov, V.I. 8-95129
 Shestakov, Yu.I. *see* Aranchuk, L.E. 8-75386
 Shestakov, Yu.N. *see* Lappo, D.D. 8-67205
 Shestermanov, K.E. *see* Asratyan, A.E. 8-62389
 Shestopalov, V.P. *see* Veliev, E.I. 8-90345
 Shestopalov, V.P. *see* Vinogradov, S.S. 8-82891
 Shestopalov, V.V. *see* Vertii, O.O. 8-90344
 Shestoporov, V.Ya. *see* Basina, Yu.V. 8-93063
 Shetter, J.D. *see* Cicerone, R.J. 8-57223, 8-85631
 Sheu, J.S. *see* Woonchun Hsu 8-94637
 Sheu, P.J. *see* Agee, E.M. 8-81269
 Sheung Tsun, T. *see* Penrose, R. 8-82176
 Sheung Tsun Tsou *see* Tsou Sheung Tsun
 Shevakin, A.F., Eristavi, B.G., Belen'kii, A.Ya. Quadrupole effects in elastically deformed transition metals 8-56400
 Shevakin, A.F. *see* Belen'kii, A.Ya. 8-60096
 Shevakin, Yu.F., Zentsov, A.I. Speed of rolling of AK5M2 alloy granules 8-60604
 Shevchenko, A.D. *see* Beletskii, Yu.I. 8-76643
 Shevchenko, A.D. *see* Pan, V.M. 8-52118, 8-52152, 8-64168
 Shevchenko, A.L. *see* Popel', O.S. 8-87401
 Shevchenko, E.A. *see* Blinkov, V.A. 8-77363
 Shevchenko, N.B. *see* Turk, A.V. 8-60379
 Shevchenko, N.G., Buki, A.Yu., Mazanko, B.V., Polishchuk, V.N., Khomich, A.A. Resonances in electron scattering on nuclei ¹⁰B and ¹²C 8-78367

- Shevchenko, N.G., Gonchar, V.Yu., Buki, A.Yu., Kasatkin, Yu.A., Polishchuk, V.N., Mazanko, B.V., Lishenko, L.G. Charge density distribution in nuclei ^{48}Ti and ^{50}Cr 8-89785
- Shevchenko, N.G., Polishchuk, V.N., Kasatkin, Yu.A., Khomich, A.A., Buki, A.Yu., Mazanko, B.V., Shula, G.V. Charge density distribution in nuclei $^{50,52,53,54}\text{Cr}$ and $^{54,56}\text{Fe}$ 8-86473
- Shevchenko, N.G. *see* Polishchuk, V.N. 8-54746
- Shevchenko, R.G. *see* Zatsapin, N.N. 8-53133
- Shevchenko, S.I. Superfluid flow in He II, induced by crossed electric and magnetic fields 8-84019
- Shevchenko, S.I. *see* Bezugly, A.I. 8-76187
- Shevchenko, S.I. *see* Katrunov, K.A. 8-76027
- Shevchenko, S.S. *see* Azhazha, V.M. 8-80588
- Shevchenko, V.A. *see* Gorban', I.S. 8-72490
- Shevchenko, V.G. *see* Asratyan, A.E. 8-62389
- Shevchenko, V.G. *see* Dombeck, T. 8-82255
- Shevchenko, V.I. *see* Sagdeev, R.Z. 8-71439
- Shevchenko, V.I. *see* Sotnikov, V.I. 8-59563
- Shevchenko, V.S. *see* Kilyachkov, N.N. 8-93278
- Shevchenko, V.S. *see* Shamin, G.I. 8-61861
- Shevchenko, V.Y. *see* Marenkin, S.F. 8-88416
- Shevchenko, Yu.B. Use of the Stark effect for molecular beam selection 8-78823
- Shevchenko, Yu.N. *see* Piskun, V.V. 8-83342
- Shevchenko, Yu.Ye. Electrical properties of solutions of human serum albumin in the frequency range 1-15 MHz 8-53315
- Shevchik, N.J. Atomic dipole theory of photoemission from molecules adsorbed on surfaces 8-84695
- Shevchik, N.J. *see* Del Cueto, J.A. 8-86398
- Shevchik, N.J. *see* Liebowitz, D. 8-72694
- Shevchik, N.J. *see* Sagurton, M. 8-56557, 8-72695
- Shevchik, Ya.E. *see* Rashkovich, L.H. 8-71693
- Shevchuk, E.N. *see* Tolubinskii, V.I. 8-90639
- Shevchuk, L.P. *see* Kavich, I.V. 8-56623
- Shevchuk, M.S. *see* Kostornov, A.G. 8-67848
- Shevchuk, M.S. *see* Lezhenin, F.F. 8-75053
- Shevchuk, P.I. *see* Mikolaichuk, A.G. 8-88385
- Shevchuk, V.T. *see* Sokolov, E.I. 8-59439
- Shevchuk, Yu.F. *see* Fedorchenko, I.M. 8-60845
- Shevchuk, Yu.P. *see* Buivol, V.N. 8-75178
- Sheveiko, I.A. *see* Blinov, N.S. 8-57065
- Shevel', S.G. *see* Brodin, M.N. 8-59012, 8-74913
- Shevel', V.N. *see* Voznyuk, P.O. 8-84509
- Sheveleva, L.M. *see* Lakhtin, Yu.M. 8-56814
- Shevel'ko, A.P. High-luminosity X-ray spectrograph with vertical focusing for laser plasma studies 8-51355
- Shevelko, V.P. One-electron capture in collisions of fast ions with atoms 8-70931
- Shevelya, V.V., Demidovich, I.G. Inelasticity of metals under cyclic strain in active media 8-80613
- Shevera, V.S., Papp, V.F., Zapesochnyi, I.P. Study of the processes of detachment of s-, p- and d-electrons and population inversion with intershell transitions of inert gas atoms 8-70803
- Shevkunov, S.V. *see* Vorontsov-Veliaminov, P.N. 8-71533
- Shevkunova, T.P. *see* Galun, B.V. 8-74919
- Shevyakhov, N.S. Scattering of a shear wave by a low-resistivity cylinder and by a cylindrical void in a class $C_{6v}(C_{4v})$ piezoelectric 8-95113
- Shewchuk, J. *see* Kuc, A.P. 8-72948
- Shewchun, J., Dubow, J., Myszkowski, A., Singh, R. The operation of the semiconductor-insulator-semiconductor (SIS) solar cell: Theory 8-52061
- Shewchun, J. *see* Garside, B.K. 8-57373
- Shewchun, J. *see* Reid, J. 8-61607, 8-73523
- Shewmon, P. *see* Morris, J.W., Jr. 8-88444
- Shi, N.K. Color-sensitive spatial filters 8-87150
- Shi, Y.C. *see* Constable, J.H. 8-56394
- Shi, Y.C. *see* Gaines, J.R. 8-52374
- Shi, Y.C. *see* Mukherjee, A. 8-56384
- Shi Po-ming, Chao-Jih-Ping Evolution of density waves in spiral galaxies 8-86020
- Shi Wu Yang *see* Wu Yang Shi
- Shi Yan *see* Yan Shi
- Shi Yan-Chi *see* Yan-Chi Shi
- Shi Zuo-Ting *see* Lu Zao-Xun 8-61332
- Shi-chune Yao, Henry, R.E. An investigation of the minimum film boiling temperature on horizontal surfaces 8-90692
- Shi-Fan Liu *see* Liu Shi-Fan
- Shi-He, Xu Yi-Chao, Hao Bai-Lin A closed-form approximation for the 3-dimensional Ising model 8-52185
- Shi-shu Wu *see* Wu Shi-shu
- Shi-wen Niu *see* Niu Shi-wen
- Shiba, H., Ishibashi, Y. Incommensurate-commensurate phase transitions in ferroelectric substances 8-60404
- Shiba, H. *see* Ishibashi, Y. 8-80295
- Shiba, H. *see* Nakanishi, K. 8-56084
- Shiba, K. Use of solid thorium fuels in power reactors 8-74433
- Shiba, K., Doi, K., Oishi, M. Total flow measurement by using auxiliary pipe line 8-79395
- Shiba, K., Ichinose, T., Kitamura, J. Annular viscometer 8-59522
- Shiba, K., Ichinose, T., Yamuguchi, T., Tozawa, T. Hygroscopic body for elongation hygrometer 8-57968
- Shiba, K. *see* Ugajin, M. 8-70598
- Shibaev, I.G. *see* Alent'ev, A.N. 8-82573
- Shibaev, Yu.A. *see* Ilyushkin, V.A. 8-74522
- Shibagaki, M., Horiike, Y., Yamazaki, T. Low temperature silicon nitride deposition using microwave-excited active nitrogen 8-84718
- Shibamura, E. *see* Kubota, S. 8-60521
- Shibanov, Yu.A. *see* Gnedin, Yu.N. 8-93476
- Shibasaki, S. *see* Chiba, R. 8-78320
- Shibata, A., Yanaru, T., Iso, Y. Study of serial correlation coefficients on inter-point intervals for superposed processes. II 8-88704
- Shibata, C. On Finsler spaces with Kropina metric 8-54264
- Shibata, F., Hashitume, N. Generalized phase-space method in the Langevin-equation approach 8-54303
- Shibata, H. *see* Higashi, S. 8-55081
- Shibata, K., Koiwa, M., Yoshinari, O. On the origin of the α -peak in vanadium 8-95773
- Shibata, M., Ono, K. Internal stresses due to an oblate spheroidal inclusion: misfit, inhomogeneity and plastic deformation effects 8-60701
- Shibata, M., Ono, K. Stress concentration due to a prolate spheroidal inclusion 8-67042
- Shibata, M., Ono, K. Stress concentration due to an oblate spheroidal inclusion 8-71281
- Shibata, M. *see* Minakata, M. 8-94442
- Shibata, M. *see* Ogino, Y. 8-84973
- Shibata, N. *see* Konishi, S. 8-91908
- Shibata, N. *see* Saito, T. 8-58947
- Shibata, S. Kinetics and mechanism of electrochemical reduction of multilayer oxides on a smooth platinum electrode surface in acidic electrolyte 8-61019
- Shibata, S., Koda, T., Yamaga, J. C-mode ultrasonic imaging by an electronically scanned coaxial circular spherical receiving array 8-59222
- Shibata, S. *see* Chiba, R. 8-78500
- Shibata, T., Itoh, T., Kawai, M., Matsuda, S., Morita, H., Nakamura, Y., Sakuraba, J., Tanaka, S. Beam line studies of the JT-60 neutral beam injector (materials surface damage) 8-54969
- Shibata, T., Katayama, T., Tsumita, T. Coercive force in heat-treated R-Co alloys 8-68298
- Shibata, T., Takeyama, T. Pit generation of Inconel 600 as a stochastic process 8-85038
- Shibata, T. *see* Ejiri, H. 8-50185, 8-89872, 8-93927
- Shibata, T. *see* Kobayashi, A. 8-77833
- Shibata, T. *see* Nakayama, S. 8-89823
- Shibata, T.A. *see* Numao, T. 8-89786
- Shibata, T.A. *see* Yamazaki, T. 8-54695
- Shibata, Y. *see* Adachi, G. 8-51672
- Shibata, Y. *see* Adachi, H. 8-56421, 8-72295, 8-76178
- Shibata, Y. *see* Takahashi, M. 8-88155
- Shibata, Y. *see* Zaima, S. 8-92168
- Shibatomi, A. *see* Komeno, J. 8-52680
- Shibayama, K. Some aspects on LiNbO_3 crystals for surface acoustic wave devices 8-91525
- Shibayama, K. *see* Otomo, J. 8-59252
- Shibayama, K. *see* Tanaka, T. 8-52429, 8-64316, 8-71686
- Shibayama, K. *see* Yamanouchi, K. 8-55454
- Shibazaki, Y. *see* Sugawara, M. 8-74515
- Shibiya, M. *see* Hatta, I. 8-87788
- Shibuki, K. *see* Sadahiro, T. 8-92406
- Shibuki, M. *see* Kobayashi, M. 8-89456
- Shibuta, H. *see* Yamamoto, R. 8-83734
- Shibutani, G. *see* Iijima, S. 8-69606
- Shibuya, A., Dojo, M., Sugimitsu, T., Kato, N. Spectroscopic study of ^{75}Se by the (d,p) reaction 8-66285
- Shibuya, K. Complex propagation function; constraints on it and the mutual relations of some existing models 8-88802
- Shibuya, K., Harger, R.A., Lee, E.K.C. Single vibronic level fluorescence emission spectroscopy and radiative lifetimes of $\text{H}_2\text{CO}(\text{A}^1\text{A}_2):4^0$ and 4^1 8-82769
- Shibuya, K., Lee, E.K.C. Vibrational and electronic energy transfers from a single vibronic level of $\text{H}_2\text{CO}(\text{A}^1\text{A}_2)$, the 4^1 level 8-82820
- Shibuya, T. An infinite solid containing a flat elliptical crack under shear 8-75096
- Shibuya, T. *see* Suzuki, K. 8-90712
- Shichkov, V.V. *see* Shitova, V.P. 8-90492
- Shick, L.K. *see* Miller, D.C. 8-88419
- Shida, K., Murayama, Y., Endo, T., Nakamura, A. Influence of voltage divider on the Josephson voltage standard system 8-74027
- Shida, T. Photoinduced isomerization of ion radicals. II. Possible local heating of rigid solutions by photons 8-85179
- Shida, Y. *see* Hashimoto, O. 8-54684
- Shida, Y. *see* Yukitoshi, T. 8-54834
- Shidlovskii, V.P. Study of gas motion in a plane-parallel channel with cryogenic walls 8-59487
- Shieh, C.-L. *see* Bazant, Z.P. 8-51095
- Shieh, M.S., Han, K.W. Analysis of nuclear reactor systems by use of the integration method 8-78438
- Shieh, S.Y. *see* Becker, R.S. 8-57579
- Shields, G.A. Gravitation, primordial stars and the dark mass 8-61946
- Shields, G.A., Searle, L. The composition gradient across M101 8-65683
- Shields, G.A., Wheeler, J.C. Sustainance of a black hole in a galactic nucleus 8-57632
- Shields, G.A., Wheeler, J.C. The black flash model of QSOs 8-57673
- Shields, G.A. *see* Ferland, G.J. 8-93269
- Shields, H., Smith, A.L.S. Negative ion effects in CO_2 convective laser discharges 8-55335
- Shields, J.Q. Absolute measurement of loss angle using a toroidal cross capacitor 8-93736
- Shields, R.B. *see* French, P.M. 8-58391
- Shiembob, L.T. *see* Bill, R.C. 8-56785
- Shiers, J.C. *see* Baubillier, M. 8-93877
- Shiff, V.K. *see* Vorontsov-Vel'yaminov, P.N. 8-94891
- Shiflet, G.J., Bradley, J.R., Aaronson, H.I. A re-examination of the thermodynamics of the proeutectoid ferrite transformation in Fe-C alloys 8-84763
- Shiflet, G.J. *see* Chan, K.S. 8-84765
- Shifman, M.A., Vainshtein, A.I., Voloshin, M.B., Zakharov, V.I. η_c puzzle in quantum chromodynamics 8-74223
- Shifman, M.A., Vainshtein, A.I., Zakharov, V.I. Remarks on charm electroproduction in quantum chromodynamics 8-58170
- Shifman, M.A., Vainshtein, A.I., Zakharov, V.I. Estimate of effective size of instantons 8-70326
- Shifman, M.A. *see* Novikov, V.A. 8-58169, 8-62362
- Shifman, M.A. *see* Vainshtein, A.I. 8-82157, 8-89681
- Shifrin, K.S. *see* Volgin, V.M. 8-69448
- Shifrin, V.P. *see* Kortov, V.S. 8-95383
- Shifrin, V.V. *see* Lipatov, Yu.S. 8-72808
- Shiga, M. *see* Sumiyama, K. 8-64197
- Shiga, M. *see* Yoshimori, T. 8-92571
- Shigaev, O.E. *see* Bochagov, B.A. 8-94041
- Shigeishi, R.A., King, D.A. The oxidation of carbon monoxide on platinum [111]: Reflection-absorption infrared spectroscopy 8-76468
- Shigematsu, T., Hine, S., Takada, T. Epitaxial thin iron films on antimony 8-56572
- Shigematsu, T. *see* Kudo, K. 8-76954
- Shigenoto, K. *see* Saito, T. 8-62344
- Shigenari, T., Takagi, Y. Raman scattering studies on the phase transition of KDP crystals: effects of deuteration 8-76400
- Shigenari, T. *see* Yokota, T. 8-86345
- Shigesawa, H., Takiyama, K. Quantitative mode analysis in optical fibers 8-87162
- Shigesawa, H. *see* Yasuda, S. 8-66787
- Shigesawa, H. *see* Yoda, Y. 8-83107
- Shigetani, M., Tange, T., Nishikawa, K. Negative diffusion of perpendicular ion energy in a magnetized plasma due to mode-coupling process 8-94902
- Shigetani, Y., Kojima, T., Shinagawa, M. Basic study on uranium extraction from sea water. II. Extraction of U(VI) by polyacrylamide gel containing various metal hydroxides 8-54861
- Shigi, M. *see* Tatsumi, Y. 8-83865, 8-84112
- Shigorin, D.N. *see* Strokach, N.S. 8-55196, 8-82773, 8-82774
- Shigorin, V.D. *see* Dorozhkin, L.M. 8-59078
- Shiguroka, H. *see* Galva, R.M.O. 8-91144
- Shih, A. *see* Thomas, R.E. 8-76565
- Shih, H.D., Jona, F. LEED structure analysis of a $p(2 \times 2)$ chemisorbed layer of CO on Ti (0001) 8-71964
- Shih, H.D. *see* Jona, F. 8-63930
- Shih, J.S.F., Atwater, T., McNutt, M. A near-bottom geophysical traverse of the Reykjanes Ridge 8-65253
- Shih, L.L., Hill, J.C., Williams, S.A. Structure of neutron-rich even-even Cd Nuclei. I. Decay of ^{122}Ag 8-66249
- Shih, S., Stark, J.P. Diffusion of Ag^{110} into single-crystalline copper in a temperature gradient 8-51736
- Shih, S., Stark, J.P. Diffusion of ^{110}Ag in single-crystalline silver in a temperature gradient 8-87812
- Shih, S.K., Peyerimhoff, S.D., Buenker, R.J., Peric, M. Calculation of the electron affinity and $^1\text{A}_1$ - $^3\text{B}_1$ value of methylene using the ab initio MRD CI method for a large AO basis 8-50478
- Shih, S.M. *see* Shen, M.C. 8-91014
- Shih, T.M., Pagni, P.J. Analytic incorporation of probability density functions in turbulent flames 8-75232
- Shih, T.M., Pagni, P.J. Laminar mixed-mode, forced and free, diffusion flames 8-91033

- Shih, W.T. *see* Focke, A.E. 8-64720
 Shih Chen *see* Chen Shih
 Shih Su *see* Su Shih
 Shih Yen-Ping *see* Yen-Ping Shih
 Shih-chun Chang *see* Chang Shih-chun
 Shih-Hsin Kuo, Austin Chang, Y. On the relationships between the activity coefficient of nonmetallic solutes in liquid metals and binary alloys 8-52766
 Shiho, M. *see* Nagami, M. 8-79411
 Shiho, M. *see* Odajima, K. 8-86684
 Shii, H. *see* Yoshida, K. 8-68667
 Shii Yang Jong *see* Jong Shii Yang
 Shiino, M. *see* Hashimoto, T. 8-52270
 Shik, A.Ya. *see* Bezlyudnyi, S.V. 8-56165
 Shik, A.Ya. *see* Kruckovskaya, L.P. 8-56229
 Shik, A.Ya. *see* Vul', A.Ya. 8-56188
 Shik Jhon Mu *see* Mu Shik Jhon
 Shikada, M. *see* Minemura, K. 8-55450
 Shikanov, A.S. *see* Basov, N.G. 8-79451
 Shikanov, A.S. *see* Erokhin, A.A. 8-71535
 Shikanov, A.S. *see* Erokhin, O.N. 8-75391
 Shikanov, A.S. *see* Zorev, N.N. 8-71115
 Shikhin, A.Ya. *see* Bokov, A.G. 8-94360
 Shikin, V.B. Theory of localized electron states on the liquid helium surface 8-60007
 Shikin, V.B. Modulation of ion current in solid helium by thermal waves 8-91506
 Shikolev, V.V. *see* Klyuev, V.V. 8-53092
 Shikov, V.K. *see* Petukhov, B.S. 8-71402, 8-91026
 Shileika, A.Yu. *see* Reza, A.A. 8-59084
 Shiles, E. *see* Smith, D.Y. 8-88276
 Shilin, A.I. *see* Poznyukov, Yu.P. 8-72935
 Shilkina, L.A., Reznichenko, L.A., Kupriyanov, M.F., Fesenko, E.G. Phase transitions in the solid solutions (Na_{1-x}Li_x)NbO₃ 8-72768
 Shilling, J.W., Osborn, M.L., Morris, W.G., Rao, P. Orientation dependence of domain wall spacing and losses in 3-percent Si-Fe single crystals 8-56343
 Shilling, J.W., Soffa, W.A. Magnetic precipitation hardening in a semihard permanent magnet alloy 8-52830
 Shillingford, J. *see* Dahlen, J. 8-85720
 Shilo, I. *see* Ben-Dor, L. 8-51507
 Shilo, I. *see* Tomas, A. 8-91326
 Shiloh, J. *see* Bar-Avraham, E. 8-87489
 Shiloh, J. *see* Fisher, A. 8-74011
 Shilov, A.F. *see* Karikh, E.D. 8-80419
 Shilov, A.F. *see* Zhamnikov, S.D. 8-74909
 Shilov, V.M. *see* Akulinichev, S.V. 8-78350
 Shilov, V.V., Karabanova, L.V., Lipatov, Yu.S., Sergeeva, L.M. Structure of interpenetrating polymeric networks on the basis of polyurethane and polyurethane acrylate 8-51452
 Shilova, M.V. *see* Demidova, L.I. 8-52109
 Shilova, N.F. *see* Luzhinskaya, M.G. 8-68286
 Shil'shtein, S.Sh. *see* Glazkov, V.P. 8-78548
 Shil'shtein, S.Sh. *see* Petrunin, V.F. 8-92244
 Shilton, M.G. *see* Childs, P.E. 8-80239
 Shim, I., Dahl, J.P. A new interpretation of Hund's first rule 8-78620
 Shima, A., Tsujino, T. The behavior of bubbles in non-Newtonian lubricants 8-56786
 Shima, A., Tsujino, T. The behaviour of bubbles in polymer solutions. III. The case of Denn model fluid 8-79343
 Shima, A., Tsujino, T. The behaviour of bubbles in polymer solutions. II. The case of second-order fluid model 8-79344
 Shima, K. Na, Mg, Al, Si and Ti K-shell ionization cross sections for 15-65 keV protons 8-90284
 Shima, M., Yabuki, S. On the meteorites (1966-1974) 8-57514
 Shima, M., Yabuki, S., Okada, A. On the meteorite shower 8-89137
 Shima, M. *see* Yabuki, S. 8-96445
 Shima, S., Akebi, M. The FUGEN project—construction and startup 8-86675
 Shima, Y. *see* Kagawa, Y. 8-88389
 Shimabukuro, F.I., Wilson, W.J., Smith, P.L. Estimation of the daytime and nighttime distribution of atmospheric ozone from ground-based millimeter wavelength measurements 8-57256
 Shimada, I., Nagashima, T. The iterative transition phenomenon between periodic and turbulent states in a dissipative dynamical system 8-62159
 Shimada, I., Saito, K., Chisaka, F., Yanagihara, S. Aldehyde formation by photochemical reactions 8-88648
 Shimada, I. *see* Saito, K. 8-57305
 Shimada, J. Light wave guides of organic polymer and applications 8-90518
 Shimada, J. *see* Mitsuhashi, Y. 8-78957
 Shimada, J. *see* Yamakawa, H. 8-55266, 8-66697
 Shimada, K., Fukushige, Y., Hirata, Y. Nitrides formed by reducing process of the Shirasu glass with carbon 8-68929
 Shimada, K., Miwa, S., Nakai, T. Balancing of a flexible rotor. V. Vibration and balancing of a flexible rotor on flexible bearing with viscous damping 8-63352
 Shimada, K. *see* Ugai, S. 8-73494
 Shimada, M. *see* Ueda, Y. 8-76619
 Shimada, R., Tamura, S., Ohta, M., Ohsaki, O., Sawada, Y. Voltage oscillations in the poloidal field coils of JT-60 8-50386
 Shimada, R. *see* Kishimoto, H. 8-62662
 Shimada, S. Optical fiber transmission capabilities are expanding rapidly 8-66914
 Shimada, S., Hori, Y., Kashiwabara, H. Hindered oscillation and e.s.r. spectra of alkyl free radicals trapped in irradiated polyethylene crystals 8-85182
 Shimada, T. *see* Martin, A.D. 8-50053
 Shimada, Y., Kojima, H. The Hall and the magnetoresistive effect of amorphous Fe-Si films 8-52105
 Shimada, Y., Kojima, H. Thermal stability of amorphous ferromagnetic thin films produced by sputtering 8-76280
 Shimada, Y. *see* Kariya, K. 8-88937
 Shimahara, T., Peretz, B. Soma potential of an interneurone controls transmitter release in a monosynaptic pathway in Aplysia 8-56964
 Shimakawa, K., Nitta, S. Percolation-controlled conduction in chalcogenide glass semiconductors 8-72150
 Shimakawa, K. *see* Morigaki, K. 8-84500
 Shimakura, N., Inouye, H., Honjou, N., Sagara, M., Ohno, K. Valence full configuration interaction calculation of the CN⁺ ion 8-50480
 Shimamori, H., Fessenden, R.W. Mechanism of thermal electron attachment in N₂O and N₂O-hydrocarbon mixtures in the gas phase 8-59536
 Shimamura, I. R-matrix theories 8-58760
 Shimanouchi, T. Normal vibrations and rotational isomerism 8-62786
 Shimanovskii, N.L., Stepanyants, A.U., Lezina, V.P., Ivanov, L.V., Likhtenshtein, G.I. Investigation of the micro-structure of the water-protein layer of spin-labelled lysozyme preparations by the method of magnetic relaxation 8-76980
 Shimanskii, Yu.I. *see* Bulavin, L.A. 8-79758
 Shmarov, A.I. *see* Kulikovskii, K.L. 8-77934
 Shimauchi, A. *see* Okuda, T. 8-72433
 Shimauchi, M., Karasawa, S., Miura, T. Absorption bands and lines in the KrF laser spectrum 8-79004
 Shimazaki, K. Correlation between intraplate seismicity and interplate earthquakes in Tohoku, Northeast Japan 8-92787
 Shimazu, M. *see* Ehara, S. 8-64058
 Shimazu, Y. Transient xenon analysis in a molten salt breeder reactor 8-54843
 Shimbo, M., Ochi, M., Ito, K., Sasaki, K. Frictional behavior of nylons 8-64714
 Shimizu, T. *see* Kamimura, K. 8-74182
 Shimizu, A. *see* Yokuya, K. 8-54270
 Shimizu, F. *see* Matsumoto, T. 8-96124
 Shimizu, H., Huzioka, T., Akitaya, E., Narita, H., Nakagawa, M., Kawada, K. Study on high-speed avalanche in Kurobe Canyon. V. Winters of 1975-1976 and 1976-1977 8-88859
 Shimizu, H., Kato, K. Finite element analysis of ultrasonic exponential solid horn 8-94496
 Shimizu, H., Oguri, A., Yasuda, N., Fujimoto, S. Effects of hydrostatic pressure on the I-II phase transition in an improper ferroelectric NH₄LiSO₄ 8-84533
 Shimizu, H., Tran, C.D., Yamamoto, K., Abe, K. Optical surface phonon modes in ZnO small crystals 8-71940
 Shimizu, H., Yoshinaka, A., Sugita, Y. Formation of a stacking fault-free region in thermally oxidized silicon 8-51561
 Shimizu, H. *see* Matsumoto, G. 8-53380
 Shimizu, H. *see* Sekoguchi, K. 8-87376, 8-87377
 Shimizu, H. *see* Takeuchi, N. 8-92991
 Shimizu, H. *see* Tamura, N. 8-54641
 Shimizu, H. *see* Yamazaki, Y. 8-66693
 Shimizu, H. *see* Yasuda, N. 8-55941
 Shimizu, I., Shimizu, Y., Fukutsu, M., Wakimoto, Z., Nagayama, Y. An aspheric objective for a coronagraph 8-89063
 Shimizu, K. Electroluminescence of Al/anodic alumina/electrolyte system and non destructive electronic avalanche 8-68563
 Shimizu, K. Comments on the empirical relation between the intensity of luminescence and the film thickness during the anodisation of aluminium 8-80413
 Shimizu, K., Faessler, A. Rescattering effect in bound 2p-pion absorption 8-70575
 Shimizu, K., Faessler, A. Two nucleon emission following bound pion absorption 8-82395
 Shimizu, K., Faessler, A. Microscopic description of bound 2p pion absorption 8-94030
 Shimizu, K., Ishimaru, A. Scattering pattern analysis of bacteria 8-80946
 Shimizu, K., Itoh, J. The NMR investigation of the electric field gradients in heavy rare earth metals 8-52363
 Shimizu, K., Tsuchihashi, N., Kondo, Y. Effect of pressure on dissociation of ion pairs -MnSO₄, CuSO₄ and ZnSO₄ 8-53218
 Shimizu, K. *see* Miya, K. 8-73578
 Shimizu, K. *see* Tadaki, T. 8-68693
 Shimizu, M., Ajiro, Y., Koga, K., Abe, H. ESR line shift in NiSnCl₆·H₂O at very low temperatures 8-56375
 Shimizu, M., Yamada, H. Spin wave spectra in A-CO₂ compounds 8-56304
 Shimizu, M. *see* Chiba, R. 8-78500
 Shimizu, M. *see* Koyama, Y. 8-74989
 Shimizu, M. *see* Kunio, T. 8-60831, 8-64660
 Shimizu, M. *see* Nakamura, H. 8-66416
 Shimizu, M. *see* Okida, K. 8-89072
 Shimizu, M. *see* Takahashi, Y. 8-76217
 Shimizu, M. *see* Takatsu, H. 8-66371
 Shimizu, M. *see* Yamashita, Y. 8-73711
 Shimizu, N., Tsuchiya, H. Single-mode fibre connectors 8-87139
 Shimizu, R., Shinike, T., Ichimura, S., Kawai, S., Tanaka, T. Highly stable single-crystal LaB₆ cathode for conventional electron microprobe instruments 8-78043
 Shimizu, R. *see* Goto, K. 8-76573
 Shimizu, R. *see* Suk Tai Kang 8-67734
 Shimizu, R. *see* Yamazaki, Y. 8-50644, 8-82842
 Shimizu, S., Mochizuki, T., Fujimitsu, T. Effect of temperature variation on high temperature fatigue of mild steel 8-64685
 Shimizu, S. *see* Mukoyama, T. 8-86839
 Shimizu, T. Theory of the relaxation and fluctuation from unstable and metastable states 8-49769
 Shimizu, T. Instrumentation recorders: precise adjustments required for best results 8-49817
 Shimizu, T., Kumeda, M., Watanabe, I., Kamono, K. Conductivity increase of amorphous Si and Ge by Mn 8-72155
 Shimizu, T., Kumeda, M., Watanabe, I., Nakagaki, Y. Photo-induced ESR and optical absorption edge shift in amorphous Ge-S films 8-88374
 Shimizu, T., Morioka, N. Chaos and limit cycles in the Lorenz model 8-57787
 Shimizu, T. *see* Hasegawa, S. 8-72115
 Shimizu, T. *see* Kato, I. 8-90123
 Shimizu, T. *see* Kumeda, M. 8-79534
 Shimizu, T. *see* Morioka, N. 8-71317
 Shimizu, T. *see* Morita, N. 8-66570, 8-78732, 8-90196
 Shimizu, T. *see* Ueda, S. 8-76329
 Shimizu, T. *see* Watanabe, I. 8-52319
 Shimizu, Y., Iguchi, E. Theory of the elastic strain energy due to crystallographic shear plane arrays in reduced rutile (TiO₂) 8-55880
 Shimizu, Y., Sakaue, T., Terazaki, A., Kaneaki, T. Temperature dependence of surface-acoustic-waves on α-quartz 8-51813
 Shimizu, Y. *see* Goto, K. 8-80684
 Shimizu, Y. *see* Hatta, I. 8-63809
 Shimizu, Y. *see* Shimizu, I. 8-89063
 Shimizu, Y. *see* Yamashita, Y. 8-96492
 Shimo, D. *see* Koterazawa, R. 8-52958, 8-72838
 Shimoda, K. Infrared-microwave double resonance 8-86902
 Shimoda, K. *see* Hirano, K. 8-87479
 Shimoda, K. *see* Mochizuki, T. 8-82698, 8-82699
 Shimoda, K. *see* Sakurai, A. 8-87465
 Shimoda, K. *see* Tsukakoshi, M. 8-82670
 Shimoda, S., Mada, H., Kobayashi, S. Apparent threshold characteristics of pretreated liquid crystal cells 8-83724
 Shimodaira, M. *see* Nishijima, S. 8-52950
 Shimogori, K., Sato, H., Tomari, H. Crevice corrosion of titanium in NaCl solutions in the temperature range 100 to 250°C 8-72927
 Shimoji, M. Liquid metals 8-51406
 Shimojo, T. *see* Niu, K. 8-63565
 Shimokawa, T., Sawai, T. Chain dechlorination of organic chlorinated compounds in alcohol solutions by ⁶⁰Co γ-rays. II. Chlorinated benzenes in alkaline 2-propanol solutions 8-56904
 Shimomura, H. *see* Echigo, R. 8-94575
 Shimomura, K. *see* Morimoto, K. 8-76333
 Shimomura, M. *see* Ohkita, K. 8-68891
 Shimomura, N. *see* Nakamura, S. 8-55765
 Shimomura, O., Takemura, K., Fujii, Y., Minomura, S., Mori, M., Noda, Y., Yamada, Y. Structure analysis of high-pressure metallic state of iodine 8-87647
 Shimomura, R. *see* Katayama, K. 8-94581
 Shimomura, S. *see* Ohtsuka, H. 8-91156
 Shimomura, T. *see* Ono, J. 8-86356
 Shimomura, T. *see* Toshioka, K. 8-93885
 Shimomura, Y., Maeda, H. Divertor experiments for controlling plasma-wall interactions 8-94125
 Shimomura, Y. *see* Kimura, H. 8-79468
 Shimomura, Y. *see* Nagami, M. 8-79411, 8-86685
 Shimomura, Y. *see* Odajima, K. 8-86684
 Shimomura, Y. *see* Ohsa, K. 8-59691
 Shimon, L.L., Garga, I., Golovchak, N.V. Effective cross sections for electron-impact excitation of resonant lines of singly charged europium ions 8-82847
 Shimon, L.L. *see* Goldovskii, V.L. 8-82845

- Shimony, Y.** *see* Ben-Dor, L. 8-52198
- Shimoo, T.**, Kimura, H. Study of carbon dissolved in molten $\text{CaO-Al}_2\text{O}_3$ binary slag 8-60662
- Shimotomai, M.** Percolative mass transport in heavily irradiated metals 8-79639
- Shimotono, H.** *see* Kodaira, H. 8-54840
- Shimotsu, K.** *see* Yamashita, S. 8-66170
- Shimoura, T.** *see* Matsudo, K. 8-64559
- Shimozaki, T.**, Onishi, M. Study on reaction diffusion in the nickel-zinc system 8-51749
- Shimshak, R.R.**, Korobkin, M., Hoffer, P.B., Schor, R., Hill, T.C., Kressel, H.Y. The complementary role of gallium citrate imaging and computed tomography in the evaluation of suspected abdominal infection 8-73207
- Shin, B.K.**, Ehret, J.E., Park, Y.S., Stefaniw, M. Dual implantation of C^+ and Ga^+ ions into GaAs 8-67728
- Shin, H.J.**, Hong, J.H., Oh, B.W. Evaluations of the self-consistent-central-field potentials and physical quantities of sodium by the Thomas-Fermi approximation 8-79956
- Shin, H.K.** Transfer of vibrational energy to oscillatory, restricted rotational, and translational motion in $\text{HCl}+\text{Cl}$ 8-70908
- Shin, H.K.** Vibrational relaxation of water molecules near room temperature 8-86939
- Shin, H.K.** *see* Altick, P.L. 8-66634
- Shin, J.B.**, Nicholls, R.W. A high resolution study of the shock excited spectrum of yttrium oxide 8-50551
- Shin, K.**, Hayashida, Y., Nakamura, T. Shielding study of bremsstrahlung in bulk media with electrons. I. Monte Carlo calculation of thick-target bremsstrahlung spectrum 8-59839
- Shin, K.** *see* Nakamura, T. 8-58282, 8-59840
- Shin, K.G.** *see* Kim, M. 8-73143
- Shin, S.** *see* Ikawa, H. 8-68701, 8-72784
- Shin, S.A.**, Chung, W.M., Park, T.S. Decay of ^{72}Ga to the levels of ^{72}Ge 8-50128
- Shin, S.H.**, Fan, L.T. Characterization of solids mixtures by the discrete Fourier transform 8-63859
- Shin Jung Gil** *see* Jung Gil Shin
- Shin Moo Oh** *see* Martin, D.M. 8-92283
- Shin Yong Woo** *see* Yong Woo Shin
- Shin-ichi Iwai** *see* Okada, K. 8-83717
- Shin-Mura, M.** *see* Igarashi, J. 8-62357
- Shin-Mura, M.** *see* Matsuda, M. 8-66118, 8-70363, 8-74249
- Shinagawa, M.** *see* Nishizawa, K. 8-55042
- Shinagawa, M.** *see* Shigetomi, Y. 8-54861
- Shinagawa, Ya.** *see* Shinagawa, Yo. 8-92764
- Shinagawa, Yo.**, Shinagawa, Ya. Melamine resin as water-containing embedding medium for electron microscopy 8-92764
- Shinar, J.**, Shaltiel, D., Davidov, D., Grayevsky, A. Hydrogen sorption properties of the $\text{La}_{1-x}\text{Ca}_x\text{Ni}_2$ and $\text{La}(\text{Ni}_{1-x}\text{Cu}_x)_2$ systems 8-91533
- Shinata, Y.**, Uramoto, M., Saito, Y. The exoelectron microscope and its applications 8-74108
- Shinbrot, M.** Entropy change and the no-slip condition 8-83359
- Shindala, A.** *see* Zitta, V.L. 8-73402
- Shinde, S.S.** *see* Lakshmanan, A.R. 8-92707
- Shinde, S.S.** *see* Pradhan, A.S. 8-73251
- Shindich, V.L.** *see* Akhmetov, V.D. 8-71764
- Shindo, A.** A historical perspective of the studies on the theory of plasticity and the constitutive equations 8-83267
- Shindo, A.**, Seguchi, Y., Shinmura, O., Kojima, H. Elastic-plastic problems of compressible straight bar under combined loading condition 8-63311
- Shindo, H.** *see* Imazu, S. 8-67522
- Shindo, K.** Self-consistent pseudopotential of As 8-84141
- Shindo, M.** *see* Tachikawa, J. 8-58396
- Shindo, R.** *see* Aochi, T. 8-66330
- Shine, R.A.**, Lites, B.W., Chipman, E.G. Overlapping emission peaks in the solar C I multiplets at $\lambda 1560$ and $\lambda 1657$ 8-93178
- Shine, R.A.** *see* Lites, B.W. 8-53896
- Shingarkina, V.A.** *see* Vasil'eva, R.V. 8-75283
- Shinike, T.** *see* Shimizu, R. 8-78043
- Shinitzky, M.** *see* Pasternak, C. 8-64859
- Shinkarev, V.P.**, Venediktov, P.S. Probability description of the processes of electron transport in molecule-carrier complexes 8-53314
- Shinkawa, M.**, Yamane, Y., Nishina, K., Tamagawa, H. Theoretical analysis of coupled-core reactors with the method of the moderator region response function 8-58331
- Shinkle, R.S.**, Robinson, S.R. Spatial and temporal coding of GaAs lasers for a laser line scan sensor 8-83022
- Shinmura, O.** *see* Shindo, A. 8-63311
- Shinn, B.F.** Instructive three-dimensional models of cometary orbits from simple materials 8-61808
- Shinn-Tyan Wu** A simple method of constructing the variance matrix of a complicated chemical kinetic system 8-56878
- Shino, M.**, Hashimoto, T. Critical behaviour of spin relaxation in EuS 8-76251
- Shinoda, M.** *see* Ito, T. 8-52665
- Shinoda, T.** Temperature dependence of Raman spectrum in solid carbon tetrabromide 8-52488
- Shinoda, T.** *see* Mizuno, M. 8-52530
- Shinoda, Y.** *see* Toda, K. 8-51034
- Shinohara, H.** *see* Nagura, M. 8-59765
- Shinohara, H.** *see* Yamauchi, A. 8-91463
- Shinohara, M.** *see* Kishoshita, C. 8-93756
- Shinohara, M.** *see* Makino, K. 8-68627
- Shinohara, S.** A proposed method of determining the current density profile by utilizing ordinary and extraordinary waves 8-75419
- Shinohara, T.**, Sasaki, K., Onodera, H., Fujioka, M., Kawasaki, I., Watanabe, H. Estimation of 4s covalent bonding of Fe^{2+} and Fe^{3+} ions in NiO 8-72441
- Shinohara, T.** *see* Saito, K. 8-56876, 8-85113
- Shinohara, T.** *see* Koshioka, K. 8-93885
- Shinohara, Y.** Applications of Kalman filtering theory to nuclear reactor control systems 8-50278
- Shinoki, F.** *see* Ebisawa, S. 8-90465
- Shinoyama, E.** *see* Saito, K. 8-57305
- Shinozaki, S.**, Kinsman, K.R. Aspects of 'one dimensional disorder' in silicon carbide 8-51492
- Shinozaki, S.** *see* Kinsman, K.R. 8-80544
- Shinozaki, S.S.**, Noakes, J.E., Sato, H. Recrystallization and phase transformation in reaction-sintered SiC 8-80567
- Shinozuka, T.**, Fujita, M., Awaka, J., Hayashi, R. Preliminary report of ETS-II (engineering test satellite type II) wave propagation experiment 8-85669
- Shinozuka, T.** *see* Awaka, J. 8-85670
- Shinozuka, T.** *see* Chiba, R. 8-78320
- Shinozuka, T.** *see* Otsu, Y. 8-85671
- Shinsky, K.A.** *see* Aschman, D.G. 8-78201
- Shintani, T.** *see* Hashimoto, T. 8-66917
- Shintre, S.N.**, Mashelkar, R.A., Ulbrecht, J. An approximate theoretical analysis and experimental verification of turbulent entrance region flow of drag reducing fluids 8-63458
- Shinya, K.** *see* Yamato, H. 8-54972
- Shinyayev, A.Ya.**, Litvinsev, A.I., Pivkina, O.G. Effect of the structure of SAP material on interdiffusion between it and copper at high pressures 8-60606
- Shiohara, K.** The effects of Mo, Si and N on the pitting and crevice corrosion of austenitic stainless steels 8-92399
- Shioda, T.** *see* Sudo, S. 8-83125
- Shiohara, M.** *see* Yoshida, S. 8-80646
- Shiohara, J.** *see* Adachi, G. 8-51672
- Shiohara, T.** *see* Ikuta, S. 8-56910
- Shiomi, N.** *see* Ishiware, R. 8-79651
- Shiomi, N.** *see* Sakamoto, N. 8-79641
- Shiomi, S.** *see* Iwata, S. 8-88150
- Shiomi, T.** *see* Okajima, S. 8-85393
- Shionoya, S.** *see* Ojima, M. 8-82548, 8-92109
- Shionoya, S.** *see* Tanaka, Y. 8-66866
- Shiosaki, T.**, Ohnishi, S., Hirokawa, Y., Kawabata, A. As-grown CVD N/O optical waveguides on sapphire 8-90500
- Shiosaki, T.** *see* Fujita, S. 8-64477, 8-80470
- Shiosaki, T.** *see* Ohnishi, S. 8-56588
- Shiosaki, T.** *see* Fukuda, S. 8-66956
- Shiota, T.**, Komatsu, S. Influences of notch effect and effective sectional area on fatigue strength of cast irons with various graphite shapes 8-64626
- Shiotsu, M.** *see* Sakurai, A. 8-89951
- Shioya, I.** *see* Hirota, O. 8-71049
- Shioyama, S.** *see* Sasaki, T. 8-54691
- Shioyama, T.**, Takiguchi, T., Ogawa, S. Simple vacuum gauge using TaN thin films in the pressure range of 10^5 to 10^{-3} Pa 8-70148
- Shiozaki, Y.** *see* Onodera, A. 8-88262, 8-92035, 8-95025
- Shiozawa, B.** *see* Wakao, N. 8-87386
- Shiozawa, K.**, Ishihara, S., Miyao, K., Hukuno, H. Study of the effect of tensile prestrain on corrosion fatigue strength of aluminum alloy 8-56819
- Shiozawa, K.** *see* Nasu, S. 8-50253, 8-51577
- Shiozawa, T.** Electrodynamics of rotating relativistic electron beams 8-71019
- Shiozawa, T.** *see* Goto, H. 8-50681
- Ship, V.V.** *see* Vinokurov, V.A. 8-56830
- Shipata, S.** *see* Takahashi, S. 8-55445
- Shipilin, A.V.** *see* Aleksandrov, V.V. 8-94401
- Shipilova, D.P.** *see* Ziling, K.K. 8-59120
- Shipin'kov, N.I.**, Olefirenko, P.P. Magnetic structure of elongated $\gamma\text{-Fe}_2\text{O}_3$ particles 8-88096
- Shipley, J.P.** Decision analysis in safeguarding special nuclear material 8-82485
- Shipley, S.T.**, Wienman, J.A. A numerical study of scattering by large dielectric spheres 8-66754
- Shipley, S.T.** *see* Kunkel, K.E. 8-65366
- Shipman, L.L.** *see* Petke, J.D. 8-78639
- Shipov, V.M.** *see* Bykh, A.I. 8-74026
- Shipulo, G.P.** *see* Dorozhkin, L.M. 8-59078
- Shir, C.C.** Computations of the micromagnetic dynamics in domain walls 8-72381
- Shir, C.C.** Computations of the micromagnetic dynamics in domain walls 8-72382
- Shir, C.C.** *see* Lin, Y.S. 8-91892
- Shirafuji, J.** *see* Kumagai, N. 8-68031
- Shirafuji, J.** *see* Taguchi, T. 8-84707
- Shiraha, M.** *see* Roko, K. 8-90990
- Shirahata, H.**, Nakao, S. Characteristics of small-signal gain and saturation intensity in CO_2 waveguide lasers 8-74880
- Shirahata, H.** *see* Daiguji, H. 8-87348
- Shirai, T.** *see* Nakamura, H. 8-74754
- Shiraishi, K.** *see* Hishinuma, A. 8-55891
- Shiraishi, T.**, Kurosu, T., Iida, M. Electric transport mechanism in Au-amorphous semiconductor thin film-Au system 8-80078
- Shiraishi, T.** *see* Awatani, J. 8-64689
- Shiraishi, T.** *see* Katagiri, K. 8-60830
- Shiraishi, T.** *see* Kimura, H. 8-84918
- Shiraishi, Y.**, Holdsworth, R.N., Minowada, J., Sandberg, A.A. Specificity of chromosomal changes induced with X-rays in a human T-cell line 8-80921
- Shiraishi, Y.**, Tamura, A., Ikeda, K., Saito, T. On the viscosity and density of the molten FeO-SiO_2 system 8-59965
- Shirakashi, M.**, Tomita, Y. The structure of turbulent diffusion. I. Diffusion from a source of finite width and diffusion in a mixing region of laminar and turbulent flows 8-90863
- Shirakata, H.** *see* Ohara, Y. 8-54912
- Shirakawa, A.**, Nakagawa, K., Itoh, N. Charge transfer transitions from cyclohexadienyl-type radicals to host molecules in anthracene single crystals 8-52535
- Shirakawa, H.** *see* Fincher, C.R., Jr. 8-92137
- Shirakawa, K.**, Asano, K. Dynamic response of cylindrical shells to concentrated impact load 8-67072
- Shiraki, Y.** *see* Nakashima, H. 8-84623
- Shirakihara, Y.** *see* Wakabayashi, T. 8-78048
- Shirakura, T.** *see* Ueda, Y. 8-60803
- Shiralkar, B.S.** *see* Spore, J.W. 8-94091
- Shirane, G.** *see* Brookhouse, B.N. 8-59906
- Shirane, G.** *see* Lynn, J.W. 8-68125, 8-76190
- Shirane, G.** *see* Moncton, D.E. 8-95401
- Shirasaki, H.**, Makimoto, T. Energy propagation properties of piezoelectric surface waves on cubic crystals 8-51811
- Shirasaki, H.**, Makimoto, T. Asymptotic expressions for piezoelectric surface waves excited by the buried mechanical and electrical point sources 8-51812
- Shirasaki, S.** *see* Ikegami, T. 8-80486
- Shirasaki, S.** *see* Moriyoshi, Y. 8-56796, 8-64513
- Shirasaki, Y.** *see* Tateishi, T. 8-88724
- Shirasawa, K.**, Tabata, T. Wind stress measurements on sea ice. I 8-88842
- Shiratori, E.**, Ikegami, K., Hattori, T. Rotating strength of circumferentially fiber-reinforced composite discs 8-76701
- Shiratori, E.** *see* Yoshida, F. 8-52896
- Shiratori, M.**, Miyoshi, T., Miyamoto, H., Mori, T. A computer simulation of fatigue crack propagation based on the crack closure concept 8-68793
- Shiratori, M.** *see* Miyoishi, T. 8-67131
- Shiratori, S.** *see* Watanabe, S. 8-78997
- Shiratori, T.**, Mitsui, K. Platinum-cobalt resistance thermometer for low temperature use 8-73994
- Shiren, N.S.** Generation of time-reversed optical wave fronts by backward-wave photon echoes 8-87105
- Shiren, N.S.** *see* Fossheim, K. 8-52443
- Shires, E.** *see* Devoto, R.S. 8-59709
- Shirinyan, G.O.** *see* Petrosyan, A.G. 8-63687
- Shirk, D.G.** *see* Pacer, J.C. 8-50129
- Shirk, D.G.** *see* Petry, R.F. 8-78319
- Shirk, E.K.** An interferometric method for thickness measurements in nuclear track detectors 8-86735
- Shirk, E.K.** *see* Cartwright, B.G. 8-74535
- Shirke, J.S.**, Degaonkar, S.S. Origin of annual and subannual periodicities in F region ionization 8-57383
- Shirkey, R.C.** The radio dynamical evolution of young supernova remnants 8-93365
- Shirkot, K.S.**, Singh, S. Two-phase flow heat transfer in a channel when the inlet temperature varies linearly with time 8-87375
- Shirley, C.G.** Grain boundary drag in alloys 8-51550
- Shirley, D.A.**, Stohr, J., Wehner, P.S., Williams, R.S., Apai, G. Photoemission from noble metals and adsorbates using synchrotron radiation 8-52633
- Shirley, D.A.** *see* Martin, R.L. 8-66492
- Shirley, D.A.** *see* Sasaki, T. 8-64444
- Shirley, D.A.** *see* Sherwood, P.M.A. 8-76577
- Shirley, D.A.** *see* Stohr, J. 8-52626, 8-95681
- Shirley, D.A.** *see* Wehner, P.S. 8-80453
- Shirley, D.A.** *see* Williams, R.S. 8-72700, 8-84697
- Shirley, D.J.** An improved shear wave transducer 8-63257
- Shirley, D.J.**, Hampton, L.D. Shear-wave measurements in laboratory sediments 8-51033
- Shirley, I.** *see* Vicary, F.R. 8-73179

- Shirmohammadi, D.** *see* Menemenlis, C. 8-75444
- Shiro, Y.** *see* Miura, M. 8-75740
- Shirobokov, A.M.,** Yatsevich, V.B. The possibility of using light diodes in airborne thermal imaging systems 8-93010
- Shirochikov, A.V.** North-south asymmetry in the intensity of polar cap absorption 8-69629
- Shiroishi, Y.** *see* Sawada, S. 8-75823, 8-76408
- Shirokane, T.** *see* Murakami, T. 8-95873
- Shirokanov, A.D.** *see* Ageev, V.A. 8-83539
- Shirokikh, A.P.** *see* Mikheev, L.D. 8-79008
- Shirokopytov, V.G.** *see* Dod', I.I. 8-79404
- Shirokov, A.M.,** Aleksandrova, I.P., Yuzvak, V.I., Serebrennikov, V.L., Baranov, A.I. Effect of hydrostatic pressure on the phase transition in $\text{NaNH}_4\text{SeO}_4 \cdot 2\text{H}_2\text{O}$ ferroelectric crystal 8-52453
- Shirokov, A.M.** *see* Glushkov, M.V. 8-91707
- Shirokov, L.L.** *see* Azikov, B.S. 8-84287
- Shirokov, V.A.** Dynamic SU(4,1) symmetry of charmed mesons 8-70350
- Shirokov, V.A.** *see* Gavrilik, A.M. 8-74237
- Shirokov, Yu.M.** Perturbation theory with respect to Planck's constant 8-62318
- Shirokov, Yu.M.,** Shondin, Yu.G. Expansion of generalized functions with support in the light cone with respect to a continuous set of irreducible representations of the Lorentz group and comparison with Wilson expansions 8-70018
- Shirokov, Yu.M.** *see* Muzafarov, V.M. 8-58189
- Shirokova, A.A.** *see* Khyr, V.A. 8-62512
- Shirokova, L.G.** *see* Golubkov, A.G. 8-53267
- Shirokova, N.I.,** Anokhin, V.M., Ognev, R.K. Structure and properties of sintered titanium alloyed with molybdenum and oxygen 8-60618
- Shirokovskii, V.P.** Electron spectrum in a crystal with vacancies or substitutional impurities 8-56101
- Shiroshita, T.** *see* Takeuchi, H. 8-57308
- Shirovani, I.** *see* Kobayashi, A. 8-76060
- Shirouzu, M.** *see* Murakami, T. 8-95873
- Shirtcliffe, T.G.L.** *see* Linden, P.F. 8-90963
- Shiryayev, A.V.** *see* Mishchenko, M.P. 8-73613
- Shiryayev, P.P.** *see* Potapov, P.D. 8-51554
- Shiryayev, V.I.** *see* Kamenetskaya, D.S. 8-92323
- Shiryayev, V.V.** *see* Vavilov, V.P. 8-72995
- Shiryayeva, N.V.** *see* Kushner, L.B. 8-84873
- Shiryapov, I.P.** *see* Dzhirov, R.I. 8-74007, 8-81981
- Shishaev, A.V.** *see* Beterov, I.M. 8-77996
- Shishanin, O.E.** *see* Zhukovskii, V.Ch. 8-50684
- Shishido, S.** *see* Ito, Y. 8-83438
- Shishido, T.,** Okamura, K., Yajima, S. Ln-M-O glasses obtained by rapid quenching using a laser beam 8-52856
- Shishido, T.,** Okamura, K., Yajima, S. $\text{Gd}_2\text{Al}_2\text{O}_7$ phase obtained by crystallization of amorphous $\text{Gd}_2\text{O}_3 \cdot 5/3\text{Al}_2\text{O}_3$ 8-92224
- Shishido, T.** *see* Yajima, S. 8-56601
- Shishin, B.P.,** Platovskikh, Yu.A., Dideikin, T.S. Two-zone system pulse method 8-86574
- Shishin, V.A.,** Zorin, Z.M., Churaev, N.V. Disjoining pressure isotherms of wetting films of liquids on solid substrates. II. Results of experiments 8-51794
- Shishin, V.A.,** Zorin, Z.M., Churaev, N.V. Isotherms of the disjoining pressure of wetting films of liquids on solid substrates. I. Method of measurements 8-51804
- Shishir Srivastava** *see* Chacko, P.V. 8-95905
- Shishkin, A.A.** *see* Ustimenko, B.P. 8-83445
- Shishkin, A.V.** *see* Goldanskii, V.I. 8-72631
- Shishkin, G.G.** *see* Gerasimov, V.P. 8-75306
- Shishkin, N.I.,** Milagin, M.F. State of solid polymers before breakdown. III. Solid-liquid state transitions 8-63842
- Shishkina, M.I.,** Tomsinskii, V.S. Influence of heat treatment on the character of fracture of the alloy VT23 8-80623
- Shishko, A.A.** *see* Koshilev, N.A. 8-58033
- Shishko, A.A.** *see* Parfenov, O.G. 8-59554
- Shishkov, V.V.** Removal of impurities during vertical zone refining by inclusion emersion 8-52663
- Shishmintsev, V.F.** *see* Bogatov, A.A. 8-68726
- Shishmintsev, V.F.** *see* Kolmogorov, V.L. 8-52907
- Shishov, A.P.** *see* Basatskaya, L.V. 8-95217
- Shishov, N.N.** *see* Davidenko, G.V. 8-89917
- Shishov, V.I.** *see* Gochelashvili, K.S. 8-71034
- Shishov, V.I.** *see* Sorochenko, R.L. 8-69704
- Shishov, Ye.V.** *see* Leont'yev, A.I. 8-83370
- Shitara, N.** *see* Kosugi, Y. 8-92759
- Shitik, A.V.** *see* Gumenyuk, G.A. 8-86316
- Shitikov, Yu.L.,** Zemlyanov, M.G., Mironov, S.P. Experimental determination of resolution function for time-of-flight spectrometer 8-78030
- Shitikova, K.V.** *see* Goncharova, N.G. 8-54747
- Shitikova, K.V.** *see* Khyr, V.A. 8-62512
- Shitikova, K.V.** *see* Knyr, V.A. 8-50106
- Shitikova, K.V.** *see* Zhivopistsev, F.A. 8-62517
- Shitov, V.T.** *see* Kocherginskii, N.M. 8-64945
- Shitova, E.V.** *see* Muref', A.V. 8-64140
- Shitova, V.P.,** Shichkov, V.V., Zakharov, V.V. Calculation and study of the collimating properties of a bispherical mirror objective 8-90492
- Shitsevalova, N.Yu.** *see* Vitebskii, I.M. 8-88119
- Shitzer, A.** *see* Rubinsky, B. 8-90694
- Shitzkovsky, S.,** Weger, M., Gutfreund, H. Band structure of TTF-TCNQ 8-60048
- Shiu** Menfai *see* Menfai Shiu
- Shiu Yueh-Jaw** *see* Yueh-Jaw Shiu
- Shiuamoggi, B.K.** Uniformly valid Mach number expansion of the Navier-Stokes equations and mathematical formalization of Lighthill's theory of aerodynamically generated sound extension to non-adiabatic cases 8-83372
- Shiue, J.C.** *see* Goodwin, F.E. 8-96324
- Shivakumar, G.K.** *see* Patel, A.R. 8-63955, 8-72016
- Shivakumar, K.N.,** Krishna Murty, A.V. A high precision ring element for vibrations of laminated shells 8-90752
- Shivamoggi, B.K.** Adiabatic invariants of a gyrating charged particle 8-78873
- Shivamoggi, B.K.** Poincare-Lighthill-Kuo method and wave propagation in an inhomogeneous medium 8-83133
- Shivamoggi, B.K.** Uniformly valid Mach number expansion of the Navier-Stokes equations and mathematical formalization of Lighthill's theory of aerodynamically generated sound: Extension to relaxing media 8-90567
- Shivamoggi, B.K.** Method of matched asymptotic expansions—asymptotic matching principle for higher approximations 8-94642
- Shivamoggi, B.K.,** Ginsberg, J.H. Propagation of weakly-non-linear non-dispersive acoustic waves [comment and reply] 8-83156
- Shivaprasad, B.G.,** Ramaprian, B.R. Turbulence measurements in boundary layers along mildly curved surfaces 8-79310
- Shive, P.N.,** Diehl, J.F. Reduction of hematite to magnetite under natural and laboratory conditions 8-65277
- Shively, J.F.** *see* Jory, H.R. 8-62611
- Shivpuri, R.K.,** Gupta, C. Correlations among secondary particles in nucleon-light-nucleus interactions at cosmic-ray energies 8-66178
- Shivpuri, R.K.,** Gupta, C. Multiplicity behaviour in ultrahigh-energy interactions 8-70415
- Shiyanov, L.S.** Feed mechanism of system for treatment of recordings from large bubble chambers 8-78564
- Shizgal, B.,** Fitzpatrick, J.M. Possible failure of relaxation-time comparisons in the justification of local thermodynamic equilibrium 8-81935
- Shizuka, H.,** Saito, T., Morita, T. Fluorescence quenching of aromatic molecules by inorganic anions 8-74694
- Shizuma, K.** Analyses of monochromatic gamma-ray and annihilation radiation spectra obtained with Ge(Li) detectors 8-50429
- Shizuma, K.,** Nishi, M., Fujita, T., Yoshizawa, Y. Doppler broadening measurement of positron annihilation in rare gas 8-55131
- Shizuta, Y.,** Asano, K. Global solutions of the Boltzmann equation in a bounded convex domain 8-57876
- Shizuya, K.,** Tye, S.-H.H. Gluon jets from quantum chromodynamics 8-89662
- Shkarina, G.T.** *see* Berdonosov, V.A. 8-56872
- Shkarlet, V.D.** *see* Aleshin, Yu.D. 8-89732
- Shkarofsky, I.P.** Combined effects of rain and imperfect antennas on depolarization in microwave propagation 8-92936
- Shkedi, Z.** *see* Goldring, G. 8-66240
- Shkelev, Ye.I.** *see* Kovner, M.S. 8-73584
- Shkerdin, G.N.** *see* Gulyayev, Yu.V. 8-79043
- Shklover, G.G.** *see* Buyevich, A.V. 8-55671
- Shklovskii, B.I.** Anisotropy of hopping conduction 8-72156
- Shklovskii, B.I.** *see* Baranovskii, S.D. 8-84168
- Shklovskii, I.S.** The nature of the jet in M87 8-54055
- Shklovskii, I.S.** Plasma physics and astronomy 8-89057
- Shklovskii, I.S.** Bursters: new type of X-ray sources or a property of old X-ray pulsars? 8-93477
- Shklyayev, A.A.** *see* Ol'shanetskii, B.Z. 8-51808
- Shklyayeva, I.S.** *see* Maksimov, D.E. 8-61110
- Shklyar, F.R.** *see* Denisov, M.A. 8-90677
- Shklyarevskii, I.N.,** Anachkova, E., Blyashenko, G.S. Dependence of the optical properties of granular silver films on the refractive index of the medium surrounding the granules 8-84672
- Shklyarevskii, I.N.,** Khramtsova, V.I. Achromatic interference polarisers 8-71227
- Shklyarevskii, I.N.** *see* Ageev, V.A. 8-82063
- Shklyarov, I.N.,** Glasko, V.B., Kulik, N.I. Computer analysis of temperature fields in cylindrical parts heated with high-frequency current 8-90632
- Shklyarov, I.N.,** Orlovskii, A.G. Automated equipment for heat treatment with induction heating 8-92284
- Shkoba, T.I.** *see* Bletsan, D.I. 8-52513
- Shkola, N.F.** *see* Ignat'ev, O.V. 8-78595
- Shkol'nik, K.D.** *see* Borovoi, A.A. 8-58310
- Shkolnik, S.M.** *see* Baksht, F.G. 8-63597, 8-67418, 8-67419, 8-79473, 8-79474
- Shkolnik, V.** *see* Dehnard, D. 8-74397
- Shkolnik, V.** *see* Dudek-Ellis, A. 8-82377
- Shkolnik-Yarros, E.G.,** Podugolnikova, T.A. Bipolar cells of the frog retina: a Golgi study 8-56968
- Shkunov, V.V.** *see* Zel'dovich, B.Ya. 8-71149, 8-87100
- Shkuropatov, A.Ya.,** Kurbanov, K.B., Stolovitskii, Yu.M., Yevstigneyev, V.B. Photochemical and photoelectronic properties of the components of photosynthetic apparatus. II. Steady photoconductivity in lamellar systems of chlorophyll-acceptor and chlorophyll+protein-acceptor 8-53328
- Shkutin, L.I.** *see* Pavlov, V.M. 8-94597
- Shlayfer, V.A.** *see* Borishansky, V.M. 8-90987
- Shleien, B.,** Tucker, T.T., Johnson, D.W. The mean active bone marrow dose to the adult population of the United States from diagnostic radiology 8-85382
- Shleiman, Yu.G.** *see* Zalesskii, V.V. 8-76815, 8-95894
- Shlenkin, V.I.** *see* Brunner, W. 8-80208
- Shlenkin, V.I.** *see* Kurkin, I.N. 8-68375
- Shlepkov, S.V.** *see* Kazakov, E.N. 8-50884
- Shlepnev, I.O.** *see* Komogortsev, L.K. 8-85099
- Shlesinger, M.F.** *see* Clay, J.R. 8-77045
- Shlesinger, M.F.** *see* Landman, U. 8-95955
- Shlezinger, A.E.** The Black Sea depression basin—the deepest young trough on the Earth's surface 8-88830
- Shlien, D.J.** *see* Boxman, R.L. 8-74050, 8-89529
- Shliomis, M.I.,** Raikher, Yu.L. Orientation ordering and the mechanical properties of solid polymers 8-59766
- Shlishevskii, B.E.** Improvement of the structure of the process for manufacturing optical components having low stiffness 8-71236
- Shlishevskii, B.E.,** Migus'kina, Z.A. Acceleration of glass polishing processes with chemical reagents 8-90542
- Shlishevskii, V.B.** Taking account of the effect of aberrations in evaluating the efficiency of grille spectrometers 8-70195
- Shlomo, S.** Nuclear Coulomb energies 8-78242
- Shlomo, S.** *see* Barrett, B.R. 8-50205
- Shluter, M.** *see* Baraff, G.A. 8-91640
- Shlyakhoviti, V.P.** *see* Balenko, V.G. 8-88782
- Shlyakhoviti, V.P.** Analysis of block diagrams of photoelectric tilt meters with negative feedback 8-88948
- Shlyakhoviti, V.P.** Selecting method for stabilising light output ratio of emission source of phototransducers in tide-recording equipment 8-88949
- Shlyakhoviti, V.P.** *see* Dychko, I.A. 8-88787
- Shlyakhoviti, V.P.** *see* Ostrovskii, A.E. 8-88785
- Shlyamnev, A.P.** *see* Mirskii, A.L. 8-84835
- Shlyapnikov, G.V.** Infrared radiation of molecular ions 8-50535
- Shlyapnikov, G.V.** *see* Ostroukhova, I.I. 8-50599, 8-71268
- Shlyapnikov, I.V.** *see* Maksimov, D.E. 8-61110
- Shlyapnikov, R.S.** *see* Milovanov, A.K. 8-61732
- Shlyk, V.G.** *see* Petryayev, E.P. 8-61035
- Shmakov, Yu.I.,** Shmakova, L.M. Viscosity of a dilute suspension of rigid spherical particles in a non-Newtonian fluid 8-90807
- Shmakova, L.M.** *see* Shmakov, Yu.I. 8-90807
- Shmalenyuk, R.P.** *see* Naimark, S.I. 8-85077
- Shmal'gauzen, V.I.** *see* Gordienko, V.M. 8-94498
- Shmal'ko, A.V.** *see* Bykovskii, Yu.A. 8-50741, 8-50948
- Shmanenko, Yu.S.,** Roz, N.K., Golomb, V.E. Gravimetric studies of the tectonic structure of the Tashkent Palaeozoic crystalline basement 8-53610
- Shmat'ko, A.A.** *see* Valitov, R.R. 8-71014
- Shmatkova, N.I.** *see* Demikhovskii, V.Ya. 8-52037
- Shmatok, L.K.** *see* Gushkina, N.G. 8-88454
- Shmatov, V.T.** Some aspects of the theory of dislocations in crystals under high pressure 8-55870
- Shmeld, I.K.** *see* Bolgova, G.T. 8-54030
- Shmelev, A.N.** *see* Kovner, D.S. 8-75228
- Shmelev, L.A.** *see* Lyubinskii, I.A. 8-65031, 8-80885
- Shmelev, V.M.** *see* Margolin, A.D. 8-56895
- Shmeltzer, D.** *see* Beserman, R. 8-76475
- Shmider, Ya.** *see* Artemov, K.P. 8-86486
- Shmidt, G.** *see* Kumpf, G. 8-89848
- Shmidt, R.** *see* Toneev, V.D. 8-54801
- Shmonin, L.I.** *see* Enker, M.B. 8-85263
- Shmonin, V.L.** *see* Kalinkin, B.N. 8-58266, 8-58267, 8-58268
- Shmoys, J.** *see* Hessel, A. 8-62993
- Shmuckler, V.A.** *see* Bogomolova, L.D. 8-72399
- Shmueli, M.** A semi-moving grid based finite difference scheme (The SMF2D code) for proper simulation of crack propagation 8-83334
- Shmukler, V.A.** *see* Bogomolova, L.D. 8-88180

- Shmulevich, R.S. see Museliani, V.Sh. 8-92370
 Shmurun, Yu.A. see Kesler, N.A. 8-72990, 8-92429
 Shmyt'ko, I.M. see Aristov, V.V. 8-75500
 Shnaider, Kh. see Skirda, V.D. 8-92294
 Shnaidman, V.A. see Tarnopol'skii, A.G. 8-81326
 Shneerova, R.I. see Mipolsky, Z.L. 8-94709
 Shneerson, G.A. see Popova, V.A. 8-70999
 Shneerson, V.L. see Malomed, B.A. 8-60065
 Shneiderov, A.J. A corpuscular theory of unified field and the origin of natural forces 8-77785
 Shneyder, V.A. see Ivanov, V.Ye. 8-69556
 Shnipp, A.I. see Kelpashchikov, V.L. 8-73949
 Shnol, S.E. see Vepintsev, B.N. 8-93506
 Shnulin, A.N., Aleksandrov, G.G., Struchkov, Yu.T., Mamedov, Kh.S., Amirova, G.S. Molecular and crystal structures of the triterpene methyl meristropate 8-95047
 Shnypikov, A.D. see Dubrovo, S.K. 8-88557
 Shnyrev, G.D. see Berezhkova, G.V. 8-60904
 Shnyrev, G.D. see Novikov, I.I. 8-79561
 Shnyrev, P.D. New resonant piezoelectric transducer construction 8-53100
 Shnyrev, P.D. Problems in the method of preparing piezotransducers for the UF-90PTS 8-90622
 Shnyrev, P.D., Galkin, O.G. Ultrasonic transducer for the quality control of materials 8-73003
 Shnyrev, P.D., Kachnova, K.A. Ultrasonic transducer technology 8-73004
 Shnyrev, P.D., Mochalov, V.A., Stupnikov, Yu.P. A reliability test system for surface-mounting transducers 8-49820
 Shnyrev, P.D. see Lange, Yu.V. 8-53086
 Shnyrkov, V.I., Khilus, V.A., Tsoi, G.M., Chetaev, M.P. Quantum interference and determination of Josephson junction characteristics 8-88081
 Shnyrkov, V.I. see Tsoi, G.M. 8-56259
 Shobatake, K. see Bauer, W. 8-66626
 Shobbrook, R.R. The evolutionary state of the beta Canis Majoris variables. I. Accurate beta photometry of early B stars 8-77562
 Shobbrook, R.R. The evolutionary state of the β Canis Majoris variables. II. The luminosity calibration and evolutionary state 8-96488
 Shobbrook, R.R. see Hunstead, R.W. 8-96555
 Shobha Bhargava see Ray, N.K. 8-90088
 Shoda, K., Nakahara, K., Ohashi, H., Yamazaki, M., Sung, B.N. Photoproduction of π^+ from nuclei relating to residual states 8-54740
 Shoda, K. see Sugawara, M. 8-74515
 Shodha, M.S., Sharma, R.P., Maheshwari, K.P., Kaushik, S.C. Filamentation instability of extraordinary and ordinary modes in a magnetoplasma 8-83575
 Shoemaker, G.L. see Anderson, J.B. 8-55855
 Shoemaker, R.L. see Smirl, A.L. 8-66839
 Shofner, F.M. see Harrison, W.E., Jr. 8-81986
 Shogbola, S. see Jho, C. 8-56024
 Shohet, E. see Carmel, Y. 8-77935
 Shohet, J.L. see Golovato, S.N. 8-83587
 Shohet, J.L. see O'Doherty, R.J. 8-59648
 Shohno, F. see Yamamoto, M. 8-95768
 Shohno, K. see Takenaka, T. 8-56585
 Shohoji, N., Katsura, M., Sano, T. Decomposition pressure of YN and UN-YN solid solutions 8-52780
 Shohoji, N. see Yoshizawa, H. 8-68928
 Shoiikhet, B.A. see Trapeznikov, L.P. 8-63329
 Shoji, H., Higashi, A. X-ray diffraction topographic studies of Antarctic deep core ice 8-63803
 Shoji, T. see Nagashima, A. 8-75417
 Shoji, T. see Takeuchi, H. 8-51341
 Shokhirev, N.V. see Burshtein, A.I. 8-87602
 Shoko, N.R. see Betteridge, D. 8-53300
 Sholl, C.A., Smith, P.V. The energy and electron density of states of H in Pd, Rh and Ni 8-51929
 Sholton, K.C. see Woods, P.T. 8-55395
 Shomodi, A. see Basina, Yu.V. 8-93063
 Shondin, Yu.G. see Shirokov, Yu.M. 8-70018
 Shone, K.B. The Heatre storm of 27 June 1976 8-57288
 Shono, Y., Inuzuka, T. Elimination of aberrations due to a wavelength shift in holographic microscopy 8-74861
 Shook, C.A. see Masliyah, J.H. 8-83457
 Shope, S., Poukey, J.W., Bergeron, K.D., McDaniel, D.H., Toepfer, A.J., Vandevender, J.P. Self-magnetic insulation in vacuum for coaxial geometry 8-78520
 Shopenberg, Zh.M. see Basina, Yu.V. 8-93063
 Shopron, M.V. see Gerasimov, V.I. 8-95040
 Shor, F.I. see Kal'ner, V.D. 8-95810
 Shor, V.A. see Chebotarev, G.A. 8-69737
 Shore, B.W. Effects of magnetic sublevel degeneracy on Rabi oscillations 8-63048
 Shore, B.W., Johnson, M.A. Coherence vs. incoherence in stepwise laser excitation 8-74871
 Shore, B.W. see Goldberg, A. 8-63046, 8-90133
 Shore, B.W. see Rajnak, K. 8-62731
 Shore, H.B. see Rose, J.H. 8-51903, 8-51904
 Shore, H.H. see Sander, L. 8-87916
 Shorey, W.R.J. see Allen, V.H. 8-94119
 Shorikov, V.M. see Zakharov, I.S. 8-68048
 Shorin, K.N. see Bashmakov, Yu.A. 8-78525
 Shorina, L.M. see Volkov, A.D. 8-71552
 Shorokhov, O.A. see Anan'ev, Yu.A. 8-90432
 Short, D.W. see Wade, W.Z. 8-87811
 Short, L. The practical evaluation of multivariate approximants with branch points 8-54161
 Short, S.K. see Miller, G.H. 8-61536
 Shorten, F.J. NBS reactor: summary of activities July 1976-June 1977 8-82435
 Shorthill, R.W. see Vali, V. 8-79142
 Shortt, K.R., Henkelman, R.M. A charge collector to determine the stopping distribution of a pion beam 8-53513
 Shortt, K.R. see Henkelman, R.M. 8-96113
 Shosa, D. see Kaufman, L. 8-85271
 Shoshan, I., Oppenheim, U.P. The use of a diffraction grating as a beam expander in a dye laser cavity 8-66858
 Shoshiashvili, Sh.S. see Amaglobeli, N.S. 8-54652
 Shostak, G.S. Integral properties of late-type galaxies derived from H I observations 8-86015
 Shostak, V.B. see Gol'dshtein, V.A. 8-54748
 Shostak, V.B. see Kuplennikov, E.L. 8-86528
 Shotov, A.P. see Grishechikina, S.P. 8-88269
 Shotov, A.P. see Vodopyanov, L.K. 8-79699
 Shotov, A.P. see Volkov, B.A. 8-51675
 Shotov, A.P. see Vyatkin, K.V. 8-51878
 Shotton, A.C. see McGeorge, J.C. 8-58262
 Shotton, K.C. see Rowley, W.R.C. 8-89452
 Shou Gao Chung see Gao Chung Shou
 Shou-kung Chang see Chang Shou-kung
 Shou-Yih Wang see Kung-Yang Liao 8-59229
 Shoucri, M.M. Computer simulation of the sideband instability 8-83546
 Shoucri, M.M., Gagne, R.J. Eigenmodes of a microwave cavity partially filled with an anisotropic hot plasma 8-75362
 Shoucri, M.M., Gagne, R.R.J. Splitting schemes for the numerical solution of a two-dimensional Vlasov equation 8-67310
 Shoucri, M.M., Gagne, R.R.J. Nonlinear behavior of a monochromatic wave in a one-dimensional Vlasov plasma 8-71469
 Shoucri, M.M., Gagne, R.R.J. Amplitude oscillations of a monochromatic wave in a one-dimensional plasma 8-87443
 Shoucri, M.M., Gagne, R.R.J. Comments on "Calculation of noncylindrical symmetric space-charge flow" 8-91181
 Shoucri, R.M., Dumesnil, J.G. The dynamics of the ventricular wall and some observations on blood flow 8-80896
 Shoukri, M.S.M., Judd, R.L. A theoretical model for bubble frequency in nucleate pool boiling including surface effects 8-90651
 Shovskii, V.A. see Kazimirov, V.P. 8-56124
 Showalter, C.K., Bunge, R.E., Gross, R.E., Seville, M.E. An analysis of film/screen combinations and patient exposures from Nationwide Evaluation of X-ray Trends (NEXT) 8-73233
 Showen, R.L., Duncan, L.M., Cragin, B.L. Observations of plasma instabilities in a multiple pump ionospheric heating experiment 8-57382
 Showen, R.L. see Cragin, B.L. 8-57381
 Showen, R.L. see Fejer, J.A. 8-59572
 Showlater, J.P. see Kaye, M.D. 8-77131
 Shpak, I.V. see Vorontsov, V.I. 8-58916
 Shpak, M.T. see Danileiko, M.V. 8-82997
 Shpak, M.T. see Gnatovskii, A.V. 8-50940, 8-63147
 Shpak, M.T. see Gnatovskii, O.V. 8-90442
 Shpak, M.T. see Ostapenko, N.I. 8-56498
 Shpak, M.T. see Vol'yar, A.A. 8-83081
 Shpak, M.T. see Vol'yar, A.V. 8-59148
 Shpakov, A.A., Kosarev, A.V. Mechanism of oxidative phosphorylation. III. Dependence of the functional indices on the composition of the incubation medium of the mitochondria 8-69009
 Shpakov, A.A., Kosarev, A.V., Zymaleva, O.G. Mechanism of oxidative phosphorylation. IV. Role of the closed condition of the membranes on the mitochondria 8-77013
 Shpakovskaya, L.N. see Nesterovich, L.N. 8-92254
 Shpakovskaya, L.P. see Palatnik, L.S. 8-59815
 Shpenik, O.B. Resonances observed on the optical excitation functions 8-58841
 Shperun, V.M. see Freik, D.M. 8-95702
 Shpigel', A.S. see Gabovich, A.M. 8-95402
 Shpigel', A.S. see Pashitskii, E.A. 8-56254, 8-68145
 Shpigel', I.S. see Berzhetskii, M.S. 8-59547
 Shpil'rain, E.E., Yakimovich, K.A., Mozgovoi, A.G. Thermal expansion of liquid potassium at high temperatures 8-75853
 Shpil'rain, E.E., Yakimovich, K.A., Mozgovoi, A.G. Experimental study of the density of liquid potassium at temperatures from 1640 to 2030K 8-91369
 Shpinar, L.I. see Shakhovtsov, V.I. 8-56166
 Shpinel, V.S. see Bogdanov, T.V. 8-91998
 Shporer, M. see Walmsley, R.H. 8-64288
 Shrader, E.F. see Nestor, O.H. 8-59067
 Shraiber, A.A. see Podvysotskii, A.M. 8-83461
 Shraiber, Yu.L. see Marchenko, M.K. 8-73958
 Shrauner, J.E., Hammer, C.L., DeFazio, B. Path integral representation of S-matrix 8-78103
 Shrestha, K.K. see Pradhananga, T.M. 8-87863
 Shrestha, N.P. Some features of h-type Es at Uppsala 8-81497
 Shreter, Yu.G. see Bragina, T.M. 8-72600
 Shrieber, S.V. see Grigor'yants, V.V. 8-59137
 Shrivastava, B.D., Singh, D. New diagram lines in the L-emission spectrum of neodymium-60 8-86809
 Shrivastava, K.K. see Chandra, B.P. 8-88370
 Shrivastava, K.N. Effect of photons on the magnon splitting 8-64276
 Shrivastava, K.N. Reduction of spin-Hamiltonian constants in a ferroelectric phonon driven phase transformation 8-92033
 Shrivastava, R.K. see Kalluri, D. 8-71007
 Shrivastava, R.L., Srivastava, K.S. Optical effects in Be K-emission spectra of BeO and BeF₂ 8-64431
 Shrivastava, R.L., Srivastava, K.S., Harsh, O.K., Kumar, V., Sangal, S.S. High energy plasmon satellite in the Auger spectrum of Al 8-64432
 Shrivastava, R.L. see Srivastava, K.S. 8-64430
 Shrivastava, R.N. see Chaur, R.S. 8-64550
 Shrivastava, R.N. see Jain, S.K. 8-52855
 Shrivastava, S.B., Bonde, H.P. Positron annihilation rates in the metals of Ag and Au series 8-76548
 Shrivastava, S.K. Orbital perturbations and stationkeeping of communication satellites 8-89039
 Shrivastava, S.K. see Hablani, H.B. 8-63275
 Shrock, R.E. Test for the existence of effectively stable neutral heavy leptons 8-66185
 Shrock, R.E. see Albright, C.H. 8-70271
 Shrock, R.E. see Lee, B.W. 8-70317
 Shroff, A.M. see Berrada, A. 8-60541
 Shshatskaya, L.P. see Mishchenko, E.D. 8-77998
 Shtandel', S.K. see Maksimov, L.S. 8-90543
 Shtanko, A.E. see Vlasov, N.G. 8-49891
 Shtein, L.B. see Akhutov, V.M. 8-65142
 Shtein, M.M. see Boiko, D.A. 8-53147
 Shteinberg, M.M., Goikhenberg, Yu.N., Smirnov, M.A. The strengthening of stainless steel Kh17N13M2T by plastic deformation and cold working 8-52839
 Shteinberg, M.M., Smirnov, M.A., Filatov, V.I. High-temperature combined heat treatment and mechanical working of alloy steels with differing carbon content 8-52854
 Shteinberg, M.M. see Goikhenberg, Yu.N. 8-76649
 Shteinberg, M.M. see Povolotskii, V.D. 8-56639
 Shteinberg, S.A. see Baikova, S.A. 8-53266
 Shteinberg, V.E., Konovalev, S.N., Karamyshev, M.A. Pulsed ultrasonic quality control in the heat treatment of fluoropolymer components 8-60953
 Shteinigrad, D.M. see Fradkin, E.S. 8-93615
 Shteins, K.A., Ivanov, A.V. Automation of the transit instrument 8-73636
 Shteins, K.A., Ogrin'sh, M.P., Rosenberg, P.P. Recording of the mean moments and their errors in stellar passages 8-73653
 Shteinshneider, N.Ya., Zhidomirov, G.M., Muromtsev, V.I. Calculation of transient ESR line profiles 8-88170
 Shteinshtreiber, V.I. see Kulieva, G.A. 8-60118
 Shteinshtreiber, V.Ya. see Abdullaev, G.B. 8-87946
 Shtemenko, Yu.N. Multidimensional polarization analysis 8-73528
 Shtepa, T.D. see Eremenko, V.N. 8-80540
 Shtepa, T.D. see Koleniats, L.L. 8-84804
 Shtern, D.M. see Kozlov, E.V. 8-64532, 8-87794
 Shtern, Yu.Yu. see Kirillov, P.L. 8-87384
 Shternberg, A.R. see Sprogis, A.A. 8-76508
 Shtin, A.P., Galaktionov, A.D., Makarov, V.V., Mamoshin, V.L. The structural role of niobium in glasses of the K₂O-Al₂O₃-P₂O₅-Nb₂O₅ system 8-67653
 Shtoer, M. see Apel', V.D. 8-78223
 Shtokman, M.I. Hypothesis on the quantum mechanism of active transport 8-53364
 Shtolt's, A.K. see Sozontova, G.N. 8-80512
 Shtol'ts, E.V. see Martem'yanov, A.N. 8-76268
 Shtovba, Yu.K., Teleshov, V.V., Kozlova, O.M. Influence of preliminary forging of billets on the structure and mechanical properties of extruded sections of aluminium alloys D16, AK4-1, and 1201 8-80564
 Shtraus, I.D. see Damburg, N. 8-92814
 Shtraus, V.D. An algorithm for calculating the frequency dependence of the complex dielectric permittivity and the complex compliance 8-68442
 Shtremel', M.A. see Andreev, Yu.G. 8-79565
 Shtremel', M.A. see Petrunenkov, A.A. 8-57940

- Shtrikman, H.** *see* Tamari, N. 8-64526
- Shtrikman, S.** *see* Homreich, R.M. 8-52265
- Shtrikikh, O.Y.** *see* Bolotnikova, T.N. 8-90208
- Shtyrkov, E.I., Lobkov, V.S., Yarmukhametov, N.G.** The induced lattice formed in a ruby by the interference of atomic states 8-66861
- Shtyrkov, E.I.** *see* Khaibullin, I.B. 8-67732
- Shu Ji** *see* Ji Shu
- Shu-Cheng Yu**, Spain, I.L., Skelton, E.F. Polymorphism and the crystal structures of InSb at elevated temperature and pressure 8-95026
- Shu-I Liu** *see* Liu Shu-I
- Shu-Sing Chang** Heat capacity and thermodynamic properties of poly(vinyl chloride) 8-79779
- Shu-Tso Lee** *see* Baker, D.R. 8-71542
- Shu-yi Zhang** *see* Zhang Shu-yi
- Shu-Zhi Yin** *see* Yin Shu-Zhi
- Shuang-Gui Yuan** *see* Yuan Shuang-Gui
- Shub, L.I.** *see* Ginzburg, I.P. 8-83451
- Shuba, Yu.A.** *see* Kholopov, G.K. 8-86335
- Shubadeeva, L.P.** *see* Nemchinov, I.V. 8-87470
- Shubba, V., Ramesh, T.G.** A novel technique for the measurement of resistivity at high pressures and temperatures 8-57978
- Shubha, V., Ramesh, T.G., Ramaseshan, S.** Critical point for the S→M transition in SmS 8-60174
- Shubin, V.V.** *see* Andreyeva, N.Ye. 8-76991
- Shubnikov, M.L.** *see* Popov, V.V. 8-56146
- Shubskii, G.I.** *see* Turovskii, B.M. 8-52658
- Shuchman, R.** *see* Shemdin, O.H. 8-77248
- Shuchman, R.A., Zelenka, J.S.** Processing of ocean wave data from a synthetic aperture radar 8-77335
- Shuey, R.T., Wannamker, P.E., Cribb, J.L.** Discussion on 'Application of the generalized inverse to the inversion of static potential data' by J. Cribb 8-77350
- Shuey, R.T.** *see* Brown, F.H. 8-85470
- Shugard, M., Tully, J.C., Nitzan, A.** Stochastic classical trajectory approach to relaxation phenomena. I. Vibrational relaxation of impurity molecules in solid matrices 8-79707
- Shuiskaya, F.K.** *see* Bolyunova, A.D. 8-69611
- Shuker, P.** *see* West, W.P. 8-66497
- Shuker, R., Phelps, A.V., Gallagher, A.C.** Models of Na-Xe discharges for visible lasers 8-63088
- Shukevich, A.K.** *see* Kozlov, A.G. 8-88611
- Shukla, G.C., Easa, Sh.I.** Atomic static multipole polarizabilities 8-82859
- Shukla, G.C.** *see* Yousif, F.N. 8-66677
- Shukla, J.B., Rao, B.R.P., Parihar, R.S.** Swimming of spermatozoa in cervix: effects of dynamical interaction and peripheral layer viscosity 8-69126
- Shukla, K.P.** *see* Singh, S. 8-75247
- Shukla, M.M.** The nonequivalence of angular force models of de Launay and Clark, Gazis and Wallis for FCC metals 8-63819
- Shukla, M.M.** On the equivalence of angular force for lattice dynamics of b.c.c. metals 8-83891
- Shukla, P.** Percolation in three-dimensional random X-Y model 8-80113
- Shukla, P.K.** Modulational instability of whistler-mode signals 8-85774
- Shukla, P.K., Spatschek, K.H.** Profile modifications at critical density of laser-produced plasmas 8-59550
- Shukla, P.K., Yu, M.Y., Tagare, S.G., Sharma, A.S.** Existence and propagation of finite amplitude upper hybrid solitary waves 8-83555
- Shukla, P.K.** *see* Yu, M.Y. 8-83551
- Shukla, P.K.** *see* Zhelyazkov, I. 8-59579
- Shukla, S.R., Pandey, S.D.** EPR of Mn²⁺ in single crystals of MgK₂(SeO₄)₂·6H₂O and MgCs₂(SeO₄)₂·6H₂O 8-91938
- Shuklina, V.M.** *see* Tamarin, A.I. 8-59476
- Shukolyukov, S.A.** *see* Novikov, K.N. 8-80872
- Shukre, C.S.** *see* Morris, D. 8-85965
- Shukrinov, Yu.M.** *see* Akhmedov, S.Sh. 8-66714
- Shukurov, A.Kh.** *see* Georgievskii, Yu.S. 8-53702
- Shula, G.V.** *see* Shevchenko, N.G. 8-86473
- Shulakov, E.V.** *see* Aristov, V.V. 8-75500
- Shul'chishin, Yu.A.** *see* Grechnev, K.V. 8-53766
- Shulemovich, V.M.** *see* Dolgov, V.N. 8-87338
- Shulepov, V.I.** *see* Ivanov, V.K. 8-95820
- Shuler, K.E.** *see* West, B.J. 8-54306
- Shulga, A.M.** *see* Gradyushko, A.T. 8-55197
- Shulga, A.M.** *see* Solovoy, K.N. 8-62812
- Shul'ga, E.P.** *see* Zyuganov, A.N. 8-56246
- Shul'ga, N.F.** *see* Akhiezer, A.I. 8-83859
- Shulga, V.I.** Two-atomic scattering of ions in their reflection from single crystals 8-68591
- Shul'ga, V.M., Chernova, N.I.** High-resolution optical heterodyne spectrometer 8-82048
- Shul'gin, A.I.** *see* Ibraimov, V.Yu. 8-86697
- Shul'gin, B.V.** *see* Lushchik, Ch.B. 8-72574
- Shul'gin, D.F.** *see* Verigin, N.N. 8-77279
- Shul'gin, V.A., Kotov, V.V., Kryachko, V.V., Synorov, V.F., Glaznev, A.N.** An investigation of the switching properties of Si(SiO₂)-SnO₂ structures 8-76138
- Shul'gin, V.I.** *see* Likhter, V.A. 8-59613
- Shul'gina, Z.I.** *see* Vladimirov, L.V. 8-95893
- Shul'govich, G.I.** *see* Kozhemyakin, V.A. 8-86744
- Shulikovskii, V.Yu.** Inner region of accretion disks in binary stellar systems 8-69843
- Shulishova, O.I.** *see* Samsonov, G.V. 8-52703
- Shull, J.M., McCray, R.** Forbidden lines in quasars and active galaxies 8-93408
- Shuller, I.K., Falco, Ch.M.** Optically induced non-equilibrium and heating effects in superconductors 8-95398
- Shul'man, C.G.** *see* Zhukova, T.B. 8-91618
- Shul'man, G.A.** Estimation of critical parameters of degenerate magnetic white dwarfs 8-65622
- Shul'man, G.A.** *see* Ivanov, M.A. 8-49990
- Shulman, R.G.** *see* Brown, T.R. 8-77022
- Shulman, R.G.** *see* Cohen, S.M. 8-61150
- Shulman, R.G.** *see* Eisenberger, P. 8-68989
- Shulman, S.** *see* Cruddace, R.G. 8-65692
- Shul'man, S.G.** *see* Bzhilava, T.A. 8-52040
- Shul'man, S.G.** *see* Mal'kova, A.A. 8-60164
- Shul'man, S.G.** *see* Ryabov, A.V. 8-60015
- Shul'man, V.M.** *see* Ginzburg, S.K. 8-52866
- Shul'man, Ya.M.** *see* Bakhtin, L.G. 8-65863
- Shul'man, Z.P., Baikov, V.I., Benderskaya, S.L.** Behavior of film of viscoplastic liquid in the presence of slip at the wall 8-59371
- Shulman, Z.P., Kordonskii, V.I., Demchuk, S.A.** Magnetic field effects on mechanical behaviour of ferrosuspensions 8-87321
- Shul'man, Z.P., Kordonskii, V.I., Novichenok, L.N., Demchuk, S.A.** Investigation of the effect of a magnetic field on the thermophysical characteristics of ferromagnetic suspensions 8-59500
- Shulman, Z.P., Korobko, E.V.** Convective heat transfer of dielectric suspensions in coaxial cylindrical channels 8-59494
- Shul'te, A.Yu.** *see* Magdenko, A.N. 8-56799
- Shulten, K.** *see* Ohmne, I. 8-55130
- Shultin, A.A.** *see* Abolin'sh, Ya.Ya. 8-92081
- Shultz, M.J., Yablonoivich, E.** A statistical theory for collisionless multiphoton dissociation of SF₆ 8-62862
- Shultz, J.W., Dickertmann, D.** Kinetics of metal ion adsorption and the influence of surface structure 8-79873
- Shulyakovskii, E.A.** *see* Babintseva, T.P. 8-74035
- Shulzhenko, G.I.** *see* Burmasov, V.S. 8-75372
- Shumakovskii, E.K.** *see* Evnevich, T.V. 8-81407
- Shuman, F.G.** Numerical weather prediction 8-69393
- Shuman, M.E., Brennen, W.** Heterogeneous recombination of nitrogen atoms by the Smith side tube method: effects of tube length and homogeneous recombination 8-68881
- Shumate, P.W.** *see* Chen, F.S. 8-79059
- Shumate, P.W., Jr., Chen, F.S., Dorman, P.W.** Atlanta Fiber System Experiment: GaAlAs laser transmitter for lightwave transmission systems 8-90423
- Shumeiko, V.S.** *see* Bratus', E.N. 8-91815
- Shumeiko, V.S.** *see* Galaiiko, V.P. 8-56255
- Shumilin, V.P.** *see* Avdeev, F.N. 8-90619
- Shumilov, O.I., Frank-Kamenetskii, A.V.** Relation between the intensity of the electron flux at a geostationary orbit and the form of auroral absorption bays 8-69619
- Shumilov, Yu.P.** *see* Bakut, P.A. 8-77832
- Shumm, B.A.** *see* Erofeev, L.N. 8-58000
- Shumovsky, A.S.** *see* Kudrjavitsev, I.K. 8-76207
- Shumpert, T.H.** *see* Jones, R.K. 8-71015
- Shumpert, T.H.** *see* Riggs, L.S. 8-71003
- Shumskii, R.V.** *see* Kirillov, P.L. 8-87384
- Shumsky, R.V.** *see* Kirillov, P.L. 8-94805
- Shun, D.H.** Green's functions for composite media 8-77712
- Shung, K.K., Reid, J.M.** Ultrasound velocity in major bovine blood vessel walls 8-85333
- Shun'ichi Hisamatsu, Sakanoue, M.** Determination of transuranium elements in a so-called 'Bikini Ash' sample and in marine sediment samples collected near Bikini Atoll 8-96103
- Shuo-hung Kuo** *see* Kuo Shuo-hung
- Shupe, D.S.** Effect of surface processes on hydrogen and nitrogen permeation. I. Adsorption 8-63879
- Shur, B.A.** *see* Peletskii, V.E. 8-95282
- Shur, L.N.** *see* Uimin, G.V. 8-75936
- Shur, M.** Maximum electric field in high-field domain 8-79996
- Shur, M.L., Shcherbinin, V.E.** Magnetostatic field of a defect inside a plane-parallel plate 8-72986
- Shur, M.L.** *see* Shcherbinin, V.E. 8-53150
- Shur, Ya.S.** *see* Glazer, A.A. 8-60318
- Shur, Ya.S.** *see* Luzhinskaya, M.G. 8-68286
- Shuraleva, E.I.** *see* Salomatov, V.N. 8-75661
- Shurgay, P.I.** *see* Lezhnin, F.F. 8-75053
- Shurin, A.K., Panarin, V.E., Sul'zhenko, V.K., Kozyrskii, G.Ya.** Properties of eutectic alloys containing titanium diboride at high temperatures 8-84931
- Shurinov, A.I.** *see* Kestenboim, Kh.S. 8-87361
- Shurmel', V.A.** *see* Anisimov, V.I. 8-70624
- Shurmovskaya, N.A.** *see* Burshtein, R.Kh. 8-60187
- Shurvell, H.F.** *see* Korppi-Tommola, J. 8-80335
- Shuryak, E.V.** Quark-gluon plasma and hadronic production of leptons, photons and pions 8-89669
- Shuryak, E.V.** Quark-gluon plasma and production of leptons, photons and pions in hadronic collisions 8-89672
- Shuryak, E.V.** *see* Zhirov, O.V. 8-89809
- Shusha, V.V.** *see* Lugakov, P.F. 8-56158
- Shushin, A.I.** The Massey parameter expansion for the semiclassical scattering matrix 8-58759
- Shushin, A.I.** *see* Nikitin, E.E. 8-70918
- Shushurin, S.P.** Essay on the development of the statistical theory of the calculus of probability 8-54301
- Shustov, A.P.** Coherent states and energy spectrum of the anharmonic oscillator 8-81873
- Shustov, E.I.** *see* Bryle, I.S. 8-53772
- Shute, G.G.** *see* Roos, P.G. 8-62535
- Shutkin, A.E.** *see* Kozlyev, V.S. 8-53751
- Shuttleworth, D.** *see* Clark, D.T. 8-95655
- Shuttleworth, W.J.** A simplified one-dimensional theoretical description of the vegetation-atmosphere interaction 8-61479
- Shutts, G.J.** Quasi-geostrophic planetary wave forcing 8-73482
- Shuvaev, R.S.** *see* Donskov, S.V. 8-78549
- Shuvalov, A.P.** *see* Roitburd, I.A. 8-76814
- Shuvalov, B.N.** *see* Baru, S.E. 8-62284
- Shuvalov, L.A.** *see* Arndt, H. 8-52473
- Shuvalov, L.A.** *see* Baranov, A.I. 8-52452
- Shuvalov, L.A.** *see* Fedotov, A.P. 8-80341
- Shuvalov, L.A.** *see* Grande, S. 8-52460
- Shuvalov, L.A.** *see* Ivanov, N.R. 8-95558
- Shuvalov, L.A.** *see* Volk, T.R. 8-92047
- Shuvalov, L.A.** *see* Zapart, W. 8-60331
- Shuvalov, R.S.** *see* Apel', V.D. 8-78223
- Shuvalov, V.A.** *see* Gubin, V.V. 8-75378
- Shuvalov, V.F.** *see* Galkin, A.A. 8-86311
- Shuyskaya, K.F.** *see* Le'chuk, V.L. 8-82415
- Shvaiko, M.Yu.** On variation of dependence between the angle of loading and the increase of the deformation and stress vectors in the theory of slip 8-67051
- Shvaiko, N.Yu.** *see* Zelenskii, A.G. 8-55578
- Shvangiradze, R.R.** *see* Vysokova, I.L. 8-75452
- Shvarev, K.M.** *see* Gushchin, V.S. 8-84601
- Shvartsin, S.M.** Investigation of stability in transport problems 8-57880
- Shvarts, A.S.** *see* Frolov, I.V. 8-95412
- Shvarts, I.M.** *see* Aivazova, L.S. 8-51996
- Shvarts, K.** Photostimulated processes in inorganic materials and optical information storage 8-82926
- Shvarts, K.K.** Relationship between the photorefractive and electrooptic effects in lithium niobate crystals 8-92048
- Shvarts, N.L.** *see* Svitashv, K.K. 8-56449
- Shvarts, Yu.M.** *see* Konakova, R.V. 8-72255
- Shvartsbart, Ya.S.** Analytical determination of shearing stresses during hot twisting 8-60900
- Shvartsbart, Ya.S., Nikitin, G.S., Zuev, I.G.** Influence of multistage mode of deformation of stainless steels on their resistance to hot forming 8-80583
- Shvartsman, A.Z.** *see* Blinov, N.N. 8-57060
- Shvartsman, V.L.** *see* Syrovat'skii, E.F. 8-60597
- Shved, G.M., Stepanova, G.I., Kutepov, A.A.** Radiative transfer in the 4.3 μm CO₂ band with non-LTE in the Earth's atmosphere 8-88914
- Shved, G.M.** *see* Gavrilov, N.M. 8-73526
- Shved, M.M.** *see* Bilyi, L.M. 8-56800
- Shvedov, E.V., Ievlev, V.M.** Nucleus saturation density and epitaxy in the condensation of metals on alkali-halide crystals. II. Oriented growth of islands 8-87889
- Shvedova, A.A.** *see* Novikov, K.N. 8-80872
- Shvedunov, V.I.** *see* Varlamov, V.V. 8-89840
- Shveikin, G.P.** *see* Bazuev, G.V. 8-72335
- Shveikin, G.P.** *see* Fedorenko, V.V. 8-52746
- Shveikin, G.P.** *see* Zainulin, Yu.G. 8-91454
- Shvets, A.E.** *see* Bleidelis, J.J. 8-62942
- Shvets, A.I.** Base flow 8-67243
- Shvets', R.M., Dasyuk, Ya.I.** On the deformation theory of visco-elastic media taking into account the thermodiffusion processes 8-67052
- Shvets, Yu.I., Dorfman, A.Sh., Didenko, O.I., Lipovetskaya, O.D.** Coupled heat exchange in gradient current flow around a thin plate 8-83398
- Shvets, Yu.I., Virozub, I.E., Vishnyak, V.F.** Numerical integration of the system of equations for nonadiabatic flow of a compressible gas in a tube 8-83427
- Shvetsov, V.D.** Measuring residual stresses in a sample in tests on an SMTs-2 friction machine 8-60906
- Shvidkovskaya, T.E.** *see* Ignat'ev, P.P. 8-96365

- Shvidkovskaya, T.E.** *see* Volodin, E.Ya. 8-53779
- Shvilkin, B.N.**, Skovoroda, A.A. Propagation of plasma wave in inhomogeneous plasma located in a magnetic field 8-75318
- Shvilkin, B.N.**, Skovoroda, A.A. Propagation of electromagnetic waves in a plasma located in inhomogeneous magnetic field in the presence of electron cyclotron resonance 8-75351
- Shvilkin, B.N.** *see* Belavin, M.I. 8-75338
- Shvilkin, B.N.** *see* Skovoroda, A.A. 8-51315
- Shvindlerman, L.S.** *see* Aleshin, A.N. 8-91475
- Shvindlerman, L.S.** *see* Aristov, V.Yu. 8-67721
- Shvits, R.N.**, Dasyuk, Ya.I. Variational theorems for thermomodification in deformable solids 8-62169
- Shwe, H.** *see* Heckman, H.H. 8-70561
- Shyam, R.** *see* Mehra, R.M. 8-56161
- Shyh Wang** *see* Kazem Shams, M. 8-79031
- Shyn, T.W.**, Sharp, W.E., Carignan, G.R. Angular distribution of electrons elastically scattered from CO₂ 8-74766
- Shypilov, V.M.** *see* Tchekaline, I.A. 8-77264
- Si, S.K.** *see* Mittal, R.C. 8-84777
- Si Dang Le** *see* Le Si Dang
- Siakavellas, N.** *see* Adam, J. 8-71473
- Siambis, J.G.** Resonant instabilities in the coaxial autoaccelerator 8-82540
- Siambis, J.G.**, Friedman, M. Klystron instability in the coaxial autoaccelerator 8-82541
- Siapakas, D.I.** Soft modes in the order-disorder phase transitions of thiourea 8-80361
- Sibbett, W.** *see* Adams, M.C. 8-78019
- Sibilano, M.** *see* Baldassarre, L. 8-76434
- Sibille, F.** *see* Kandel, R.S. 8-85993
- Sibson, R.H.** *see* Moore, H.E. 8-96160
- Sibuet, J.-C.**, Mascle, J. Plate kinematic implications of Atlantic equatorial fracture zone trends 8-85527
- Sicha, M.**, Tichy, M., Rezacova-Hrachova, V. Measurement of the electron distribution function in low-pressure low-temperature plasma 8-71534
- Sichel, E.K.**, Gittleman, J.I., Abeles, B. Optical properties of granular magnesium films 8-80430
- Sichel, E.K.** *see* Ping Sheng 8-52044
- Sichka, M.Yu.** *see* Bletskan, D.I. 8-52513
- Siciliano, E.R.**, Thaler, R.M. Distorted waves in pion- (kaon-) nucleus reactions 8-94033
- Sicinski, A.** *see* Pilawski, M. 8-65943
- Sick, I.** *see* Arnold, R.G. 8-62521
- Sick, I.** *see* Bellicard, J.B. 8-54669
- Sicking, G.** *see* Huber, B. 8-63880
- Sickles, E.A.**, Genant, H.K., Doi, K. Comparison of laboratory and clinical evaluations of mammographic screen-film systems 8-69187
- Sickles, E.A.**, Genant, H.K., Doi, K. Laboratory and controlled clinical evaluations of the image properties of mammographic screen-film systems 8-85365
- Sickles, E.A.** *see* Genant, H.K. 8-69185
- Scuranza, G.** *see* Delcaro, L. 8-53539
- Sidak, P.I.** *see* Kuchikyan, L.M. 8-71133
- Sidak, P.I.** *see* Volyar, A.V. 8-55466
- Siddiq, M.** *see* Zetlemoyer, A.C. 8-85210
- Siddiqi, G.H.**, Elgerwi, L.A. Stress analysis of elliptic paraboloid shells by a computer method 8-59294
- Siddique, H.R.** *see* Hall, S.J. 8-58280
- Siddiqui, I.M.**, Smith, R.W. A holographic interferometer for investigating the homogeneity of optical glass 8-90401
- Siddons, D.P.** *see* Hart, M. 8-82088
- Sidebottom, O.M.** Elevated-temperature creep and relaxation of torsion-tension members 8-83260
- Sidebottom, O.M.** *see* Lamba, H.S. 8-84844, 8-88510, 8-92308
- Sidel'nikova, N.S.** *see* Zavgorodnii, P.F. 8-59267
- Sidenius, G.** Ion sources for low energy accelerators 8-58521
- Sidenius, G.** Gas and vapour ion sources for low-energy accelerators 8-66445
- Sidenko, T.S.**, Strikha, V.I., Sheka, D.I., Panichevskaya, V.I. The I-V characteristic of a metal-semiconductor contact with an insulator gap that is opaque to tunneling 8-80061
- Sides, D.J.** Experimental verification of theories of acoustic transmission through plates immersed in a fluid 8-59183
- Sides, W.H., Jr.**, Mathis, M.V., Smith, C.M. Identification of neutron noise sources in a Boiling Water Reactor 8-94106
- Sidey, D.** Creep-fatigue interactions in a low alloy steel 8-60841
- Sidey, D.** Some interactions between creep and fatigue in a 1% Cr-Mo-V steel 8-64632
- Sidhanta, J.** A Mandelstam representation for nucleonic form factors 8-74256
- Sidharth, B.G.** On the phase shifts for certain classes of potentials 8-89364
- Sidhu, D.P.**, Langacker, P. Determining the neutrino-hadron weak neutral-current couplings 8-86435
- Sidhu, D.P.** *see* Mohapatre, R.N. 8-70305
- Sidhu, G.S.**, Farley, W.E., Hansen, L.F., Komoto, T., Pohl, B., Wong, C. Transport of neutron and secondary gamma radiations through a liquid air sphere surrounding a 14-MeV neutron source 8-50234
- Sidhu, S.S.**, Good, R.H., Jr. Definition of polarization of a spin $1/2$ particle in an external electromagnetic field 8-58116
- Sidi, C.**, Teitelbaum, H. Thin shear turbulent layers within the lower thermosphere induced by non-linear interaction between tides and gravity waves 8-65444
- Sidis, V.**, Kubach, C. Theoretical study of the elastic and charge exchange processes in H⁺+Cs collision 8-78804
- Sidis, V.** *see* Horsdal Pedersen, E. 8-58794
- Sid'ko, F.Ya.**, Nemchenko, I.A., Sakharova, V.A., Lopatin, V.N. The influence of dispersivity of suspended 'soft' hydrosol particles on light scattering 8-68932
- Sidko, F.Ya.** *see* Lopatin, V.N. 8-82913
- Sidky, P.S.** *see* Salem, T.M. 8-88565
- Sidlichovsky, M.** The force function of two general bodies 8-73620
- Sidorenko, G.A.** *see* Gorobets, B.S. 8-72597
- Sidorenko, N.A.** *see* Brandt, N.B. 8-76084
- Sidorenko, N.B.** *see* Berezhnoi, A.A. 8-50874
- Sidorenko, O.V.**, Zvyagin, B.B., Soboleva, S.V. Refinement of the crystal structure of 2M₁ paragonite by the method of high-voltage electron diffraction 8-67696
- Sidorenko, O.V.**, Zvyagin, B.B., Soboleva, S.V. The crystal structure of 3T paragonite 8-67697
- Sidoroff, F.** On the tensor equation AX+XA=H 8-86155
- Sidorov, A.A.**, Popkov, V.V., Gubanov, V.A., Luk'yanov, A.S. Indirect exchange interactions in magnetic insulators 8-88110
- Sidorov, A.F.** Flows of gas in a gravitational field 8-67212
- Sidorov, A.N.** *see* Meshkova, G.N. 8-55174
- Sidorov, N.I.** *see* Tverskoi, V.S. 8-58003
- Sidorov, N.S.** *see* Kusaev, Yu.I. 8-52664
- Sidorov, P.M.**, Belokoneva, E.L., Fedorov, N.F., Tunik, T.A., Simonov, M.A., Belov, N.V. Synthesis and crystal structure of CdNd₄[SiO₄]₃O 8-87653
- Sidorov, S.K.** Phenomenological theory of magnetisation of alloys with mixed exchange interaction 8-56297
- Sidorov, S.K.** *see* Karkin, A.E. 8-52142
- Sidorov, S.K.** *see* Men'shikov, A.Z. 8-68160, 8-88124
- Sidorov, S.K.** *see* Teploukhov, S.G. 8-75502
- Sidorov, S.K.** *see* Volkmyanin, A.P. 8-88117
- Sidorov, V.A.** *see* Baru, S.E. 8-62282, 8-62284
- Sidorov, V.I.** *see* Brandt, N.B. 8-49848
- Sidorov, V.M.** *see* Batusov, Yu.A. 8-54745, 8-89855
- Sidorov, V.M.** *see* Bunyatov, S.A. 8-89816
- Sidorov, V.S.** *see* Sobolev, D.F. 8-67700
- Sidorova, V.K.** *see* Levitan, Yu.L. 8-59364
- Sidorovich, A.V.**, Baklagina, Yu.G., Kenarov, A.V., Nadezhin, Yu.S., Adrova, N.A., Florinsky, F.S. Peculiarities of supermolecular structure of polyimides and polyester imides 8-75571
- Sidyakin, V.G.** *see* Aivazova, L.S. 8-51996
- Sidzhimov, B.C.** *see* Gerasimova, I.D. 8-83656
- Sie, S.H.** A method for synthesizing response functions of NaI detectors to gamma rays 8-94158
- Sie, S.H.** *see* Newton, J.O. 8-54794
- Siebeneck, H.J.** *see* Koopman, D.K. 8-55751
- Siebenthal, J.M.** *see* De Siebenthal, J.M.
- Sieber, L.J.** *see* Harmer, D.R. 8-73644
- Sieber, W.** *see* Bartel, N. 8-81645
- Sieber, W.** *see* Oster, L. 8-53972, 8-53973
- Siebers, D.L.** *see* Viskanta, R. 8-74956
- Siebert, B.R.L.**, Matzke, M. ENDF-TR 440: a program for processing ENDF data on the PTB Telefunken TR440 computer 8-82414
- Siebert, D.R.** *see* Drozdoski, W.S. 8-82770
- Siebert, H.-U.** *see* Adam, J. 8-74334
- Siebrand, W.**, Zgierski, M.Z. Matrix elements for internal conversion 8-86903
- Siebrand, W.** *see* Henneker, W.H. 8-94234, 8-94249
- Sieburth, J.McN.**, Johnson, P.W. Electron photomicrography of microorganisms on submerged surfaces 8-85454
- Siedband, M.P.**, Jennings, R.J., Eastgate, R.J., Ergun, D.L. X-ray beam filtration for mammography 8-69207
- Siedelmann, P.K.** Planetary theory developments, 1973-1976 8-77505
- Siedlecka, J.** *see* Przewlocka, H. 8-85022
- Siedziwski, Z.** *see* Adam, J. 8-71473
- Siefert, E.** *see* Engel, M. 8-89956
- Siefert, J.** *see* Herrmann, N. 8-87257
- Siegbahn, H.** *see* Asplund, L. 8-50524, 8-50654
- Siegbahn, H.** *see* Goscinski, O. 8-62841
- Siegbahn, K.** *see* Agren, H. 8-82678
- Siegbahn, K.** *see* Asplund, L. 8-50524, 8-50654
- Siegbahn, K.** *see* Bohman, O. 8-50584
- Siegbahn, K.** *see* Jadry, R. 8-50582
- Siegbahn, K.** *see* Karlsson, L. 8-50581
- Siegbahn, K.** *see* Mattsson, L. 8-50580
- Siegbahn, K.** *see* Nordgren, J. 8-50558
- Siegbahn, P.**, Liu, B. An accurate three-dimensional potential energy surface for H₃ 8-56882
- Siegbahn, P.E.M.** Multiple substitution effects in configuration interaction calculations 8-50481
- Siegbahn, P.E.M.** *see* Karlstrom, G. 8-76904
- Siegel, B.Z.** *see* Siegel, S.M. 8-61551
- Siegel, D.P.**, Ware, B.R., Green, D.J., Westhead, E.W. The effects of calcium²⁺ and magnesium²⁺ on the electrophoretic mobility of chromaffin granules measured by electrophoretic light scattering 8-53357
- Siegel, E.** Mott metal-insulator transitions in d-electron (hole) degenerate transition metal oxides, sulphides and selenides 8-51894
- Siegel, E.** Empirical agreement of correlation between superconducting transition temperature and solute concentration in amorphous and crystalline binary transition metal alloys: local superconductivity? 8-52139
- Siegel, E.** Paramagnetic-ferromagnetic transition in ageing, precipitation hardened nickel-iron solid solution alloys 8-52255
- Siegel, E.** Ten-fold spin-orbital degeneracy in the true d-electron Hubbard model of the Mott metal-insulator transition 8-52285
- Siegel, E.** Surface energy for brittle fracture from phonon frequencies in transition metal carbides and nitrides via calculation of Debye temperatures, force constants and infrared vibrational frequencies 8-67790
- Siegel, E.** SPY theory of frozen liquid phonons in amorphous solids. Existence of a disorder parameter, scaling of phonon properties, an effective phonon temperature, a law of corresponding states with liquids and powders and Anderson localization 8-75784
- Siegel, F.R.**, Pierce, J.W. Geochemical exploration using marine mineral suspensates 8-88936
- Siegel, G.M.** *see* Johnson, C.I. 8-85322
- Siegel, J.**, Dill, D., Dehmer, J.L. Differential elastic electron scattering cross sections for N₂ from 0 to 30 eV 8-78815
- Siegel, L.A.** A spinel form of cadmium stannate 8-75644
- Siegel, M.W.** *see* Patterson, T.A. 8-94317
- Siegel, M.W.** *see* Reynolds, W.D. 8-53586
- Siegel, R.W.** *see* Fluss, M.J. 8-67707
- Siegel, R.W.** *see* Rasch, K.-D. 8-71727
- Siegel, S.M.**, Siegel, B.Z. Mercury fallout in Hawaii 8-61551
- Siegel, W.** *see* Pietzsch, C. 8-60560
- Siegel, W.** *see* Ziegler, E. 8-76077
- Siegenthaler, U.**, Oeschger, H. Predicting future atmospheric carbon dioxide levels 8-61549
- Sieger, C.** *see* Rohler, R. 8-66786
- Siebert, G.** *see* Wahn, F.K. 8-78318
- Siebert, G.** *see* Wunsch, K.D. 8-93975
- Siegfried, D.L.**, Manson, J.A., Sperling, L.H. Viscoelastic behavior and phase domain formation in Millar interpenetrating polymer networks of polystyrene 8-83749
- Siegfried, J.B.** *see* May, J.G. 8-81035
- Siegfried, R.**, Simmons, G. Characterization of oriented cracks with differential strain analysis 8-53647
- Siegloch, G.E.** *see* Gauss, W. 8-84487
- Siegmán, A.E.** *see* Holmes, N.C. 8-66843
- Siegmán, A.E.** *see* Salcedo, J.R. 8-72079
- Siegmán, H.C.** *see* Alvarado, S.F. 8-95675
- Siegmán, H.C.** *see* Schmidt-Ott, A. 8-68598
- Siegmund, M.** *see* Stosser, R. 8-55187
- Siegrist, J.** *see* Peruzzi, I. 8-74252
- Siegrist, J.** *see* Tanenbaum, W. 8-66113
- Siegrist, J.L.** *see* Himel, T.R. 8-78157
- Siegrist, M.R.** *see* Green, M.R. 8-55385
- Siegrist, P.** *see* Baldi, R. 8-50050, 8-50052
- Siegrist, P.** *see* Martin, A.D. 8-50051, 8-50053, 8-82230
- Siegwarth, J.D.**, Younglove, B.A., LaBrecque, J.F. An evaluation of commercial densimeters for use in LNG 8-54343
- Siegwarth, J.D.**, Younglove, B.A., LaBrecque, J.F. Cryogenic fluids density reference system: Provisional accuracy statement 8-54344
- Siek, S.**, Szytula, A., Leciejewicz, J. The crystal and magnetic structure of CeMn₂Si₂ 8-52225
- Siekman, J.**, Dittrich, K. Note on bubble motion in a rotating liquid under residual gravity 8-55679
- Siekman, J.**, Dittrich, K. Movement of a bubble in a rotating liquid under constant gravity 8-90918
- Sielemann, R.** *see* Chan, Y.-D. 8-78405
- Siemann, R.** *see* Cohen, I. 8-66123
- Siemes, A.J.M.**, Van Leeuwen, J. Fatigue of concrete 8-52945
- Siemiarczuk, T.** *see* Cutts, D. 8-78380
- Siemiachuk, J.L.**, Gladwell, I. Analysis of explicit difference methods for a diffusion-convection equation 8-62165

- Siemroth, P.**, Juttner, B. Influence of surface contamination on cathode erosion by nanosecond discharges in vacuum 8-75463
- Siemens, D.** Observation of inherent oscillations and subharmonic resonances in the light output of GaAs DH lasers 8-74910
- Siemssen, R.H.** Nuclear structure studies with light ion transfer reactions 8-50060
- Siemssen, R.H.** *see* Zeidman, B. 8-58308, 8-58309
- Sieng Wei Mein** *see* Mein Sieng Wei
- Sienicki, J.J.**, Abramson, P.B. Effects of recent modeling developments in prompt burst hypothetical core disruptive accident calculations 8-74454
- Sieniutycz, S.**, Komorowska-Kulik, J. Thermodynamic approach to qualitative properties of trajectories of heat and mass transfer in gas-solid flow systems. I. Nonreacting systems 8-51223
- Sienkiewicz, A.** *see* Grochulski, T. 8-76247
- Sienko, M.J.** *see* Chakraverty, B.K. 8-72357
- Sienko, M.J.** *see* Edwards, P.P. 8-56075
- Sienko, M.J.** *see* Herber, R.H. 8-71809
- Siep, E.** Molecular model for sodium conductance and calcium transport in the squid axon 8-85305
- Sieradzki, K.**, Ficalora, P.J. The effect of a partially dissociated nitrogen environment on the fracture toughness of 4340 steel 8-80642
- Sieradzki, K.**, Ficalora, P.J., Doig, P., Jones, G.T. Discussion of 'A model for the initiation of hydrogen embrittlement cracking at notches in gaseous hydrogen environments' [by P. Doig and G.T. Jones with their reply] 8-84985
- Sierakowski, R.L.**, Ebcioglu, I.K. Steady creep bending stress in linearly viscous composites 8-71280
- Sierk, A.J.**, Koonin, S.E., Nix, J.R. Modified one-body nuclear dissipation 8-50071
- Sierk, A.J.** *see* Blocki, J. 8-86501
- Sierk, A.J.** *see* Negele, J.W. 8-66261
- Sierota, A.**, Soledziowski, S., Golinski, J., Calderwood, J.H. Electro-optical studies of discharges in artificial voids 8-87558
- Sieskind, M.** Inelastic neutron scattering selection rules of αHgl_2 8-79503
- Siethoff, H.**, Schroter, W. Dynamical recovery and self-diffusion in silicon 8-87816
- Sietz, W.**, Goritz, D., Muller, F.H. Crystallization kinetics and melting behaviour of oriented natural rubber 8-75554
- Sievers, A.J.** *see* Bauerle, D. 8-52483
- Sievers, A.J.** *see* Beavis, M. 8-95584
- Sievers, A.J.** *see* Bosch, M.A. 8-80344
- Sievers, A.J.** *see* Chabal, Y.J. 8-71967
- Sievers, A.J.** *see* Chraplyvy, A.R. 8-86922
- Sievers, A.J.** *see* Pramanik, D. 8-56464
- Sievers, H.A.**, Emery, W.J. Variability of the Antarctic polar frontal zone in the Drake Passage—summer 1976-1977 8-85579
- Siewers, H.** A FORTRAN program for solving depletion chain equations by analytical methods 8-74423
- Siewert, C.E.** On a possible experiment to evaluate the validity of the one-speed or constant cross section model of the neutron-transport equation 8-66327
- Siewert, C.E.** The inverse problem for a finite slab 8-74418
- Siewert, C.E.**, Devaux, C. The effect of forward and backward scattering on the law of darkening of the Milne problem and the spherical albedo 8-77483
- Siewert, C.E.** *see* Benoist, P. 8-89930
- Siewert, C.E.** *see* Loyalka, S.K. 8-67221
- Sifaoui, M.** Salah *see* Salah Sifaoui, M.
- Siffert, P.** *see* Muller, J.C. 8-63784, 8-88481
- Sigalas, I.**, Gangas, N.-H.J., Danon, J. Weathering model in paleomagnetic field intensity measurements on ancient fired clays 8-61328
- Sigalov, Ya.B.** Stressed state around discrete magma pockets 8-69315
- Sigaud, G.** *see* Hardouin, F. 8-95139
- Sigel, C.** *see* Pugh, E.N., Jr. 8-56980
- Sigel, G.H., Jr.** *see* Friebele, E.J. 8-63170
- Sigel, H.** *see* Stauch, M. 8-80962
- Sigg, P.** Improvements in the SIN-injector RF system 8-90005
- Siggia, E.D.** Model of intermittent in three dimensional turbulence 8-59376
- Siggia, E.D.**, Patterson, G.S. Intermittency effects in a numerical simulation of stationary three-dimensional turbulence 8-59375
- Sigler, G.** *see* Anderson, J.M. 8-91264
- Sigler, P.B.** *see* Ohtsuki, M. 8-76989
- Sigler, R.D.** Compound catadioptric telescopes with all spherical surfaces 8-69682
- Signar, D.J.**, Chan, H.C. Anomalous alpha-particle transport in thermonuclear Tokamak plasma 8-94895
- Sigmon, T.W.** *see* Csepregi, L. 8-79900
- Sigmund, P.** Energy loss and angular spread of ions traversing matter 8-71778
- Signarbieux, C.** *see* Guet, C. 8-74411
- Signell, P.** *see* Fitzgerald, D.H. 8-62424
- Signell, P.** *see* Rijken, T. 8-62426
- Signor, G.** *see* Nadler, M. 8-61632
- Signorelli, A.J.** *see* Baughman, R.H. 8-75556
- Signorelli, A.J.** *see* Hsu, S.L. 8-80454
- Signorelli, G.** *see* De Santis, A. 8-58706
- Signorini, C.** *see* Fortuna, G. 8-62560
- Signorini, S.R.** On the circulation and the volume transport of the Brazil Current between the Cape of Sao Tome and Guanabara Bay 8-85564
- Sigov, Yu.S.** *see* Polyudov, A.N. 8-75329
- Sigulinski, F.** *see* Stamenkovic, I. 8-68662
- Sigurd, D.** *see* van Gorp, G.J. 8-79824
- Sigurdsson, G.** *see* Apel', V.D. 8-78223
- Sigurdsson, H.**, Sparks, S.R.J. Lateral magma flow within rifted Icelandic crust 8-73339
- Sigurdsson, H.** *see* Schilling, J.-G. 8-96171
- Sigurdsson, S.** *see* Arnorsson, S. 8-96245
- Sigurdsson, S.T.** *see* Kjaran, S.P. 8-89320
- Sih, G.C.** Strain energy density and surface layer energy for blunt cracks or notches 8-94618
- Sih, G.C. (editor)** Stress analysis of notch problems 8-94617
- Sih, P.** *see* Taubenblatt, M. 8-75916
- Sijde, B.** *see* van der see van der Sijde, B.
- Sijde, B.** *see* Van Der Sijde, B.
- Sik Chun Kwan** *see* Kwan Sik Chun
- Sik Kim Yung** *see* Yung Sik Kim
- Sikarskie, D.L.** *see* Altiero, N.J. 8-61407
- Sikivie, P.**, Weiss, N. Screening solutions to classical Yang-Mills theory 8-62302
- Sikka, S.K.** *see* Godwal, B.K. 8-79414
- Sikka, V.K.**, Swindeman, R.W., Brinkman, C.R. Elevated temperature tensile ductility minima in types 304 and 316 stainless steel 8-60730
- Sikkens, M.** *see* Van der Leij, M. 8-50872
- Sikkens, M.** *see* Verster, J.L. 8-93685
- Siklos, T.** *see* Stamenkovic, S. 8-68461
- Sikoparija, V.** Variational description of nonstationary heat transfer phenomena 8-89416
- Sikora, I.** *see* Nowotny, J. 8-64097, 8-76133
- Sikora, R.**, Purczynski, J., Lipinski, W., Gramz, M. Use of variational methods to the eddy currents calculation in thin conducting plates 8-90341
- Sikora, R.** *see* Huber, W.C. 8-57933
- Sikora, R.** *see* Palka, R. 8-94357
- Sikri, A.K.**, Narchal, M.L. Temperature dependent statistical theory of two spin cross relaxations 8-80190
- Sil, N.C.** *see* Roy, A.C. 8-78814
- Sil, N.C.** *see* Sinha, C. 8-58835, 8-58836
- Silaev, I.L.** *see* Magdenko, A.N. 8-56799
- Silaev, M.V.** *see* Barnakova, V.G. 8-89487
- Silaev, V.I.**, Belyaeva, A.I., Stel'makhov, Yu.N. Device for obtaining temperatures of 4.2-300K with considerable heat flow into specimen 8-77922
- Silaev, V.I.**, Belyaeva, A.I., Stel'makhov, Yu.N. A device for obtaining temperatures in the range from 4.2 to 300K in the presence of appreciable heat flux to the specimen 8-81980
- Silaev, V.I.**, Belyaeva, A.I., Stel'makhov, Yu.N. Small flow-through cryostat for polarization microscope 8-86327
- Silano, P.** *see* Halperin, A. 8-52672
- Silarski, D.F.** *see* Nelson, W.C. 8-64874
- Silberg, P.A.** A note on the formation of the fireball plasma 8-59702
- Silbergleit, A.S.** *see* Chernin, A.D. 8-86018
- Silberman, E.**, Springer, J. A high resolution interferometric accessory for Raman spectrometers 8-74063
- Silbermann, R.** *see* Von Ortenberg, M. 8-64084
- Silbermagel, B.G.** *see* Thompson, A.H. 8-68397
- Silbernagel, H.** Large scale production of hyperpure silicon 8-95704
- Silberstein, E.B.**, Maxon, H.R., III, Alexander, G.W., Jr., Rauf, C., Bahr, G.K. Clinical comparison of technetium-99m diphosphonate and pyrophosphate in bone scintigraphy 8-65112
- Silbey, R.** *see* Blumen, A. 8-88261
- Silbey, R.** *see* Munn, R.W. 8-54293, 8-56077
- Silbey, R.** *see* Yarkony, D. 8-56081
- Sild, O.I.** Exclusion rules for the terms of impurity molecules in a crystal caused by symmetry with respect to the transposition of identical nuclei 8-84174
- Sil'd, O.I.** *see* Freiberg, A.M. 8-76529
- Siles, E.** *see* Shabratova, G.S. 8-82359
- Silevitch, M.B.** *see* Ames, E.E. 8-93713
- Silhavy, M.** *see* Day, W.A. 8-54324
- Silich, S.A.** On Brinkley-Kirkwood method in magnetic gas dynamics 8-93102
- Silin, A.A.** *see* Dukhovskoi, E.A. 8-52143
- Silin', A.R.** *see* Zakis, Yu.R. 8-87905
- Silin, V.P.**, Tikh, V.T. Heating of parametrically turbulent plasma 8-59630
- Silin, V.P.**, Tolkachev, O.M. Cyclotron resonance at skipping orbits in an electron liquid 8-72240
- Silin, V.P.**, Uryupin, S.A. Absorption of electromagnetic waves in degenerate semiconductors 8-95308
- Silin, V.P.** *see* Andreev, N.E. 8-91111
- Silin, V.P.** *see* Krupnova, L.V. 8-87449
- Silin, V.P.** *see* Vladimirovskii, A.B. 8-83577, 8-87454
- Silina, N.V.** *see* Lakhtin, Yu.M. 8-51608
- Silinsh, E.A.** *see* Balode, D.P. 8-52103
- Silinsh, E.A.** *see* Gailis, A.K. 8-55412, 8-56181
- Silisteanu, I.** *see* Sandulescu, A. 8-89829
- Silk, C.** The evolution of a portable gas analyser 8-61124
- Silk, J.**, White, S.D. The development of structure in the expanding universe 8-93489
- Silk, J.** *see* Binney, J. 8-77596
- Silk, J.** *see* McClelland, J. 8-65730
- Silk, J.** *see* Norman, C.A. 8-93432
- Sill, L.R.**, Biggers, R.R. Magnetic characteristics of R_2Al and R_2Au compounds 8-68183
- Sill, W.R.** *see* Peebles, W.J. 8-85868
- Silleni, S.** Computer programmes for prediction of tropospheric radio propagation characteristics 8-85666
- Sillitto, H.G.** *see* Firth, I.M. 8-94491
- Sillou, D.** *see* Binon, F. 8-82582
- Sills, H.E.** Cladding performance during power changes 8-58359
- Sills, H.E.** *see* Holt, R.A. 8-86616
- Sills, L.B.** Scattering of horizontally-polarized shear waves by surface irregularities 8-77184
- Sills, M.** *see* Lapierre, J. 8-75023
- Silny, R.**, Hajossy, R. The use of a computer for the evaluation of optical measurements 8-91150
- Silonov, V.M.**, Vasilev, G.P., Katsnel'son, A.A., Akseanova, O.V. Nature of short-range atomic order in the V-Rh system 8-63696
- Silonov, V.M.** *see* Khwaja, F.A. 8-79954
- Silonov, V.M.** *see* Vasilev, G.P. 8-56614
- Silsbee, R.H.** *see* Hebel, L.C. 8-54863
- Silsbee, R.H.** *see* Krasicky, P.D. 8-88172
- Silsbee, R.H.** *see* Ritter, A.L. 8-68364
- Siltamaa, P.** On the significance of the River Tornio for energy economy 8-57236
- Silva, A.** Ferreira da *see* Ferreira da Silva, A.
- Silva, G.** The construction of a camera for laboratory use 8-78007
- Silva, J.** Lopes Da *see* Lopes Da Silva, J.
- Silva, R.J.** *see* Otto, R.J. 8-74390
- Silva Horta, J.** da *see* da Silva Horta, J.
- Silva Horta, M.E.** da *see* da Silva Horta, M.E.
- Silveira, H.V.** da *see* da Silveira, H.V.
- Silveira, T.L.** da *see* da Silveira, T.L.
- Silver, A.H.** *see* Millea, M.F. 8-95362
- Silver, D.M.** Diagrammatic many-body perturbation expansion for atoms and molecules. I. General organization 8-50454
- Silver, D.M.** Diagrammatic many-body perturbation expansion for atoms and molecules. II. Second-order and third-order ladder energies 8-50455
- Silver, D.M.**, Nieuwpoort, W.C. Universal atomic basis sets 8-78605
- Silver, D.M.** *see* Brown, N.J. 8-66620
- Silver, E.A.**, Moore, J.C. The Molucca Sea collision zone, Indonesia 8-61384
- Silver, E.H.**, Novick, R., Weisskopf, M.C. X-ray polarimeters 8-57454
- Silver, M.** *see* Miller, G.A. 8-50141
- Silver, R.N.** Hydrodynamic approach to electron-hole droplet nucleation and stability 8-72080
- Silvera, F.** *see* Walraven, J.T.M. 8-63929
- Silvera, I.F.** *see* Berkhout, P.J. 8-84570
- Silvera, I.F.** *see* Jochemsen, R. 8-80331
- Silvergate, P.**, Terzian, Y. A double H α line galactic source G37.7+0.1 8-69897
- Silvergate, P.R.**, Terzian, Y. Carbon and hydrogen radio recombination lines from H II regions 8-93360
- Silveria, R.** da *see* Da Silveria, R.
- Silverman, A.** *see* Bebek, C.J. 8-66128
- Silverman, B.A.** *see* Segrold, E.W., III 8-73531
- Silverman, B.D.** Segregated stack stability of conducting organic charge transferred compounds 8-55831
- Silverman, J.** *see* Heller, M. 8-70689
- Silverman, K.B.** Neutral injection beam power monitor 8-54944
- Silverman, K.B.** *see* Bohr, A.H. 8-55008
- Silverman, L.M.** *see* Nahi, N.E. 8-73324
- Silverstein, F.E.** *see* Kimura, W.D. 8-53468
- Silverton, J.V.** On the generation of 'magic integers' 8-79497
- Silvester, P.P.** *see* Lowther, D.A. 8-94354
- Silvestri, V.J.**, Osburn, V.M., Ormond, D.W. Properties of Al_2O_3 films deposited from the AlCl_3 , CO_2 , and H_2 system 8-92197
- Sil'vestrov, G.I.**, Tayursky, V.A. A wide-angle magnetic lens for collecting low-energy mesons in a solid angle of 10 sr 8-70664
- Sil'vestrov, G.I.** *see* Budker, G.I. 8-66739
- Sil'vestrov, G.I.** *see* Valleval'd, G.S. 8-87514
- Silvey, R.** *see* Gregory, A.R. 8-73087
- Silvi, B.** *see* Le Rouzo, H. 8-82603
- Silvia, M.T.**, Robinson, E.A. Use of the keps-trum in signal analysis 8-81425
- Silvius, J.R.**, Read, B.D., McElhane, R.N. Membrane enzymes: artifacts in Arrhenius plots due to temperature dependence of substrate-binding affinity 8-64949
- Silyuk, V.F.** *see* Zatsopin, N.N. 8-70162
- Sim, J.W.** *see* Kinoshita, K. 8-80488
- Sim, K.S.** *see* Oeschler, H. 8-82382

- Sima, V.**, Vasek, P., Lejcek, P. The growth of thin bismuth single crystals with high resistivity ratios 8-68622
- Sima, V.** see Lejcek, P. 8-68626
- Simaan, H.D.** A master equation approach to the hyper-Raman effect 8-82736
- Simak, V.** see Dzhambusina, M. 8-89762
- Simak, V.** see Ermilova, D.I. 8-62468
- Simakov, S.P.** see Lovchikova, G.N. 8-89841
- Siman, N.I.** see Kondrashov, A.I. 8-60542
- Simanek, E.**, Yoksan, S. Calculation of host nuclear relaxation in dilute Kondo alloys for $T \ll T_c$ 8-88215
- Simanek, E.** see Ward, R.C. 8-72308
- Simbel, M.** see Schurmman, B. 8-58301
- Simbirteva, O.I.** see Sagalovich, B.M. 8-96054
- Sime, M.E.**, Phillips, D. Kinetic spectroscopy of triplet states of benzenoid hydrocarbons using modulated Hg resonance radiation 8-62820
- Simendinger, E.A.**, Tuzi, L.A., Moore, T.F. A mathematical model to determine facility needs for a radiology department 8-65107
- Simenog, I.V.** Asymptotic solution of stationary nonlinear Hartree equation 8-49723
- Simenog, I.V.** see Petrov, N.M. 8-86491
- Simerska, M.** see Bartuska, P. 8-84814
- Simha, R.** see Enns, J.B. 8-51439, 8-51440
- Simha, R.** see McKinney, J.E. 8-95723
- Simic, J.** see Bogdanovic, M. 8-50084
- Simic, J.** see Bulovic, V. 8-93972
- Simic, M.** see Vukanovic, D. 8-71599
- Simicich, V.** see Stamenkovic, I. 8-68662
- Simicich, C.** see Bianco, B. 8-89463
- Simien, F.**, Athanassoulas, E., Pellet, A., Monnet, G., Maucherat, A., Courtes, G. The spiral structure of M 31: a morphological approach 8-65690
- Simila, G.W.** see McNally, K.C. 8-92791
- Simon, V.** see Berceau, I. 8-58526
- Simionescu, C.** see Percec, V. 8-84221
- Simister, D.N.**, Jones, G.D., Kearns, F., Kogan, A., Lornie, P.R.G., Morrison, T.P., Mustafa, O.M., Price, H.G., Twin, P.J., Wadsworth, R. Quasi-band structure in ^{64}Zn 8-70424
- Simitses, G.J.** see Couzet-Pascal, J. 8-67065
- Simitses, G.J.** see Kounadis, A.N. 8-63343
- Simkhovich, Z.I.** see Es'kova, N.F. 8-84853
- Simkin, S.M.** Optical emission in the SW radio lobe of 3C 33 8-57665
- Simkins, T.E.** Unconstrained variational statements for initial and boundary-value problems 8-93518
- Simkova, M.** see Kuchynka, D. 8-53038
- Simmen, B.**, Schmalfluss, D. Comments on the preparation of metallographic specimens of titanium with particular reference to chemical polishing 8-80705
- Simmen, B.**, Vohse, H. Comparative studies of the ferrite-austenite structure of the steel X5CrNiTi26.6 using optical and electron microscopy 8-84848
- Simmich, O.**, Löffler, H. A simple model to describe isothermic phase transformations in binary alloys 8-75832
- Simmonds, L.C.** see Firth, W.J. 8-71106
- Simmonds, M.B.** Cryocoolers for use with superconducting instruments: some estimates of requirements 8-93710
- Simmonds, P.E.** see Vennghaus, H. 8-72604
- Simmons, A.C.** The refractive index and Lorentz-Lorenz functions of propane, nitrogen and carbon-dioxide in the spectral range 15803-22002 cm^{-1} and at 944 cm^{-1} 8-59543
- Simmons, A.H.** see Bunch, P.C. 8-69200
- Simmons, D.A.** Defibrillators [calibration and maintenance] 8-69251
- Simmons, G.** see Siegfried, R. 8-53647
- Simmons, G.R.** see Murphy, E.V. 8-54868, 8-89945
- Simmons, G.W.** see Hart, R.G. 8-72661
- Simmons, J.** see Thomas, W. 8-70392
- Simmons, J.E.** see Bonner, B.E. 8-50173, 8-50174, 8-62434
- Simmons, J.E.** see Riley, P.J. 8-70389, 8-70534
- Simmons, J.G.**, El-Badry, A.A. Switching phenomena in metal-insulator- n/p^+ structures: theory, experiment and applications 8-68093
- Simmons, J.G.** see Nassibian, A.G. 8-52091
- Simmons, J.M.**, Platzler, M.F. A quasisteady theory for incompressible flow past airfoils with oscillating jet flaps 8-63467
- Simmons, J.M.** see Platzler, M.F. 8-63470
- Simmons, L.M., Jr.** see Nieto, M.M. 8-73883
- Simmons, M.G.** see Hebel, L.C. 8-54863
- Simmons, R.M.**, Szent-Gyorgyi, A.G. Reversible loss of calcium control of tension in scallop striated muscle associated with the removal of regulatory light chains 8-53360
- Simmons, R.O.** see Baer, D.R. 8-51526
- Simmons, W.W.**, Speck, D.R., Hunt, J.T. Argus laser system: performance summary 8-55361
- Simmons, W.W.**, Speck, D.R., Swain, J.E., Swift, C.D., Ozarski, R.G. Shiva laser performance 8-59032
- Simmons, W.W.** see Hunt, J.T. 8-74938
- Simmons, W.W.** see Summers, M. 8-59035
- Simms, P.C.** see Samuelson, L.E. 8-66301
- Simms, R.J.** see Henderson, T.M. 8-50309
- Simms, R.J.** see Musinski, D.L. 8-58486
- Simnad, M.** Contributions to fuel rod process development studies for the Fort St. Vrain HTGR 8-86614
- Simoen, J.-P.** see Guiho, J.-P. 8-74512
- Simola, J.**, Virtamo, J. Energy levels of hydrogen atoms in a strong magnetic field 8-90071
- Simola, J.T.A.** see Virtamo, J.T. 8-70769
- Simon, A.** Structures and properties of metal-rich compounds 8-95045
- Simon, A.** see Bauhofer, W. 8-67652
- Simon, A.** see Houin, J.P. 8-68685
- Simon, A.J.B.** Radio sources with complex morphologies in clusters of galaxies 8-93443
- Simon, B.** Kinetics of growth and dissolution of sodium chlorate, in diffusion and convection regimes 8-63684
- Simon, B.** see Dugua, J. 8-91276, 8-91277
- Simon, B.** see Dyson, F.J. 8-84434
- Simon, B.** see Frohlich, J. 8-89398
- Simon, B.** see Herbst, I.W. 8-70785, 8-93558
- Simon, B.** see Lieb, E.H. 8-90052
- Simon, C.**, Fourcin, A.J. Cross-language study of speech-pattern learning 8-57025
- Simon, D.**, Azria, R., Tronc, M. Interferences in the resonant vibrational excitation of SO_2 8-90309
- Simon, D.** see Bregman, M. 8-89768
- Simon, D.** see Rauh, H. 8-51720
- Simon, G.E.** The centralized supervision system for atmospheric pollution in the region of Fos-Etang de Berre 8-81410
- Simon, G.E.** Compared tests of high acidity analysers carried out on the site at the vicinity of industrial installations of the region of Fos-Etang de Berre 8-81464
- Simon, J.** Measurement of the MTF in France 8-50727
- Simon, J.** see Flato, M. 8-49715
- Simon, J.C.**, Rosenfeld, A. (editor) Proceedings of the NATO Advanced Study Institute on Digital Image Processing and Analysis 8-58927
- Simon, J.M.**, Gil, M.A. Distortion and split-image curvature calculated by the plate diagram analysis in monochromators with off-axis mirrors 8-59141
- Simon, J.M.** see Depine, R. 8-94446
- Simon, M.** see Hausler, G. 8-58924
- Simon, M.** see Muck, G. 8-75438
- Simon, M.C.** see Depine, R. 8-94446
- Simon, P.**, Argay, G. Revised atomic coordinates of crystalline nylon-6 8-91272
- Simon, P.C.** Irradiation solar flux measurements between 120 and 400 nm. Current position and future needs 8-57536
- Simon, R.** see Hood, W.P., Jr. 8-80963
- Simon, R.S.** see Bokemeyer, H. 8-54793
- Simon, R.S.** see Tjorn, P.O. 8-54795
- Simon, S.B.** see Branton, M.D. 8-69040
- Simon, W.A.** see Eden, M. 8-81094
- Simon, W.E.** Tech tips—slow-flow velocity sensor 8-59516
- Simonaitis, R.A.** see Zehner, J.M. 8-92539
- Simonds, C.H.**, Florian, R.J., McGee, P.E., Phinney, W.C., Warner, J.L. Petrogenesis of melt rocks, Manicouagan impact structure, Quebec 8-81166
- Simonds, C.H.** see Bor-ming, Jahn 8-81168
- Simonds, C.H.** see Florian, R.J. 8-81164
- Simonds, C.H.** see Onorato, P.I.K. 8-81167
- Simone, F.** see Burrafato, G. 8-50546, 8-60250, 8-76171
- Simoneau, R.**, Begin, G., Marquis, A.H. Progress of NbCN precipitation in HSLA steels as determined by electrical resistivity measurements 8-84822
- Simoneit, B.R.T.**, Brenner, S., Peters, K.E., Kaplan, I.R. Thermal alteration of Cretaceous black shale by basaltic intrusions in the eastern Atlantic 8-61396
- Simonen, F.A.**, Slate, S.C. Creep analysis of canisters for radioactive waste vitrification 8-86648
- Simonenko, A.F.**, Grenishin, S.G., Dolgikh, Yu.K. Photometric measurements of latent images in photographic emulsions 8-49927
- Simonenko, T.V.** see Dukhopel, I.I. 8-89531
- Simonet, W.**, Hermosin, A. Temperature dependence of the first magneto-crystalline anisotropy constant of polycrystalline Ca-In-V and Ca-Zr-YIG 8-68218
- Simonet, W.**, Hermosin, A. Soft Li-Ti-Zn ferrites with resistivity $>10^8 \Omega \cdot \text{cm}$ 8-95474
- Simonetta, M.** see Casalone, G. 8-56045
- Simonetta, M.** see Filippini, G. 8-71811
- Simonetto, O.** see Klutz, M. 8-61871
- Simonich, D.M.** see Clemesha, B.R. 8-73445, 8-88961
- Simonini, R.** see De Matteis, A. 8-77819
- Simonis, J.** see Ottinger, C. 8-82716
- Simonne, J.** see Sirieix, M. 8-80058
- Simonneau, E.** Radiative transfer in atmospheres with spherical symmetry. III. The Eddington approximation 8-77484
- Simonov, A.I.** see Gurvich, A.S. 8-65383
- Simonov, A.P.** see Abakumov, G.A. 8-50773, 8-59093, 8-71131
- Simonov, A.Ya.** see Lushnikov, A.A. 8-88311
- Simonov, B.B.** see Boos, E.G. 8-62530
- Simonov, I.V.** Diffraction of plane shock waves at an angle in an ideal compacting medium 8-63357
- Simonov, I.V.** Diffraction of shock waves at small angles in an ideal compacting medium 8-67082
- Simonov, M.A.**, Belokoneva, E.L., Belov, N.V. The refined crystal structure of sodium zincosilicate $\text{Na}_2\text{Sn}_2\text{Si}_2\text{O}_7$ 8-87652
- Simonov, M.A.**, Belokoneva, E.L., Egorov-Tismenko, Yu.K., Belov, N.V. On the crystal structure of $\text{Cd}_2\text{Ge}_2\text{O}_7(\text{OH})_2 = \text{Cd}_2\text{Ge}[\text{Ge}_2\text{O}_7](\text{OH})_2$ 8-71714
- Simonov, M.A.**, Belokoneva, E.L., Egorov, Yu.K., Belov, N.V. The crystal structure of clinohedrite $\text{CaZn}[\text{SiO}_4]_2\text{H}_2\text{O}$ 8-79593
- Simonov, M.A.**, Egorov-Tismenko, Yu.K., Belov, N.V. Improved crystal structure of Na, Cd-triorthosilicate $\text{Na}_2\text{Cd}_3[\text{Si}_3\text{O}_{10}]$ 8-83801
- Simonov, M.A.**, Sandomirskii, P.A., Egorov-Tismenko, Yu.K., Belov, N.V. The crystal structure of willemite $\text{Zn}_3[\text{SiO}_4]$ 8-83804
- Simonov, M.A.** see Gerasimov, V.I. 8-95040
- Simonov, M.A.** see Kruglik, A.I. 8-71715
- Simonov, M.A.** see Mill, B.V. 8-87654
- Simonov, M.A.** see Sandomirskii, P.A. 8-63734, 8-63739
- Simonov, M.A.** see Sidorov, P.M. 8-87653
- Simonov, M.A.** see Tarkhova, T.N. 8-67704
- Simonov, M.A.** see Yakubovich, O.V. 8-83802
- Simonov, P.A.** see Aleksandrov, L.N. 8-95355
- Simonov, V.D.** see Vasil'ev, S.A. 8-86642
- Simonov, V.M.** see Sheindlin, A.E. 8-73073
- Simonov, Yu.A.**, van der Velde, M. Are there resonances in the πd system near the ΔN threshold? 8-62582
- Simonov, Yu.A.** see Badalyan, A.M. 8-66143
- Simonov, Yu.A.** see Malinovskii, S.T. 8-83803
- Simonova, E.Ya.** Basic concepts in ferroprobe nondestructive testing 8-60959
- Simonova, E.Ya.** see Khvatov, L.A. 8-53128, 8-56861, 8-93744
- Simonova, L.I.** see von Egidy, T. 8-66215
- Simonova, M.I.** see Samokhvalov, A.A. 8-88109
- Simonova, T.N.**, Usova, L.F., Gordienko, L.K. Study of the interaction between manganese and nitrogen in Cr-Ni stainless steels by the internal friction method 8-84883
- Simonovskaya, E.D.** see Sheka, E.F. 8-72585
- Simonovskii, O.I.**, Kafengaus, A.P., Tarakanov, O.G., Nepshynskii, V.M. Viscous properties of branched polyurethane solutions 8-87807
- Simonovskii, V.L.** see Kogan, L.I. 8-53750
- Simons, D.A.** Reflection of Rayleigh waves by strips, grooves, and periodic arrays of strips or grooves 8-63214
- Simons, D.A.** see Rice, J.R. 8-51073
- Simons, D.S.** see Stimpson, B.P. 8-73102
- Simons, G.**, Talaty, E.R. A local orbital description of the $\text{Cl}^- + \text{CH}_2\text{Cl}_2$ reaction 8-76842
- Simons, J.** A survey of some theoretical studies of negative ions 8-62703
- Simons, J.** see McHale, J. 8-52043, 8-90183
- Simons, J.** see Shepard, R. 8-90331
- Simons, J.P.** see Moon, P.B. 8-66686
- Simons, J.W.** see Richardson, T.H. 8-61032
- Simons, L.** see Poth, H. 8-70979
- Simons, L.M.** see Beetz, R. 8-54806
- Simons, L.W.J.** see Haynes, R.F. 8-81686
- Simons, R.L.** see Doran, D.G. 8-87721
- Simons, S.** Matrix paradox with application to crystal vibrations 8-49611
- Simons, S.** Modified equations for heat conduction 8-71259
- Simons, S.W.** see Babcock, R.V. 8-50815
- Simonsen, J.F.**, Harremoës, P. Oxygen and pH fluctuations in rivers 8-92866
- Simoons, M.L.** see Vinke, R.V.H. 8-81051, 8-85302
- Simopoulou, E.** see Michaelidou, C. 8-93904
- Simopoulou, E.** see Rohringer, H. 8-74277
- Simova, P.**, Kirov, N., Ratajczak, H., Vergoten, G., Fleury, G. Determination of elastic constant K_{33} for some nematic liquid crystals with strong positive dielectric anisotropy by means of IR absorption spectroscopy 8-75545
- Simova, P.** see Kirov, N. 8-64355
- Simova, P.** see Petroff, B. 8-91238
- Simplin, G.T.** see Bye, G.C. 8-61021
- Simplaceanu, V.**, Hoa, S.I. Proton nuclear magnetic relaxation study in a polyalkyleneoxide polymer 8-91977
- Simplaceanu, V.** see Naskidashvili, L.A. 8-72431
- Simpson, C.** see Arrhenius, G. 8-73623
- Simpson, D.G.**, Lamb, D.G.S. A laser interferometer for measuring linear vibration 8-86243
- Simpson, F.R.** see Dunn, K.F. 8-58811
- Simpson, G.A.** see Fichtel, C.E. 8-65725

- Simpson, I.C.** On the interaction of Rayleigh surface waves with structures 8-81109
- Simpson, J.A.S.** *see* Barnes, C.W. 8-61690
- Simpson, J.P.** *see* Erickson, E.F. 8-85890
- Simpson, J.R.** *see* Cohen, L.G. 8-71204
- Simpson, J.R.** *see* Freney, J.R. 8-61419
- Simpson, J.R.** *see* Tasker, G.W. 8-71199
- Simpson, J.W.** *see* Beron, B.L. 8-66064, 8-74194
- Simpson, L.A.** Initiation COD as a fracture criterion for Zr-2.5% Nb pressure tube alloy 8-72862
- Simpson, L.A.** Elastic plastic fracture mechanics 8-90800
- Simpson, M.A., Smith, T.F.** Thermal expansion in the superconducting state 8-80094
- Simpson, P.A.** *see* Chamberlain, G.E. 8-54372
- Simpson, R.L.** Features of unsteady turbulent boundary layers as revealed from experiments 8-75126
- Simpson, R.L., Collins, M.A.** Prediction of turbulent boundary layers in the vicinity of separation 8-71320
- Simpson, R.L.** *see* Collins, M.A. 8-71321
- Simpson, R.R.S.** *see* Chaplin, R.I. 8-80179
- Simpson, S.W.** *see* James, B.W. 8-91082
- Simpson, T.L., Rhodes, C.A.** An investigation of sweep-frequency illumination for microwave-enhanced thermographic tumor detection 8-73194
- Simpson, T.L.** *see* Thompson, J.E. 8-73193
- Simpson, W.R.** *see* Ansley, S.P. 8-74495
- Sims, C.S.** Adaptive deconvolution of seismic signals 8-53737
- Sims, G.E.** *see* Barakat, S.A. 8-90982
- Sims, G.E.** *see* Vijay, M.M. 8-91001
- Sims, K.P.** *see* King, D.S. 8-69658
- Simsa, Z.** *see* Sedlak, B. 8-72420
- Simsa, Z.** *see* Simsova, J. 8-88147
- Simsova, J., Sims, Z.** Epitaxial garnet films for magnetic bubble memories 8-88147
- Sin-Lin Chen** *see* Jen-Shih Chang 8-87561
- Sinadsky, S.E.** *see* Krjanin, I.R. 8-68820
- Sinaiskii, B.N.** *see* Golub, V.P. 8-64801
- Sinapius, G.** *see* Moriyasu, K. 8-66165
- Since, J.J.** *see* Massenett, O. 8-52233
- Sinclair, A.R.** *see* Burcher, E.E. 8-81546
- Sinclair, A.T.** The orbits of the satellites of Mars 8-89100
- Sinclair, C.K.** *see* Prescott, C.Y. 8-89719
- Sinclair, D.** Measurement of the production of μ e events in antineutrino-nucleon interactions 8-89702
- Sinclair, D.K.** *see* Jones, D.R.T. 8-74154
- Sinclair, J.D.** An instrumental gravimetric method for indexing materials, contaminants, and corrosion products according to their hygroscopicity 8-74118
- Sinclair, J.E., Gehlen, P.C., Hoagland, R.G., Hirth, J.P.** Flexible boundary conditions and nonlinear geometric effects in atomic dislocation modeling 8-75667
- Sinclair, M.W.** *see* Whiteoak, J.B. 8-77592
- Sinclair, P.D., Tempelman-Kluit, D.J., Medaris, L.G., Jr.** Lherzolite nodules from a Pleistocene cinder cone in central Yukon 8-65299
- Sinclair, R.** Direct observation and characterization of defects in materials 8-88617
- Sinclair, R., Mohamed, H.A.** Lattice imaging study of a martensite-austenite interface 8-51401
- Sinclair, R., Thomas, G.** Determination of local composition by lattice imaging 8-53294
- Sinclair, R.** *see* Wu, C.K. 8-52754
- Sinclair, R.N.** *see* Boland, B.C. 8-86721
- Sinclair, R.N.** *see* Johnson, P.A.V. 8-86725
- Sinclair, R.N.** *see* Milder, D.F.R. 8-70666
- Sinclair, W., Ringwood, A.E.** Single crystal analysis of the structure of stishovite 8-53648
- Sindagi, S.S., Dodakundi, G.B., Rodgi, S.S.** Ground water pollution at Dharwar 8-69380
- Sinderman, J.** *see* Behar, M. 8-70707
- Sinegubova, E.V.** *see* Podgornii, A.N. 8-67022
- Sinefnikov, V.M.** *see* Bakai, A.S. 8-96338
- Sinelnikova, I.F.** *see* Selivanov, A.S. 8-96321
- Sinelshikov, V.A.** Influence of hyperfine structure upon total absorption of Voigt lineshape (cesium, $\lambda=8521 \text{ \AA}$) 8-66513
- Sinencio, F.** Sanchez *see* Sanchez Sinencio, F.
- Sines, G.** *see* Adams, M. 8-64618, 8-95812
- Sinevich, E.A., Bakeev, N.F.** Crazing and shear deformation in amorphous polyethylene terephthalate upon stretching in air and in liquid media 8-88558
- Sing, R.K., Kumar, S.** A model for lattice dynamics of face centred cubic metals 8-91387
- Singal, C.M., Gupta, S.K., Kapil, A.K., Srivastava, V.K.** Intrinsic voltage in insulating films in aluminum-barium-stearate-aluminum structures 8-72277
- Singer, G.** *see* Hauser, D.C.R. 8-57026
- Singer, I.L., Murday, J.S., Cooper, L.R.** Composition changes in GaAs due to low-energy ion bombardment 8-72662
- Singer, I.L., Wolf, S.A., Lowrey, W.H., Murday, J.S.** Auger analysis of superconducting 'NbN' reactively sputtered films 8-72297
- Singer, I.M.** Some remarks on the Gribov ambiguity 8-58108
- Singer, I.M.** *see* Atiyah, M.F. 8-78073
- Singer, J.** *see* Galan, P. 8-57075
- Singer, J.** *see* Troustil, J. 8-62663
- Singer, J.** *see* Weller, T. 8-63346
- Singer, J.R., Libove, J.** Blood flow imaging with nuclear magnetic resonance 8-85330
- Singer, K.D.** *see* Fortune, H.T. 8-86477
- Singer, M.** *see* Kandaswamy, J. 8-58176
- Singer, M.** *see* Russ, J. 8-78202
- Singer, P.** *see* Lifshitz, M. 8-70490
- Singer, P.J.** *see* Feldman, C.L. 8-88757
- Singer, R., Fields, T.H., Hyman, L.G., Jaeger, K., Kafka, T., Pratap, M., Voyvodic, L., Walker, R., Whitmore, J.** $K^{*2}(890)$ production in 205 GeV/c pp interactions 8-54659
- Singer, R.** *see* Derrick, M. 8-82197
- Singer, R.** *see* Dombek, T. 8-82255
- Singer, S.** *see* Bausman, M.D. 8-59075
- Singer, T.P.** *see* Quagliaricello, E. 8-68977
- Singerman, J.** *see* Sauer, J. 8-78613
- Singh, A., Mikic, B.B., Rohsenow, W.M.** 'Relative behavior of water and organics in boiling' 8-90654
- Singh, A.** *see* Dhaliwal, R.S. 8-79260
- Singh, A.K., Ramani, G.** Measurement of thermoelectric power of solids up to 10 GPa 8-89495
- Singh, A.-K., Srivastava, O.N.** On the formation and crystallographic characterisation of the rare earth alloy thin film phases SmSe, YbSe, DySe, and TbSe 8-91574
- Singh, A.N., Ferron, J.R.** Particle temperature measurement in a gas-solid fluidised bed 8-83464
- Singh, A.N., Ramana Murthy, M.V., Kadwani, M.G.** A detector for continuous monitoring of low levels of tritiated water activity in presence of high gamma background 8-82524
- Singh, A.V., Sharma, J.C., Shanker, J.** Optic mode Gruneisen parameters and their strain derivatives in alkali halides 8-55929
- Singh, B., Callcott, T.G., Rigby, G.R.** Flow of fluidized solids and other fluids in open channels 8-83493
- Singh, B., Lal, J.** Magnetohydrodynamic axial flow in a triangular pipe under transverse magnetic field 8-59498
- Singh, B.** *see* Singh, D.P. 8-69561
- Singh, B.M.** *see* Dhaliwal, R.S. 8-86166, 8-87263
- Singh, B.P., Pathak, L.P., Hemkar, M.P.** Dispersion of lattice waves in transition metals 8-79683
- Singh, B.P., Pathak, L.P., Hemkar, M.P.** Lattice dynamics of noble metals 8-83894
- Singh, B.P., Singh, R.S.** K-vitamins of K-quinones 8-61139
- Singh, B.R., Balk, P.** Oxidation of silicon in the presence of chlorine and chlorine compounds 8-53009
- Singh, C., Seward, R.J.** Summary and recommendations of the Southeast Asian Regional Conference on University Physics Education 8-81732
- Singh, C.A.** *see* Pasupathy, J. 8-58175
- Singh, C.P., Roychaudhuri, J., Chandrika Singh** Rescattering effects in three-particle final-state reactions 8-93903
- Singh, D., Bisht, J.S., Madhvanath, U.** Depth dose, dose equivalent and quality factor for leadage neutron spectra from critical assemblies 8-58504
- Singh, D., Bisht, J.S., Madhvanath, U.** Depth dose, dose equivalent and quality factor for reactor neutron spectra 8-94143
- Singh, D.** *see* Shrivastava, B.D. 8-86809
- Singh, D.D.** *see* Puri, B.R. 8-95225
- Singh, D.P., Jain, S.K., Singh, B.** Propagation characteristics of VLF hiss observed at low latitude ground stations 8-69561
- Singh, G.** *see* Keane, B. 8-73276, 8-73277
- Singh, G.C.** *see* Sarkar, P.C. 8-66458, 8-66528
- Singh, G.P.** Electron localisation in disordered polymer chains 8-87945
- Singh, G.P., Basu, B.K.** Propagation of longitudinal ultrasonic waves in RbH_2PO_4 near its ferroelectric phase transition temperature 8-84536
- Singh, G.S., Joshi, S.K., Auluck, S.** Inversion of the cyclotron resonance data in cadmium 8-91593
- Singh, H., Laposa, J.D.** Intramolecular heavy atom effect on the polarization of phosphorescence of phenylacetylene 8-52550
- Singh, I.D.** *see* Kixit, L. 8-58682
- Singh, I.D.** *see* Srivastava, S.P. 8-63828
- Singh, J., Adams, A.T.** Numerical calculation of scattering from surfaces 8-62983
- Singh, J., Clegg, A.B., Erne, F.C., Kooijman, P., Loebinger, F.K., Murphy, P.G., Rudge, A., Sens, J.C., Timmer, J., Albrow, M.G., Barber, D.P., Benz, P., Bosnjakovic, B., Chang, A.B., McCubbin, N.A., Sessoms, A.L.** Production of high-momentum mesons at small angles at a cm energy of 45 GeV at the CERN ISR 8-93910
- Singh, J.B.** *see* Aggarwal, M.M. 8-58173
- Singh, J.P.** A model of grain-diameter dependence of latent images in photographic emulsions 8-62244
- Singh, J.P.** On the flow of a dusty fluid 8-79362
- Singh, J.P., Pathak, R.S.** Unsteady flow of a dusty viscous fluid through a tube with sector of a circle as cross-section 8-59449
- Singh, J.P., Pathak, R.S.** Unsteady flow of a dusty viscous fluid through a uniform pipe with sector of a circle as cross-section 8-59450
- Singh, K.** Two regimes with the same TDF but differing morbidity used in the treatment of stage III carcinoma of the cervix 8-53474
- Singh, K.** *see* Gupta, A.K. 8-50710, 8-74850
- Singh, K.** *see* Kaul, S.N. 8-68030
- Singh, K.J.** *see* Sandhu, R.S. 8-75066
- Singh, K.K., Prakash, J.** Temperature dependence of quasiparticle sound velocity in a Bose gas 8-51761
- Singh, K.K.** *see* Verma, B.G. 8-79383
- Singh, K.P., Singh, R.S.** Gravitational collapse with escaping neutrinos in Liouville fourfold and product space ($V_3 \times V_1$) 8-57437
- Singh, K.P.** *see* Islam, N. 8-75855
- Singh, L., Vijayakumar, P.N., Garg, S.C., Tyagi, T.R., Bhardwaj, R.K., Dabas, R.S., Nagpal, O.P., Gupta, A.S.** Study of large and medium scale irregularities using 140 MHz ATS-6 Faraday rotation records from three stations 8-69599
- Singh, L.** *see* Garg, S.C. 8-69592
- Singh, L.** *see* Sharma, M.L. 8-58245
- Singh, L.** *see* Tyagi, T.R. 8-69598
- Singh, L.P.S., Hagen, C.R.** Absence of induced counterterms in the Federbusch model 8-50023
- Singh, M.** Experimental verification of the new mounting of concave grating 8-50913
- Singh, M.** Phonon scattering and effect of dislocations on the low-temperature phonon conductivity in Ge 8-51754
- Singh, M.** Theory of resonance scattering for electron-phonon interaction in doped semiconductors with zincblende structure 8-64036
- Singh, M.** Phonon attenuation in n-type semiconductors with ZB structure in presence of internal strains and magnetic field 8-76118
- Singh, M.** The influence of internal strain on bound hole-phonon interaction in p-type semiconductors with zincblende structure 8-91492
- Singh, M., Rajvanshi, S.C.** Computation of the flow between a rotating and a stationary naturally permeable disk 8-90914
- Singh, M.** *see* Dabrowski, A.J. 8-78049
- Singh, M.** *see* Trehan, S.K. 8-53924
- Singh, M.C.** Similarity solution of wave propagation in nonhomogeneous elastic rods 8-59323
- Singh, M.P., Sinha, P.C., Aggarwal, M.** Flow in the entrance of the aorta 8-69124
- Singh, M.P.** *see* Jhanwar, B.L. 8-78818
- Singh, M.R., Balasubramanian, S.** On the ground state wave-functions for donors in silicon 8-87937
- Singh, M.S., Kumar, S.** Study of a western disturbance 8-81302
- Singh, N.** Distribution of charge on a wire in a warm plasma 8-55274
- Singh, N.** A boundary-value problem treatment of an electric dipole in a warm isotropic plasma using the multiple water bag model 8-91115
- Singh, N.** The ion-electron instability of ion-beam-plasma systems 8-91118
- Singh, N.B.** Solidification behaviour of eutectic; naphthalene-p. chloronitrobenzene system 8-64530
- Singh, O.** *see* Curzon, A.E. 8-87888
- Singh, O.P., Stegemann, D.** Theoretical treatment of noise analysis in boiling water reactors 8-50237
- Singh, P.** Lagrangian thermodynamics as a particular case of governing principle of dissipative processes 8-65889
- Singh, P.** Non-equilibrium theory of unsteady heat conduction 8-67000
- Singh, P., Sharma, V.P., Misra, U.N.** Response of horizontal free convection boundary layer to plate temperature oscillations 8-59391
- Singh, P., Sharma, V.P., Misra, U.N.** Three dimensional fluctuating flow and heat transfer along a plate with suction 8-87389
- Singh, P., Sharma, V.P., Misra, U.N.** Three dimensional free convection flow and heat transfer along a porous vertical plate 8-90866

- Singh, P.D.**, Vanlandingham, F.G. Line positions and oscillator strengths of rotation-vibration bands of possible interstellar SiH and SiH⁺ 8-58644
- Singh, P.D.** *see* de Almeida, A.A. 8-93100
- Singh, P.P.** *see* Castaneda, C.M. 8-86545
- Singh, R.**, Datt, S.C. Electrical conduction and persistent internal polarization in sisal wax 8-80277
- Singh, R.**, Katra, T. Development of an impulse technique for measurement of muffler characteristics 8-59217
- Singh, R.**, Katra, T. On the digital generation of an acoustic excitation impulse 8-90618
- Singh, R.**, Soedel, W. Assessment of fluid-induced damping in refrigeration machinery manifolds 8-83164
- Singh, R.** *see* Pelka, D.G. 8-61973
- Singh, R.** *see* Shewchun, J. 8-52061
- Singh, R.D.** *see* Sharma, O.P. 8-58681
- Singh, R.D.** *see* Singh, S.N. 8-58663
- Singh, R.K.**, Nirwal, V.V.S. Three-body interaction effects on cohesive properties of alkali halides 8-83770
- Singh, R.N.** Design of a sealed-off CO₂ gas laser and its mode patterns 8-55370
- Singh, R.N.** Thermal imaging screens for visual display of infrared laser beams 8-66903
- Singh, R.N.**, Srivastava, P.L. Model potential calculation of binding energy and compressibility of alkali metals 8-91632
- Singh, R.N.** *see* Gupta, G.P. 8-93054
- Singh, R.P.** *see* Ramani, R. 8-51621
- Singh, R.P.** *see* Shanker, J. 8-80274, 8-83767
- Singh, R.S.** *see* Pande, A.K. 8-50653
- Singh, R.S.** *see* Singh, B.P. 8-61139
- Singh, R.S.** *see* Singh, K.P. 8-57437
- Singh, S.** Leakage error in cosmic ray spectra 8-89023
- Singh, S.** An iterative method for detailed depth determination from refraction data for an uneven interface 8-96302
- Singh, S.**, Anand, K.V. Conduction and charge storage in a double-dielectric MAOS structure for memory applications 8-52099
- Singh, S.**, Murty, T. Multidimensional classification of normal voice qualities 8-92651
- Singh, S.**, Shukla, K.P. Second virial coefficient for a mixture of nonspherical molecules of arbitrary symmetry 8-75247
- Singh, S.**, Virk, H.S. Fission track dating and estimation of uranium in some garnets of Rajasthan (India) 8-94039
- Singh, S.** *see* Aggarwal, M.M. 8-58173
- Singh, S.** *see* Anand, K.V. 8-52100
- Singh, S.** *see* Mozumder, A. 8-66168
- Singh, S.** *see* Prasad, N. 8-59861
- Singh, S.** *see* Shirkot, K.S. 8-87375
- Singh, S.C.**, Murakami, Y., Delacy, L. Remarks on ordering in ternary β -Cu-Zn-Al alloys 8-68687
- Singh, S.I.S.**, Shamir, J. Polarised Raman and infrared spectra of single crystals of p-chlorobromobenzene 8-60431
- Singh, S.** Krishna *see* Krishna Singh, S.
- Singh, S.N.** Unsteady flow of linear visco-elastic fluids in a channel and a pipe 8-79375
- Singh, S.N.**, Kumar, S., Srivastava, M.K. e^- -He⁺ elastic scattering in a modified Coulomb-Glauber approximation 8-86949
- Singh, S.N.**, Singh, R.D. Forbidden character in allowed electronic transitions spectra of mono-halonaphthalenes 8-58663
- Singh, S.N.**, Tripathi, A.N. Application of the modified Glauber approximation to the study of elastic scattering of electrons by helium atoms 8-74764
- Singh, S.P.** Double plasmon high energy satellite in X-ray emission spectrum of beryllium 8-72639
- Singh, S.P.** Unpaired electron and plasmon in low energy satellites of X-ray K α_1 emission spectrum of chromium 8-88383
- Singh, S.P.**, Kabelka, H., Kuzmany, H. Surface-wave generation in crystals with high dielectric constant 8-83203
- Singh, S.P.** *see* Sharma, S.S. 8-84260
- Singh, T.**, Yadav, B.S. Some exact solutions of charged fluid spheres in general relativity 8-62122
- Singh, T.N.**, Roy, B.N. Lattice dynamics of zinc-blende-type crystals 8-95121
- Singh, U.N.**, Block, R.C., Nakagome, Y. Neutron capture and transmission measurements on fission product palladium-107 8-58277
- Singh, V.**, Lahiri, D.P., Ramachandran, T.R. Manganese-vacancy interaction in aluminium-0.35% manganese alloy 8-76676
- Singh, V.**, Singhal, R.P. Binary encounter calculations of proton energy deposition in N₂ 8-74746
- Singh, V.**, Singhal, R.P. Intensities of N₂ bands in proton-induced polar cap aurora 8-77389
- Singh, V.** *see* Raina, A.K. 8-78182
- Singh, V.A.**, Roth, L.M. Spin waves in amorphous ferromagnets 8-68203
- Singh, V.B.**, Tikoo, P.K. Electrodeposition of ternary nickel-cobalt-cadmium alloys from acetate bath 8-68637
- Singh, V.P.** Modification of energy hypothesis for the case of explosive charge 8-55658
- Singh, V.P.** *see* Mohan, C. 8-69782, 8-77577
- Singh, Y.** *see* Abraham, F.F. 8-67632
- Singh Brij Mohan** *see* Brij Mohan Singh
- Singh Chandrika** *see* Chandrika Singh
- Singh Jagbir** *see* Jagbir Singh
- Singh Mahipal** *see* Mahipal Singh
- Singh Nawab** *see* Nawab Singh
- Singh Nirmal** *see* Nirmal Singh
- Singh Om Pal** *see* Om Pal Singh
- Singh Ramesh Kumar** *see* Ramesh Kumar Singh
- Singh Rananjai** *see* Rananjai Singh
- Singh Sadhu** *see* Sadhu Singh
- Singh Tejwant** *see* Tejwant Singh
- Singh Vir** *see* Vir Singh
- Singh Virendra** *see* Virendra Singh
- Singhai, D.** *see* Agraval, B.K. 8-76506
- Singhal, N.C.** *see* Sayer, R.O. 8-66242
- Singhal, N.C.** *see* Shah, V. 8-73196
- Singhal, R.P.**, Arthur, R.G., Knight, E.A., Macauley, M.W.S., Kelvin, D., Watt, A., Whitehead, R.R. Quadrupole transitions in ²⁰Ne 8-62523
- Singhal, R.P.**, Burns, A.J. Verification of Compton collision and Klein-Nishina formulas—an undergraduate laboratory experiment 8-62010
- Singhal, R.P.**, Vir Singh Binary encounter approximation theory for stripping 8-50618
- Singhal, R.P.** *see* Arthur, R.G. 8-62520
- Singhal, R.P.** *see* Knight, E.A. 8-58525
- Singhal, R.P.** *see* Singh, V. 8-74746, 8-77389
- Singhal, S.P.** *see* Rajagopal, A.K. 8-56095, 8-60258
- Singham, M.K.** *see* Epstein, G.N. 8-50152
- Singleton, J.F.** *see* Sofield, C.J. 8-94136
- Singleton, J.H.** *see* Lange, W.J. 8-77924
- Singleton, R.M.**, Hendricks, C.D., Weinstein, B.W. Microradiographic measurement of laser fusion targets 8-50308
- Singman, L.V.** *see* Burginyon, G.A. 8-49946
- Singwi, K.S.** *see* Gupta, A.K. 8-56099
- Singwi, K.S.** *see* Jena, P. 8-51689, 8-67978
- Singwi, K.S.** *see* Kirzenow, G. 8-84145
- Sinh Nguyen Quang Sinh**
- Sinha, A.**, Chattopadhyaya, S.K. Effect of back surface field on photocurrent in a semiconductor junction 8-91762
- Sinha, A.K.**, Levinstein, H.J., Smith, T.E. Thermal stresses and cracking resistance of dielectric films (SiN, Si₃N₄, and SiO₂) on Si substrates 8-63958
- Sinha, A.K.**, Levinstein, H.J., Smith, T.E., Quintana, G., Haszko, S.E. Reactive plasma deposited Si-N films for MOS-LSI passivation 8-56584
- Sinha, A.K.**, Smith, T.E. Electrical properties of Si-N films deposited on silicon from reactive plasma 8-68103
- Sinha, A.K.**, Smith, T.E. Kinetics of the slow-trapping instability at the Si/SiO₂ interface 8-76151
- Sinha, A.K.** *see* Chang, C.C. 8-67683
- Sinha, A.P.B.** *see* Gupta, M.P. 8-95532
- Sinha, B.**, Moszkowski, A.S. Nuclear structure calculations using momentum-dependent delta interactions (MDD) 8-74309
- Sinha, C.**, Roy, N., Sil, N.C. Excitation of ground-state hydrogenic ions to an arbitrary s state 8-58836
- Sinha, C.**, Sil, N.C. Electron impact excitation of hydrogenic ions to arbitrary s states including exchange effects 8-58835
- Sinha, D.K.** *see* Gupta, M. 8-60169, 8-76114
- Sinha, D.P.**, Dutta, A.C. Crystallographic studies of ortho-cyanobenzyl bromide 8-51525
- Sinha, K.** On the rotational temperature of TiO in sunspots 8-69766
- Sinha, K.**, Joshi, G.C., Pande, M.C. Sulphur molecules on the Sun 8-69765
- Sinha, K.B.** *see* Amrein, W.O. 8-49573
- Sinha, K.B.** *see* Santhanam, T.S. 8-89356
- Sinha, M.**, Bennon, D.N. Transport parameters for potassium hydroxide-water solution in a cation exchange membrane [use in Zn-Ag₂O batteries] 8-64883
- Sinha, M.K.** *see* Fahlstrom, C.R. 8-72657
- Sinha, N.K.** Stress state in tempered glass plate and determination of heat-transfer rate 8-60684
- Sinha, P.C.** *see* Singh, M.P. 8-69124
- Sinha, R.P.** A reexamination of the rotation curve for the Galaxy 8-96529
- Sinha, R.P.** *see* Bowers, P.F. 8-89203
- Sinha, S.B.**, Rauf, S.A. Elastic-plastic plane waves with combined stresses 8-90764
- Sinha, S.K.** Developments in the microscopic theories of lattice dynamics 8-59870
- Sinha, S.K.**, Costello, G.A. The numerical solution of the dynamic response of helical springs 8-67026
- Sinha, S.K.** *see* Barua, B.P. 8-75705
- Sinha, S.K.** *see* Das, S.G. 8-79732
- Sinha, S.K.** *see* Stassis, C. 8-51785
- Sinha, S.N.** *see* Chung, B.T.F. 8-94564
- Sinha, T.K.** Disturbance due to a propagating normal-stress discontinuity in a rectangular region in a semi-infinite elastic medium 8-57168
- Sinha Debabrata** *see* Debabrata Sinha
- Sinharoy, S.**, Levenson, L.L., Ballard, W.V., Day, D.E. Surface segregation of calcium in dense alumina exposed to steam and steam-CO 8-85013
- Sinharoy, S.**, Smith, M.A., Levenson, L.L. Thermal decomposition of nickel carbide thin films 8-56056
- Sinigaglia, D.**, Taccani, G., Vicentini, B., Dallaspezia, G. Electrochemical behavior of titanium and some titanium alloys under tensile stress in boiling sulfuric acid and acidic chloride solutions 8-95851
- Sinii, I.G.** *see* Pisarev, R.V. 8-76441
- Sinii, I.G.** *see* Smolenskii, G.A. 8-76401
- Sinis, V.P.** *see* Godik, E.E. 8-50935
- Sinita, S.P.** *see* Efimov, V.M. 8-95376
- Sinita, S.P.** *see* Esaev, D.G. 8-66788
- Sinita, S.P.** *see* Gritsenko, V.A. 8-76152
- Sinita, V.N.** *see* Pershin, V.T. 8-55541
- Sinitin, V.M.** *see* Galperin, Yu.I. 8-88997
- Sinitina, Z.A.** *see* Bagdasaryan, Kh.S. 8-80763
- Sinitiskii, I.A.** *see* Men', B.A. 8-68235
- Sinitiskiy, V.B.**, Savenko, A.A., Kivva, F.V. Attenuation of millimeter waves in rain 8-96280
- Sinityn, A.B.** *see* Abakumov, G.A. 8-71131
- Sinityn, A.K.** *see* Vislovich, A.N. 8-75213
- Sinityn, A.Ya.** *see* Novikov, G.F. 8-81449
- Sinityn, I.G.** *see* Makhviladze, T.M. 8-50863
- Sinityn, V.A.** *see* Kashaev, Yu.G. 8-51139
- Sinityn, V.I.** *see* Andrianov, A.M. 8-81322
- Sinityn, V.M.** *see* Gal'perin, Yu.I. 8-69610
- Sinityn, V.V.** *see* Kosilov, M.S. 8-86299
- Sink, D.A.**, Iwinski, E.M. A computer code for the costing and sizing of TNS Tokamaks 8-50361
- Sink, D.A.** *see* Chapin, D.L. 8-54992, 8-58416
- Sink, M.L.**, Bandrauk, D. The harmonic oscillator model in predissociation 8-90239
- Sink, M.L.** *see* Bandrauk, A.D. 8-85174
- Sinkevich, E.L.**, Fedorchenko, A.M. Thermal fluctuations in a piezoelectric plate 8-76389
- Sinkevich, O.A.** *see* Popel', O.S. 8-87401
- Sinkunas, S.S.** *see* Gimbutis, G.J. 8-90862
- Sinman, A.**, Hopman, H.J., Jurgens, B. Experiments with a relativistic electron beam injected into a plasma 8-63573
- Sinno, K.**, Hirukawa, Y. Relation between VHF ionospheric forward scattering and meteors 8-81504
- Sinno, K.**, Kan, M. Mid-latitude ionospheric scintillations of VHF radio signals associated with peculiar fluctuations of Faraday rotation 8-61663
- Sinogeev, I.N.**, Andronenko, M.N., Orishchin, E.M. Automation of parameter measurement and monitoring for amplification-conversion tract of a spectrometer based on semiconductor mosaics 8-78547
- Sinogeev, I.N.** *see* Andronenko, M.N. 8-78550, 8-78551
- Sinram, K.** *see* Dobiasch, H. 8-62538
- Sinvhal, H.** *see* Khattri, K. 8-96161
- Sinvhal, S.D.**, Srivastava, J.B. Period-mass ratio relations for eclipsing binaries with periods not exceeding 5 days 8-57585
- Sinvhal, S.D.** *see* Kulkarni, P. 8-69795
- Sinyakov, E.V.**, Keskyula, A.Yu., Belash, A.A., Stolpakova, T.M. Two methods for increasing the bandwidth of piezoelectric ceramic transducers 8-54357
- Sinyakov, E.V.** *see* Akimov, S.V. 8-60420
- Sinyakov, E.V.** *see* Dudnik, E.F. 8-59853, 8-91374
- Sinyakov, E.V.** *see* Strukov, B.A. 8-95559
- Sinyakov, K.A.** *see* Demchuk, I.S. 8-56637
- Sinyakov, V.F.** *see* Bardin, V.P. 8-90541
- Sinyakova, N.V.** *see* Demchuk, I.S. 8-56637
- Sinyavskii, D.P.** *see* Gopkalo, A.P. 8-85096
- Sinyavskii, E.P.** *see* Belousov, A.V. 8-88340
- Sinyavskii, V.I.** *see* Bashkurov, Sh.Sh. 8-60367
- Sinyukov, M.**, Trommer, R., Cardona, M. Resonant Raman scattering in InP 8-52495
- Sinyukov, M.P.** *see* Aleksandrov, L.N. 8-95355
- Sinzelle, J.** *see* Bauche-Arnoult, C. 8-62732
- Siohan, F.**, Ellsworth, R.W., Ito, A.S., MacFall, J.F., Streitmatter, R.E., Tonwar, S.C., Yodh, G.B. Transition effect between iron and liquid scintillator 8-90019
- Siohan, F.**, Ellsworth, R.W., Ito, A.S., MacFall, J.R., Streitmatter, R.E., Tonwar, S.C., Yodh, G.B. Unaccompanied hadron flux at a depth of 730 g cm⁻², 10² < E < 10⁴ GeV 8-73593
- Sion, E.M.**, Lupie, O.L., Young, K.N. On the kinematics of the variable DA stars 8-53947
- Sionakides, G.** *see* Bust, C.P. 8-93909
- Siota, Y.** *see* Wakabayashi, K. 8-51395
- Sipakov, N.P.** *see* Lantukh, V.M. 8-53090
- Siparov, S.V.** *see* Kitorov, S.A. 8-91637
- Sipe, J.E.**, van Kranendonk, J. Limitations of the concept of polarizability density as applied to atoms and molecules 8-70964

- Sipila, H.**, Vanha-Honko, V. The counting rate dependent gain shift and the space charge in proportional counters 8-74536
- Sipler, D.P.**, Biondi, M.A. Arecibo ionospheric modification experiments—correlation of 630.0-nm intensity suppressions and enhancements with backscatter radar data 8-77401
- Sipler, D.P.**, Biondi, M.A. Equatorial F-region neutral winds from nightglow O I 630.0 nm Doppler shifts 8-81473
- Sipocz, T.**, Veis, S. Density and mobility of ions created in the corona discharge in air 8-67594
- Sipocz, T.** see Skalny, J. 8-91168
- Sipp, B.** see Heisel, F. 8-60500, 8-67945
- Sips, V.** see Crijen, Z. 8-49753
- Siqueira, M.A.A.** see Ghizoni, C.C. 8-68027
- Siraev, A.Kh.** see Molchanov, A.A. 8-53761
- Siratori, K.** see Kawanishi, S. 8-76288
- Sirbu, I.** see Radulescu, M. 8-84852
- Sircar, A.**, Brett, N.H., White, J. Phase studies in the system CaO-MgO-ZrO₂-SiO₂. I. Compatibility relationships of silica 8-95734
- Sircar, A.**, Brett, N.H., White, J. Phase studies in the system CaO-MgO-ZrO₂-SiO₂. II. Compatibility relationships of zirconia 8-95735
- Sircar, R.** Large deflection of a shallow spherical shell subjected to uniform normal pressure and heating 8-94593
- Sirchis, M.** see Delichatsios, M.M. 8-59096
- Sirchis, M.** see Kung, R.T.V. 8-59095
- Sirdeshmukh, D.B.** see Subhadra, K.G. 8-55928, 8-75792
- Sire, E.O.**, Kohlmaier, G.H., Novak, E. A classical trajectory study of T-V energy transfer of a highly vibrationally excited Morse oscillator in collinear collision with an atom. I. De-excitation processes 8-90268
- Sire, E.O.**, Kohlmaier, G.H., Novak, E. A classical trajectory study of T-V energy transfer of a highly vibrationally excited Morse oscillator in collinear collision with an atom. II. Excitation and dissociation processes 8-90269
- Sirenko, A.F.** see Ali, A.A. 8-79615
- Sirenko, A.F.** see Ivanov, I.G. 8-60045
- Sirenko, A.F.** see Zhernov, S.A. 8-92300
- Sirieix, M.**, Garcia, M., Farre, J., Simonne, J. HgCdTe MIS structure: modelling and application to charge-coupled device infrared imagery 8-80058
- Sirignano, W.A.** see Prakash, S. 8-75194
- Sirin, V.M.** see Kravtsov, A.V. 8-50046
- Sirko, R.**, Subbaswamy, K.R., Mills, D.L. Interaction between local phonon modes and plasmons in n-type semiconductors 8-87932
- Sirlin, A.** Current algebra formulation of radiative corrections in gauge theories and the universality of the weak interactions 8-93883
- Sirmans, D.** see Doviak, R.J. 8-85651
- Sirohi, R.S.** see Shakher, C. 8-70095
- Sironi, G.** see Inzani, P. 8-77489
- Sironi, G.** see Mandolese, N. 8-65717
- Sirota, N.N.**, Lukashova, V.I., Kurochkin, L.A. Irradiation effect on cyclotron resonance in germanium 8-72416
- Sirota, N.N.**, Zhabko, T.E. Temperature dependence of the anisotropy of thermal expansion of scandium 8-83983
- Sirota, Yu.L.** On the calculation of the pollutant field in the lower atmosphere 8-69443
- Sirotnin, G.F.** see Gudzenko, A.I. 8-74995
- Sirotninkin, S.N.**, Efremov, V.A., Kovba, L.M., Pokrovskii, A.N. Crystal structure of lithium-europium double sulfate 8-67695
- Sirotninkin, S.P.**, Efremov, V.A., Kovba, L.M., Pokrovskii, A.N. The crystal structure of anhydrous neodymium sulfate Nd₂(SO₄)₃ 8-79598
- Sirotnin, A.M.**, Slesarev, I.S. Calculation of neutron flux in complex heterogeneous reactor cells by the imbedding element method 8-58321
- Sirovich, L.**, Knight, B.W. On subthreshold solutions of the Hodgkin-Huxley equations 8-77044
- Sirovich, L.** see Ratliff, F. 8-69064
- Sirvaitis, A.I.** see Purlis, R.P. 8-83895
- Siryi, V.D.** see Kesler, N.A. 8-72990
- Sisakyan, E.V.** see Il'in, M.A. 8-83048
- Sisakyan, I.N.** see Belovolov, M.I. 8-71224
- Siscoe, G.L.** Jovian plasmaspheres 8-77517
- Siscoe, G.L.** see Yeates, C.M. 8-77510
- Siskens, Th.J.**, Van Den Horn, L.J. Weak neutral currents and neutrino transport 8-62391
- Siskens, Th.J.** see Caderni, N. 8-61947
- Siskind, E.** see Barish, B.C. 8-62386, 8-89699
- Siskind, E.J.** see Barish, B. 8-89750
- Sisodia, M.L.** see Gupta, P.C. 8-64320
- Sisskind, C.J.** Drillings in the Emperor Seamounts confirm the 'hot spot' hypothesis 8-96189
- Sistemich, K.** see Dehesa, J.S. 8-50087
- Sistemich, K.** see Lauppe, W.-D. 8-54668
- Sisterson, J.M.**, Koehler, A.M., Eilbert, R.F. ⁴⁰Ca(p,2pn)³⁸K total nuclear cross section 8-86536
- Sisterson, J.M.** see Goitein, M. 8-69220
- Sisterson, L.K.** see Bebek, C.J. 8-66128
- Sitakara Rao, V.** see Bhattacharyya, S.K. 8-51821
- Sitek, J.**, Prejsa, M., Cirak, J., Hucl, M., Lipka, J. Mossbauer study of the amorphous Pd₇₀Fe₁₀Si₂₀ alloy upon transition to the crystalline state 8-59758
- Sitek, J.**, Tomasich, M., Cirak, J., Prejsa, M., Kruzliak, J. Phase analysis of superconducting Nb-Sn materials by Mossbauer spectroscopy 8-64305
- Sitenko, A.G.** On the fluctuation-dissipative relation in nonlinear electrodynamics 8-79410
- Sitenko, A.G.**, Nguyen-Van Chong On nonlinear wave interaction in semibounded plasma 8-67350
- Sitenko, A.G.**, Zasenkov, V.I. On the fluctuation level saturation in magnetized plasma with anisotropic velocity distribution 8-59593
- Sitenko, A.G.**, Zasenkov, V.I. On the plasma nonlinear eigenfrequency shift 8-83559
- Sitenko, Y.A.** see Gusynin, V.P. 8-54538
- Sites, J.R.** see Armstrong, G. 8-55992
- Sites, J.R.** see Washburn, H.A. 8-64136
- Sithapathi, A.** see Vidyandhi, V. 8-51166
- Sitnikov, I.G.** Numerical modeling of atmospheric processes in the tropical zone 8-61532
- Sitnikova, A.A.** see Sorokin, L.M. 8-87699
- Sitnikova, M.F.** see Vendik, I.B. 8-60133
- Sitnov, V.I.** see Kaplan, V.B. 8-71551
- Sitte, J.** see Sessa, V. 8-56112
- Sitter, J.** see De Sitter, J.
- Sitter, J.** see De Sitter, J.
- Siukhin, A.F.** see Florov, V.K. 8-85072
- Siuta, V.**, Stein, S.J. Characteristics of an indium-tin oxide transparent conductor deposited from organometallic compositions 8-91793
- Sivachenko, S.D.** see Britov, A.D. 8-50777
- Sivachenko, S.D.** see Ivanov-Omskii, V.I. 8-52569
- Sivadasan, K.** see Narayanan, V. 8-85630
- Sivak, E.F.** Influence of atmospheric pressure on natural and parametric oscillations of cylindrical shells 8-67086
- Sivak, J.G.**, Bobier, W.R. Chromatic aberration of the fish eye and its effect on refractive state 8-64985
- Sivak, J.G.** see Bobier, C.W. 8-56967
- Sivakumar, T.C.**, Chew, H.A.M., Johari, G.P. Effect of pressure on the Raman spectrum of ice 8-95582
- Sivaram, A.**, Ramachandra Rao, D., Venkateswarlu, P. High-temperature fluorescence studies of Dy³⁺:CaF₂ using Ar⁺ and N₂ lasers 8-56514
- Sivarama Sastry, G.** see Chandra Mouli, V. 8-52342
- Sivashinsky, G.** Self-turbulence in the motion of a free particle 8-86177
- Sivashinsky, G.I.** Nonlinear analysis of hydrodynamic instability in laminar flames. I. Derivation of basic equations 8-51253
- Sivashinsky, G.I.** see Michelson, D.M. 8-51254
- Sivarghin, Yu.M.** see Fedorova, V.N. 8-64577
- Sivers, D.** Heavy quark production 8-78137
- Sivers, D.** see Babcock, J. 8-50057, 8-82108
- Sivik, L.**, Hard, A. Methodological studies of color changes due to distance and lighting: direct assessment using the Natural Color System 8-57004
- Sivik, L.** see Hard, A. 8-57002
- Sivjee, G.G.**, Romick, G.J., Murcay, W.B. Variability in the determination of total atmospheric ozone using remote sensing spectroscopic techniques 8-65437
- Sivjee, G.G.** see Christensen, A.B. 8-77387
- Sivkov, N.I.** see Gumenyuk, G.A. 8-86316
- Sivo, A.** see Povinec, P. 8-74544
- Sivo, A.** see Saro, S. 8-74550
- Sivo, A.J.** see Lawson, J.Q. 8-70635
- Sivov, A.N.** see Zal'tsman, Ye.B. 8-57987
- Sivtseva, L.D.** see Grechnev, K.V. 8-53766
- Sivvykh, G.F.** Effect of roughness on frictional resistance of a surface during gradient flow of a compressible gas with heat transfer 8-90931
- Siwecki, T.**, Pietrzyk, J., Osuch, W., Gorczyca, S. Precipitation of V(C,N) and twinning in the transformation process $\gamma \rightarrow \alpha$ in low-carbon steels 8-52807
- Sivek-Wilczynska, K.**, Wilczynski, J. A test of nucleus-nucleus potential using fusion excitation functions 8-50204
- Siwkiewicz, Z.**, Filipowicz, W., Stolarz, S. Investigation on the influence of supersonic vibrations on the pressing of iron powder 8-64500
- Sixel, P.** see Bartke, J. 8-66169
- Sixel, P.** see Bockmann, K. 8-93912
- Sixel, P.** see Kirk, H.G. 8-82252
- Sixel, P.** see Schmitz, P. 8-62467
- Sixl, H.** see Bubeck, C. 8-85175
- Sixl, H.** see Hinkel, H. 8-64257
- Sixl, H.** see Reineker, P. 8-91623
- Sizemore, K.O.** see Bogges, A. 8-96382
- Sizintseva, N.F.** see Volchenkova, Z.S. 8-95184
- Sizmann, R.** see Eichner, S. 8-95645
- Sizonenko, V.L.**, Stepanov, K.N. A high-frequency gradient-driven instability in an inhomogeneous finite-pressure plasma 8-75291
- Sizonenko, V.L.** see El-Naggar, I.A. 8-79422
- Sizonenko, V.L.** see Hussein, A.M. 8-83567
- Sizov, A.A.** see Novoselova, A.A. 8-77260
- Sizov, F.F.** see Kondratenko, M.M. 8-52010
- Sizov, V.V.** see Berezko, E.G. 8-58837, 8-78789
- Sizto, G.**, Sowerby, R., Uko, D.K. A note on certain aspects of the reverse flow behaviour of a 1090 spheroidized steel 8-80610
- Sizun, M.** see Goursaud, S. 8-64809
- S.J.**, L. Rodriguez see Rodriguez S.J., L.
- Sjoblom, C.-A.** see Jansson, B. 8-79660
- Sjoblom, R.K.** see Ahmad, I. 8-78268
- Sjodin, R.** see Ishii, K. 8-78798
- Sjodin, S.** see Mitra, S.K. 8-71430
- Sjogren, L.** Density fluctuations in liquid aluminium 8-55806
- Sjogren, L.** Kinetic theory of classical liquids. V. Formal theory 8-87598
- Sjogren, W.L.** see Ferrari, A.J. 8-77503
- Sjolander, A.**, Turski, L.A. On the properties of supercooled classical liquids 8-55796
- Sjolander, A.** see Mukhopadhyay, G. 8-67961
- Sjoreen, T.P.**, Garg, U., Fossan, D.B. The g-factor of the 25/2⁺ isomeric state in ²⁰⁷At; evidence for neutron excitation 8-70447
- Sjostrom, M.**, Squire, J.M. Cryo-ultramicrotomy and myofibrillar fine structure: a review 8-53592
- Skaar, S.B.** see Kraige, L.G. 8-93528
- Skacha, J.** see Doubrava, P. 8-76494
- Skachenko, A.V.**, Sporykhin, A.N. Stability of an elastoplastic sphere under external pressure 8-94603
- Skachkov, N.B.** Quark confinement potential is a continuation of the field-theoretical Coulomb potential at small distances and the spectrum of new vector mesons below 2 GeV 8-93860
- Skachkov, N.B.**, Solovtsov, I.L. Relativistic three-dimensional description of two fermion interaction 8-58143
- Skachkov, N.B.**, Solovtsov, I.L. Mass spectra and Regge trajectories of light vector mesons in the relativistic quark model 8-93864
- Skachkov, V.L.** see Kartashev, V.G. 8-87453
- Skadin, V.G.** see Klimenko, V.S. 8-94852
- Skadorov, V.V.** see Potupa, A.S. 8-89763
- Skaer, H.Le B.**, Franks, F., Asquith, M.H., Echlin, P. Polymeric cryoprotectants in the preservation of biological ultrastructure. III. Morphological aspects 8-65159
- Skaer, H.Le B.** see Echlin, P. 8-65158
- Skaer, H.Le B.** see Franks, F. 8-65157
- Skagerstam, B.-S.** Confinement of fermions and the quantum sine-Gordon field theory 8-86442
- Skaggs, L.S.** see Waterman, F.M. 8-53509, 8-73249
- Skaggs, R.W.** see Tang, Y.K. 8-61465
- Skakov, Yu.A.** see Mirskii, A.L. 8-84835
- Skakun, S.D.** see Surkov, G.A. 8-59479, 8-79194
- Skala, J.** see Kralikova, B. 8-63595, 8-83609
- Skala, L.** see Bilek, O. 8-84123
- Skalafuris, A.J.** see Koch, P. 8-96448
- Skalak, F.M.**, Chang-Yi Wang On the nonunique solutions of laminar flow through a porous tube or channel 8-94816
- Skalak, R.** see Tozeren, H. 8-67251
- Skaletskaya, N.A.** see Ereemeev, M.A. 8-68597
- Skalicky, P.** see Muschik, H. 8-75586
- Skalinski, T.** see Rosinski, K. 8-55229
- Skalny, J.**, Sipocz, T., Mravec, A., Veis, S. CV-characteristics of the corona discharge in He with O₂ admixtures 8-91168
- Skalny, J.** see Veis, S. 8-67595
- Skalon, A.I.** Vibration errors in a pendulum accelerometer 8-77874
- Skalozub, V.V.** On restoration of spontaneously broken symmetry in magnetic field 8-74178
- Skalski, S.** see Raj, K. 8-68409
- Skard, J.A.J.** see Albrow, M.G. 8-58214
- Skarestad, M.** see Ekstrom, C. 8-78257
- Skarsgard, H.M.** see Gentle, K.W. 8-59659
- Skarstad, P.M.**, Parker, H.S. Crystal growth of the solid electrolyte (C₂H₅NH)₂Cu₂Br₂ from the melt 8-64462
- Skarstad, P.M.** see Chan, L.Y.Y. 8-51527
- Skarzynski, E.** The problem of the space-time infinity of the Universe. I 8-61948
- Skazin, V.E.** see Museliani, V.Sh. 8-92370
- Skeath, P.**, Saperstein, W.A., Pianetta, P., Lindau, I., Spicer, W.E., Mark, P. UPS and LEED studies of GaAs (110) and (111) As surfaces 8-91514
- Skeff Neto, K.**, Cunha Lima, I.C., Almeida, N.S., Miranda, L.C.M. On the high-temperature behaviour of magnetically ordered microcrystals 8-84456
- Skei, J.M.** Serious mercury contamination of sediments in a Norwegian semi-enclosed bay 8-81220
- Skeiber, S.C.**, Mason, R.L., Potter, R.C. Effectiveness of audible warning devices on emergency vehicles 8-87200

- Skelhorn, R.R. *see* Pankhurst, R.J. 8-65303
 Skellern, D.J. *see* Frater, R.H. 8-85856
 Skelton, E.F. *see* Shu-Cheng Yu 8-95026
 Skeppstedt, O. *see* Barker, J.H. 8-82311
 Skeppstedt, O. *see* Kerek, A. 8-50440
 Skerget, P. *see* Alujevic, A. 8-62593
 Sketch, M. Ultrasonically enhanced liquid filtration 8-59526
 Sketch, M.H., Nair, C.K., Esterbrooks, D., Mohiuddin, S. Clinical experience with automated exercise ECG analysis 8-81050
 Sketch, M.H. *see* Zencka, A.E. 8-81028
 Skiadaressis, D., Spalding, D.B. Heat transfer in ducts rotating around a perpendicular axis 8-94752
 Skibo, M.D., Hertzberg, R.W., Manson, J.A. The effect of temperature on the frequency sensitivity of fatigue crack propagation in polymers 8-76762
 Skibo, M.D. *see* Hertzberg, R.W. 8-52993
 Skidmore, R., Woodcock, J.P. Ultrasonic flowmeters in the study of arterial haemodynamics 8-61235
 Skilbeck, J.N. Mantle convection 8-73348
 Skillicorn, I.O. *see* Scarr, J.M. 8-54634
 Skillman, T.L., Jr., Brooks, E.D., III, Coplan, M.A., Moore, J.H. A microcomputer based multiple detector data acquisition system 8-90049
 Skillman, T.L., Jr. *see* Moore, J.H. 8-58872
 Skinner, A.D. Measurement Standards Laboratory-improved capability 8-54332
 Skinner, D.P., Newnham, R.E., Cross, L.E. Flexible composite transducers 8-80291
 Skinner, D.P. *see* Newnham, R.E. 8-80290
 Skinner, G.B. *see* Lifshitz, A. 8-89586
 Skinner, G.K. *see* White, N.E. 8-77621
 Skinner, J.L., Wolynes, P.G. Relaxation processes and chemical kinetics 8-95909
 Skinner, R., Weil, J.A. Spin-Hamiltonian energies and state vectors. II 8-65810
 Skinner, R.S. Cost-effective noise control in industry 8-55515
 Skipping, C.R., Oakes, M.E. RF electric fields in an inhomogeneous magnetized plasma column 8-83522
 Skirda, V.D., Maklakov, A.I., Shnaider, Kh. Decay of free induction in polyvinyl chloride in the high-elastic state 8-92294
 Skitsko, I.F. *see* Ivanchuk, R.D. 8-56289
 Skjeggstad, O. *see* Erriquez, O. 8-82195
 Skjeltorp, A.T. Interactions in rare earth trihalides 8-68211
 Sklansky, J. Image segmentation and feature extraction 8-58937
 Sklizkov, G.V. *see* Aleksandrov, A.A. 8-83620
 Sklizkov, G.V. *see* Basov, N.G. 8-79451
 Sklizkov, G.V. *see* Belyaev, L.M. 8-74114
 Sklizkov, G.V. *see* Erokhin, A.A. 8-71535
 Sklizkov, G.V. *see* Erokhin, O.N. 8-75391
 Sklizkov, G.V. *see* Veretennikov, V.A. 8-74527
 Sklizkov, G.V. *see* Zorev, N.N. 8-71115
 Sklyankin, V.A. *see* Goganov, D.A. 8-78561
 Sklyarenko, I.Ya. Methods of measurements of trace gases in the vertical column of the atmosphere: A review 8-69442
 Sklyarevskiy, V.V. *see* Artemyev, A.N. 8-66447
 Sklyuev, P.V. Effect of cooling rate and supercooling temperature on the fracture toughness and transition temperature of steels 35 KhNM and 34 KhN3M 8-84987
 Skobelev, B.Yu. Secondary flow in a plane channel 8-87394
 Skobelev, I.Yu., Vinogradov, A.V. Coulomb-Born and unitarised Coulomb-Born cross sections and rates of inelastic transitions in ion-ion collisions 8-82815
 Skobelev, I.Yu., Vinogradov, A.V., Yukov, E.A. Density-dependent lines of one- and two-electron ions in diagnostics of laboratory plasma. II. Intensity line ratios of hydrogenlike, heliumlike and oxygenlike multicharged ions 8-83617
 Skobelev, V.V. *see* Luskotov, Yu.M. 8-49997
 Skobel'tsyn, V.V., Tsvetaev, S.K. An ultrasonic atomizer 8-81959
 Skoblova, V.I. *see* Rymov, A.I. 8-63169
 Skochilov, V.G. *see* Tephtskaja, R.B. 8-53908
 Skocpol, W.J. *see* Weitz, D.A. 8-74916
 Skoda, G. Source disturbance simulating orographical effects: the determination of upstream boundary values 8-65375
 Skoda, V., Hrach, R. Dielectric relaxation effect in MIM systems 8-76158
 Skofljanc, M. *see* Kobal, I. 8-92970
 Skog, G., Linden, M., Hellborg, R. Channelling measurements on single crystal CaF₂ overlaid with gold and calcium fluoride films 8-67762
 Skokov, A.D., Krasavin, Yu.I., Puzel, I.M. Field topography of a powerful inductor magnet with supersaturated polepieces 8-74033
 Skokov, I.V. Accuracy of determination of the density of a gas by the multibeam-interferometry method 8-58016
 Skold, K., Pelizzari, C.A. Neutron inelastic scattering from liquid ³He at 40 mK and at 1.2K 8-79836
 Skollermo, A., Skollermo, G. A Fourier analysis of some difference schemes for the Laplace equation in a system of rotational symmetry 8-77677
 Skollermo, G. *see* Skollermo, A. 8-77677
 Skolnick, M.L. *see* Matzuk, T. 8-94501
 Skolnick, M.S. *see* Andlauer, B. 8-68493
 Skonieczny, W. Elimination of received signal interference disturbances in an ionosphere pulse vertical sounding method 8-88950
 Skorbelev, O.P. *see* Klevtova, T.P. 8-70123
 Skorikov, V.M. *see* Kutvitskii, V.A. 8-52202
 Skorikov, V.M. *see* Zakharov, I.S. 8-51987
 Skorobogat, S.L. *see* Kochenkov, V.A. 8-58520
 Skorobogatov, G.A. Radial oscillations in pulsed photolysis of a gas in a cylindrical cell 8-56908
 Skorobogatov, G.A. *see* Firsova, N.E. 8-78115
 Skorobogatova, I.V., Zvyagin, A.I. Low temperature phase transitions in RbDy(MoO₄)₂ and KDy(WO₄)₂ 8-87787
 Skorobogatova, L.A. *see* Morozov, V.N. 8-56491
 Skorodumov, S.A. *see* Babintseva, T.P. 8-74035
 Skorodumov, S.A. *see* Markov, V.A. 8-74034
 Skorokhod, E.P. *see* Marinov, I.V. 8-67605
 Skorokhod, E.P. *see* Zakharov, A.I. 8-71583
 Skorokhod, V.V. *see* Kolomiets, L.L. 8-84804
 Skorokhvatov, N.A., Andreev, E.G., Khundzhua, G.G. Experimental studies of heat transfer between the sea and the atmosphere 8-81206
 Skorov, D.M. *see* Balankin, S.A. 8-91376
 Skoryupin, V.A. *see* Aranchuk, L.E. 8-75386
 Skosarev, A.V. *see* Roikh, I.L. 8-56804
 Skoskiewicz, T. Preparation of superconducting hydrides of palladium-nickel alloys under high hydrogen pressures 8-88058
 Skoulidakis, Th., Karageorgos, Ath. Protection of aluminium alloys against stress corrosion cracking in saline water by properly oriented anodic coatings. II. Influence of γ_1 -oxide thickness 8-95836
 Skoulios, A. Properties of oriented block copolymers 8-75572
 Skoulios, A. *see* Millaud, B. 8-75547
 Skov, K. *see* Martin, P.W. 8-80828, 8-94960
 Skov Jensen, A. *see* Lading, L. 8-69469
 Skove, M.J. Note on the use of PSI in low-enrollment third and fourth year physics courses 8-61955
 Skovgaard, O., Jonsson, I.G. Solution of a water wave equation for an inhomogeneous medium [tsunamis] 8-90927
 Skovholt, D.J. *see* Thompson, D. 8-86653
 Skovoroda, A.A., Shvilkin, B.N. Cyclotron absorption of electromagnetic waves in a plasma-filled waveguide in a nonuniform magnetic field 8-51315
 Skovoroda, A.A. *see* Belavin, M.I. 8-75338
 Skovoroda, A.A. *see* Shvilkin, B.N. 8-75318, 8-75351
 Skowronek, M., Romeas, P., Gia, V.T. Production of dense plasma by exploding an ionized gaseous filament 8-71507
 Skraba, W.J., Arino, H., Kramer, H.H. A new ⁹⁰Sr/⁹⁰Y radioisotope generator 8-78535
 Skraba, W.J. *see* Arino, H. 8-78536
 Skrable, K.W. *see* Chabot, G.E., Jr. 8-53500
 Skrebkov, O.V. *see* Safaryan, M.N. 8-70904
 Skreblukov, A.E., Chinkov, E.P., Zhuravleva, R.S. Luminescence and coloration of antimony and manganese in activated ortho- and pyrophosphates of calcium 8-92123
 Skrebtsov, G.P. *see* Kolchin, A.A. 8-50428
 Skreiner, K.M., Fitzgerald, E.M., Test, L.D. Seismic qualification of class IE equipment today 8-78475
 Skrenbev, V.A. The role of the non-secular spin-spin interactions in nuclear relaxation 8-91976
 Skrikerud, P.E. *see* Wolf, J.P. 8-50416
 Skriskii, A.N. *see* Derbenev, Ya.S. 8-70219
 Skriskii, A.N. *see* Artemyev, A.N. 8-66447
 Skriskii, A.N. *see* Barkov, L.M. 8-62671
 Skriskii, A.N. *see* Budker, G.I. 8-62667
 Skriskii, A.N. *see* Derbenev, Ya.S. 8-82557
 Skriptin, G.V. *see* Gavril'yev, A.I. 8-69626
 Skripka, I.P. *see* Fedorchenko, V.P. 8-84243
 Skripnik, Yu.A. *see* Kiyankovskii, L.Z. 8-49789
 Skrivers, H.L. Self-consistent calculation of ground-state properties for ordered transition metal alloys 8-91587
 Skrivers, H.L., Andersen, O.K., Johansson, B. Calculated bulk properties of the actinide metals 8-72065
 Skrivers, H.L. *see* Dunsworth, A.E. 8-75984
 Skrobis, K. *see* Westwanski, B. 8-76258
 Skrotzki, W. *see* Steinbrech, R. 8-51607
 Skryabin, Yu.N. *see* Izumov, Yu.A. 8-68276, 8-88127, 8-88128
 Skrynchenko, Yu.M., Kondratov, I.Ya., Stadnichenko, N.P. Powder metallurgy die steels for cold plastic working 8-68649
 Skrynnyk, G.V. Meteorite craters on the Earth 8-96411
 Skrzypczak, E. *see* Shabratovala, G.S. 8-82359
 Skubic, P. *see* Bunce, G. 8-93878
 Skubic, P. *see* Edwards, R.T. 8-82393
 Skubic, P. *see* Heller, K. 8-82253
 Skubnevskii, E.V. *see* Dudarev, A.T. 8-72179
 Skubnevskii, E.V. *see* Zot'ev, B.P. 8-72293
 Skudera, W.J., Jr. The versatility of the 'in-line' SAW chirp filter 8-59207
 Skudnov, V.A. *see* Zolotov, M.A. 8-56712
 Skuja, A. *see* Gordon, B.A. 8-82216
 Skulachenko, S.S. *see* Nazarenko, M.M. 8-50827
 Skullerud, H.R. Progress in the transport theory of weakly ionized gases 8-75274
 Skulski, R. *see* Surowiak, Z. 8-64326
 Skumanich, A. Non-LTE diagnostics 8-81615
 Skumanich, A. *see* Lemaire, P. 8-93185
 Skupsky, S. High thermonuclear energy gains with a low tritium inventory for inertially confined fusion 8-50339
 Skupsky, S. High thermonuclear energy gains with a low tritium inventory for inertially confined fusion 8-58403
 Skupsky, S., Delettrez, J., Lee, C., Thorsos, E., Yaakobi, B., Steel, D., McCrory, R.L. Estimates of density and temperatures attained in recent neon compression experiments 8-59663
 Skuratovskii, I.Ya., Kapitonova, K.A., Volkova, L.I. The absorption factor for a cylindrical specimen perpendicular to a cylindrical beam of the same radius. Application to the X-ray study of cDNA with the use of synchrotron radiation 8-76988
 Skutova, I.V. *see* Vatutin, I.A. 8-83475
 Skuya, L.N. *see* Sprogis, A.A. 8-76508
 Skvara, F., Konta, J. Quantitative evaluation of particle and pore size distribution curves 8-80795
 Skvarka, P. Programs for calculation of reactor systems reliability 8-82416
 Skvortsevskii, A.K., Promyslov, E.V., Chadin, A.V., Pachkoria, K.V. Automatic balancing machines using continuous lasers 8-70115
 Skvortsov, A.I., Shemel'ov, Y.V., Klepatski, V.E., Levitski, B.M. An X-ray study of fission fragment induced structural damage in Nb₃Sn 8-51589
 Skvortsov, A.M., Belen'kii, B.G., Gankina, E.S., Tennikov, M.B. On the conformity between the behavior of a real macromolecule and the Gaussian chain during adsorption in pores 8-51824
 Skvortsov, A.M., Gorbunov, A.A., Zhulina, E.B., Birshtein, T.M. Influence of mechanical forces on the adsorption and adhesion of macromolecules 8-50672
 Skvortsov, A.M., Gorbunov, A.A., Zhulina, E.B., Birshtein, T.M. Behavior of macromolecules in limited volumes 8-70992
 Skvortsov, I.I. Decrease in the sensitivity of magnetic properties of iron-cobalt alloys to mechanical stresses as a result of heat treatment 8-56363
 Skvortsov, I.M. *see* Anikin, V.K. 8-51833
 Skvortsov, L.A. *see* Zverev, G.M. 8-50843
 Skvortsov, V.N. *see* Grigor'ev, O.N. 8-60753
 Skvortsov, V.V. *see* Abdurazakov, A.A. 8-80658
 Skvortsov, Yu.I. *see* Sandovskii, V.A. 8-76821
 Skyrme, G. *see* Polley, M.V. 8-78464
 Slabinski, V.J. INTELST IV in-orbit liquid slosh tests and problems in the theoretical analysis of the data 8-81516
 Slack, C.M., III *see* Bennett, M.B. 8-51032
 Slad', L.M. The neutrino as a source of an axial electromagnetic field 8-58141
 Slade, P.D. Gas purity in the large-scale xenon laser 8-87063
 Slade, P.D., Serafetinides, A. Stable discharges in an HF laser with large electrode separation 8-55371
 Slade, P.G. *see* Emtage, P.R. 8-75468
 Slade, R.A. *see* Fote, A.A. 8-64737
 Sladek, R.J. *see* Bennett, J.G. 8-84262
 Sladek, R.J. *see* Lucovsky, G. 8-59904
 Sladkov, A.M. *see* Sergushin, I.P. 8-88384
 Sladky, P. *see* Fiala, J. 8-76417
 Sladky, P. *see* Pelant, I. 8-77994
 Slaets, J. *see* Schiel, D. 8-49584
 Slafer, W.D., Benard, D.J. Efficient metal hydride arc source 8-63162
 Slafer, W.D., Benard, D.J., Lee, P.H. Efficient chemical generation of metastable alkaline earth atoms 8-63109
 Slafer, W.D. *see* Benard, D.J. 8-66815, 8-74692
 Slanciauskas, A., Pedisius, A. Effect of free-stream turbulence on the heat transfer in the turbulent boundary layer 8-94714
 Slane, P. *see* Bergsten, R. 8-49609
 Slinger, T.G. *see* Black, G. 8-82828
 Slanina, J. *see* van Raaphorst, J.G. 8-69512
 Slaninka, P. Numerical solution of electrical fields in media with insulating and semiconducting materials 8-66710
 Slaninka, P. Numerical solution of the two-dimensional potential fields in complex media 8-94351
 Slappendel, S. *see* Harwig, T. 8-80396

- Slappendel, S.** see Koenderink, J.J. 8-69069, 8-69070, 8-69071, 8-69072
- Slastinin, S.B.,** Vlasenko, V.P., Arkhipova, O.K. Theory of multivariate inspection methods 8-88609
- Slate, S.C.** see Simonen, F.A. 8-86648
- Slater, D.C.,** Mayer, F.J., Johnson, R.R. Experimental studies of fast ions from laser-produced plasmas 8-51327
- Slater, D.C.** see Cover, R.A. 8-83607
- Slater, D.C.** see Johnson, R.R. 8-51328
- Slater, N.K.H.** see Husain, D. 8-94211
- Slater, R.D.** see Chaplin, R.I. 8-80179
- Slater, W.** see Bacino, W. 8-70351
- Slater, W.E.,** Bacino, W.J., Chronoviat, F.M., Nodulman, L.J., Ticho, H.K., Baumgarten, A., Coombes, R., Kirkby, J., Zupancic, C. A large solid angle Cerenkov counter for the DELCO experiment at SPEAR 8-86729
- Slatt, R.M.** see Eyles, N. 8-57233
- Slattery, J.C.** see Deemer, A.R. 8-59453
- Slaughter, C.** see Giovannelli, R.G. 8-77530
- Slaughter, G.G.** see Rana, S. 8-58284
- Slaughter, M.D.** see Oneda, S. 8-58183
- Slaus, I.** Few nucleon systems 8-50094
- Slaus, I.** see Allas, R.G. 8-86539
- Slaven, R.** Evaluation of optical system image quality from measured aspheric replica master data using the ACCOS V SPLINE program 8-66964
- Slavin, J.A.** see Holzer, R.E. 8-96355
- Slavin, S.,** Lawrence, D.M. An atomic absorption bibliography for July-December 1977 8-53276
- Slavin, S.,** Lawrence, D.M. An atomic absorption bibliography for January-June 1978 8-95969
- Slavin, V.S.** see Katsnel'son, S.S. 8-91079
- Slavinskaya, A.A.** see Sokolov, B.A. 8-89066
- Slavinskaya, E.A.** see Golubitskii, V.G. 8-88790
- Slavitschek, G.** see Meyer, U. 8-74462
- Slavskii, Yu.I.** see Drozd, M.S. 8-80699
- Slavyanov, S.Yu.** see Abramov, D.I. 8-70892
- Slawny, J.** see Holsztynski, W. 8-80150
- Slawska-Waniewska, A.E.** see Macco, F. 8-72343
- Slazak, R.** see Penczek, S. 8-64836
- Slebarski, A.** Magnetic study of the system $GdMn_2-GdAl_2$ 8-60282
- Slebarski, A.,** Zarek, W., Konopka, D., Winiarska, A., Derejczyk, E., Chelkowski, A. Magnetic and structural investigations of Sm_xCo_{1-x} ($ErCo_2$), $(ErAl_2)_{1-x}$ and $(GdMn_2)_x$ ($GdAl_2$) $_{1-x}$ intermetallic systems 8-95440
- Sleeman, J.** see Alibrán, P. 8-50026
- Sleeman, J.C.** see Armstrong, T.A. 8-89744
- Sleep, N.H.** Thermal structure and kinematics of mid-oceanic ridge axis, some implications to basaltic volcanism 8-77210
- Sleswyk, A.W.,** James, M.R., Maathuis, W.S.T., Plantinga, D.H. Reversible strain in cyclic plastic deformation 8-84892
- Slemzin, V.A.,** Solyar, N.M., Kholin, I.V., Chugunov, A.Yu., Chupryna, V.A. Tests of X-ray mirror objectives with the aid of soft X-rays from the 'plasma mirror' of an electroionisation CO_2 laser 8-85850
- Slepian, R.M.** see Marshall, R.A. 8-54949
- Slepnev, G.E.** see Sadova, N.I. 8-86950
- Sleptsov, A.A.,** Kychkin, I.S., Rudzikas, Z.B. Matrix elements of relativistic electron-transition operators 8-82789
- Slesar, M.,** Besterici, M., Stefan, B., Miskovicova, M. Laws of plasticity of dispersion strengthened materials 8-84832
- Slesar, M.** see Fric, V. 8-83776
- Slesar, M.** see Kurian, J. 8-84817
- Slesarenko, A.P.** see Rvachev, V.L. 8-83477, 8-94509
- Slesarev, I.S.** see Sirotkin, A.M. 8-58321
- Sletkov, A.A.** see Finkel', V.M. 8-83339
- Slettebak, A.** see Marlbrough, J.M. 8-93251
- Slezkin, N.A.** Fundamental solution of the Fokker-Planck equation for Brownian motion of revolving particles 8-77802
- Slezov, V.V.,** Antsupov, S.M. Theory of heterophase fluctuations in solutions 8-91444
- Slezov, V.V.,** Sagalovich, V.V., Tanatarov, L.V. Theory of diffusive decomposition of supersaturated solid solution under the condition of simultaneous operation of several mass-transfer mechanisms 8-76653
- Slezov, V.V.** see Antsupov, S.M. 8-67833
- Slianciauskas, A.A.,** Drizius, M.-R.M. Calculation of heat transfer on rough surfaces 8-83378
- Slichter, C.P.** Principles of magnetic resonance 8-80189
- Slichter, C.P.** see Abbas, D.C. 8-68399, 8-84488
- Slichter, C.P.** see Cohen, J.D. 8-68398
- Slikin, L.** Ion transport in simple ionic crystals 8-63878
- Slikin, L.M.** see Batra, A.P. 8-55978
- Slikin, M.A.** see Pasternak, C. 8-64859
- Sliney, H.E.** Dynamics of solid lubrication as observed by optical microscopy [the development of the Micro Contact Imager] 8-85002
- Slitenko, A.F.** see Kapinos, V.M. 8-63417, 8-67198
- Sliv, L.A.** see Vol'nin, E.N. 8-74370
- Slivinskii, A.P.** see Sadreev, A.F. 8-60302
- Slivinsky, A.P.** see Sadreev, A.F. 8-66792
- Slivinsky, V.W.,** Ahlstrom, H.G., Nuckolls, J.H., Larser, J.T., Weinstein, B.W., Tirsell, K.G., Storm, E.K., Leipelt, G.R. Implosion experiments with D_2 , 3He filled microspheres 8-59672
- Slivinsky, V.W.** see Coleman, L.W. 8-51362
- Slivinsky, V.W.** see Kornblum, H.N. 8-86741
- Slivinsky, V.W.** see Shay, H.D. 8-91132
- Slivinsky, V.W.** see Storm, E.K. 8-74471
- Slivka, V.Yu.,** Zhdankin, A.P., Turyanitsa, I.D., Khiminets, O.V. Combination scatter of glasses in the $As_2S_3-AsBr_3$ system 8-88315
- Slivka, V.Yu.** see Gurzan, M.I. 8-68514
- Slivka, V.Yu.** see Salo, L.A. 8-72527
- Slivka, V.Yu.** see Vysochanskii, Yu.M. 8-88263
- Slivkov, I.N.** see Kabanov, G.L. 8-87116
- Slivkov, I.N.** see Kochenkov, V.A. 8-58520
- Slivinski, A.** see Blukis, M. 8-60396
- Sljukic, M.** see Kojic-Prodic, B. 8-63746
- Sloan, D.M.** see Barratt, P.J. 8-91241
- Sloan, I.H.** Comment on 'The collocation variational method for solving Fredholm integral equations...' 8-57764
- Sloan, J.J.** see Macdonald, B.A. 8-64818
- Sloan, J.J.** see Macdonald, R.G. 8-73021
- Sloan, J.R.** see de V. Klein, G. 8-65256
- Sloan, M.L.** see Boxman, R.L. 8-89530
- Sloan, T.** see Barber, D.P. 8-78189
- Sloan, T.** see Brodbeck, T.J. 8-58261
- Sloane, N.J.A.,** Harwit, M., Ming-Hing Tai. Systematic errors in Hadamard transform optics 8-94375
- Slobodchikov, S.S.** see Nikitin, S.A. 8-56132
- Slobodchikov, S.V.** see Ivashchenko, A.I. 8-56223
- Slobodchikova, R.I.** see Abramov, V.V. 8-80476
- Slobodkina, F.A.** see Gonopol'skii, A.M. 8-83622
- Slobodrian, M.L.** Ligatto de see Ligatto de Slobodrian, M.L.
- Slobodrian, R.J.,** Roy, R., Rioux, C., Frois, B. Anomaly in the p-d bremsstrahlung near the break-up threshold 8-98888
- Slobodrian, R.J.** see Roy, R. 8-62429
- Slobodyanik, V.V.** see Kilendritskii, D.D. 8-56521
- Slobodyanyuk, A.V.** see Gorban', I.S. 8-72490
- Slobodyanyuk, V.A.** see Gus'kov, Yu.K. 8-90306
- Slobodyanyuk, V.V.** see Kolendritskii, D.D. 8-80416
- Slocari, G.** see Asti, G. 8-52232, 8-52256
- Slocombe, M.G.** see Walker, P.M. 8-93922
- Slokar, G.,** Lucchini, E. Phase relations of hexagonal ferrimagnetic oxides. II. The material subsystem $Sr_7Fe_{10}O_{22}-Fe_2O_3-ZnFe_2O_4$ at $1100^\circ C$ 8-68676
- Slokar, G.,** Lucchini, E. Phase relations of hexagonal ferrimagnetic oxides. I. The material subsystem $BaFe_2O_4-Fe_2O_3-ZnFe_2O_4$ at $1200^\circ C$ 8-72767
- Sloman, A.W.,** Swords, M.D. A fast and economical gated discriminator 8-80663
- Slopp, G.** see Peat, I.R. 8-77954
- Slonczewski, J.C.** see Argyle, B.E. 8-95495
- Slonczewski, J.C.** see Margulies, M. 8-68331
- Slonetskii, A.F.** see Tal'yanskii, E.B. 8-60144
- Slonim, A.** see Adelman, S. 8-57428
- Slonimskii, G.L.** see Andrianov, K.A. 8-76891
- Slonimskii, G.L.** see Kochergin, Yu.S. 8-72809
- Sloninska, B.** see Rudnicki, T. 8-73177
- Sloss, J.M.** see Bruch, J.C., Jr. 8-81251
- Slottje, C.** Millisecond microwave spikes in a solar flare 8-96464
- Slottje, C.** see Heyvaerts, J. 8-61824
- Slovak, M.H.** A photometric survey of the α Persei cluster for δ Scuti variables 8-93246
- Slovetskii, D.I.** see Maksimov, A.I. 8-59694
- Slovetsky, D.** see Ambrazevicius, A. 8-67596
- Slovetsky, D.I.** see Butylkin, J.P. 8-70946
- Slovetsky, D.I.** see Polak, L.S. 8-63622, 8-63623, 8-63624, 8-63626, 8-67505
- Slovianskikh, V.K.** see Meskhishvili, A.I. 8-68148
- Slowak, R.,** Voigt, C., Hempel, K.A. Anisotropic magnetization and susceptibility of $Ba_2Zn_2Fe_{12}O_{22}$ (Zn_2Y) 8-84411
- Sluchak, B.J.** see But, D.A. 8-51249
- Sluckin, T.J.** Direct electronic contribution to the Kapitza conductance 8-95221
- Sluet, V.I.** see Spivak, G.V. 8-95985
- Sluijs, J.C.A.** van der see van der Sluijs, J.C.A.
- Sluijs, M.J.** van der see van der Sluijs, M.J.
- Sluijter, F.W.** see Verheggen, Th.M.M. 8-86179
- Sluis, K.L.** Vander see Vander Sluis, K.L.
- Slukhovskii, O.I.** see Romanova, A.V. 8-59735
- Slusar', V.P.,** Tret'akov, V.M., Rudenko, N.S. Thermal conductivity of krypton and xenon constant density for pressure levels up to 2700 atm. The law of corresponding states 8-87426
- Slusher, R.E.** see Auston, D.H. 8-92086
- Slutskaia, M.Z.** see Roitburd, I.A. 8-76814
- Slutsker, A.I.** see Kuksenko, V.S. 8-52918
- Slutsker, B.D.** see Chizhov, A.N. 8-92862
- Slutsker, L.I.,** Utevskii, L.E., Chereiskii, Z.Yu., Perepelkin, K.E. A comparison of the supermolecular structure of wholly-aromatic and aliphatic polymer fibers 8-75570
- Slutsker, Ya.Z.** see Brizhinev, M.P. 8-75320
- Slutskii, M.I.** Effect of an electric field on heat transfer of a droplet in the spheroidal state 8-59276
- Slutskin, A.A.,** Kadigrobov, A.M. Nonlinear effects in the low-temperature static metal conductivity due to coherent magnetic break-down 8-76062
- Slutskin, A.A.,** Kadigrobov, A.M. Electrical domains in metals at low temperatures 8-91687
- Slutsky, M.S.,** George, T.F. Quantum theory of laser-stimulated desorption 8-79876
- Sluyter, M.M.** see Postlethwaite, A.W. 8-87503
- Sluyters, Th.** see Lam, C. 8-54918
- Slys', I.G.** see Fedrochenko, I.M. 8-60594
- Slysh, V.I.** see Pashchenko, M.I. 8-54068
- Slyusarev, V.A.,** Strzhemechnyi, M.A., Burakhovich, I.A. Quantum diffusion of He^3 in solid He^4 . II. Tunneling-jumping approximation 8-87844
- Slyusarev, V.A.** see Antsygina, T.N. 8-71900
- Slyusarev, V.V.** see Kessel'man, P.M. 8-63884
- Smaardyk, J.E.,** Mochel, J.M. High resolution AC calorimeter for organic liquids 8-70127
- Smadja, G.** see Clark, A.G. 8-89751, 8-89759
- Smadja, G.** see Longacre, R.S. 8-66151
- Smagin, A.G.** Measurement of ultraweak electromagnetic signals with a piezoelectric crystal 8-82032
- Smagunova, A.N.** see Pan'kova, L.M. 8-61109
- Smail, D.L.** see Eisenstadt, R. 8-64680
- Smaldone, L.R.** see Wegmann, H.M. 8-85813
- Small, A.M.,** Tyler, R.S. Additive masking effects of noise bands of different levels 8-57021
- Small, C.T.** see Blade, R.A. 8-81753
- Small, D.G.** see Jones, S.J. 8-69034
- Small, G.J.** Comment on frequency shift and transverse relaxation of optical transitions in organic solids 8-84599
- Small, G.J.** see Robinette, S.L. 8-72088
- Small, M.B.,** Ghez, R. Conditions for constant growth rate by LPE from a cooling, static solution 8-56051
- Small, M.B.** see Monemar, B. 8-74911
- Small, R.D.** Symmetry and higher order cuspid catastrophes 8-62079
- Small, R.D.** see Weihs, D. 8-94520
- Smallcombe, S.H.** see Roe, D.C. 8-89512
- Smalley, H.F.** see Eppler, R.A. 8-56788
- Smalley, R.E.,** Wharton, L., Levy, D.H., Chandler, D.W. Fluorescence excitation spectrum of s-tetrazine cooled in a supersonic free jet: Van der Waals complexes and isotopic species 8-55194
- Smalley, R.E.** see Kim, M.S. 8-82756
- Smallman, R.E.** see Karim, A.S.A. 8-59837
- Smallman, R.E.** see Vale, R. 8-59770
- Smallman, R.E.** see Whitehead, M.E. 8-59838
- Smallwood, J.** see d'Inverno, R.A. 8-54252, 8-54253
- Smallwood, R.H.** A wideband, isolated amplifier for biological signals 8-57089
- Smardzewski, R.R.** Chemiluminescent matrix reactions of atomic oxygen, sulfur and $O(^3P)+H_2S$ 8-61013
- Smardzewski, R.R.** see Tevault, D.E. 8-90160
- Smardzewski, R.R.** see Walker, N. 8-80737
- Smarr, L.,** York, J.W., Jr. Radiation gauge in general relativity 8-70031
- Smarr, L.,** York, J.W., Jr. Kinematical conditions in the construction of spacetime 8-70033
- Smarr, L.L.,** Press, W.H. Our elastic spacetime: black holes and gravitational waves 8-73625
- Smart, A.E.** Applications of digital correlation to the measurement of velocity by light scattering 8-57916
- Smart, D.F.** see Binder, O.H. 8-93058
- Smart, D.F.** see Dryer, M. 8-57422
- Smart, D.J.,** Humphreys, C.J. The crystal potential in electron diffraction and in band theory 8-83677
- Smart, J.H.** see Stein, T.S. 8-62916
- Smart, J.S.** The analysis of drainage network composition 8-81226
- Smart, R.F.** Selection of surfacing treatments 8-72892
- Smart, W.** see Bell, J. 8-54625, 8-93872, 8-93873
- Smart, W.** see Harris, R. 8-82242
- Smathers, D.** see Labalestier, D.C. 8-64173
- Smathers, J.B.,** Graves, R.G., Sadel, P.S., Almond, P.R., Otte, V.A., Grant, W.H. Radiation dose received by TAMVEC neutron therapy staff 8-96098
- Smathers, J.B.** see Raju, M.R. 8-85379
- Smedile, E.** see Ganzerli-Valentini, M.T. 8-69389
- Smedley, S.I.,** Angell, C.A. Highly conducting Li^+ -rich inorganic glasses 8-84000

- Smedley, S.I., Torrie, I. Transport in molten $\text{CaCl}_2 \times 5.99, 5.33\text{H}_2\text{O}$ under pressure 8-51712
- Smedley, S.I. see Robinson, W.H. 8-59519
- Smedley, S.I. see Tallon, J.L. 8-91445
- Smedskjaer, L.C. see Fluss, M.J. 8-67707
- Smeenk, R.G. see Turkenburg, W.C. 8-63916
- Smeesters-Dullenkopf, G. see Murakami, Y. 8-72801
- Smeggil, J.G., Bornstein, N.S. The effect of NaCl(g) on the oxidation of NiAl 8-95853
- Smekhov, G.D., Fotiev, V.A. Kinetics of populations of stimulated argon levels in recombination plasma 8-87436
- Smelkinson, A.E. see Herber, R.H. 8-71809
- Smellie, A.R. see Duncan, W. 8-80046
- Smeltzer, G.S. see Heck, F.M. 8-55014
- Smenkovskaya, P.T. see Minyailenko, N.A. 8-79191
- Smerd, S.F. see Melrose, D.B. 8-65579
- Smereka, T.P. see Gupalo, M.S. 8-67912
- Smet, D.J. De see De Smet, D.J.
- Smethurst, P.C. A non-destructive method of measuring layer thickness 8-77843
- Smets, A.J. see Brongersma, H.H. 8-76968
- Smettan, G. see Pleissner, K.-P. 8-53190
- Smialek, J.L. Oxide morphology and spalling model for NiAl 8-53030
- Smid, R.J. The kinetics of grain growth in thoria pellets 8-86613
- Smidoda, K., Gleiter, H. A mechanism of dislocation elimination during recrystallisation 8-51559
- Smidt, R.E., Cox, J.E., Furkert, R.J., Wells, N. Mineralogy of topsoils of Ngunguru Basin, Northland, New Zealand 8-85557
- Smigielski, J., Szczepanska, H. Interaction of rotating magnetic field with gas stabilised electric discharge in a plasma arc heater 8-71598
- Smilanski, I., Kerman, A., Levin, L.A., Erez, G. Scaling of the discharge heated copper vapor laser 8-50790
- Smilanski, I. see Tenenbaum, J. 8-66806, 8-82955
- Smilansky, U. see Bechara, M.J. 8-50209
- Smilansky, U. see Hubel, H. 8-89822
- Smilansky, U. see Kalinsky, D. 8-54783
- Smilansky, U. see Stokstad, R.G. 8-78407
- Smilga, A. see Petravicius, A. 8-84233
- Smilga, A.V. see Ioffe, B.L. 8-89696
- Smilga, A.V. see Vysotskii, M.I. 8-89717
- Smilga, V.P. see Lomonosov, V.V. 8-84337
- Smilga, V.P. see Mikaelyan, A.L. 8-92012
- Smil'gavichyus, V. see Ivanova, Z.I. 8-71151
- Smirepkin, G.N. see Zhuchko, V.E. 8-54808
- Smiri, L.D., Dung, N.-H., Pardo, M.-P. Twinning and crystal structure of $\text{Mn}_{0.75}\text{Ga}_{2.17}\text{S}_4$ 8-83798
- Smirl, A.L., Shoemaker, R.L., Hambenne, J.B., Matter, J.C. Simple laser pulse energy monitor 8-66839
- Smirl, A.L. see Bessey, J.S. 8-55403
- Smirl, A.L. see Kobe, D.H. 8-62006
- Smirnitskii, A.V. see Leksins, G.A. 8-78419, 8-82394
- Smirnitskii, V.A. see Vaisenberg, A.O. 8-78420
- Smirnov, A.A. Application of the theory of distribution of dissimilar atoms among interstices of various types in interstitial phases to the problem of isotopic ordering 8-67706
- Smirnov, A.A. see Geychenko, V.V. 8-52797
- Smirnov, A.D. On relations between hadron masses in the $\text{SU}(4)$ symmetry 8-89692
- Smirnov, A.D., Kuzmenko, N.E., Kuzakov, Yu.Ya. Franck-Condon factors and V-centroids for a $\text{D}^{2+}\text{-X}^{2+}$ system of AlO molecules 8-74642
- Smirnov, A.E. see Sangwal, K. 8-71739
- Smirnov, A.I. Fusion of two photons into one on a moving electron 8-62471
- Smirnov, A.I., Alikhashkin, Ya.I. Aeroelastic stability of a layered rod on sagging supports 8-51115
- Smirnov, A.P. Formation of Fresnel images of transparencies of unlimited size: theory 8-82920
- Smirnov, A.S., Shel', M.M., Muzhetskii, V.F. Inspection of ferromagnetic materials by the method of two harmonics 8-88608
- Smirnov, A.S. see Bertaux, J.L. 8-93136
- Smirnov, A.S. see Zhilinskii, A.P. 8-71446
- Smirnov, B.I. see Ryabov, A.V. 8-60015
- Smirnov, B.M. The rate constant for the conversion of atomic ions to molecular ions in the parent gases 8-64835
- Smirnov, B.M. Transformation of atomic ions to molecular ions in a natural gas 8-92457
- Smirnov, B.N. see Vyatskin, A.Ya. 8-71777, 8-91368
- Smirnov, B.P. see Vyatskin, A.Ya. 8-88387
- Smirnov, E.M. A self-similar solution for fan jets with an arbitrary degree of swirling 8-90950
- Smirnov, E.V. see Danilenko, A.F. 8-81215
- Smirnov, G.F. Approximate theory of heat transfer with boiling on surfaces covered with capillary-porous structures 8-94537
- Smirnov, G.F. see Baranenko, V.I. 8-94527
- Smirnov, G.I. see Atutov, S.N. 8-49912
- Smirnov, G.I. see Nesterikhin, Yu.E. 8-77794
- Smirnov, G.I. see Rautian, S.G. 8-50488
- Smirnov, G.V. see Bukatov, A.E. 8-81196
- Smirnov, G.V. see van Burck, U. 8-60361
- Smirnov, I.A. see Bzhhalava, T.A. 8-52040
- Smirnov, I.A. see Dzhabbarov, I. 8-87748
- Smirnov, I.A. see Gulubkov, A.V. 8-91334
- Smirnov, I.A. see Mal'kova, A.A. 8-60164
- Smirnov, I.A. see Ryabov, A.V. 8-60015
- Smirnov, I.A. see Zhukova, T.B. 8-91618
- Smirnov, L.A. Differential equations describing total external reflection of X-rays 8-71625
- Smirnov, L.I. see Katal'nikova, I.N. 8-79819
- Smirnov, L.S. see Dvurechensky, A.V. 8-87696
- Smirnov, L.S. see Romanov, S.I. 8-67757
- Smirnov, L.V. see Volkov, V.V. 8-68678
- Smirnov, M.A., Komberg, B.V. Ring-like structures in normal galaxies 8-93424
- Smirnov, M.A. see Levit, V.I. 8-76657
- Smirnov, M.A. see Shteinberg, M.M. 8-52839, 8-52854
- Smirnov, M.G. see Basov, N.G. 8-90458
- Smirnov, M.S. see Yefremova, I.S. 8-51042
- Smirnov, M.V. Pseudorelief image on CRT screen 8-93674
- Smirnov, M.V., Loshagin, A.V., Khaimenov, A.P. Registration of absorption spectra of fused salts with an SFD-2 spectrophotometer 8-86353
- Smirnov, N.I. see Bondarenko, N.L. 8-56862
- Smirnov, N.N. see Vol'nin, E.N. 8-74370
- Smirnov, N.V. see Kusaev, Yu.I. 8-52664
- Smirnov, O.P. see Gromov, Yu.V. 8-70603
- Smirnov, P.S. see Gavrilova, N.D. 8-91448
- Smirnov, R.E., Garshin, P.A., Tupichenkov, A.A. Determining deformation section in flow of constricting devices 8-75206
- Smirnov, S.A. see Nosov, G.I. 8-86300
- Smirnov, S.N. see Kidin, I.N. 8-56823
- Smirnov, V. see Gross, D. 8-70410
- Smirnov, V.A., Rossinskii, B.A. Organized vertical velocities in the middle troposphere and their correlation with clouds 8-92939
- Smirnov, V.A. see Basiladze, S.G. 8-78602
- Smirnov, V.B. see Bagaev, S.A. 8-70807, 8-70942
- Smirnov, V.B. see Oginets, O.V. 8-50501
- Smirnov, V.I. see Drozdov, Yu.N. 8-87308
- Smirnov, V.I. see Shepurev, E.I. 8-90466
- Smirnov, V.L. see Bykovskii, Yu.A. 8-50741, 8-50948
- Smirnov, V.M. see Galkin, A.A. 8-52246
- Smirnov, V.M. see Vinogradova, O.A. 8-87461
- Smirnov, V.N. see Raikham, B.A. 8-68582
- Smirnov, V.N. see Zaslono, I.S. 8-76845
- Smirnov, V.P. see Baranchikov, E.I. 8-87455
- Smirnov, V.P. see Morozov, E.M. 8-95565
- Smirnov, V.V., Korkin, I.V. Controlling the process of levitation melting 8-80531
- Smirnov, V.V., Tsygir, O.D., Yakovitskii, S.P. Transition probabilities of certain spectral lines of iodine I 8-82676
- Smirnov, V.V. see Savchenko, A.V. 8-59063
- Smirnov, V.V. see Stepanov, N.F. 8-58763
- Smirnov, Yu.F., Obukhovskii, I.T., Neudachin, V.G., Tamagaki, R. Spectroscopy of the deuteron as a 6-quark system 8-50015
- Smirnov, Yu.F. see Khyr, V.A. 8-62512
- Smirnov, Yu.F. see Knyr, V.A. 8-50106, 8-86469
- Smirnov, Yu.I. see Baranov, D.S. 8-62390
- Smirnov, Yu.M. see Borozdin, V.S. 8-50650
- Smirnova, A.A. see Semenovskaya, S.V. 8-95048
- Smirnova, E.I. see Vidro, G.I. 8-60525
- Smirnova, E.N. see Krupin, A.V. 8-52717
- Smirnova, G.F. see Bodnar, I.V. 8-52498
- Smirnova, I.N. see Tabak, M. 8-64930
- Smirnova, L.N. see Dombeck, T. 8-82255
- Smirnova, M.M. see Kiparisov, S.S. 8-60607
- Smirnova, N.L. see Zvezdinskaya, L.V. 8-95010
- Smirnova, N.N. see Romanov, V.A. 8-83472
- Smirnovskaya, E.M., Perekalina, T.M., Cherkezyan, S.A. Spin reorientation in type W hexagonal cobalt ferrite 8-60301
- Smirnov, W.G. see Komorowski, Z. 8-84875
- Smit, H.C. see Walg, H.L. 8-64896
- Smit, J. On the signs of the elasto-optic coefficients 8-64346
- Smit, J. Magnetism in Hume-Rothery alloys 8-95417
- Smit, J., Berger, L. Account of scattering-independent contributions to the hall conductivity in ferromagnets [including a reply] 8-51957
- Smit, J.A.M. see Hoogervorst, C.J.P. 8-73085, 8-92507, 8-92508
- Smit, T.J.M., Nieuwpoort, W.C., Haas, C. The [electronic structure] of $[\text{CuCl}]$: an 'ab initio' Hartree-Fock SCF-MO study of the $[\text{CuCl}_4]^{3-}$ cluster 8-95262
- Smit, W.M.A., Van Straten, A.J., Visser, T. Measurement and interpretation of the integrated infrared intensities of C_2H_2 and C_2D_2 8-66551
- Smith, A. see Bailey, T.A. 8-93108
- Smith, A. see Boksenger, A. 8-96540
- Smith, A. see Fletcher, S. 8-68634, 8-76867
- Smith, A. see Rosen, I. 8-53506
- Smith, A.B. see Burilla, C.T. 8-64232
- Smith, A.B. see Kestigian, M. 8-68323
- Smith, A.B. see Whalen, J.F. 8-58278
- Smith, A.C., Jr., Swannack, C.E., Fleischmann, H.H., Schrandt, R.G., Thompson, W.L. Energy measurements of fast-pulsed near-relativistic electron beams using bremsstrahlung absorption spectroscopy 8-49940
- Smith, A.C.H. see Brook, E. 8-86956
- Smith, A.G. see Thiemann, J.R. 8-89113
- Smith, A.J., Read, F.H. Measured lifetimes of the $\text{A } ^2\Sigma^+$, $\text{D } ^2\Sigma^+$ and $\text{C } ^2\Pi$ states of NO 8-90219
- Smith, A.J. see Whiston, C.D. 8-59787
- Smith, A.L. see Rendall, H.M. 8-76136
- Smith, A.L.S., Norris, B. Limiting processes in sealed photoionisation TEA CO_2 lasers 8-82946
- Smith, A.L.S. see Shields, H. 8-55335
- Smith, A.M., Wood, B.E., Fletcher, L.S. Bidirectional reflectance of H_2O cryofilms on specular and diffusing surfaces 8-88274
- Smith, A.M. see Roux, J.A. 8-71269
- Smith, A.R. see Hewitt, J.E. 8-53538
- Smith, A.T., Jeffreys, D.A. Evoked potential evidence of adaptation to spatial Fourier components in human vision 8-69051
- Smith, A.T., Jeffreys, D.A. Size and orientation specificity of transient visual evoked potentials in man 8-69056
- Smith, A.Y., Addington, J.D. An interactive lake survey program 8-81257
- Smith, B.A. see Dollfus, A. 8-53848
- Smith, B.E. Aspects of solar technology [for teachers] 8-86092
- Smith, B.L. see Kitching, J.E. 8-74383
- Smith, B.M., Hoffer, B.J. A gated, high voltage iontophoresis system with accurate current monitoring 8-69259
- Smith, B.S., Wigmore, J.K., Meredith, D.J. Phonon spectroscopy of $\text{Al}_2\text{O}_3\text{:Fe}^{2+}$ using superconducting tunnel junctions 8-91389
- Smith, C.A. see Beveridge, J.L. 8-62446
- Smith, C.C., Burgess, D.D. Experimental studies of Stark broadening for He II 304, 1215 and 1640 Å 8-66506
- Smith, C.C., Peacock, N.J. Electron density measurements using the Stark-broadened line wings of hydrogenic ions in laser-produced plasmas 8-79462
- Smith, C.C. see Mansfield, M.W.D. 8-50493
- Smith, C.F. Instrumental neutron activation analyses for the NURE hydrogeochemical reconnaissance survey 8-85741
- Smith, C.G., Muller, R.H. Interpretation of ellipsometer observations of anodic films 8-56902
- Smith, C.H. Llewellyn see Llewellyn Smith, C.H.
- Smith, C.J. see Weston, W.F. 8-82675
- Smith, C.L., Rosman, K.J.R., De Laeter, J.R. The isotopic composition of tellurium 8-82856
- Smith, C.L. see Stansfield, O.M. 8-86622
- Smith, C.M. see Mathis, M.V. 8-94063
- Smith, C.M. see Sides, W.H., Jr. 8-94106
- Smith, C.R. see Lux, R.L. 8-57111
- Smith, C.R., Jr. see Mauck, G.W. 8-80834
- Smith, C.W. Physical units for modelling energy-monetary systems 8-54144
- Smith, C.W., Peters, W.H., Jolles, M. Stress intensifiers for nozzle cracks in reactor vessels 8-70583
- Smith, C.W. see Shaya, S.Y. 8-61136, 8-61237
- Smith, D. Hindered rotational energy levels of a linear ion in octahedral and tetrahedral crystalline fields 8-59767
- Smith, D. Improved correction formulae for coincidence counting 8-70717
- Smith, D., Adams, N.G., Miller, T.M. A laboratory study of the reactions of N^+ , N_2^+ , N_3^+ , N_4^+ , O^+ , O_2^+ , and NO^+ ions with several molecules at 300K 8-81305
- Smith, D. see Bursey, J.T. 8-80799
- Smith, D. see Glosik, J. 8-92443
- Smith, D.A. see Pond, R.C. 8-60795, 8-95058
- Smith, D.B., Cuaser, D.A., Crippin, D.D. A cerebral blood flow computer for use in the angiogram theatre 8-73227
- Smith, D.B. see Albrow, M.G. 8-58214
- Smith, D.C. see Pepper, R.L. 8-80882, 8-85314
- Smith, D.D. see Holcombe, C.E., Jr. 8-63869
- Smith, D.E. see Bond, A.M. 8-61118
- Smith, D.E. see O'Halloran, R.J. 8-92544
- Smith, D.H. see Christie, W.H. 8-76942
- Smith, D.H. see Gentry, R.V. 8-81157
- Smith, D.H. see Varkony, T.H. 8-92477
- Smith, D.K. see McCarthy, G.J. 8-54853
- Smith, D.L. Physical sputtering model for fusion reactor first-wall materials 8-80445
- Smith, D.L. Physical sputtering model for fusion reactor first-wall materials 8-82514
- Smith, D.L., Charak, I. Thermal responses of Tokamak reactor first walls during cyclic plasma burns 8-62651
- Smith, D.L. see Chen, M. 8-88353

- Smith, D.L.** see Elliott, K.R. 8-56507, 8-88359
- Smith, D.L.** see Lyon, S.A. 8-56517, 8-72078
- Smith, D.L.** see McGilvery, D.C. 8-66611, 8-66612
- Smith, D.L.** see Mattas, R.F. 8-62605, 8-82513
- Smith, D.J.L.** see Pan, D.S. 8-67950, 8-67951
- Smith, D.R.** see Ashworth, T. 8-54379
- Smith, D.S.** EPA activities in radioactive waste management 8-94115
- Smith, D.Y., Shiles, E.** Finite-energy f-sum rules for valence electrons 8-88276
- Smith, E.** Flow localization and the fracture toughness of high strength materials 8-60764
- Smith, E.** Survey of recent work on the effect of the atomic structure's discreteness on cleavage crack extension in brittle materials 8-79281
- Smith, E.** Plane strain crack growth in a ductile material, with particular reference to A533B pressure vessel steel 8-80621
- Smith, E.** see Shapiro, M.B. 8-73290
- Smith, E.F.** see Conaway, J.E. 8-88665
- Smith, E.I., Stupak, W.A.** A FORTRAN IV program for the classification of volcanic rocks using the Irvine and Baragar classification scheme 8-57203
- Smith, E.J.** see Frandsen, A.M.A. 8-85795
- Smith, E.J.** see Gurnett, D.A. 8-85802
- Smith, E.J.** see Scarf, F.L. 8-85794
- Smith, E.K.** Temperate zone sporadic-E maps ($f_oE_p > 7$ MHz) 8-73579
- Smith, E.M.** Storage of electrical energy using supercritical liquid air 8-74006
- Smith, E.R.** see Horacek, B.M. 8-81033
- Smith, E.R.** see Perram, J.W. 8-62144
- Smith, E.W., Giraud, M.** Calculations of rotational linewidths in HCl perturbed by argon 8-66602
- Smith, E.W.** see Stock, M. 8-70864
- Smith, F.A., Jr.** Biomechanics using a crane boom 8-81759
- Smith, F.G., Disney, M.J., Hartley, K.F., Jones, D.H.P., King, D.J., Wellgate, G.B., Manchester, R.N., Lyne, A.G., Goss, W.M., Wallace, P.T., Peterson, B.A., Murdin, P.G., Danziger, I.J.** Resolution of the peak of the Crab pulsar optical pulse 8-93292
- Smith, F.G.** see Manchester, R.N. 8-77569
- Smith, F.G.** see White, K.O. 8-92973
- Smith, F.H., Work, R.N.** Angular correlations in [linear copolymers] from the [compositional dependence] of their [dipole moments]. V. Solvent-polymer interactions 8-70982
- Smith, F.T.** see Hickman, A.P. 8-58848
- Smith, F.T.** see Miller, W.H. 8-58825
- Smith, F.T.** see Mukherjee, D. 8-58826
- Smith, F.T.** see O'Mahoney, R. 8-59414
- Smith, F.W., Liu, J.C.** Approach to saturation of the magnetization of dilute AuFe alloys 8-56293
- Smith, F.W.** see Guha, A. 8-88074
- Smith, F.W.** see Kullgren, T.E. 8-90796
- Smith, F.W.** see Mostafavi, H. 8-71039, 8-71040
- Smith, F.W.** see Parker, D.W. 8-51008
- Smith, G.** Ion beam thinning penetration switch 8-70228
- Smith, G., Vance, E.R., Hasan, Z., Edgar, A., Runciman, W.A.** A charge transfer mechanism for the colour of rose quartz 8-52537
- Smith, G.** see Lewis, M.H. 8-72879
- Smith, G.A.** see Baubillier, M. 8-93877
- Smith, G.A.** see Bust, C.P. 8-93909
- Smith, G.A.** see Llauro, J.G. 8-65114
- Smith, G.A.** see Whitmore, J. 8-74289
- Smith, G.C.** see Mathieson, E. 8-50434
- Smith, G.D.W.** see Porter, D.A. 8-84897
- Smith, G.E., PUNCHARD, W.F.B.** TFR toroidal field coil design 8-50346
- Smith, G.E.** see Johnson, H.G. 8-50383
- Smith, G.F., Kiral, E.** Anisotropic constitutive equations and Schur's lemma 8-89337
- Smith, G.K.** see Butler, J.E. 8-95912
- Smith, G.M.** Progress on NASA's 3-meter infrared telescope 8-96398
- Smith, G.P., Lee, L.C., Cosby, P.C., Peterson, J.R., Moseley, J.T.** Photodissociation and photodetachment of molecular negative ions. V. Atmospheric ions from 7000 to 8400 Å 8-66609
- Smith, G.P.** see Lee, L.C. 8-78761
- Smith, G.R., Fridovich, B., Ivancic, W., Narahari Rao, K.** Carbon furnace infrared source—some practical considerations 8-81976
- Smith, G.R., Shemansky, D.E., Broadfoot, A.L., Wallace, L.** Monte Carlo modeling of exospheric bodies: Mercury 8-96416
- Smith, G.W.** Some extended range nematic liquid crystal mixtures 8-83728
- Smith, G.W., Kaplit, M.** Phase behavior for liquid crystal mixtures having low-frequency dielectric relaxation 8-91246
- Smith, G.W.** see Fulton, R.J. 8-92804
- Smith, H.** see Stradling, G.N. 8-96096
- Smith, H.A., Jacques, J., Lugger, P.M., Deming, D., Butler, D.** Stromgren photometry of field BL Herculis stars. I. BL Herculis and XX Virginis 8-85954
- Smith, H.A., Jr., Ward, T.E., Wesick, J.** Laboratory study of the radioactivity from fission products in microscopic fallout particles 8-49596
- Smith, H.A., Jr.** see Castaneda, C.M. 8-86545
- Smith, H.A., Jr.** see Fleissner, J.G. 8-66307
- Smith, H.C.** Meteor burst data communication system 8-69608
- Smith, H.E.** see Roberts, D.H. 8-93449
- Smith, H.E.** see Spinrad, H. 8-73708
- Smith, H.I.** see Flanders, D.C. 8-63666, 8-84089
- Smith, H.J.** see Carr, S.G. 8-75540
- Smith, H.J.T.** Josephson junction resonance detection circuit 8-54406
- Smith, H.J.T.** see Blackburn, J.A. 8-68118
- Smith, H.V., Jr.** The role of the alkali metal in negative ion sputter sources 8-74526
- Smith, I.** Failure of polyhedral sandwich domes 8-59309
- Smith, I.E.M.** see Johnson, R.W. 8-57183
- Smith, I.O., Thorpe, W.R.** Comment on 'Mobile dislocations during stress relaxation in an Fe-0.056 at.% Ti alloy' by K. Okazaki, Y. Aono and M. Kagawa 8-68721
- Smith, I.O.** see Thorpe, W.R. 8-80599
- Smith, I.W.** Reflectometer for laser mirrors with accuracy better than 10^{-4} 8-87118
- Smith, I.W.** see Dorschner, T.A. 8-79064
- Smith, I.W.M.** see Petersen, A.B. 8-64857
- Smith, J., Vermaseren, J.A.M.** Electromagnetic backgrounds in neutrino-produced trimuon events 8-66107
- Smith, J.** see Albright, C.H. 8-70271, 8-74243, 8-82199
- Smith, J.** see Bennett, V. 8-59168
- Smith, J.** see Dempsey, J. 8-79077
- Smith, J.** see Tsang, K.T. 8-79431
- Smith, J.A.** see Berry, J.K. 8-81443
- Smith, J.A.** see Hall, R.M. 8-73259
- Smith, J.A.S.** see Poplett, I.J.F. 8-84497
- Smith, J.B.** see Boley, C.D. 8-77799
- Smith, J.B., Jr.** see Krall, K.R. 8-53913
- Smith, J.C.** see Veeder, G.J. 8-69725
- Smith, J.E., Jr.** see Tsang, J.C. 8-87750
- Smith, J.F.** see Eshelman, F.R. 8-72803
- Smith, J.G., Ford, W.T., Morse, R., Mann, A.K., Resvanis, L., Camerini, U., Cline, D.B., Freeman, J., Learned, J.G., Linton, J.W., March, R., Reeder, D., Seidman, K.M., Spencer, C.M., Wilkinson, C.** Measurement of anomalous muon pair production in electron-positron annihilations 8-82190
- Smith, J.G.** see White, J.C. 8-95338
- Smith, J.H.** The physics of music: Some suggestions and materials 8-49576
- Smith, J.H., Rae, A.I.M.** The structural phase change in s-triazine. I. The crystal structure of the low-temperature phase 8-55943
- Smith, J.H., Rae, A.I.M.** The structural phase change in s-triazine. II. Specific heat measurements 8-55944
- Smith, J.H., Robinson, D.W.** The OH and OD laser: collision-induced energy transfer pumping 8-74897
- Smith, J.J.** see Bransden, B.H. 8-86955
- Smith, J.K.** see Baird, D.G. 8-75524
- Smith, J.L.** see Wang, R.H. 8-68127
- Smith, J.M., Broadway, J.A., Strong, A.B.** United States population dose estimates for iodine-131 in the thyroid after the Chinese atmospheric nuclear weapons tests 8-77116
- Smith, J.M., Taulor, G.N., Mays, C.W., Atherton, D.R.** The early retention of monomeric ^{237,239}Pu(IV)-citrate in C57BL/Do and BALB/c mice 8-80983
- Smith, J.N., Jr., Meyer, C.H., Jr.** Temperature dependence of hydrogen sputtering of carbon coatings on platinum 8-95634
- Smith, J.P.** see Kirby, J.A. 8-66595
- Smith, J.R., Arlinghaus, F.J., Gay, J.G.** Surface electronic structure calculations 8-95329
- Smith, J.R.** see Ferrante, J. 8-72005
- Smith, J.R.** see Principe, J.C. 8-73278
- Smith, J.V.** see Dawson, J.B. 8-65309
- Smith, J.V.** see Schlenker, J.L. 8-51509
- Smith, K.** SUBMMW: A theoretical model to predict CW sub-millimeter wave laser performance 8-87041
- Smith, K.** see Koepf, G.A. 8-55343
- Smith, K.** see Scarr, J.M. 8-54634
- Smith, K.A., Kellert, F.G., Rundel, R.D., Dunning, F.B., Stebbings, R.F.** Discrete energy transfer in collisions of Xe(nf) Rydberg atoms with NH₃ molecules 8-58795
- Smith, K.A.** see Hildebrandt, G.F. 8-50620
- Smith, K.M.** see Armstrong, T.A. 8-89744
- Smith, K.M.** see Rulis, A.M. 8-62867
- Smith, K.P.** see Davies, B. 8-90318
- Smith, K.T., Solomon, D.C., Wagner, S.L., Hamaker, C.** Mathematical aspects of divergent beam radiography 8-96088
- Smith, L.** see Chattopadhyay, S. 8-50329
- Smith, L.F., Biermann, P., Mezger, P.G.** Star formation rates in the Galaxy 8-61919
- Smith, L.G.** see Miller, K.L. 8-96342
- Smith, L.L.** see Egan, W.G. 8-85879
- Smith, L.R.** see Hood, W.P., Jr. 8-80963
- Smith, M.A.** An anticorrelation between macro-turbulence and age in G stars near the main sequence 8-93226
- Smith, M.A., McCall, M.L.** Undulations of a B-type star: 53 Persei 8-89201
- Smith, M.A.** see Sinharoy, S. 8-56056
- Smith, M.A.H.** see Guelachvili, G. 8-74706
- Smith, M.C.** see Winter, E.M. 8-81553
- Smith, M.E.** The high-voltage test stand at Livermore 8-70632
- Smith, M.G.** Quasars: observed properties of optically-selected objects at large redshifts 8-96562
- Smith, M.G.** see Boksenberg, A. 8-93453
- Smith, M.J.A.** see Jawad, K.I. 8-75665
- Smith, M.K.** see Sharpe, W.N., Jr. 8-73967
- Smith, M.R., Bell, I.J., Krystich, M.** Electro-optical thin films for data storage and display 8-71176
- Smith, M.R., Bell, I.J., Krystich, M.** Electro-optical thin films for data storage and display 8-83047
- Smith, M.R., El-Menshaw, M.F., Jones, G.R., Barrault, M.R.** Spectroscopic measurements during the current zero period of 3 kA AC arcs 8-87526
- Smith, M.R., Walmsley, H.L., Jones, G.R.** The electrical characteristics of very high current gas blast arcs 8-87524
- Smith, N., Brunner, T.A., Driver, R.D., Pritchard, D.E.** Deconvolution of thermal averaging in scattering experiments using integral transform methods 8-92442
- Smith, N.** see Brunner, T.A. 8-90272
- Smith, N.D.** Sedimentation processes and patterns in a glacier-fed lake with low sediment input 8-88849
- Smith, N.R., Fandry, C.B.** Combined effects of wind stress and topography in a two-layer model of the Southern Ocean 8-81181
- Smith, N.V., Larsen, P.K.** Directional photoemission from two-dimensional systems 8-95674
- Smith, N.V.** see Chazalviel, J.-N. 8-95685
- Smith, N.V.** see Hussain, Z. 8-76582
- Smith, N.V.** see Larsen, P.K. 8-56041
- Smith, N.V.** see Traut, M.K. 8-56069
- Smith, N.V.** see Woodruff, D.P. 8-95659
- Smith, P., Gilman, L.B., Stevens, R.D., Vignola de Hargrave, C.** EPR study of the photoinitiated polymerization of styrene 8-80746
- Smith, P.** see Rushneck, D.R. 8-77460
- Smith, P.D.P.** A method of obtaining the rate of perihelion precession in a system of two charged masses 8-73897
- Smith, P.F.** Lepton bound states of sub-hadronic dimensions 8-54609
- Smith, P.F., Lewin, J.D.** Critical potentials, leptons, and weak currents (revised) 8-54597
- Smith, P.** Hollingsworth see Hollingsworth Smith, P.
- Smith, P.L., Kuhne, M.** Oscillator strengths of neutral titanium from hook method measurements in a furnace. I. Lines from the $a^2F_{2,3}$ and 4 levels at 0, 0.021, and 0.048 eV 8-70790
- Smith, P.L., Parkinson, W.H.** Oscillator strengths for lines of the C 'B₁-X 'A₁ band of H₂O and the abundance of H₂O in diffuse interstellar clouds 8-90104
- Smith, P.L.** see Shimabukuro, F.I. 8-57256
- Smith, P.V.** The electronic structure of dilute transitional impurities in transition and noble metal hosts 8-75990
- Smith, P.V.** see Sholl, C.A. 8-51929
- Smith, P.W., Kaminow, I.P., Maloney, P.J., Stulz, L.W.** Integrated bistable optical devices 8-75001
- Smith, P.W., Turner, E.H., Mumford, B.B.** Non-linear electro-optic Fabry-Perot devices using reflected-light feedback 8-55457
- Smith, P.W.** see Cross, P.S. 8-83116
- Smith, R.** see Amos, K. 8-54753, 8-82300
- Smith, R.** see Lewis, D.G. 8-54484
- Smith, R.** see Morrison, I. 8-70452
- Smith, R.A.** Non-uniqueness of the inverse gravity problem for infinite polygonal cylinders 8-53607
- Smith, R.A.** Engineering design solutions of flux swing with structural requirements for ohmic heating solenoids 8-54893
- Smith, R.A.** Excitation of transitions between atomic or molecular energy levels by monochromatic laser radiation. II. Excitation under conditions of strictly inhomogeneous line broadening and mixed homogeneous and inhomogeneous broadening 8-55147
- Smith, R.A.** Excitation of transitions between atomic or molecular energy levels by monochromatic laser radiation. I. Excitation under conditions of strictly homogeneous line broadening 8-58629
- Smith, R.A.** Fracture mechanics of tidal flexure cracks in floating ice shelves 8-69368

- Smith, R.A.**, Goertz, C.K. On the modulation of the Jovian decametric radiation by Io. I. Acceleration of charged particles 8-89110
- Smith, R.A.**, Miller, K.J. Prediction of fatigue regimes in notched components 8-83329
- Smith, R.A.** see Norman, C.A. 8-85920
- Smith, R.C.** General physics and the automobile tire [for teachers] 8-81751
- Smith, R.D.** A mass spectrometric study of the thermal pyrolysis of S_2N_4 8-60994
- Smith, R.D.**, Parish, T.A. Structure activation in an experimental power reactor 8-74476
- Smith, R.D.**, Ryan, P.W. Chemical ionization mass spectrometry as a tool for the elimination of surface related phenomena in the spectra of unstable compounds 8-61074
- Smith, R.D.** see Campbell, J.A. 8-68943
- Smith, R.E.** see Hung, R.J. 8-73448, 8-85753
- Smith, R.E.** see Kurtz, L.A. 8-79291
- Smith, R.E.** see Prieve, D.C. 8-64763
- Smith, R.F.** see King, J.E. 8-60812
- Smith, R.F.** see Taplin, D.M.R. 8-60729
- Smith, R.G.** High quality surfaces on difficult specimens 8-60935
- Smith, R.J.**, Lapeyre, G.J., Anderson, J., Williams, G.P. Polarisation-dependent angle-resolved photoemission for band structure studies 8-95678
- Smith, R.J.** see Anderson, J. 8-56566
- Smith, R.J.** see Williams, G.P. 8-91742
- Smith, R.L.**, Corner, W.D., Tanner, B.K., Jordan, R.G., Jones, D.W. The magnetocrystalline anisotropy of high-quality single-crystal gadolinium 8-84413
- Smith, R.L.** see Chamberlain, G.E. 8-54372
- Smith, R.L.** see Halpern, D. 8-57214
- Smith, R.M.** Some applications of GC/MS in the forensic laboratory 8-92556
- Smith, R.P.** see Kustom, R.L. 8-55031
- Smith, R.P.** see Turner, L.R. 8-50372
- Smith, R.R.** see Burrell, C.F. 8-54933
- Smith, R.T.** see Olsen, G.H. 8-95345
- Smith, R.T.** see Weitzel, C.E. 8-75956
- Smith, R.W.** Intensity modulation produced by crossed electric and magnetic field electron image deflection systems 8-89592
- Smith, R.W.** Multilayer mirrors with high reflectivity at fundamental, second-harmonic and third-harmonic laser wavelengths 8-90490
- Smith, R.W.** Phase shifts and aberrations introduced by metallic thin-film apodising and attenuating filters 8-90514
- Smith, R.W.**, Wotring, A.W., Johnson, L.H., Morgan, L.W. High-precision process chromatograph 8-53283
- Smith, R.W.** see Barnett, M.E. 8-90384
- Smith, R.W.** see Sahoo, M. 8-68730
- Smith, R.W.** see Siddiqui, I.M. 8-90401
- Smith, S.A.** see Duckett, R.A. 8-52898
- Smith, S.D.** see Burdett, J.K. 8-92492
- Smith, S.E.** see Cottrell, M.J. 8-85955
- Smith, S.H.** see Hill, R.W. 8-52298
- Smith, S.J.** see Hogan, P.B. 8-70808
- Smith, S.J.** see Khayrallah, G.A. 8-94325
- Smith, S.P.**, Huneke, J.C., Wasserburg, G.J. Neon in gas-rich samples of the carbonaceous chondrites Mokoia, Murchison, and Cold Bokkeveld 8-65559
- Smith, S.R.** see Oliver, W.P. 8-89857
- Smith, S.R.** see Rockower, E.B. 8-58964
- Smith, S.R.P.**, Tanner, B.K. γ -ray diffractometry of lattice distortions in $TbVO_4$ caused by the Jahn-Teller phase transition 8-91205
- Smith, S.V.** Coral-reef area and the contributions of reefs to processes and resources of the world's oceans 8-57220
- Smith, S.W.**, Lopez, H., Stewart, H.F. Methods and results of dynamic range testing of diagnostic ultrasound instrumentation 8-69169
- Smith, T.**, Kaelble, D.H., Hamermesh, C.L. Mechanism of plasma polymerization: the effect of substrate and substrate topography 8-88633
- Smith, T.**, Lindberg, G. Effect of acoustic energy on contact angle measurements 8-95207
- Smith, T.**, Lindberg, G. Surface properties of nickel after each step of the activation process for nickel plating 8-95243
- Smith, T.** see Dietrich, F. 8-75647
- Smith, T.B.** see Husar, R.B. 8-61542
- Smith, T.E.**, Dearstone, R.L., Goranson, P.L. Engineering features of ISX-B 8-54881
- Smith, T.E.** see Sinha, A.K. 8-56584, 8-63958, 8-68103, 8-76151
- Smith, T.F.**, Clausen, C.W. Radiative and convective transfer for tube flow of a real gas 8-94576
- Smith, T.F.** see Bristow, G.K. 8-95305
- Smith, T.F.** see Clark, M.J. 8-84340
- Smith, T.F.** see Simpson, M.A. 8-80094
- Smith, T.F.** see White, G.K. 8-83977
- Smith, T.G., Jr.** see Resnik, J.A. 8-92763
- Smith, T.I.** see Deacon, D.A.G. 8-82940, 8-90406
- Smith, T.L.** Molecular aspects of rubber elasticity 8-84886
- Smith, T.L.**, Anthony, P.J., Anderson, A.C. Effect of neutron irradiation on the density of low-energy excitations in vitreous silica 8-83851
- Smith, T.N.** see Chen, J.L.S. 8-90636
- Smith, V.H., Jr.**, Absar, I. Basic concepts of quantum chemistry for electron density studies 8-70731
- Smith, V.H., Jr.**, Petelenz, P. Effective electron-hole interaction potentials and the binding energies of exciton-ionized-donor complexes 8-67949
- Smith, V.H., Jr.**, Price, P.F., Absar, I. Representations of the electron density and its topographical features. [Crystallography] 8-71637
- Smith, V.H., Jr.** see Foti, A.E. 8-74784
- Smith, V.H., Jr.** see Janis, W.J. 8-62857
- Smith, W.** see Angress, J.F. 8-76474
- Smith, W.** see Cunningham, R.A. 8-94162
- Smith, W.** see Vidal, R. 8-89877
- Smith, W.A.** see Loiacono, G.M. 8-63863
- Smith, W.B.**, Felix, L.G., Hussey, D.H., Pontius, D.H., Sparks, L.E. Experimental investigations of fine particle charging by unipolar ions—a review 8-88658
- Smith, W.H.** Radiative lifetimes for selected astrophysically important resonance transitions of F I, Si II, S I, II, III, P II, and CO 8-62767
- Smith, W.H.**, Cruikshank, D.P. Search for HD in Jupiter and Saturn 8-85892
- Smith, W.H.** see Atherton, P.D. 8-61909
- Smith, W.H.** see Macy, W., Jr. 8-53871, 8-57495
- Smith, Wm.H.** see King, R.A. 8-86875
- Smith, W.L.** see Liu, P. 8-83037
- Smith, W.L.** see Weber, M.J. 8-50866
- Smith, W.** see Lee, R.E. 8-57176
- Smith, W.M.**, Ideker, R.E., Kinicki, R.E., Harrison, L.A., Wallace, A.G., Gallagher, J.J. A computer system for the on-line study of ventricular arrhythmias 8-81060
- Smith, W.M.**, Starmer, C.F. Error propagation in quantitative biplane cineoentgenography 8-73224
- Smith, W.R.**, Henderson, D. Some corrected integral equations and their results for the square-well fluid 8-79511
- Smith, W.R.** see Madden, W.G. 8-59727
- Smith, W.S.** see Chou, C.C. 8-53703
- Smith-Kintner, J.** see Cohen, I. 8-66123
- Smither, R.H.** see Khoo, T.L. 8-89778
- Smithgall, D.K.**, Watkins, L.S., Frazee, R.E., Jr. An optical fiber diameter measurement system using forward scattered light 8-62176
- Smits, A.J.**, Perry, A.E., Hoffmann, P.H. The response to temperature fluctuations of a constant-current hot-wire anemometer 8-94860
- Smits, R.M.M.**, Prins, M. Measurement of the radial electron temperature profile in a medium pressure neon discharge with the aid of the electron-atom bremsstrahlung continuum 8-67497
- Smits, R.M.M.** see Prins, M. 8-58620
- Smitt, R.** see Edlen, B. 8-77537
- Smoes, S.** see Drowart, J. 8-80780
- Smogalev, I.P.** see Kirillov, P.L. 8-87384, 8-94805
- Smokotin, E.M.** see Kapitonov, A.M. 8-84263
- Smokovodina, G.S.**, Shekoyan, M.G., Shakhparonyan, V.V. Using a solar high-temperature installation to synthesize polyaluminates of alkali metals 8-84746
- Smolarek, J.** see Lehmann, K.K. 8-90233
- Smolders, C.A.** see Van Der Scheer, A. 8-85359
- Smolen, F.** The work of the Institute of Meteorology and Climatology of the Slovak Academy of Sciences between 1964 and 1974 8-88920
- Smolenskii, G.A.**, Krainik, N.N., Kamzina, L.S., Trepakov, V.A. Electrooptic and photoinduced effects in ferroelectrics with a diffused phase transition 8-95560
- Smolenskii, G.A.**, Popov, S.N., Krainik, N.N., Laikhtman, B.D. Phonon electroacoustic echo in piezoelectrics and ferroelectrics and its possible applications 8-95549
- Smolenskii, G.A.**, Popov, S.N., Krainik, N.N., Tarakanov, E.A., Kuz'min, I.A. Storage of phonon electroacoustic echo signals in piezoelectric powders 8-68055
- Smolenskii, G.A.**, Prokhorova, S.D., Sini, I.G., Chernyshova, E.O. Brillouin scattering in ferroelectrics with a diffuse phase transition 8-76401
- Smolenskii, G.A.** see Kamzin, A.S. 8-60299
- Smolentsev, I.V.** see Blinov, V.V. 8-71076
- Smolentsev, V.I.** see Kudryashov, V.G. 8-84990
- Smolik, J.** Interference effects of seismic waves in thin layers 8-92780
- Smolin, M.D.** see Kalinovich, D.F. 8-76044
- Smolin, V.N.**, Polyakov, V.K. Coolant boiling crisis in rod assemblies 8-94087
- Smolin, YU.I.**, Shepelev, Yu.F., Domanskii, A.I., Belov, N.V. Crystal structure of scandium metaphosphate $Sc(PO_3)_3$ 8-95043
- Smolin, Yu.Z.** see Dorin, V.A. 8-86317
- Smolina, T.V.** see Faitel'son, A.Sh. 8-53611
- Smolinska, B.**, Kalestynski, A. Autoidol of quasi-periodic optical objects 8-50711
- Smolinska, B.** see Kalestynski, A. 8-66776
- Smolinski, A.** Progress in domain of optical fiber communications 8-87152
- Smolinski, J.** see Higgs, L.A. 8-81701
- Smolka, F.M.** see Caudell, T.P. 8-66888
- Smolovich, A.M.** see Serov, O.B. 8-78968
- Smol'skii, B.M.**, Novikov, P.A., Eremenko, V.A. Heat and mass transfer in the flow of condensable rarefied gases through porous materials 8-59473
- Smoluchowski, R.** Width of a planetary ring system and the C-ring of Saturn 8-81574
- Smolya, A.V.** see Klimov, I.I. 8-71222
- Smolyak, E.L.** see Gorbachev, S.F. 8-74075
- Smolyakov, B.S.**, Velichko, V.N. Automatic potentiometric monitoring of industrial wastewater 8-56932
- Smol'yaninov, L.V.** see Volkov, V.A. 8-54411
- Smolyaninov, V.V.** see Bliokh, Zh.L. 8-53352, 8-64955, 8-69006
- Smolyanitskaya, Ya.A.**, Sazonov, E.K. Deformation and fracture regions in microzones of grey cast iron under load 8-80585
- Smolyanskii, A.L.** see Kuznetsov, N.A. 8-71666
- Smolyanskii, S.A.** see Prozorkevich, A.V. 8-54299
- Smolyar, A.N.** see Peka, G.P. 8-56238
- Smolyar, T.Y.** see Volkova, G.A. 8-83518
- Smoot, G.F.** see Gorenstein, M.V. 8-61735
- Smorodin, A.I.** see Orlov, V.K. 8-59941
- Smorodinskii, Ya.A.** see Lyuboshits, V.L. 8-77770
- Smorodinskii, Ya.G.** see Vlasov, K.B. 8-68342, 8-88154
- Smorto, M.** see Sforza, P.M. 8-63433
- Smotrakov, V.G.** see Raevskii, I.P. 8-92029
- Smotryaev, V.A.** see Asratyan, A.E. 8-62389
- Smriglio, F.** see Buonanno, R. 8-69849
- Smrz, P.K.** see O'Connor, M.P. 8-57824
- Smugeresky, J.E.**, German, R.M. Microstructure and properties of hot isostatically pressed A-286 8-52979
- Smugeresky, J.E.** see German, R.M. 8-52925
- Smugeresky, J.E.** see Heiple, C.R. 8-72824
- Smullin, L.D.** see Bromberg, L. 8-54914
- Smurova, N.A.** see Sharlai, S.F. 8-55402
- Smurugov, V.A.** see Belyi, V.A. 8-56781
- Smushkovich, B.L.** Broadening capabilities of tests on an SMTs-2 machine [friction machine] 8-60919
- Smutny, F.** see Holakovskiy, J. 8-79764
- Smutny, F.** see Konak, C. 8-71852
- Smy, P.R.**, Topham, D. Boundary layer cooling of atmospheric arcs 8-87545
- Smyth, D.M.** see Eror, N.G. 8-51989
- Smyth, J.R.** see McGetchin, T.R. 8-65532
- Smyth, K.C.**, Keller, R.A., Crim, F.F. Photon-induced ionization changes in a neon discharge 8-63606
- Smyth, K.C.**, Schenck, P.K. Opto-galvanic spectroscopy of a neon discharge: mechanism studies 8-63605
- Smyth, K.C.** see Schenck, P.K. 8-95977
- Smyth, M.J.**, Nandy, K. Infrared photometry of early-type stars. I 8-53943
- Smyth, R.** Direction-sensitive simultaneous multivelocity component LDV 8-94857
- Snaddon, R.W.L.** see Poultier, R. 8-75236
- Snaith, D.W.**, Groves, P.D. Some further studies of the mechanism of cermet electrodeposition: 1. The effect of electrolyte on the charge carried by a suspended ceramic particle 8-68665
- Snaith, J.W.** see Lockhart, N.C. 8-93725
- Snajder, J.** see Bohm, J. 8-80948
- Snajder, J.** see Diallo, B. 8-80947
- Snare, R.C.** see McPherron, R.L. 8-53741
- Snarskii, A.A.** Thermo-emf of anisotropic thermoelements. I. Rectangular elements 8-56172
- Snead, C.L.** see Ghosh, A.K. 8-52122
- Snead, C.L., Jr.** Low-temperature 30 GeV-proton effects on critical properties of type-II superconducting filamentary conductors 8-52178
- Sneddon, L.** Critical properties of two-dimensional spin s Ising systems with lattice anisotropy 8-73932
- Snedden, C.**, Gehrz, R.D., Hackwell, J.A., York, D.G., Snow, T.P. Infrared colors and the diffuse interstellar bands 8-93198
- Snedden, C.**, Lambert, D.L., Tomkin, J., Peterson, R.C. Light-element abundances in the weak G-band star HR 6766 8-57548
- Snegirev, S.D.** see Bystrov, M.V. 8-69291
- Snegirev, S.D.** see Kobrin, M.M. 8-93194
- Snelson, W.K.** see Kendrick, S.H. 8-82436
- Snezhkov, E.L.** see Dubrovskii, V.S. 8-56841
- Snezhkov, V.I.**, Kirillov, S.A., Prisyazhnyi, V.D. Temperature dependence of widths of completely polarized lines in the Raman spectra 8-84578
- Sniadower, L.** see Drukier, A.K. 8-78580
- Snider, A.D.** see Kraus, A.D. 8-90635
- Snider, R.F.** A kinetic theory ansatz for correlated collisions 8-70901

- Snider, R.F.** *see* Olmsted, R.D. 8-55664
- Snijders, A.L.,** Koppius, A.M., Nieuwvelt, C., de Vries, D.A. An experimental determination of the turbulent Prandtl number in the inner boundary layer for air flow over a flat plate 8-94715
- Snijders, M.A.J.** *see* Boggess, A. 8-96382, 8-96383
- Snijders, M.A.J.** *see* Boksenberg, A. 8-96540
- Snijders, M.A.J.** *see* Grewing, M. 8-96524
- Snipes, E.B.** *see* Fiedler, M.-L. 8-92241
- Snipes, W.** *see* Keith, A.D. 8-69005
- Snitko, O.V.** *see* Antoshchuk, V.V. 8-56206
- Snitko, O.V.** *see* Pasechnik, Yu.A. 8-52579
- Snitko, O.V.** *see* Tyagai, V.A. 8-68479
- Snitko, O.V.** *see* Venger, E.F. 8-55288
- Snitkovskii, A.I.** *see* Petrosyants, M.A. 8-92948
- Snoeck, B.** *see* Donders, J.J.H. 8-81029
- Snoek, C.W.** *see* Emmerson, G.S. 8-87784
- Snook, I.K.,** Henderson, D. Monte Carlo study of a hard-sphere fluid near a hard wall 8-55795
- Snopko, V.N.** *see* Dlugunovich, V.A. 8-90433
- Snopko, V.N.** *see* Golubev, V.S. 8-60534
- Snover, K.A.,** von Lintig, R., Adelberger, E.G., Swanson, H.E., Trainor, T.A., McDonald, A.B., Earle, E.D., Barnes, C.A. Upper limit on parity mixing in ^{21}Ne 8-70443
- Snover, K.A.** *see* Osborne, J.L. 8-89870
- Snow, T.P.** *see* Sneden, C. 8-93198
- Snow, T.P., Jr.** *see* Marlborough, J.M. 8-93251
- Snow, W.L.** *see* Exton, R.J. 8-74608, 8-86909
- Snow, W.R.** *see* Corbin, R.J. 8-68884
- Snowden, P.T.** *see* Jancarik, J. 8-59682
- Snowden, W.E.,** Pask, J.A. Creep behavior of a model refractory system MgO-CaMgSiO_4 8-80601
- Snyder, A.W.,** Miller, W.H. Telephoto lens system of falconiform eyes 8-88705
- Snyder, A.W.,** Young, W.R. Modes of optical waveguides 8-63180
- Snyder, A.W.** *see* Harosi, F. 8-56969
- Snyder, G.J.** *see* Turner, D.A. 8-73205
- Snyder, H.D.** *see* Vidal, R. 8-89877
- Snyder, H.D.** *see* Yoh, J.K. 8-82344
- Snyder, J.H.,** Auer, L.P., Bruckner, W., Chamberlain, O., Hill, D., Johnson, W., Jonckheere, A., Kline, R.V., Koehler, P.F.M., Law, M.E., Pipkin, F.M., Sandler, B., Shapiro, G., Steiner, H., Underwood, D., Yokosawa, A., Zeller, M.E. Polarization and angular distributions in elastic pp scattering at 100 and 300 GeV 8-89738
- Snyder, J.J.** Fizeau wavelength meter 8-89450
- Snyder, J.V.** *see* Pownner, D.J. 8-77135
- Snyder, L.C.,** Wasserman, Z. Molecular SCF calculations to model (111) surface relaxation of silicon 8-91522
- Snyder, L.C.,** Weber, T.A. Molecular orbital theory of the Compton profile of F_2 8-58577
- Snyder, L.C.** *see* Reed, W.A. 8-80431
- Snyder, L.E.,** Dickinson, D.F., Brown, L.W., Buhl, D. Detection of a weak maser emission pedestal associated with the SiO maser 8-93256
- Snyder, L.E.** *see* Watson, W.D. 8-65673
- Snyder, R.G.** Analysis of some two-phonon infrared absorption bands of polyethylene and the analogous binary combination bands of the triclinic n-paraffins 8-72495
- Snyder, R.G.,** Hsu, S.L., Krimm, S. Vibrational spectra in the C-H stretching region and the structure of the polymethylene chain 8-70991
- Snyder, W.A.,** Davidsen, A.F., Henry, R.C., Schulman, S., Fritz, G., Friedman, H. Soft X-ray emission from a newly discovered supernova remnant in Cygnus 8-54013
- Snyder, W.B., Jr.** *see* Vandermeer, R.A. 8-76694
- Snyderman, N.** *see* Cooper, F. 8-66071
- SO, B.Y.C.** *see* Lambert, J.D.B. 8-70588
- So, C.B.,** Moore, R.A., Wang, S. A relativistic model pseudopotential: Applied to Cs and Pb metals 8-51866
- So, C.B.** *see* Lai, S.K. 8-52204
- So, C.K.** *see* Bermon, S. 8-80101, 8-95387
- So, E.** *see* Kahn, A. 8-71912, 8-91515
- So, E.** *see* Taubenblatt, M. 8-75916
- So, R.M.C.** On vortex wind power 8-79327
- So, R.M.C.,** Mellor, G.L. Turbulent boundary layers with large streamline curvature effects 8-59382
- So, R.M.C.** *see* Dakin, J.T. 8-94747
- So, S.P.** Stability and geometry of HeNO_2 8-90075
- So-Young Pi,** Jaffe, R.L., Low, F.E. Azimuthal correlations in e^+e^- jets: A test of quantum chromodynamics 8-70382
- Soa, E.-A.** Load limits of thermal radiation receivers 8-49840
- Soa, E.-A.** Some remarks on parameters of thermal radiation detectors 8-57954
- Soa, E.-A.,** Volklein, F. The change of differential efficiency of the thermoelectricity on thin films 8-60146
- Soardo, G.P.** *see* Allia, P. 8-91917
- Soardo, G.P.** *see* Cecchetti, A. 8-91888
- Soares, C.G.** *see* Jones, N. 8-90721
- Soares, E.** *see* Panepucci, H. 8-68543
- Soares, I.** Damiao *see* Damiao Soares, I.
- Soares, J.C.** *see* Forker, M. 8-52414
- Soares, J.C.** *see* Herzog, P. 8-72442
- Soares, O.D.D.** Analysis and alignment of cyclic interferometers 8-77969
- Soares, V.A.M.** *see* Calado, J.C.G. 8-64876
- Soati, P.** Ultrasonic echo sounders. I 8-55530
- Sobagaki, H.** *see* Takahama, K. 8-92628
- Sobakar', G.T.,** Deineko, V.I. Space-time correlations between gravity quasi-periodic variations, solar activity, earthquake energy and the Earth's crustal structure 8-69275
- Sobakar', G.T.,** Dejneko, V.I. Quasi-periodic gravity variations along the Kupjansk-Novozavskovsk profile and their structural confinement 8-85465
- Sobczyk, L.** *see* Grech, E. 8-62805
- Sobczyk, L.** *see* Kolodziej, H.A. 8-77936
- Sobczyk, L.** *see* Romanowski, H. 8-90158
- Sobecka, E.** *see* Zidek, A. 8-60679
- Sobeikh, M.A.** *see* Tagirov, V.I. 8-52036, 8-76521
- Sobelev, S.I.,** Murovannaya, S.G. Electric vacuum furnaces for quenching developed in the USSR 8-84872
- Sobel'man, I.I.,** Vinogradov, A.V., Yukov, E.A. Atomic collisions and spectroscopic diagnostics of superdense plasmas 8-63538
- Sobel'man, I.I.** *see* Andreeva, T.L. 8-59027
- Sober, R.J.** *see* Spitzig, W.A. 8-64608
- Sobers, R.G.** *see* Nelson, R.J. 8-68075
- Sobeslasky, E.** Comparison of classical and Born cross sections for electron-H-collisions 8-86952
- Sobhanadri, J.** *see* Murthy, V.R.K. 8-64300
- Sobiechzky, H.** *see* Inger, G.R. 8-90933
- Sobierajski, F.** *see* Gran, R. 8-50365
- Sobieski, P.** *see* Delogne, P. 8-53674
- Sobiev, A.S.** *see* Blanter, M.E. 8-56638
- Sobina, N.A.** *see* Kheifets, L.Ya. 8-56930
- Sobinyakov, V.A.** *see* Basina, Yu.V. 8-93063
- Sobirov, O.Yu.,** Gafurov, A.M., Vil'kova, S.N., Umarov, G.Ya. Study of the physical and chemical processes in fabricating reflectors from polymer materials 8-90530
- Sobko, A.I.** *see* Bessonova, T.S. 8-72570
- Sobol', A.A.** *see* Aleksandrov, V.I. 8-88312
- Sobol', I.M.** *see* Pozdnyakov, L.A. 8-96389
- Sobol', Ya.G.** *see* Peletskii, V.E. 8-95282
- Sobolev, A.G.** *see* Klimov, I.I. 8-71222
- Sobolev, A.S.** *see* Merzlyak, M.N. 8-77016
- Sobolev, A.T.,** Kopylov, Yu.L., Kravchenko, V.B., Kucha, V.V. Dependence of the optical homogeneity of single germanosilicite crystals on the growth conditions 8-95007
- Sobolev, B.P.,** Fedorov, P.P. Phase diagrams of the $\text{CaF}_2\text{-(Y,La)}\text{F}_3$ systems. I. Experimental 8-84783
- Sobolev, D.F.,** Sidorov, V.S., Fedorov, P.P., Ikrami, D.D. Stabilisation of a structure of the rhombic $\beta\text{-YF}_3$ type in the systems $\text{CdF}_2\text{-LnF}_3$ 8-67700
- Sobolev, G.,** Spetzler, H., Salov, B. Precursors to failure in rocks while undergoing anelastic deformations 8-61405
- Sobolev, G.A.** *see* Serov, O.B. 8-78968
- Sobolev, L.M.** *see* Parfianovich, I.A. 8-92118
- Sobolev, M.D.** *see* Mal'gun, M.M. 8-73993
- Sobolev, N.N.** *see* Chisty, I.L. 8-60480, 8-72537
- Sobolev, N.N.** *see* Lotkova, E.N. 8-50762
- Sobolev, N.N.** *see* Milewski, J. 8-63053
- Sobolev, N.N.** *see* Ochkin, V.N. 8-86796
- Sobolev, V.A.** *see* Basov, N.G. 8-58978
- Sobolev, V.G.** Continuum in night airglow between 8000 and 11000 Å 8-81483
- Sobolev, V.L.** *see* Bar'yakhtar, V.G. 8-68206
- Sobolev, V.P.** *see* Savchenko, M.A. 8-56303
- Sobolev, V.V.,** Tsvetodub, O.Yu. Stability of a plane jet in a medium with relaxation 8-51211
- Soboleva, L.V.** *see* Treushnikov, E.N. 8-95035
- Soboleva, N.S.,** Berlin, A.B., Gol'nev, V.Ya., Timofeeva, G.M. Observations of radio galaxies with the RATAN-600 telescope 8-65698
- Soboleva, N.S.** *see* Berlin, A.B. 8-77527
- Soboleva, S.V.** *see* Sidorenko, O.V. 8-67696, 8-67697
- Sobolewska, B.,** Sobolewski, R. Statistical properties of three-level atom resonance fluorescence 8-78661
- Sobolewski, A.** *see* Deperasinska, I. 8-82765
- Sobolewski, R.** *see* Kotowski, T. 8-89497
- Sobolewski, R.** *see* Sobolewska, B. 8-78661
- Sobolik, V.,** Wein, O., Mitschka, P. Non-Newtonian fluid film flow on a vertical oscillating plate 8-59431
- Sobornov, O.P.** CsI(Tl) well-detectors for low-background γ spectrometry 8-86724
- Sobotka, J.** *see* Prnka, T. 8-60676
- Sobotka, L.G.,** Griffin, H.C., Kao, E.C. Isomeric transitions in ^{204}Pb 8-50122
- Sobotta, G.,** Wagner, D. Critical phenomena of random spin systems: a renormalisation group approach 8-52263
- Sobotta, H.,** Riede, V. Calculation of long-wavelength optical phonons and lattice reflection spectra of $\text{Al}_{1-x}\text{Ga}_x\text{P}$ mixed crystals 8-51626
- Sobotta, H.** *see* Riede, V. 8-64360, 8-75747
- Sobotto, H.,** Neumann, H., Muller, A., Reide, V. Infrared plasma reflection in p-type GaAs 8-52511
- Sobral, J.H.A.,** Carlson, H.C., Farley, D.T., Swartz, W.E. Nighttime dynamics of the F region near Arecibo as mapped by airglow features 8-88980
- Soche'nikov, V.V.** On the possibility of geoelectric mapping of the shelf 8-57341
- Sochilin, G.B.** *see* Kopilevich, Yu.I. 8-79134
- Sochor, V.,** Blabla, J. Optical methods of air pollution detection 8-69444
- Sochor, V.,** Blabla, J. Optical methods of detecting air pollution 8-81359
- Socino, G.** *see* Alippi, A. 8-59149, 8-79170
- sock Chang Nion** *see* Nion sock Chang
- Socolar, S.J.** *see* Loewenstein, W.R. 8-73145
- Sod, G.A.** A survey of several finite difference methods for systems of nonlinear hyperbolic conservation laws 8-49649
- Soda, H.,** McLean, A., Miller, W.A. The influence of oscillation amplitude on liquid surface tension measurements with levitated metal droplets 8-51798
- Soda, N.** *see* Iwaki, M. 8-75684
- Sodano, P.** *see* Martellini, M. 8-89657
- Sodeau, J.R.,** Lee, E.K.C. Intermediacy of hydroxymethylene (HCOH) in the low temperature matrix photochemistry of formaldehyde 8-76877
- Sodeika, A.S.** *see* Gorban, I.S. 8-84217
- Soderblom, L.A.,** Edwards, K., Eliason, E.M., Sanchez, E.M., Charette, M.P. Global color variations on the Martian surface 8-65527
- Soderblom, L.A.,** Wenner, D.B. Possible fossil H_2O liquid-ice interfaces in the Martian crust 8-65539
- Soderhjelm, S.** MR Cyg and u Her: two similar eclipsing binaries 8-61884
- Soderquist, D.R.** *see* Hall, J.W., III 8-57020
- Sodha, M.S.,** Govind, Sharma, R.P., Kaushik, S.C., Tewari, D.P. Self-focusing of electromagnetic beams in a flowing plasma: kinetic approach 8-59602
- Sodha, M.S.,** Maheshwari, K.P., Sharma, R.P., Kaushik, S.C., Krishan, V. Thomson scattering of EM pulses by random fluctuations in plasmas: Effect of self-focusing 8-83573
- Sodha, M.S.,** Patel, L.A., Sharma, R.P. Effect of nonlinear absorption on self-focusing of a laser beam in a plasma 8-79436
- Sodha, M.S.,** Sharma, J.K., Sharma, R.P., Kaushik, S.C. Temporal growth of filamentation instability in plasmas 8-51304
- Sodha, M.S.,** Sharma, J.K., Tewari, D.P., Sharma, R.P., Kaushik, S.C. Plasma wave and second harmonic generation 8-91112
- Sodha, M.S.,** Tewari, D.P., Patheja, B.L. Spatial growth of filamentation instability in a magnetoplasma 8-51311
- Sodha, M.S.,** Tripathi, V.K., Sharma, J.K. Flame loudspeakers 8-59227
- Sodha, M.S.,** Umesh, G. Third-harmonic generation by a Gaussian electromagnetic beam in a magnetoplasma 8-83572
- Soding, P.** *see* Cohen, I. 8-66123
- Sodomka, L.** A diode photometer of laser radiation 8-62225
- Sodomka, L.** Adhesion of polymer films to materials 8-80709
- Sodomka, L.** Cathodoluminescence of silicon carbide 8-92130
- Soedel, W.,** Dhar, M. Difficulties in finding modes experimentally when several contribute to a resonance 8-83310
- Soedel, W.** *see* Singh, R. 8-83164
- Soeder, J.M.,** Stritzker, B. Experiments on the formation of the A15-compounds Nb-Sn and Nb-Ge by ion implantation 8-51572
- Soete, W.** An experimental approach to fracture initiation in structural steels 8-60778
- Soezima, Y.** *see* Uozato, H. 8-51138
- Soff, G.** Inner-shell ionization induced by nuclear Coulomb excitation in collisions of very heavy ions 8-94026
- Soff, G.,** Reinhardt, J., Betz, W., Rafelski, J. Systematic investigations of binding energies of inner-shell electrons in superheavy quasicolecules 8-62949
- Soff, G.** *see* Muller, B. 8-50198
- Soff, G.** *see* Reinhardt, J. 8-93833
- Soff, G.** *see* Schluter, P. 8-50135
- Soffia, W.A.** *see* Gregg, J. 8-80643
- Soffia, W.A.** *see* Prokop, G.S. 8-80173, 8-95470
- Soffia, W.A.** *see* Shilling, J.W. 8-52830
- Soffel, H.C.** Domain structure of titanomagnetites and its variation with temperature 8-65272
- Soffel, H.C.** *see* Schult, A. 8-85479

- Soffel, M.**, Heinz, U., Muller, B., Greiner, W. A self-consistent solution of the coupled Dirac-Einstein equations in the mean-field Hartree approximation [neutron star model] 8-73731
- Soffer, J.** see Bourrelly, C. 8-70341
- Sofield, C.J.**, Cowern, N.E.B., Petty, R.J., Freeman, J.M., Mason, J.P. Charge exchange effects in the energy loss straggling of ^{16}O ions in Al 8-58799
- Sofield, C.J.**, Singleton, J.F., Hotston, E.S., McCracken, G.M. Measurement of the hydrogen concentration in the walls and limiters of the DITE Tokamak 8-94136
- Sofonea, L.**, Ionescu-Pallas, N. Introduction of several fundamental constants for mechanical considerations 8-62071
- Sofron, E.**, Motoc, C., Honciuc, M., Cuculescu, I., Baciuc, I. Study on the properties of a semiconductor-liquid crystal interface 8-83723
- Sofronov, V.I.** see Kleshchevnikov, O.A. 8-64648
- Sofue, Y.** Old supernova remnants as magneto-hydrodynamic wave fronts. Formation of filamentary structure 8-81668
- Soga, F.**, Schimizu, J., Kamitsubo, H., Takahashi, N., Takimoto, K., Wada, R., Fujisawa, T., Wada, T. Study of the quasimolecular resonance in the $^{24}\text{Mg}(\alpha, ^{12}\text{C})^{16}\text{O}$ reaction 8-54775
- Soga, M.** Precessional periods of long and short Foucault pendulums 8-73794
- Soga, N.** see Ota, R. 8-79658
- Soga, T.**, Osaki, Y. Kinetic theory of one-dimensional evaporation and condensation problem 8-81932
- Soga, T.**, Osaki, Y. Effects of accommodation coefficients on evaporation and condensation 8-81933
- Sogabe, T.**, Saji, S., Hori, S. The formation of microduplex structure in a Cu-26 Ni-8 Fe alloy 8-76659
- Sogami, I.** Relativistic quantum theory of composite systems 8-70253
- Sogin, H.H.** see El-Sayed, M.M. 8-90958
- Soglasnova, V.A.** see Zabolotnyi, V.F. 8-96295
- Sogolova, T.I.**, Demina, M.I. Temperature dependence of the mechanical properties of polymers of different chemical structure in the temperature range from 4.2 to 300K 8-68746
- Soh, W.K.** see Fink, P.T. 8-71340
- Soha, J.M.** see Anderson, J.L. 8-57479
- Sohkawa, T.** Representations of the Poincare group, position operator and the bi-local model 8-93844
- Sohler, W.**, Suche, H. Second-harmonic generation in Ti-diffused LiNbO₃ optical waveguides with 25% conversion efficiency 8-94432
- Sohmura, T.**, Fujita, F.E. Mossbauer effect in hydrogenated Fe-Ni alloys 8-92002
- Sohn, H.Y.** The law of additive reaction times in fluid-solid reactions 8-53189
- Sohn, R.B.** see Haller, K. 8-66061
- Sohnel, O.**, Marecek, J. Precipitation of magnesium hydroxide 8-68615
- Sohnius, M.F.** Bianchi identities for supersymmetric gauge theories 8-62299
- Sohnius, M.F.** Supersymmetry and central charges 8-70301
- Soifer, B.T.** see Puettner, R.C. 8-93266
- Soileau, M.J.** see Decker, D.L. 8-79098
- Soininen, J.** see Merisalo, M. 8-75755
- Soitu, V.A.**, Danilevich, F.M., Golod, S.D. Sighting measuring telescope PPS-12 8-94423
- Sokachev, E.S.** see Ogievetskii, V.I. 8-89633
- Sokallo, A.I.**, Pikalev, E.M., Mit'ko, V.N. Nature of low-frequency relaxational polarization of ferroelectric materials 8-68460
- Soklic, M.** see Bohm, J. 8-80948
- Sokol, A.A.** see Palatnik, L.S. 8-75952
- Sokol, L.** Development base of uranium industry 8-50290
- Sokol, V.A.**, Rokhlenko, D.A., Kononova, L.I., Bromberg, A.V. Hot pressing of BaF₂ powders in vacuum. [Synthesis of an optical ceramic] 8-52730
- Sokole, E.B.** see Trobaugh, G.B. 8-85361
- Sokolik, I.A.** see Frankevich, E.L. 8-64062
- Sokolin, G.F.** see Ivanov, V.P. 8-92580
- Sokoll, R.** see Tiller, H.-J. 8-85201
- Sokoloff, D.R.** Energy experiments for non-science majors 8-65738
- Sokoloff, J.B.** A droplet model for ferromagnetic spin waves above T_c 8-56307
- Sokoloff, J.B.** Ionic order and defect conductivity in the one-dimensional superionic conductor hollandite 8-87815
- Sokoloff, J.B.** see Buhay, H. 8-72500, 8-79680
- Sokoloff, J.B.** see Perry, C.H. 8-75760
- Sokolov, A.A.**, Galtsov, D.V., Petukhov, V.I. Radiation emitted by relativistic particles moving in the vicinity of the Schwarzschild black hole, immersed in an external magnetic field 8-96501
- Sokolov, A.A.** see Baranov, D.S. 8-62390
- Sokolov, A.I.** Critical thermodynamics of antiferromagnets with two pairs of magnetic sublattices 8-60300
- Sokolov, A.S.** see Polak, L.S. 8-63626
- Sokolov, A.T.** Attachment to the B5-8 voltage stabiliser 8-57981
- Sokolov, B.A.**, Slavinskaya, A.A., Salii, E.I. Improving drive and investigating certain instrumental characteristics of prismatic astrolabe 8-89066
- Sokolov, E.I.**, Startsev, A.V., Uskov, V.N., Shevchuk, V.T. Limiting expansion ratio of a supersonic jet flowing onto a perpendicular infinite plane barrier 8-59439
- Sokolov, F.** see Khizhnyakov, V. 8-55180
- Sokolov, G.A.**, Mikhchev, K.G., Obnovlenskii, P.A. Fast-acting heat flowmeter for liquids 8-59523
- Sokolov, G.A.** see Kirillov, S.E. 8-91036
- Sokolov, G.L.** see Kravtsov, A.V. 8-50046
- Sokolov, I.A.**, Chermnykh, N.S., Ural'skii, V.I. Determination of the conditions of crack formation during the rolling of tubes with hexagonal bore 8-80622
- Sokolov, I.A.** see Gur'yan, Yu.A. 8-53787
- Sokolov, I.B.**, Logunova, V.A. Strength of brittle materials in nonuniform triaxial compression 8-76725
- Sokolov, K.P.** see Braude, S.Ya. 8-57471, 8-57664
- Sokolov, L.D.** see Gaiduchena, V.F. 8-56698
- Sokolov, L.D.** see Zolotov, M.A. 8-56712
- Sokolov, M.** see Kestin, J. 8-95101
- Sokolov, M.N.**, Sverdllov, L.M. Normal vibrations of phenol and its deuterated derivatives in the excited electronic state A 8-50534
- Sokolov, N.A.** see Akishov, Yu.S. 8-87511
- Sokolov, N.D.**, Sakun, V.P., Korst, N.N. Strong coupling phonon model of the AHA symmetric H-bond and the IR band shape of the A-H stretching vibration 8-64358
- Sokolov, N.V.** see Kalugin, V.D. 8-60918
- Sokolov, N.V.** see Spitsyn, V.I. 8-84941
- Sokolov, O.B.**, Grebennikov, V.I., Turov, E.A. The effect of correlation interaction of electrons with core holes for X-ray and ESCA spectra and transition metals 8-92178
- Sokolov, O.B.** see Finashkin, V.K. 8-60287
- Sokolov, O.G.** see Makogon, Yu.N. 8-95743
- Sokolov, O.I.** see Buyevich, A.V. 8-55671
- Sokolov, S.E.** see Khazanyuk, A.L. 8-57061
- Sokolov, S.S.** see Monarkha, Yu.P. 8-87832
- Sokolov, V.A.**, Fradkin, E.E. Nonlinear Zeeman effect in a ring gas laser 8-71123
- Sokolov, V.I.** see Mal'tseva, I.A. 8-84650
- Sokolov, V.I.** see Valyanskaya, T.V. 8-80146
- Sokolov, V.K.** see Basina, Yu.V. 8-93063
- Sokolov, V.K.** see Mardezhov, A.S. 8-93753
- Sokolov, V.M.** see Kantur, O.V. 8-85076
- Sokolov, V.S.**, Kosovichev, A.G. Nonlinear stage of instability due to local Joule-overheating in the solar active regions 8-61839
- Sokolov, V.V.** see Gaisanyuk, A.V. 8-84269
- Sokolov, V.V.** see Petrov, V.A. 8-91457
- Sokolov, Yu.A.**, Maksimov, B.A., Ilyukhin, V.V., Belov, N.V. Crystal structure of a new Na-Al germanate Na₈Al₂Ge₂O₂₄Co₂H₂O 8-83805
- Sokolov, Ye.I.** see Ginzburg, I.P. 8-67237
- Sokolov, Ye.N.** see Vaitkavichus, G.G. 8-96050
- Sokolov, Yu.V.** see Lovchikova, G.N. 8-54764
- Sokolov, Yu.Ya.** see Abramov, Yu.V. 8-78560
- Sokolova, E.B.** see Nagaev, E.L. 8-79939
- Sokolova, I.A.** Collision integrals for components of high-temperature hydrogen-helium mixture 8-71413
- Sokolova, L.B.** see Kuznetsov, I.L. 8-59135
- Sokolova, L.V.**, Bakunov, V.S., Zaitons, R.M., Poluboyarinov, D.N. Thermomechanical characteristics of aluminosilicate materials in dependence upon both their structure and composition 8-84748
- Sokolova, M.V.** Some peculiarities of a gas discharge in a gap with dielectric 8-75476
- Sokolova, R.S.** Interference coatings for devices transmitting a color image 8-59108
- Sokolova, R.S.**, Serebryakov, V.A., Razumovskaya, N.A., Yashin, V.E. Durable interference polarizers for lasers 8-83108
- Sokolova, T.N.** see Orekhov, M.V. 8-94926
- Sokolova, T.P.**, Tomilin, M.G., Frievert, A.M. Liquid crystal indicator of a variable light-reading angle 8-57932
- Sokolova, T.P.** see Gof'din, K.R. 8-89578
- Sokolova, V.M.** see Dudkin, L.D. 8-52019
- Sokolovich, V.V.** see Loseva, G.V. 8-67942
- Sokolovskaya, A.I.**, Brekhovskikh, G.L., Kudryavtseva, A.D. An experimental study of the features of the reconstruction of the three-dimensional image of an object with forced Raman scattering of light 8-83038
- Sokolovskaya, A.I.** see Morozova, E.A. 8-50860
- Sokolovskii, B.S.** see Savitskii, V.G. 8-60143
- Sokolovskii, R.I.** Quantum fluctuations of intensity in induced Raman scattering 8-66519
- Sokolovskii, R.I.**, Tyurin, E.I. Absorption of intense radiation in a transparent dielectric containing microimpurities 8-74939
- Sokolowski, S.** A note on the two-dimensional radial distribution function 8-67629
- Sokolowski, S.** A note on the two particle correlation function of a fluid interacting with solid surface 8-79880
- Sokolowski, S.** Statistical mechanics of adsorption phenomena. Virial expansion, equation of state and adsorption isotherms 8-95235
- Sokolowski, S.**, Kosmulski, M. A note on the Percus-Yevick and hypernetted chain theories of adsorption. The second and third virial coefficients for a hard-sphere gas in contact with a wall with a soft surface layer 8-60031
- Sokolowski, S.**, Stecki, J. Density profile of hard spheres interacting with a hard wall 8-63928
- Sokolowski, S.** see Lajtar, L. 8-72004
- Sokol'skii, A.G.** Proof of stability of Lagrangian solutions at the critical relation of masses 8-69666
- Soko'skii, A.G.** see Markeev, A.P. 8-53804, 8-69664
- Sokolsky, A.G.** On the stability of small quasi-periodic motions in the Hamiltonian systems 8-93085
- Sokolsky, S.V.** see Lavrentev, F.F. 8-64567
- Sokolovskaya, E.M.** see Ivanov, V.K. 8-95820
- Sokolyanskii, B.M.** see Tulyakov, G.A. 8-72857
- Sokorac, A.** see Senjanovic, G. 8-74144
- Sokovishin, Yu.A.** see Berezovskii, A.A. 8-79318
- Sokovishin, Yu.A.** see Martynenko, O.G. 8-55645, 8-83390
- Sokovishin Yu.A.** see Berezovskii, A.A. 8-79319
- Sol, N.** see Friederich, A. 8-95514
- Sol, N.** see Gunning, W.J. 8-60378
- Sol, N.** see Kaplan, D. 8-91555
- Sol, N.** see Teng, M.K. 8-80358
- Sola, A.** Analytical evaluation of fission product sensitivities 8-82424
- Sola, A.** Analytical evaluation of actinide sensitivities 8-82427
- Sola, A.** Sensitivity analysis of the effect of various key parameters on fission product concentration (mass number 120-126) 8-82428
- Solal, G.W.** Cohen see Cohen Solal, G.W.
- Solanki, R.** see Warner, B.E. 8-82953
- Solans, C.** see Friberg, S. 8-95961
- Solarich, N.** Photoelectric device for recording moments of stellar passages in Zagreb 8-73635
- Solaro, R.** see Houben, J.L. 8-84647
- Solarz, M.** see Tarle, G. 8-78599
- Solarz, R.W.**, Johnson, S.A., Preston, R.K. The deposition of energy from reactions of laser excited atoms: strontium $^3\text{P}_1$ with hydrogen halides 8-85134
- Solarz, R.W.** see Paisner, J.A. 8-82701
- Solarz, R.W.** see Worden, E.F. 8-66522
- Solberg, J.K.**, Nes, E. The interaction between vacancy emitting/absorbing precipitates and dislocations in silicon as investigated by transmission electron microscopy 8-71755
- Solberg, J.K.**, Nes, E. On the micromechanisms of repeated precipitation on edge dislocations 8-95752
- Solberg, J.K.** see Gjønnes, J. 8-67627
- Solberg, J.** Ketil see Ketil Solberg, J.
- Solbrig, C.W.** see Lyczkowski, R.W. 8-51229, 8-94092
- Solc, J.** New electron distance measuring theodolites 8-77860
- Solc, M.** Mean lifetime of energized molecules 8-85131
- Soldat, J.K.** see Brenchley, D.L. 8-94112
- Soldatchenkova, L.S.** see Bovenko, V.N. 8-56737
- Soldatenko, S.A.** see Matveev, L.T. 8-61522
- Soldatos, K.** see Massalas, C. 8-83309, 8-83315
- Soldatov, A.N.** see Bolotskii, V.P. 8-70538
- Soldatov, A.N.** see Elaeu, V.F. 8-71092
- Soldatov, A.S.** see Zhuchko, V.E. 8-54808
- Soldner, F.** Investigation of shock compression in toroidal geometry in the high voltage belt pinch 8-67399
- Soldo, D.** see Henc-Bartolic, V. 8-62753, 8-67553
- Sole, R.** Del see Del Sole, R.
- Sole-Sugranes, L.** Gravity and compressive nappes in the Central Southern Pyrenees (Spain) 8-69342
- Soledziowski, S.** see Sierota, A. 8-87558
- Solem, J.C.** see Veeder, L.R. 8-59857
- Soler, A.M.**, Hernandez, E. Typical local meteorological situations: Description and frequency 8-88891
- Soler, T.**, Mueller, I.I. Global plate tectonics and the secular motion of the pole 8-65172
- Solfanelli, S.** see Pistolesi, M. 8-61250
- Solgadi, D.** see Botter, R. 8-92572
- Solheim, B.H.** see Llewellyn, E.J. 8-65447, 8-65448
- Soliani, G.** see Leo, M. 8-93538
- Solie, T.N.** see O'Donnell, C.M. 8-85220
- Soliman, H.M.**, Feingold, A. Analysis of heat transfer in internally finned tubes under laminar flow conditions 8-94724
- Soliman, M.O.** see Baker, A.J. 8-92880

- Solimini, D.** *see* Basili, P. 8-57273
- Solin, S.A.** *see* Nemanich, R.J. 8-75746
- Soling, H.** *see* Andersen, J.R. 8-63742
- Soll, M.** Influence of radiation damage on the maximum attainable magnetic field for toroidal fusion magnet systems 8-50295
- Soll, M.** Changing of the critical current density of Nb₃Sn 8-52176
- Soll, M.** *see* Amenda, W. 8-54923
- Sollid, J.E.,** Thomas, S.J., Foley, E., Phipps, C.R., Jr. Threshold of detection for various materials at 10.6 μ m 8-90471
- Sollogub, V.B.** *see* Bur'yanov, V.B. 8-85511
- Solmi, S.** *see* Negri, P. 8-55882
- Solmon, D.C.** *see* Hamaker, C. 8-66014
- Solmon, D.C.** *see* Smith, K.T. 8-96088
- Solnicka, H.** *see* Galan, P. 8-57075
- Solnicka, H.** *see* Prouza, Z. 8-62664
- Solntsev, G.S.** *see* Ershov, A.P. 8-51356
- Solntsev, V.M.** *see* Bereznoi, A.A. 8-68478
- Solntsev, V.P.** *see* Lysakov, V.S. 8-52543
- Solntzev, G.S.,** Melnichenco, P.P., Dovzhenko, V.A., Kusnetsov, S.I. Peculiarities of the application of the three probes method for the measurement of the parameters of a UHF discharge plasma 8-63630
- Solntzev, G.S.** *see* Bulkin, P.S. 8-63621
- Solntzev, G.S.** *see* Dovzhenko, V.A. 8-63594
- Solodar', V.Ya.** *see* Tominskii, V.S. 8-56665
- Solodinin, A.M.,** Boiko, E.B., Andrievskii, R.A. Auto-radiographic and metallographic study of the γ -phase in the Zr-H system 8-56616
- Solodkov, V.D.** *see* Baranovskii, S.N. 8-56147
- Solodov, I.Yu.** *see* Korshak, B.A. 8-90615
- Solodov, I.Yu.** *see* Lobanov, E.A. 8-95219
- Solodov, I.Yu.** *see* Pavlov, V.I. 8-67897
- Solodovnik, A.A.** *see* Kovalenko, S.I. 8-83953
- Solodovnikov, G.K.** *see* Bakai, A.S. 8-96338
- Solodovnikov, G.K.** *see* Kozlov, S.I. 8-69569, 8-73566
- Solodukhin, A.D.** *see* Martynenko, O.G. 8-69488
- Solodukhov, G.V.** *see* Gurevich, G.M. 8-78348
- Solodukhov, V.V.** *see* Andersen, J.B. 8-66712
- Solodyna, C.V.** *see* Gerassimenko, M. 8-61841
- Solodyna, C.V.** *see* Nolte, J.T. 8-61844
- Sologub, M.N.,** El-Sayd, E.M., Grupe, R. Effect of acetylcholine chloride and chlorocholine chloride on the resting potential and membrane resistance of identified A and B neurones of the mollusc 8-53375
- Solomakha, D.A.,** Toropov, A.K. Laser wavelength measurements 8-50841
- Solomin, A.N.** *see* Dombeck, T. 8-82255
- Solomin, A.N.** *see* Kladnitskaya, E.N. 8-54662
- Solomon, A.I.,** Montgomery, W. Generalised XY model 8-77806
- Solomon, A.M.** *see* Goldovskii, V.L. 8-82845
- Solomon, D.E.,** Henderson, T.M., Nolen, R.L., Jr., Rensel, W.B. Target fabrication for inertial confinement fusion research 8-50316
- Solomon, D.E.** *see* Nolen, R.L., Jr. 8-50301, 8-50306
- Solomon, E.I.** *see* Henrich, V.E. 8-71920
- Solomon, H.** Detachment and recombination of a current ring with the Kuroshio 8-81198
- Solomon, H.,** Ahlmas, K. Eddies in the Kamchatka Current 8-81182
- Solomon, H.D.,** Levinson, L.M. Mossbauer effect study of '475°C embrittlement' of duplex and ferritic stainless steels 8-52933
- Solomon, I.,** Golub, R. Climatic trends 8-73499
- Solomon, J.,** Pellat, R. Convection and wave-particle interactions 8-61679
- Solomon, S.B.,** Sargood, D.G. Stellar reaction rates for ⁴⁵Sc(p, γ)⁴⁶Ti 8-93090
- Solomon, S.C.** On volcanism and thermal tectonics on one-plate planets 8-77507
- Solomon, S.C.** *see* Burr, N.C. 8-53620
- Solomon, S.C.** *see* Lee, W.B. 8-85491
- Solomon, S.G.** *see* Haug, A.J. 8-87290
- Solomon, W.C.** *see* Blauer, J.A. 8-63115
- Solomon, W.C.** *see* Zelazny, S.W. 8-71094
- Solomonov, S.V.,** Khaikin, A.S. Possibility of investigating Earth's atmosphere using outgoing submillimetre radiation in relatively wide spectral bands 8-65443
- Solomonson, P.** *see* Kandaswamy, J. 8-50031
- Solonchuk, L.S.** *see* Bondar, V.M. 8-72160
- Solonchuk, L.S.** *see* Gavalesko, N.P. 8-76095
- Solnichnyi, Ya.V.** *see* Freik, D.M. 8-64147, 8-95702
- Solonin, Yu.M.** *see* Kol'chinskii, M.Z. 8-60605
- Solonin, Yu.M.** *see* Kolomiets, L.L. 8-84804
- Solonina, O.P.** *see* Gus'kova, E.I. 8-56672
- Solopenko, V.M.** *see* Yanko, A.K. 8-65778
- Soloski, S.C.** *see* Lee, J.Y. 8-95199
- Soloukhin, R.I.,** Martynenko, O.G. Heat and mass transfer bibliography—Soviet works 8-75027
- Soloukhin, R.I.** *see* Blinov, V.V. 8-71076
- Soloukhin, R.I.** *see* Karnyushin, V.N. 8-63613, 8-71615, 8-94389
- Soloukhin, R.I.** *see* Martynenko, O.G. 8-74942
- Soloukhin, R.I.** *see* Vaguin, S.P. 8-79472
- Soloukhin, R.I.** *see* Zamurayev, V.P. 8-91030
- Solovei, A.B.** *see* Bursak, A.V. 8-78270
- Solov'ev, A.L.,** Khristenko, E.V., Dmitriev, V.M. Behaviour of Josephson-coupled granular superconductors in microwave field 8-52158
- Solov'ev, E.E.** *see* Vanchikov, V.V. 8-91987
- Solov'ev, G.S.,** Kashlev, Yu.A. Self-capture effect and the activation energy for diffusion of hydrogen isotopes in metals with BCC lattice 8-75879
- Solovev, K.N.** *see* Gradyushko, A.T. 8-55197
- Solov'ev, K.N.** *see* Sapunov, V.V. 8-76992
- Solovev, L.E.** *see* Zilbershtein, A.Kh. 8-84552
- Solov'ev, M.I.** *see* Angelov, N. 8-89920
- Solov'ev, M.I.** *see* Anoshin, A.I. 8-54805
- Solov'ev, N.E.** *see* Korsukova, M.M. 8-79596
- Solov'ev, S.N.** *see* Morozov, E.M. 8-95565
- Solov'ev, S.V.** *see* Lyalikov, A.S. 8-67008
- Solov'ev, V.A.** Stacking faults: plasticity and transformation kinetics under high pressure 8-51560
- Solov'ev, V.A.** *see* Adzhemyan, L.V. 8-83881
- Solov'ev, V.V.,** Volkov, V.B., Zhogolev, D.A., Kovalenko, N.F. Semiempirical CNDO calculation for Li(CO)_n⁺ complexes 8-82649
- Solov'eva, L.A.** Clearing up and eliminating the systematic errors in observations with the transit instrument 8-73615
- Solov'eva, L.P.** *see* Belov, N.V. 8-51520
- Solovianov, V.** *see* Fidecaro, G. 8-66157
- Soloviev, M.A.** *see* Fainberg, V.Ya. 8-86401
- Soloviev, M.V.** *see* Urdenko, V.A. 8-85594
- Soloviev, S.P.** *see* Gagulin, V.V. 8-76397
- Soloviev, V.G.** Semimicroscopic description of nuclear states at low, intermediate and high excitation energies 8-54666
- Soloviev, V.G.,** Stoyanov, Ch., Voronov, V.V. The influence of the giant dipole resonance on radiative strength functions in spherical nuclei 8-89774
- Soloviev, V.G.** *see* Kyrchev, G. 8-86519
- Soloviyanchik, D.A.** *see* Kiselevskii, L.I. 8-75475
- Solovjev, V.S.** *see* Aleksandrov, V.V. 8-92473
- Solovjeva, Z.I.** *see* Shabratova, G.S. 8-82359
- Solovtsov, I.L.** *see* Skachkov, N.B. 8-58143, 8-93864
- Solovyov, K.N.,** Gladkov, L.L., Gradyushko, A.T., Ksenofontova, N.M., Shulga, A.M., Starukhin, A.S. Resonance Raman spectra of deuterated metalloporphyrins 8-62812
- Solt, G.** Atomic displacements around an impurity and three-body interactions in metals 8-87689
- Solt, G.** Atomic displacements around an impurity and three-body interactions in metals 8-91406
- Solt, G.** *see* Zhernov, A.P. 8-75840
- Soltan, A.** New complete sample of identified radio sources. I. Selection of data 8-61928
- Soltan, A.** New complete sample of identified radio sources. II. Statistical study 8-89269
- Soltanolkotabi, M.** *see* Cem Gokay, M. 8-82956
- Soltész, U.** *see* Seidelmann, U. 8-68868
- Soltis, M.N.** *see* Lipatov, Yu.S. 8-53271
- Soltuz, V.** *see* Morosanu, C.-E. 8-91570
- Soltwisch, M.** *see* Elwenspoek, M. 8-64301
- Soltys, I.F.** Thermal stresses in an elastic plane with a circular boundary and thermally-isolated cracks 8-55599
- Soltys, I.F.** *see* Savruk, M.P. 8-67002
- Soluch, W.** *see* Morency, D.G. 8-79871
- Solunov, Ch.A.** Measurement of the dipole-orientation relaxation times 8-84512
- Solyakin, G.E.** *see* Andronenko, M.N. 8-78550, 8-78551
- Solyanik, F.I.** Transmission of plane waves through a layered medium of anisotropic materials 8-83150
- Solyanko, V.F.,** Boiko, T.P., Kudryavtseva, K.A. Cryogenic flange joint 8-86277
- Solyar, N.M.** *see* Slemzin, V.A. 8-85850
- Solyar, V.P.** *see* Rodin, A.V. 8-67591
- Solyar, I.** *see* Jordan, M.P. 8-55316
- Solyar, L.** A two-dimensional volume hologram theory including the effect of varying average dielectric constant 8-78960
- Solyar, L.,** Russell, P.St.J., Jordan, M.P. On the coupled wave equations of 2-dimensional volume holography 8-55317
- Solyar, L.** *see* Jordan, M.P. 8-90396
- Som, J.N.,** Kasha, G.S. Rotational isomerism and vibrational spectra of 3-chloro-1-butene 8-58702
- Som, S.C.** Matrix formulation of the Schuster-Kubelka-Munk theory of diffuse scattering. I. The characteristic matrix and general properties of diffusing layers 8-87014
- Som, S.C.,** Chaudhuri, B. Matrix formulation of the Schuster-Kubelka-Munk theory of diffuse scattering. II. Evaluation of characteristic matrices for inhomogeneous diffusing layers and related properties 8-87015
- Soma, M.** *see* Nagaoka, K. 8-84974
- Soma, T.** Lattice dynamics of group IV elements with the local Heine-Abarenkov model potential 8-63821
- Soma, T.** The electronic theory of III-V and II-VI tetrahedral compounds. I. Crystal energy and bulk modulus 8-72104
- Soma, T.** The electronic theory of III-V and II-VI tetrahedral compounds. II. Covalent-metallic or covalent-ionic phase transition under pressure 8-72105
- Soma, T.** Equation of state under pressure for Si and Ge 8-75801
- Soma, T.** *see* Fukushima, S. 8-53482
- Soma, T.** *see* Goto, E. 8-74836
- Somashekar, R.,** Revannasiddaiah, D., Madhava, M.S., Subramanyam, H.S., Krishnamurti, D. Birefringence of some nematic compounds 8-76419
- Somayajulu, G.R.,** Zwolinski, B.J. Effect of non-bonded interactions on the carbon-13 chemical shifts and diamagnetic susceptibilities of halomethanes 8-78726
- Somayajulu, M.R.** *see* Khan, B.T. 8-92065
- Somayajulu, Y.V.,** Garg, S.C., Vijayakumar, P.N. Scintillation studies using ATS-6 radio beacons at Delhi 8-69600
- Somayajulu, Y.V.** *see* Garg, S.C. 8-69592
- Sombret, B.** *see* Beny, J.M. 8-62242
- Someda, C.G.** Analysis of microbending in optical fibres with silica nucleus and silicone resin coating 8-55432
- Somekh, R.E.** The sputtering of A15 Nb₃Ge with controlled additions of oxygen 8-88427
- Somenko, V.A.** *see* Glazkov, V.P. 8-78548
- Somenkov, V.A.** *see* Petrunin, V.F. 8-92244
- Someno, M.,** Kobayashi, M., Tsunekawa, S., Saito, H. Quantitative analysis of deuterium in Ti, Ti alloys, Zr, V, Nb and Ta by ion microanalyser 8-56945
- Somer, S.N.,** Gunduz, G. Trace elements and their size distributions in Ankara atmosphere determined by thermal neutron activation analysis 8-81377
- Somers, J.** *see* Rosen, I. 8-53506
- Somerville, I.C.,** Tedford, D.J. Time-lags to breakdown: the detachment of atmospheric negative ions 8-87564
- Somerville, I.C.,** Tedford, D.J., Crichton, B.H. Electrode roughness and compressed SF₆—a generalised approach 8-67577
- Somerville, W.B.** Why study astronomy? 8-69931
- Sometani, T.,** Toi, K., Fukagawa, K., Itoh, S. Penetration of time-varying vertical and horizontal magnetic fields through a resistive shell in a Tokamak apparatus 8-63575
- Somevanshi, S.K.S.** *see* Mehrotra, N.K. 8-84520
- Somevanshi, S.K.S.** *see* Pant, D.C. 8-75522
- Somiya, S.,** Hirano, S., Kamiya, S. Phase relations of the Cr₂O₃-TiO₂ system 8-80523
- Somma, F.** *see* Abbate, G. 8-56448
- Sommer, B.** Δ resonance admixtures in the NN problem and the electro-distintegration of the deuteron 8-70373
- Sommer, B.** *see* Gari, M. 8-70510
- Sommer, M.,** Muller, D. Energy spectrum, time structure and arrival direction of the 1976 August 16 cosmic gamma-ray burst: an observation at balloon altitude 8-54078
- Sommer, M.** *see* Bartl, B. 8-77850
- Sommer, R.** *see* Assmus, W. 8-79562
- Sommeria, G.,** LeMone, M.A. Direct testing of a three-dimensional model of the planetary boundary layer against experimental data 8-73428
- Sommers, H.S., Jr.** Algorithm for measuring the internal quantum efficiency of individual injection lasers 8-66822
- Sommers, H.S., Jr.** *see* Butler, J.K. 8-59006
- Sommers, J.A.** *see* Gronqvold, F. 8-76253
- Somoano, R.B.,** Yen, S.P.S., Hadek, V., Khanna, S.K., Novotny, M., Datta, T., Hermann, A.M., Woolam, J.A. Optical, spin-resonance, and magnetoresistance studies of (tetrathiatetracene), (iodide)₃. The nature of the ground state 8-68023
- Somogyi, G.** New nuclear methods for the search of uranium 8-77339
- Somogyi, K.** On the electrical properties of GaP single crystals 8-91705
- Somogyi, M.** On the formation of interfaces in real GaP-Au Schottky barriers 8-91766
- Somogyi, M.,** Schiller, V. Etching of GaP surfaces in aqua regia and in the bromine-methanol-water system 8-68833
- Somogyi, M.** *see* Ferenczi, G. 8-91758
- Somorjai, E.** *see* Maas, J.W. 8-66205
- Somorjai, G.A.** Hydrogenation of CO on rhodium and iron rhodium and iron crystal surfaces 8-73034
- Somorjai, G.A.** The structure of solid surfaces and of adsorbates by low-energy electron diffraction 8-94953
- Somorjai, G.A.,** Clinton, W.L., Yates, J.T., Jr. Surface science 8-88553
- Somorjai, G.A.** *see* Hemminger, J.C. 8-76878
- Somorjai, G.A.** *see* Kesmodel, I.L. 8-73075
- Somorjai, G.A.** *see* Lo, W.J. 8-84035
- Somorjai, G.A.** *see* Yoshida, K. 8-71996
- Somov, A.I.** *see* Andrievskaya, N.F. 8-76596
- Somov, A.Yu.** *see* Kats, L.I. 8-60149
- Somov, B.E.** *see* Nikolaevskii, V.N. 8-59471

- Somov, B.V.**, Spektor, A.R., Syrovatskii, S.I. Gas dynamics of a flare plasma 8-57524
- Somova, T.I.** see Fogel'son, R.L. 8-91484
- Sompolinsky, H.**, Havlin, S. Cluster dynamical theory for the low-lying ferroelectric modes in KDP-type crystals 8-80305
- Son, E.E.** see Sechenov, V.A. 8-71450
- Son, E.E.** see Visikailo, F.I. 8-71608
- Son Nguyen Quoc** see Nguyen Quoc Son
- Sona, P.** see Mando, P.A. 8-74328, 8-82308
- Soncini, G.** see Geddo, M. 8-64120
- Sonderegger, P.** see Corden, M.J. 8-62470
- Sondhi Man Mohan** see Man Mohan Sondhi
- Sone, K.**, Saidoh, M., Yamada, R., Ohtsuka, H. Reduction of erosion by blistering in molybdenum surfaces with a multi-groove microstructure 8-95211
- Sone, K.** see Ohtsuka, H. 8-95633
- Sone, M.** see Hasegawa, H. 8-87621
- Sone, T.** see Ebata, M. 8-85324
- Sone, Y.** Kinetic theory of evaporation and condensation—linear and nonlinear problems 8-75802
- Sone, Y.**, Aoki, K., Onishi, Y. Imperfect accommodation effects on the flow induced by thermal stresses in a rarefied gas 8-87362
- Sone, Y.**, Onishi, Y. Kinetic theory of evaporation and condensation. Hydrodynamic equation and slip boundary condition 8-63903
- Sonechkin, D.M.** Existence of anomalous modes in hydrodynamic-type system with one quadratic integral of motion 8-65361
- Soneira, R.M.**, Peebles, P.J.E. A computer model universe: simulation of the nature of the galaxy distribution in the Lick catalog 8-81718
- Sonett, C.P.** see Herbert, F. 8-69728
- Song, H.S.** see Peng, J.C. 8-70543
- Song, J.J.**, Lee, J.H., Levenson, M.D. Picosecond relaxation measurements by polarization spectroscopy in condensed phases 8-68530
- Song, J.J.**, Lee, J.H., Levenson, M.D. Polarization spectroscopy of condensed phases 8-89559
- Song, J.T.** A study on the development of high silicon steel core materials 8-60852
- Song, K.S.** see Leung, C.H. 8-91337
- Song Wen-miao** see Jiang Zun-fu 8-74824
- Song-Ling Zhao** see Zhao Song-Ling
- Songco, D.C.** see Plexico, P.S. 8-73283
- Soni, J.P.** see Sequeira, A. 8-55787
- Soni, M.P.**, Hariharan, M.V., Ray, R.N. A new method for low sensitivity design of a controller for a load following BWR power plant 8-78473
- Soni, P.S.** Applanation tonometer correlations 8-77047
- Soni, V.S.** see Nayyar, V.P. 8-87451
- Sonin, A.S.** see Ostrovskii, B.I. 8-60380, 8-91250
- Sonin, E.B.** Weak A-phase ferromagnetism and peculiarities of the superfluid phase transition in He-3 8-67885
- Sonin, E.B.** Analogues of superfluid flows for spins and electron-hole pairs 8-72085
- Sonne, B.**, Hohne, K.H. Methods for the determination of the speed and quantity of the flow of blood, from digital angiograms 8-92690
- Sonnenberg, K.** see Sharma, B.D. 8-87962
- Sonnenberg, K.** see Wienhold, P. 8-63792
- Sonneveld, A.** see de Jager, P.A. 8-83506
- Sonnino, C.B.** see Lorenz, W.P. 8-51852
- Sonnino, T.** The flat solar collector: an approach to its evaluation 8-83236
- Sonntag, C.** von see von Sonntag, C.
- Sonntag, J.** see Roth, S. 8-67941
- Sonobe, T.** see Natsume, H. 8-54841
- Sonoda, H.**, Fujii, K., Sato, H., Oshio, T., Suzuki, N. A 1024-channel digital apparatus for measurements of the time interval distribution 8-81950
- Sonoda, H.**, Kikkawa, A., Suzuki, N. Statistics of photoelectric pulses for Gaussian-Lorentzian light 8-54452
- Sonstegard, D.A.**, Matthews, L.S., Kaufer, H. The surgical replacement of the human knee joint 8-53572
- Soo, P.**, Chow, J.G.Y. The effect of mean tensile stresses on the high-cycle fatigue of solution-annealed type 304 stainless steel 8-86603
- Soo, S.L.** Diffusion in multiphase flow 8-94801
- Soo, S.L.** see Crowe, C.T. 8-59455
- Soo, S.L.** see Sha, W.T. 8-63483
- Soo Hyun Suh**, Yu Han Chang, Seong Yun Kim, Dong Hoon Kim Temperature coefficient in D₂O moderated reactor (Wolsung unit 1) 8-54818
- Soo Jang Pong** see Pong Soo Jang
- Soo Lee Sang** see Sang Soo Lee
- Soo Woo Nam** see Hui Gon Chun 8-68774
- Soo Yong Park** see Pong Soo Jang 8-54561
- Sood, B.S.** see Allawadhi, K. 8-58643
- Sood, B.S.** see Allawadhi, K.L. 8-58636, 8-74606
- Sood, B.S.** see Verma, S.L. 8-90128
- Sood, M.L.**, Kaur, G. Diffusion coefficients of potassium fluoride water system from diaphragm cell experiments 8-83986
- Sood, P.M.** see Aggarwal, M.M. 8-58173
- Sood, S.** see Le Yaouanc, A. 8-70342
- Sood, S.** see Mitra, A.N. 8-50012
- SooHoo, J.**, Henry, R.D. Transmittance and reflectance of a coated substrate with application to index measurement of thin films 8-56534
- SooHoo, K.L.** see Hurst, G.S. 8-90025
- SooHoo, R.F.** Ferromagnetic resonance in ion-implanted garnet bubble films 8-68385
- Sook Lee**, Brodbeck, C.M. Dynamic nuclear polarization method of investigating the correlated ESR and NMR c-axis variation effect in single crystals 8-72436
- Sookiazian, H.** see de Groot, J.J. 8-67304
- Sookiazian, H.** see Kestlin, J. 8-51715
- Sool Choi Chong** see Chong Sool Choi
- Soon Kim Young** see Young Soon Kim
- Soon Rheem Karp** see Karp Soon Rheem
- Soong, S.C.** see Lin, C.D. 8-62912, 8-94318
- Soong Hou-ting** Sm-Pr-Co permanent magnets with additive Fe₂Sn 8-91900
- Soonpaa, H.H.** Thin crystal as 2D system 8-60181
- Soos, E.** see Ariciuc, M. 8-51625
- Soos, Z.G.**, Mazumdar, S. Magnetic gap and partial charge transfer in mixed donor-acceptor stacks 8-76008
- Soos, Z.G.** see Cheung, T.T.P. 8-52292
- Soos, Z.G.** see Nothe, D. 8-80192
- Sootha, G.D.** see Lahiry, S. 8-52344
- Soovi, K.H.** see Lushchik, Ch.B. 8-91359
- Soovik, K.H.** see Lushchik, Ch.V. 8-72575
- Soper, D.E.** see Collins, J.C. 8-54525
- Soper, D.E.** see Deshpande, N.G. 8-82144
- Soper, H.V.** see Babb, T.L. 8-77163
- Soper, J.M.** see Gal, A. 8-78300
- Sopko, F.V.** see Mitsa, V.M. 8-63159
- Sopori, B.L.**, Chang, W.S.C. Low-loss Na-glass waveguides 8-55481
- Sopori, B.L.** see Becker, R.A. 8-55477
- Sopruncyuk, P.M.** see Polishchuk, E.S. 8-77831
- Soraas, F.** see Pytte, T. 8-88990
- Sorace, E.** see Barducci, A. 8-93531
- Sorace, E.** see Giachetti, R. 8-69972
- Sorba, P.** see Matveev, V.A. 8-70321
- Sorba, P.** see Meyers, C. 8-93802
- Sorbello, R.S.** Electromigration in liquid metal alloys 8-51714
- Sorbello, R.S.** Microscopic fields and currents in DC electrical conductivity 8-56121
- Sorby, P.J.** see Boyd, R.E. 8-61621
- Sordo, S.** Stability of the double street of alternate vortices near a wall 8-83406
- Sordo, S.** Stability condition for a double row of staggered vortices near a wall 8-83407
- Soref, R.A.**, McMahon, D.H. Multimode 2x2 optical crossbar switch 8-55473
- Soref, R.A.**, Nelson, A.R., McMahon, D.H., Spillman, W.B., Jr., Sheppard, L.E. Active fail-safe terminal for fibre-optic data bus 8-55438
- Sorensen, C.** Dynamic response of a semi-infinite plate subjected to steadily increasing boundary force [ice sheets] 8-83254
- Sorensen, C.** see Berger, E.L. 8-74272
- Sorensen, C.M.**, Mockler, R.C., O'Sullivan, W.J. Multiple scattering from a system of Brownian particles 8-78913
- Sorensen, C.M.** see Scheibner, B.A. 8-71871
- Sorensen, H.** see Schou, J. 8-56549, 8-95639
- Sorensen, O.T.** see Brondsted, P. 8-56649
- Sorg, M.** Retarded integration in classical electrodynamics 8-66738
- Sorge, G.** see Beige, H. 8-92025
- Soria, J.** see Gonzalez-Elipse, A.R. 8-80211
- Sorin, E.L.** see Kokoroshnikov, S.M. 8-57999
- Sorochenko, R.L.**, Shishov, V.I. On the possibility of the solar wind velocity measurement from observations of scintillations of H₂O and OH maser sources 8-69704
- Sorochinskaya, V.E.** see Ilin, V.V. 8-82627
- Soroka, A.M.** see Aleksandrov, V.V. 8-94401
- Soroka, B.S.** Combined heat transfer in boundary-layer combustion of gas 8-91029
- Soroka, B.S.**, Val', L.I. Investigation of combined radiation and convection heat transfer in a closed system of gray bodies, assuming a two-layer model of the gas medium 8-75052
- Soroka, V.A.** see Akulov, V.P. 8-54568
- Soroka, V.V.** Diffraction of light by acoustic waves in gyrotropic media 8-72485
- Soroka, V.V.**, Suvorova, L.M., Kornishev, Yu.A. Trapping levels in crystalline quartz 8-91703
- Soroka, V.V.** see Pravdin, N.A. 8-92091
- Sorokin, A.F.** see Bocharov, V.N. 8-75259, 8-91153
- Sorokin, A.F.** see Botcharov, V.N. 8-67485
- Sorokin, A.F.** see Kudryavtsev, A.M. 8-78807
- Sorokin, A.G.** see Le'chuk, V.L. 8-82415
- Sorokin, A.R.** see Kochubei, S.A. 8-50755
- Sorokin, D.N.** A heat-transfer model for nucleate boiling 8-75056
- Sorokin, D.N.** see Subbotin, V.I. 8-90631, 8-94806
- Sorokin, I.P.**, Sagaradze, V.V. Distribution of the orientations of austenite after a double martensitic transformation $\gamma \rightarrow \alpha \rightarrow \gamma$ 8-64540
- Sorokin, L.M.**, Sitnikova, A.A. Isolated disturbed zones in boron-ion-doped silicon layers 8-87699
- Sorokin, L.S.** see Vaigachev, A.A. 8-78574
- Sorokin, O.M.**, Matsuyan, B.D. Scan-velocity transducer for driven-sweep generator 8-57925
- Sorokin, P.P.** see Bethune, D.S. 8-80725, 8-94296
- Sorokin, P.V.** see Gorbenco, V.G. 8-54637
- Sorokin, P.V.** see Kolesnikov, L.Ya. 8-54636
- Sorokin, P.V.** see Miroshnichenko, I.I. 8-86453
- Sorokin, V.B.** see Karataev, V.D. 8-60944
- Sorokin, V.B.** see Rudenko, V.N. 8-53146
- Sorokin, V.K.** see Tikhonov, G.F. 8-60602, 8-60613
- Sorokin, V.N.** Vocal tract losses 8-85325
- Sorokin, V.N.** see Andreeva, T.L. 8-59027
- Sorokin, V.P.** see Ivanovskii, M.N. 8-75037
- Sorokin, V.P.** see Subbotin, V.I. 8-90631
- Sorokin, Yu.M.** see Vorob'ev, V.V. 8-71159
- Sorokina, E.A.** see Lebedeva, V.N. 8-87736
- Sorokina, N.A.** see Agafonov, E.A. 8-77262
- Sorokina, N.A.** see Mirskii, A.L. 8-84835
- Sorokina, N.A.** see Neumim, H.G. 8-77257
- Sorokina, N.I.**, olyukhin, V.V., Belov, N.V. The crystal structure of guanido iodate C(NH₂)₃IO₃ 8-83807
- Soroko, L.M.** see Plis, Yu.A. 8-78031
- Soshikawa, Y.** see Ito, K.-I. 8-65101
- Soshnikov, V.I.**, Omel'chenko, A.V., Georgieva, I.Ya., Bashchenko, A.P. Influence of nitrogen on the crystal lattice parameter of austenite in an iron-manganese alloy 8-67683
- Soshnikov, V.N.** Electron distribution, ionization rate, and level filling in a pulsed discharge in copper vapour in neon 8-51387
- Soskin, M.S.** see Kravchenko, V.I. 8-59051
- Soskin, M.S.** see Markov, V.B. 8-90394
- Soskin, M.S.** see Odulov, S.G. 8-55326
- Soskin, M.S.** see Vinetski, V.L. 8-90393
- Sosnin, V.P.** see Gulyaev, Yu.V. 8-71225
- Sosnovets, E.N.** see Kovrygina, L.M. 8-69617
- Sosnovets, E.N.** see Kovtyukh, A.S. 8-96348
- Sosnovskii, L.A.** Method of estimating scale relationship of the endurance limit for smooth testpieces 8-60914
- Sosnovskii, L.A.** Distribution of mechanical properties and life characteristics in steel 8-64606
- Sosnovskii, L.A.** see Fedrochenko, I.M. 8-60594
- Sosnowska, I.** see Kutner, R. 8-91487
- Sostman, H.E.** see Manley, K.A. 8-85460
- Soszka, W.** Surface analysis by ion-electron spectroscopy: silicon target 8-72670
- Soszka, W.** see Taraszkiewicz, L. 8-75400
- Sotera, J.J.** see Emmel, R.H. 8-56926
- Sothras, S.L.**, Salaita, G.N. (n,2n) cross sections at 14.8 MeV on some closed shell nuclides 8-74355
- Sotin, V.E.** see Anikin, V.I. 8-71221
- Sotin, V.Ye.** see Gudzenko, A.I. 8-74995
- Sotin, V.Ye.** see Osadchev, L.A. 8-74996
- Sotina, N.B.** Selfgravitating liquid ring with inner flow 8-65783
- Sotirovski, P.** see Boyer, R. 8-77495
- Sotkov, G.M.**, Zaikov, R.P. Conformal invariant two- and three-point functions for fields with arbitrary spin 8-49977
- Sotnikov, G.V.** see Voronova, I.V. 8-52127
- Sotnikov, N.D.** see Artemenkova, L.V. 8-89998
- Sotnikov, V.I.**, Shapiro, V.D., Shevchenko, V.I. Macroscopic effects of collapse at the lower hybrid resonance 8-59563
- Sotobayashi, H.** see Fujita, H. 8-55968
- Sotobayashi, T.** see Hasimoto, T. 8-50426
- Sotona, M.**, Zofka, J. Velocity- and density-dependent forces in hyperspherical formalism 8-49721
- Sotona, M.**, Zofka, J. Monopole vibrations of nuclei and effective interactions 8-58223
- Sotskaya, N.F.**, Vangengeim, S.D. Investigation into thermoelectromotive force, caused by internal adsorption, in binary alloys based on iron 8-95288
- Sotskii, B.A.**, Stolyarov, A.D. Greatest lower bounds for the degrees of coherence of higher order for one-mode fields 8-71068
- Sotskii, B.A.** see Anisimov, V.Ya. 8-50697
- Sotskova, T.Z.** see Mank, V.V. 8-76979
- Sottiaux, B.** see Brohet, C.R. 8-85437
- Sottini, S.** see Righini, G.C. 8-53540, 8-55467
- Soubeyrand, M.** see Vedel, J. 8-64471
- Souchez, R.**, Lemmens, M., Lorrain, R., Tison, J.-L. Pressure-melting within a glacier indicated by the chemistry of re-gelation ice 8-61447
- Souder, P.A.** see Alguard, M.J. 8-70376
- Souder, P.A.** see Reist, H.-W. 8-70672
- Souers, P.C.**, Pyper, J.W. Predicted properties of cryogenic D-T 8-66415
- Souers, P.C.** see Pyper, J.W. 8-58090
- Souers, P.C.** see Ulrich, A.R. 8-95869
- Sougi, M.** see Plumier, R. 8-68168

- Souillard, B.** see Iagolnitzer, D. 8-70062
- Souillat, J.C.** see Gacon, J.C. 8-84631
- Soukoulis, C.M.,** Grest, G.S., Levin, K. Theory of the neutron scattering cross section in spin-glasses 8-80162
- Soukup, F.** Phase sensitive amplifiers 8-86331
- Soukup, J.** see Fong, J. 8-94008
- Soukup, J.** see Hoffman, G.W. 8-54760
- Soukup, J.** see Hoffman, G.W. 8-70526
- Soukup, R.J.,** Akers, L.A. Comparative calculations for thin-film and bulk single-crystal Schottky-barrier solar cells 8-80053
- Soukup, R.J.,** Mosher, D.M., Kulkarni, A.K. The through-film electrical properties of sputtered GaAs films with aluminum contacts 8-91780
- Soule, J.L.** see Adam, J. 8-71473
- Soule, J.L.** see Bussac, M.N. 8-59589
- Soulen, R.J., Jr.,** Giffard, R.P. Josephson-effect absolute noise thermometer: resolution of unmodeled errors 8-62196
- Soulie, E.** A commentary on 'D_{3d} distortion in CsU₆' by A.F. Leung 8-84173
- Soulie, E.** Coordination field, magnetic susceptibility anisotropy and chemical shift in tetrakis-(acetylacetonato) uranium (IV) 8-84179
- Soulie, G.** Positions of asteroids, major planets and the Moon 8-81577
- Soulie, J.C.** see Borghini, M. 8-68439
- Souillard, J.** see Alamo, A. 8-78461
- Soundalgekar, V.M.** Free convection effect on the Stokes problem for a vertical plate in an elasto-viscous fluid 8-67226
- Soundalgekar, V.M.** Free convection effects on the Stokes problem for an infinite vertical plate 8-90879
- Soundalgekar, V.M.,** Aranake, R.N. Free convection effects on the oscillatory flow of an electrically conducting rarefied gas past an infinite, vertical plate with constant suction 8-90830
- Soundalgekar, V.M.,** Aranake, R.N. Effects of couple stresses on MHD Couette flow 8-91020
- Soundalgekar, V.M.,** Pop, I., Akolkar, S.P. Free convection effects on oscillatory hydromagnetic boundary layer flow 8-91018
- Soundalgekar, V.M.** see Haldavnekar, D.D. 8-87398
- Souquet, J.L.** see Foraison, D. 8-76870
- Soures, J.** see Friedman, W. 8-50831
- Souriau, M.** see Froidevaux, C. 8-65231
- Sourirajan, S.** see Rangarajan, R. 8-53250, 8-53251
- Sourisseau, C.,** Mercier, R. Vibrational spectra and calculation of force fields of the molecules P₄O₆, As₄O₆ and Sb₄O₆ 8-50549
- Sourisseau, C.** see Mercier, R. 8-60447
- Sourlas, D.** see Jannussis, A. 8-77800
- Sousa, J.A.** see Grojean, R.E. 8-81442
- Sousa, S.N.** De see De Sousa, S.N.
- Soussen-Jacob, J.,** Vincent-Geisse, J., Tsakiris, J., Bessiere, J. Temperature dependence of the IR profile of the ν₃ band of methane in liquid SF₆ 8-58696
- Soussen-Jacob, J.** see Ouillon, R. 8-64352
- Soustova, I.A.** see Ostrovsky, L.A. 8-55489
- Soutar, I.** see Reid, R.F. 8-70986
- Soutar, I.** see Rutherford, H. 8-56685, 8-95606
- Southern, B.W.** Interface free energy for two dimensional Ising models 8-60261
- Southern, J.H.,** Ballman, R.L., Burroughs, J.A., Paul, D.R. The polymer chain entanglement criterion for elastic fracture 8-79290
- Southon, J.R.** see Radford, D.C. 8-78308
- Southwell, W.H.** Asymptotic solution of the Huygens-Fresnel integral in circular coordinates 8-87013
- Southwood, D.J.,** Hughes, W.J. Source induced vertical components in geomagnetic pulsation signals 8-93052
- Southwood, D.J.** see Hughes, W.J. 8-85775
- Southworth, F.H.** see Gerdin, G.A. 8-58430
- Southworth, F.H.** see Miley, G.H. 8-70643
- Southworth, F.H.** see Swift, G.M. 8-62618
- Southworth, H.N.** Surface studies using Auger electron spectroscopy 8-85277
- Southworth, H.N.,** Walls, J.M. The projection geometry of the field-ion image 8-66011
- Souw, E.K.** see Hackmann, J. 8-59658
- Souza, J.R.F.** De see De Souza, J.R.F.
- Souzu, H.,** Mazur, P. Temperature dependence of the survival of human erythrocytes frozen slowly in various concentrations of glycerol 8-77019
- Souzu, H.** see Rall, W.F. 8-77020
- Sovers, O.J.** Zeeman spectra of polycrystalline solids 8-68487
- Sovestnov, A.E.** see Egorov, A.I. 8-58234
- Sovetskaya, V.G.,** Zubenko, V.V., Umanskii, M.M. X-ray determination of the thermal expansion of rhenium in a broad temperature interval 8-67838
- Sovetskii, D.I.** see Maksimov, A.I. 8-59695
- Sovey, J.S.,** Mirtich, M.J. A hollow cathode hydrogen ion source 8-54921
- Sovey, J.S.** see Mirtich, M.J. 8-72904
- Soviani, R.** Installations for the precision measurement of AC voltage, current and power for industrial- and audio frequencies. I 8-49863
- Sovocool, G.W.** see Busch, K.L. 8-76939
- Sow-Hsin Chen** Experimental test of Boltzmann-Lorentz kinetic equation 8-94875
- Sow-Hsin Chen** see Holz, M. 8-73299, 8-77018, 8-77024
- Soward, A.M.** A thin disc model of the galactic dynamo 8-73755
- Sowerbutts, W.T.C.** An example of the use of computers in geophysics 8-77878
- Sowerby, R.** see Haddad, Y.M. 8-64665
- Sowerby, R.** see Sizzo, G. 8-80610
- Sowers, C.H.** see Brodsky, M.B. 8-68182
- Sowers, J.D.** Condensation of free body mass matrices using flexibility coefficients 8-63349
- Sowinska, M.,** Bartecki, A. The luminescence spectra of gallium(III) and indium(III) complexes 8-64407
- Soyano, T.** see Hamajima, K. 8-89064
- Soyano, T.** see Noguchi, T. 8-89073
- Soyeur, M.** see Lombard, R.M. 8-82287
- Soyfer, V.N.,** Cieminis, K.G.K. Excision of thymine dimers from the DNA of UV-irradiated plant seedlings 8-61221
- Sozontova, G.N.,** Shtolts, A.K., Gel'd, P.V., Medvedev, A.I. Solid solutions (V,Fe)₃Si, (V,Fe)₃Ge, and (V,Fe)₃Ga 8-80512
- Sozou, C.,** Pickering, W.M. Magnetohydrodynamic flow in a container due to the discharge of an electric current from a finite size electrode 8-79388
- Sozzou, C.** A similarity model illustrating the effect of rotation on an inflated magnetosphere 8-57492
- Spach, M.S.** see Hersh, L.T. 8-92614
- Spackova, M.** see Trousil, J. 8-62663
- Spada, G.** see Gursky, H. 8-93459
- Spadacini, G.** see Cuzzocrea, P. 8-62528
- Spadafora, A.,** Fortune, H.T. Analysis of ²⁸Si(³He,d)²⁹P 8-66294
- Spadini, G.** see Morandi, C. 8-56232
- Spadoni, G.,** Bandini, E., Santarelli, F. Scattering effects in photosensitized reactions 8-73057
- Spadoni, M.** see Bruzese, R. 8-64175
- Spadoni, M.** see Pasotti, G. 8-54998
- Spaenhauer, A.M.** A systematic comparison of four methods to derive stellar space densities 8-61917
- Spaepen, F.** A structural model for the interface between amorphous and crystalline Si or Ge 8-63941
- Spaepen, F.** see Katz, J.L. 8-51647
- Spaeth, J.M.** see Hoentzsch, C. 8-80248, 8-82014
- Spaeth, J.M.** see Lohse, F. 8-88351
- Spaeth, J.M.** see Niklas, J.R. 8-60355
- Spaeth, M.L.** see Paisner, J.A. 8-55407
- Spahn, G.** see Hansl, T. 8-74244, 8-89698, 8-89860
- Spahn, G.** see Holder, M. 8-55103
- Spahr, G.L.** see Goldberg, I. 8-86651
- Spain, I.L.** see Dillon, R.O. 8-68043, 8-87986, 8-87987, 8-95304
- Spain, I.L.** see Shu-Cheng Yu 8-95026
- Spalding, D.B.** see Gibson, M.M. 8-51158
- Spalding, D.B.** see Markatos, N.C.G. 8-79312
- Spalding, D.B.** see Pai, B.R. 8-59504
- Spalding, D.B.** see Pollard, A. 8-63494
- Spalding, D.B.** see Skiadreas, D. 8-94752
- Spalding, G.R.** see Brown, S.M. 8-79166
- Spalding, I.J.** High power lasers and their applications 8-87092
- Spalek, A.** see Adam, J. 8-74377
- Spalek, J.,** Chao, K.A., Oles, A.M. Antiferromagnetism of strongly correlated electrons in narrow bands 8-76218
- Spalek, J.,** Oles, A.M., Chao, K.A. The effective magnetic interactions between impurity and conduction electrons for the Wolff model 8-68143
- Spalek, J.** see Chao, K.A. 8-80110, 8-80128
- Spalla, P.** see Checacci, P.F. 8-69553
- Spallucci, E.** see Denardo, G. 8-53979
- Spalvins, T.** Microstructural and wear properties of sputtered carbides and silicides 8-64733
- Spamer, E.** see Frey, R. 8-50154
- Spamer, E.** see Graf, H.-D. 8-70653
- Spamer, E.** see Knapf, W. 8-86521
- Spamer, E.** see Schull, D. 8-70680
- Spamer, E.** see Walcher, T. 8-70679
- Spamer, T.** see Johnson, W.S. 8-92349
- Spangenberg, H.J.** see Kuhnle, W. 8-82646
- Spangenberg, H.-J.** Problems of thermodynamics and diagnostics of reactive hot gases 8-76865
- Spangenberg, H.-J.** see Rutkowski, J. 8-58854
- Spangler, C.E., Jr.** see Schwerer, F.C. 8-52304
- Spangler, J.D.** Proposal for broadened undergraduate science majors 8-61960
- Spangler, S.R.,** Meyers, K.A. Frequency dependence of compact structure in extended extragalactic radio sources 8-69895
- Spanglev, F.** see Mikkelsen, I.S. 8-77405
- Spanhoff, R.,** Postma, H., Canty, M.J. ¹⁸⁶Os studied in the decay of 15.8-h ¹⁸⁶Ir and by the ¹⁸⁶W(α,n)¹⁸⁶Os reaction 8-86481
- Spanjaard, D.** see Noguera, C. 8-52047
- Spanjaard, D.** see Thiry, P. 8-84143
- Spanner, E.** see Gebhardt, W. 8-52776
- Spanner, K.** see Laubereau, A. 8-74665
- Spanos, P.-T.D.** Non-stationary random vibration of a linear structure 8-90742
- Sparks, D.W.,** Nixon, J.C. Detection of intensity differences between brief adjacent tonal stimuli 8-53427
- Sparks, L.E.** see Smith, W.B. 8-88658
- Sparks, R.S.J.,** Wilson, L., Hulme, G. Theoretical modeling of the generation, movement, and emplacement of pyroclastic flows of column collapse 8-61380
- Sparks, R.S.J.** see Wilson, L. 8-61381
- Sparks, S.R.J.** see Sigurdsson, H. 8-73339
- Sparks, S.W.** see Vold, R.R. 8-91985
- Sparks, W.** see Boggess, A. 8-96382, 8-96383
- Sparks, W.** see Heap, S.R. 8-96474
- Sparks, W.M.** see Starrfield, S. 8-57555
- Sparring, G.A.J.** see Penrose, R. 8-82176
- Sparrer, G.** see Hartmann, O. 8-77847, 8-77966
- Sparrow, D.A.,** Gerace, W.J. ¹²C-pion monopole scattering 8-94034
- Sparrow, D.A.** see Rost, E. 8-70531
- Sparrow, E.M.,** Krowech, R.J. Circumferential variations of bore heat flux and outside surface temperature for a solar collector tube 8-90629
- Sparrow, E.M.,** Laing, L.R. Heat transfer bibliography 8-63425
- Sparrow, E.M.,** Laing, L.R. Heat transfer bibliography 8-75141
- Sparrow, E.M.,** Patankar, S.V. Relationships among boundary conditions and Nusselt numbers for thermally developed duct flows 8-91016
- Sparrow, E.M.,** Patankar, S.V., Abdel-Wahed, R.M. Development of wall and free plumes above a heated vertical plate 8-90881
- Sparrow, E.M.,** Schmidt, R.R., Ramsey, J.W. Experiments on the role of natural convection in the melting of solids 8-71275
- Sparrow, E.M.,** Wachtel, K.P. Transfer coefficients on the surfaces of a transverse plate situated in a duct flow 8-75138
- Sparrow, E.M.** see Cur, N. 8-87232
- Sparrow, E.M.** see Patankar, S.V. 8-59484, 8-71331
- Sparrow, E.M.** see Pederson, R.J. 8-90874
- Sparrow, E.M.** see Ramsey, J.W. 8-90646
- Sparrow, G.R.** Ultrahigh depth resolution in characterization of surfaces: Practical application 8-71917
- Sparrow, J.G.** see Weinberg, J.L. 8-57500
- Spasskii, I.G.** Mechanism of the vibrational compaction of bulk materials 8-52701
- Spassky, A.V.** see Lebedev, V.M. 8-54776
- Spassov, K.I.** see Mikhailov, M.D. 8-94856
- Spates, W.S.** see Wright, J.J. 8-63093
- Spatschek, K.H.** Coupled localized electron-plasma waves and oscillatory ion-acoustic perturbations 8-67349
- Spatschek, K.H.** see Shukla, P.K. 8-59550
- Spear, J.F.** see Kronhaus, K.D. 8-92608
- Spear, K.E.** see Freund, P.F. 8-91449
- Spear, R.H.,** Zabel, T.H., Kean, D.C., Joye, A.M.R., Baxter, A.M., Fewell, M.P., Hinds, S. Systematics of Coulomb-nuclear interference: implications for reliable measurement of the reorientation effect 8-70559
- Spear, R.H.** see Zyskind, J.L. 8-66273
- Spears, K.G.** Time-correlated counting of photons aids in analysis of fluorescence-decay signals 8-49910
- Spears, K.G.,** Hottland, L. Radiationless pathways in CF₃NO 8-66577
- Spears, W.R.** see Hancox, R. 8-58471
- Specht, G.** see Ackermann, H. 8-66126
- Specht, G.** see Berger, C. 8-62412
- Specht, H.J.** see Goerlach, U. 8-78429
- Specht, J.R.** see Bowles, T.J. 8-93988
- Specht, K.** see Kosfeld, R. 8-84828
- Speck, D.R.** see Simmons, W.W. 8-55361, 8-59032
- Speck, D.R.** see Storm, E.K. 8-74471
- Speck, D.R.** see Summers, M. 8-59035
- Specovius, J.,** Findenegg, G.H. Physical absorption of gases at high pressures: argon and methane onto graphitized carbon black 8-51816
- Spector, D.N.,** Sethian, J.D., Gerber, K.A. Versatile electrical feedthrough for probe measurements in vacuo 8-71543
- Spector, D.N.** see Sethian, J.D. 8-71524, 8-91114
- Spector, H.** see Samuels, D. 8-76115
- Spector, H.N.** see Sutherland, F.R. 8-60142, 8-60170
- Spector, I.,** Prives, J.M. Development of electrophysiological and biochemical membrane properties during differentiation of embryonic skeletal muscle in culture 8-53363
- Spector, N.** see Brosch, N. 8-57558
- Spector, N.** see Karnatak, R.C. 8-84681
- Spedding, P.L.,** Chen, J.J.J. Verification of a two-phase holdup relation 8-51220

- Spedding, P.L.**, Nguyen, V.T. Holdup in fluid-solid two-phase flow. I. Theoretical 8-79360
- Spedding, P.L.**, Nguyen, V.T. Holdup in fluid-solid two-phase flow. II. Experimental development 8-79361
- Speer, E.R.** see Lowenstein, J.H. 8-86408
- Spheert, T.** see Bratanow, T. 8-75151
- Speidel, K.H.** see Goldring, G. 8-66240
- Speidel, K.-H.** Enhanced transient fields 8-72445
- Speight, M.V.**, Harris, J.E. The generation of stresses in oxide films growing by cation diffusion 8-60865
- Speiser, R.** see Meyrick, G. 8-73988
- Speiser, S.** see Tenenbaum, J. 8-82955
- Spek, A.L.** see Heinerman, J.J.L. 8-55778
- Spektor, A.A.** Variational method of investigating contact problems with slip and cohesion 8-63398
- Spektor, A.R.** see Somov, B.V. 8-57524
- Spelbos, A.** see Van den Enden, L. 8-50658
- Spence, D.A.**, Kenning, D.B.R. Unsteady heat conduction in a quarter plane, with an application to bubble growth models 8-75045
- Spence, D.A.**, Mkrtrchian, J.Z. The Boussinesq problem for a material with different moduli in tension and compression 8-55564
- Spence, J.W.**, Edney, E.O., Hanst, P.L. Peroxychloroformyl nitrate: synthesis and thermal stability 8-76880
- Spencer, C.M.** see Smith, J.G. 8-82190
- Spencer, D.E.** see Moon, P. 8-93542
- Spencer, D.** Eberle see Eberle Spencer, D.
- Spencer, D.J.** Sensitive F_2 absorption diagnostic 8-74896
- Spencer, D.J.**, Clendening, C.W., Jr. F_2 absorption measurement in a combustion-driven chemical-laser nozzle 8-79011
- Spencer, D.J.** see Herbelin, J.M. 8-63103, 8-63105, 8-79012
- Spencer, E.A.** see Finlay, J.B. 8-77148
- Spencer, J.E.**, Rowland, F.S. Bromine nitrate and its stratospheric significance 8-53227
- Spencer, J.E.** see Burman, R.L. 8-70573
- Spencer, J.E.** see Hoffman, G.W. 8-54760
- Spencer, J.E.** see Hoffmann, G.W. 8-62674, 8-70526
- Spencer, J.H.** see Genzel, R. 8-61901
- Spencer, J.H.** see Moran, J.M. 8-93377
- Spencer, J.H.** see Rosen, B.R. 8-53949
- Spencer, N.W.** see Hedin, A.E. 8-88959
- Spencer, P.** see Ansara, I. 8-60646
- Spencer, P.J.**, Kubaschewski, O. A thermodynamic assessment of the iron-oxygen system 8-79780
- Spencer, P.N.** see Cleaver, B. 8-55963
- Spencer, R.D.** see Jameson, D.M. 8-54423
- Spencer, R.E.** see Davis, R.J. 8-65633
- Spencer, R.G.**, Chun Ming Leung Infrared radiation from dark globules 8-53999
- Spencer, R.H.** Noise control of the standard light rail vehicle 8-87191
- Spencer, W.J.** For diabetics: an electronic pancreas 8-88767
- Spencer, W.J.**, Corbett, W.T., Dominguez, L.R., Shafer, B.D. An electronically controlled piezoelectric insulin pump and valves 8-53565
- Spengler, W.**, Kaiser, R., Christensen, A.N., Muller-Vogt, G. Raman scattering, superconductivity and phonon density of states of stoichiometric and nonstoichiometric TiN. [Comparison with TiC] 8-52499
- Spengler, W.** see Kaiser, R. 8-68506
- Speranskaya, A.A.** see Anisimova, E.P. 8-61429
- Speranskii, L.S.**, Pushistov, P.Yu., Gutman, L.N. Hydrodynamic methods for local weather prediction 8-61521
- Sperber, D.** see Birkelund, J.R. 8-50224
- Sperber, D.** see De, J.N. 8-62568, 8-89834, 8-89894
- Sperduto, A.** see Bolton, C. 8-82405
- Sperduto, A.** see Hallock, J.N. 8-93944
- Sperduto, A.** see Lazzarini, A.J. 8-62563
- Sperl, G.** Crack propagation in austenitic sheets 8-60797
- Sperlich, G.** see Urban, P. 8-52347
- Sperling, L.H.** Interpenetrating polymer networks and related materials 8-76623
- Sperling, L.H.** Mechanical behavior of polymer blends, blocks, grafts, and interpenetrating networks 8-91270
- Sperling, L.H.** see Siegfried, D.L. 8-83749
- Spero, A.**, Baierlein, R. Approximate symmetry groups of inhomogeneous metrics: examples 8-62129
- Spero, A.**, Szafron, D.A. Spatial conformal flatness in homogeneous and inhomogeneous cosmologies 8-69924
- Sperr, P.**, Wagner, W., Essel, H., Hartel, K., Henning, W., Kienle, P., Korner, H.J., Rehm, K.E., Weber, J. Search for delayed fission products from superheavy nuclei in the reaction $^{136}\text{Xe} + ^{208}\text{Pb}$ 8-70562
- Sperr, W.R.** A phenomenological approach to fatigue crack growth rate prediction 8-67101
- Spesivtsev, B.I.** see Antipenko, B.M. 8-90116
- Speth, E.** see Feist, J.H. 8-54965
- Speth, J.**, Dehesa, J.S., Faessler, A., Madsen, V.A., Rinker, G.A., Wambach, J. Fragmentation of the electric multipole strength in ^{208}Pb 8-50142
- Speth, J.** see Dehesa, J.S. 8-50087
- Speth, J.** see Ebert, K. 8-54686
- Speth, J.** see Rinker, G.A. 8-94334, 8-94335
- Speth, J.** see Wambach, J. 8-86520
- Speth, P.** Time-spectral analysis of large-scale eddy transport of sensible heat and momentum 8-92899
- Spetzler, H.** see Sobolev, G. 8-61405
- Spevacek, J.** Association of stereoregular poly(methyl methacrylates) in dilute solution. Proton NMR study 8-76321
- Spevakova, I.P.** see Bazhan, A.N. 8-88125
- Speybroeck, L.P.** Van see Van Speybroeck, L.P.
- Spezeski, J.J.**, Ruff, G.A., Wing, W.H. Molecular ion source having low energy spread and single-electron-impact excitation 8-89594
- Speziale, C.G.** see Eringen, A.C. 8-51125
- Speziali, V.** see Donati, S. 8-53467, 8-69176
- Spicer, B.M.** see Roos, P.G. 8-62535
- Spicer, D.S.** see Hooy, P. 8-89159
- Spicer, L.D.** Calculation of the average energy of recoil hot reactions. Hot hydrogen replacement reactions in alkane systems moderated with noble gases 8-68906
- Spicer, L.D.** see Ferro, L.J. 8-86531
- Spicer, L.D.** see Stevens, D.J. 8-73071
- Spicer, W.E.**, Lindau, I., Helms, C.R. Frontiers in surface and interface analysis 8-61130
- Spicer, W.E.**, Lindau, I., Miller, J.N., Ling, D.T., Pianetta, P., Chye, P.W., Garner, C.M. Studies of surface electronic structure and surface chemistry using synchrotron radiation 8-53254
- Spicer, W.E.** see Chye, P.W. 8-60203
- Spicer, W.E.** see Garner, C.M. 8-92170, 8-95349
- Spicer, W.E.** see Johannessen, J.S. 8-84303
- Spicer, W.E.** see Lindau, I. 8-95358
- Spicer, W.E.** see Ling, D.T. 8-71919, 8-71956
- Spicer, W.E.** see Miller, J.N. 8-95682
- Spicer, W.E.** see Schwarz, S.A. 8-72006, 8-95240
- Spicer, W.E.** see Skeath, P. 8-91514
- Spiegel, E.A.** Photoconvection 8-89190
- Spiegel, E.A.** see Gough, D.O. 8-89179
- Spiegel, E.A.**, Zahn, J.P. (editor) Proceedings of the Colloquium No.38 of the International Astronomical Union 8-89176
- Spiegel, R.** see Kruger, J.K. 8-76485
- Spiegelmann, F.**, Malrieu, J.-P. Theoretical calculation of the excited states of the Ar_2 dimer 8-78643
- Spiegler, P.** see Frieda, D. 8-53462
- Spiering, H.** Evaluation of single crystal Mossbauer spectra (^{57}Fe) in external magnetic fields: Fe in $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ 8-88237
- Spiering, H.**, Witzgall, R. Polarization effects in Mossbauer absorption by the diamagnetic powder of sodium-nitropresside in external magnetic fields 8-68418
- Spiering, H.** see Volland, U. 8-83948
- Spiers, F.W.**, Beddoe, A.H., Whitwell, J.R. Mean skeletal dose factors for beta-particle emitters in human bone. I. Volume-seeking radionuclides 8-77115
- Spiers, F.W.**, Whitwell, J.R., Beddoe, A.H. Calculated dose factors for the radiosensitive tissues in bone irradiated by surface-deposited radionuclides 8-53512
- Spies, G.O.** Magnetohydrodynamic spectrum of instabilities due to plasma rotation 8-59582
- Spiesecke, H.** see Kruger, G.J. 8-94975
- Spieß, G.** see Scheidt, H. 8-78778
- Spieß, H.**, Gerspach, A., Mays, C.W. Soft-tissue effects following ^{224}Ra injections into humans 8-96070
- Spieß, H.** see Mays, C.W. 8-96071
- Spieweck, F.** Classification of I_2 hyperfine components and their suitability for the stabilization of laser wavelengths 8-86965
- Spieweck, F.** Laser frequency stabilization by I_2 absorption lines (at 582 THz) 8-90430
- Spiga, G.** see Benoist, P. 8-89930
- Spiga, G.** see Boffi, V.C. 8-50233
- Spiga, G.** see Landini, P. 8-50232
- Spigelman, J.H.** Toward an elemental grounding of microphysics 8-86106
- Spighel, M.** see Binon, F. 8-54804, 8-82582
- Spight, C.** see Coppi, B. 8-79409
- Spight, L.D.** Solar insolation measurements at Las Vegas, Nevada 8-69427
- Spiker, R.C., Jr.** see Levin, I.W. 8-68494
- Spiller, G.D.T.**, Dobson, P.J. Comments on 'Hexagonal phase in ultra-thin films of lead' 8-63952
- Spillman, W.B., Jr.** see Soref, R.A. 8-55438
- Spina, G.** see Mancini, M. 8-62856
- Spindel, R.C.** see Porter, R.P. 8-90571
- Spindler, E.** see Schleinkofer, L. 8-78657
- Spindler, P.**, Nachtrieb, K. Lattice and grain-boundary diffusion of phosphorus in commercially-pure copper 8-79817
- Spinelli, G.** see Cavalleri, G. 8-57776
- Spinelli, M.C.** see Bosi, P. 8-75757, 8-95122
- Spinelli, M.C.** see Cubiotti, G. 8-91203
- Spinelli, P.** see Anelli, E.F. 8-82585
- Spinelli, P.** see Cutts, D. 8-78380, 8-89746
- Spiner, O.M.** see Barannik, V.A. 8-65319
- Spinetti, M.** see Baldini-Celio, R. 8-89724
- Spingarn, J.R.**, Nix, W.D. Diffusional creep and diffusional accommodated grain rearrangement 8-84896
- Spingarn, K.** see Bergman, R.N. 8-64920
- Spinhirne, J.D.** see Reagan, J.A. 8-61501
- Spinka, H.** Recent results on polarization phenomena 8-78224
- Spinka, H.** see Auer, I.P. 8-62433, 8-78206
- Spinka, H.** see Aver, I.P. 8-62432
- Spinka, H.** see Colton, E. 8-55074
- Spinka, H.** see Nasser, M.A. 8-70532
- Spinolo, G.** see Benedek, G. 8-59895
- Spinolo, G.** see De Luca, F. 8-60160
- Spinrad, B.I.** Accuracy requirements in burnup determination for various applications 8-58342
- Spinrad, B.I.** Reactor burn-up: sources of errors and uncertainties in calculational and experimental methods 8-58343
- Spinrad, B.I.**, Wu, C.H. A general correlation for independent fission product yield uncertainties 8-50216
- Spinrad, H.**, Smith, H.E. Observations of stars optically misidentified with extragalactic radio sources 8-73708
- Spinrad, H.** see Stauffer, J. 8-57508
- Spinrad, R.W.**, Zaneveld, J.R.V., Hasong Pak Volume scattering function of suspended particulate matter at near-forward angles: a comparison of experimental and theoretical values 8-55299
- Spira, M.W.** Precision grinding with pellets and high-speed polishing by means of synthetic material 8-50958
- Spiridenkov, E.M.** see Burq, J.P. 8-89741
- Spiridon, S.** see Bunus, F. 8-73117
- Spiridonov, V.B.** see Il'ina, V.P. 8-84986
- Spiridonov, V.G.** see Zahariev, V.I. 8-81271
- Spiridonov, V.P.**, Gershikov, A.G., Butayev, B.S. Spectroscopic calculations of electron diffraction parameters of diatomic molecules 8-70932
- Spiridonov, V.P.** see Gershikov, A.G. 8-58818
- Spiridonov, V.P.** see Girichev, G.V. 8-86843
- Spiridonov, V.P.** see Shabanov, V.F. 8-68515
- Spiridonov, V.V.** see Sapelkin, N.V. 8-83000
- Spirko, V.**, Papousek, D. Prediction of the inversion splittings of the ν_2 vibrational levels in phosphine (PH_3 , PD_3 and PMu_3) 8-90146
- Spir'kova, E.S.** see Vakulov, P.V. 8-69624
- Spirtel, J.C.** see Potzel, W. 8-83902
- Spiro, I.J.** (editor) Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.124. Modern Utilization of Infrared Technology III. Civilian and Military 8-77984
- Spirov, L.E.**, Prutkov, A.E., Danilov, V.F., Burnakov, K.K. Conditions for the formation of stable austenite in steel 000Kh13N8D2TM 8-84868
- Spiritus, V.B.** On calculation of ground surface displacements for longitudinal incident wave directed from below to inclined media interface 8-85485
- Spisak, M.J.**, Daehnick, W.W. A helical cathode position sensitive proportional counter system for use in a broad range spectrograph 8-82578
- Spisak, M.J.** see Daehnick, W.W. 8-82364
- Spital, R.D.** see Bauer, T.H. 8-74266
- Spitale, G.C.** see Chapman, T.C. 8-66324
- Spitale, M.C.** see Fiorella, O. 8-58324
- Spitaleri, C.** see Arena, N. 8-74381
- Spitaleri, C.** see Fallica, P.G. 8-82324
- Spite, F.** see Spite, M. 8-65616
- Spite, M.**, Spite, F. Nucleosynthesis in the Galaxy and the chemical composition of old halo stars 8-65616
- Spitler, M.**, Lubke, M., Gerischer, H. The role of triplet states in dye sensitization of ZnO electrodes 8-76869
- Spitsyn, A.I.** see Mende, F.F. 8-68109
- Spitsyn, V.I.**, Kop'ev, A.V., Ryzhkov, V.G., Sokolov, N.V., Troitski, O.A. Flattening mill for ultrasonic strip and tungsten, employing ultrasound and electroplastic effect 8-84941
- Spitsyna, V.D.** see Belyaev, L.M. 8-52445
- Spitz, A.L.**, Fitzgerald, J.W., Harrison, D.C. Ambulatory arrhythmia quantification by a correlation technique 8-81020
- Spitz, J.** see Paidassi, S. 8-76204
- Spitz, P.** see Kaltenbach, M. 8-73197
- Spitz, S.** see Quesne, C. 8-70468
- Spitzer, H.** see Alexander, G. 8-89766
- Spitzer, H.** see Berger, C. 8-62414, 8-89725
- Spitzer, H.** see Bickermann, A. 8-79693
- Spitzer, H.** see Scarr, J.M. 8-54634
- Spitzer, J.J.** Model of polarisable spheres: a reappraisal 8-56898
- Spitzer, L.** Physical processes in interstellar medium 8-65679

- Spitzig, W.A.**, Hsun Hu, Sober, R.J. Effect of dynamic strain ageing on the plastic anisotropy and mechanical properties of low-carbon phosphorus steels 8-64608
- Spitzli, P.** *see* Kempf, B. 8-56252
- Spitznagel, J.A.**, Choyke, W.J. Laser-monitored electrothinner for preparation of ultrathin metal foils 8-53074
- Spitznagel, J.A.** *see* Choyke, W.J. 8-71773
- Spitznagel, J.A.** *see* McGruer, J.N. 8-71719
- Spivak, G.V.**, Ivannikov, V.P., Luk'yanov, A.E., Rau, E.I. Development of scanning mirror electron microscopy for quantitative evaluation of electric microfields 8-74110
- Spivak, G.V.**, Saparin, G.V., Sluev, V.I., Elovikov, S.S., Bykov, M.V. The localization and sensitivity to impurities of analysis using cathodoluminescence with a scanning electron microscope 8-95985
- Spivak, G.V.** *see* Kan, A.Z. 8-93775
- Spivak-Lavrov, I.F.** *see* Glikman, L.G. 8-50690
- Spjeldvik, W.N.**, Fritz, T.A. Theory for charge states of energetic oxygen ions in the Earth's radiation belts 8-77427
- Spjeldvik, W.N.** *see* Fritz, T.A. 8-88999
- Spiegelstra, H.** *see* Brink, H.M.T. 8-81342
- Spohn, H.** Entropy production for quantum dynamical semigroups 8-57883
- Spohn, H.** The Lorentz process converges to a random flight process 8-73941
- Spohr, R.** *see* Heitman, H. 8-52324
- Spokoyny, F.E.** *see* Gorbis, Z.R. 8-55680
- Spolaore, P.** *see* Maier, R. 8-90008
- Spolidor, A.**, Goux, C. Theoretical model of the formation of textures in cold rolling 8-68705
- Spol'nik, Z.A.** *see* Akhiezer, I.A. 8-55901
- Spooner, J.A.** *see* Bathala, C.T. 8-77289
- Spooner, R.B.** EKG amplifiers [preventive maintenance] 8-69232
- Spooner, R.B.** Electronic thermometers [preventive maintenance] 8-69235
- Spooner, R.B.** Medical CRT displays [calibration and maintenance] 8-69240
- Spooner, R.B.** (editor) Hospital instrumentation care and servicing for critical care units 8-69231
- Spoonhower, J.P.** *see* Shapiro, S.L. 8-96012
- Spore, J.W.**, Shiralkar, B.S. A generalized computational model for transient two phase thermal hydraulics in a single channel 8-94091
- Sportouch, S.** *see* Tabacik, V. 8-78710
- Sporykhin, A.N.** Theory of stability of compressible elastoplastic ground 8-96198
- Sporykhin, A.N.** *see* Skachenko, A.V. 8-94603
- Spracklen, C.T.** *see* Jones, T.B. 8-61657
- Sprague, D.L.** *see* Kazmerski, L.L. 8-67928, 8-72648
- Sprague, R.A.** Acoustooptic snapshot PROM: a real time optical signal spectrum analyzer 8-90494
- Sprague, R.A.**, Nisenson, P. The PROM—a status report 8-79123
- Sprang, H.A.** Van *see* Van Sprang, H.A.
- Sprangle, P.**, Granatstein, V.L. Enhanced gain of a free-electron laser 8-63050
- Sprawls, P., Jr.** Equivalent blur of intensifying screens [radiography] 8-69197
- Spreen, J.H.**, Morgenthaler, F.R. Magnetoelastic energy of stripe domain patterns 8-68334
- Spreiter, J.R.** *see* Chaussee, D.S. 8-96370
- Spreizer, H.** *see* Kindl, P. 8-73245
- Sprenger, W.O.** *see* Corruccini, L.R. 8-54369
- Spretnak, J.W.** Fracture initiation under metal-working conditions 8-64662
- Spring, K.K.**, Hope, A. Size and shape of the lateral intercellular spaces in a living epithelium 8-77032
- Springer, J.** *see* Silberman, E. 8-74063
- Springer, R.M.** Suprathreshold information transfer in the visual system: brightness match profiles of high contrast gratings 8-56992
- Springer, R.W.** Controlling surface finished in vacuum deposited coating for laser fusion targets 8-60863
- Springer, R.W.** Strength optimization of coatings using material laminate techniques 8-60883
- Springer, R.W.**, Catlett, D.S. Rate and pressure dependence of contaminants in vacuum-deposited aluminum films 8-72732
- Springer, T.** *see* Lottner, V. 8-67792
- Springer, T.** *see* Richter, D. 8-87821
- Springett, M.J.** *see* Hayhurst, A.N. 8-51272
- Springford, M.** *see* Elliott, M. 8-84130
- Springford, M.** *see* Paul, D.McK. 8-84128
- Springmann, B.** *see* Knappe, B. 8-72379
- Springthorpe, A.J.**, Rider, M.J. Novel double-heterostructure lasers 8-50803
- Sproat, W.H.** *see* Ulrich, R.H. 8-88594
- Sprogis, A.A.**, Krumin, A.E., Shternberg, A.R., Skuya, L.N. Optical spectra and luminescence of a transparent lanthanum-modified lead zirconate-titanate ferroelectric ceramic 8-76508
- Sproles, E.S., Jr.**, Duquette, D.J. Interface temperature measurements in the fretting of a medium carbon steel 8-64741
- Spross, R.L.** *see* Cossairt, J.D. 8-82285
- Sprott, J.C.** *see* Strait, E.J. 8-94923
- Sproule, O.E.** *see* Bates, B. 8-77490
- Sprouse, G.D.** *see* Brenn, R. 8-74735
- Sprouse, G.D.** *see* Dafni, E. 8-62482
- Spruch, L.** *see* Kelsey, E.J. 8-82629
- Spruch, L.** *see* Shakeshaft, R. 8-78803, 8-90289
- Spruch, L.** *see* Wadehra, J.M. 8-94213
- Spruit, W.P.** *see* Beck, H.G.E. 8-68059
- Sprung, D.W.L.** Super soft core models of the N-N interaction 8-66217
- Sprung, D.W.L.** *see* Bhaduri, R.K. 8-50099
- Sprung, D.W.L.** *see* Vallieres, M. 8-90059
- Sprungmann, K.** *see* Cann, C.D. 8-83962
- Sprusil, B.**, Vostry, P., Maisnar, J., Selecka, M. Resistivity changes in cold-worked Cd-Ag and Cd-Zn 8-68827
- Sprusil, B.** *see* Vlacha, E. 8-88478
- Spudich, P.K.P.**, Salisbury, M.H., Orcutt, J.A. Ophiolites found in oceanic crust? 8-81117
- Spudis, P.D.** *see* Greeley, R. 8-81576
- Spulber, I.** *see* Pascal, H. 8-51237
- Spurk, J.H.** The static stability of cascades 8-79306
- Spurling, K.** *see* Aitken, T.W. 8-82004
- Spurling, R.A.** A technique for preparing foils of directionally solidified Ni-W eutectic composite for transmission electron microscopy 8-53072
- Spurny, F.**, Turek, K. On the use of dielectric track detectors in neutron dosimetry. I. Basic dosimetric properties 8-66425
- Spurny, F.** *see* Galan, P. 8-57075
- Spurny, F.** *see* Turek, K. 8-82574
- Spurny, K.** *see* Gentry, J. 8-81341
- Spurny, K.R.**, Baumert, H.P. Formation of a combined benzo(a)pyrene and carbon black aerosol 8-80796
- Spurny, K.R.** *see* Gentry, J.W. 8-57351
- Spurny, Z.** SI units in nuclear sciences: today's reality 8-81939
- Spyra, W.** *see* Horn, E. 8-84744
- Spyridelis, J.** *see* Bartozkas, D. 8-71853
- Spyridelis, J.** *see* Kambas, K. 8-84572
- Spyrou, N.** Relativistic equations of motion of extended bodies 8-73898
- Spyrou, N.M.** *see* Kouris, K. 8-77108
- Spytkowski, W.** *see* Makowska, E. 8-78993
- Squeren, A.M.** *see* Le Squeren, A.M.
- Squier, G.T.A.** *see* Batt, C.J. 8-62578
- Squier Hanni, R.**, Madey, J.M.J. Shielding by an electron surface layer 8-52059
- Squire, J.M.** *see* Sjoström, M. 8-53592
- Squire, L.C.**, Schetz, J.A., Nerney, B. Comment on 'Turbulent boundary layer with injection and surface roughness' [and reply] 8-94654
- Squire, W.** Numerical Fourier transformation: singularity expansions and product integration 8-89316
- Squires, E.J.** *see* McCall, M.H. 8-93851
- Squires, K.C.** *see* Goodin, D.S. 8-77063
- Squires, L.** *see* Baer, T. 8-73028
- Squyres, S.W.** Martian fretted terrain: flow of erosional debris 8-65537
- Srebnnyuk, S.M.**, Gorban', V.A. The virtual mass of a system of bubbles 8-75186
- Srebnrenik, S.**, Bader, R.F.W., Tung Nguyen-Dang, T. Subspace quantum mechanics and the variational principle 8-70002
- Srebnrenik, S.** *see* Bader, R.F.W. 8-65798
- Sredniawski, J.** The vacuum system transient simulator and its application to FTIR 8-74496
- Sreedhar, V.A.** *see* Dombeck, T. 8-82255
- Sreedhar, V.A.** *see* Lamsa, J.W. 8-54658
- Sreenivasan, K.R.**, Britz, D., Antonia, R.A. Structure of turbulent bulges in an axisymmetric jet 8-90955
- Sreenivasan, K.R.**, Chambers, A.J., Antonia, R.A. Accuracy of moments of velocity and scalar fluctuations in the atmospheric surface layer 8-92891
- Sreenivasan, K.R.** *see* Antonia, R.A. 8-69357
- Sribnyi, L.E.** *see* Antropov, L.I. 8-61022
- Sridhar, B.** *see* Sandor, T. 8-69216
- Sridhar, C.G.** *see* Alward, J.F. 8-91612
- Sridhar, K.** *see* Rankin, G.W. 8-79354
- Sridhar, R.** *see* Srinivasa Rao, K. 8-70442
- Sridhar, S.**, Hayfeh, A.H. Acoustic propagation in nearly annular ducts 8-83141
- Sridhar, T.**, Potter, O.E. Spin exchange and broadening of electron spin resonance spectra in solutions 8-52357
- Sridhar, T.**, Potter, O.E. Gas-liquid diffusion coefficients measured by ESR linewidths 8-91929
- Srikantiah, G.** *see* Tewary, J. 8-94800
- Srinath, L.S.** *see* Keshavan, S.Y. 8-50695
- Srinivas, M.D.** Conditional probabilities and statistical independence in quantum theory 8-77757
- Srinivas, M.D.** Quantum generalization of Kolmogorov entropy 8-86232
- Srinivas, T.K.** *see* Prasad, M. 8-64086
- Srinivasa Rao, K.**, Sridhar, R. Cluster model wave function and the r.m.s. radius of ⁷Li 8-70442
- Srinivasa Rao, K.**, Venkatesh, K. New FORT-RAN programs for angular momentum coefficients 8-89359
- Srinivasa Rao, K.N.** *see* Saroja, D. 8-62291
- Srinivasacharya, K.G.** *see* Morton, A.H. 8-87483
- Srinivasan, B.**, Anders, E. Noble gases in the unique chondrite, Kakangari 8-65570
- Srinivasan, J.** *see* Lee, S.L. 8-59517
- Srinivasan, K.** *see* Botschwina, P. 8-58587
- Srinivasan, K.** *see* Klockner, H.W. 8-74664
- Srinivasan, M.** *see* Job, P.K. 8-74438
- Srinivasan, M.** *see* Kumar, A. 8-74425
- Srinivasan, M.G.**, Krajcinovic, D., Valentin, R.A. Dynamic plastic response of an immersed pipe 8-59317
- Srinivasan, M.R.** *see* Bhat, T.N. 8-75641
- Srinivasan, P.** *see* Joshi, S.G. 8-81830, 8-83313
- Srinivasan, R.**, Lakshmi, G. Lattice dynamics of K_{1-x}Rb_xBr on the pseudo-crystal model 8-75762
- Srinivasan, R.**, Sathyanarayana, S. Instantaneous corrosion rates of partially reversible metal/metal ion systems by Faradaic rectification. II. Experimental verification in zinc/alkali and lead/sulphuric acid systems 8-80667
- Srinivasan, R.** *see* Cevc, P. 8-89518
- Srinivasan, R.** *see* Lakshmi, G. 8-71935
- Srinivasan, R.** *see* Manjunath, C.V. 8-64337
- Srinivasan, R.** *see* Ramanathan, K.V. 8-54416, 8-72470, 8-84485
- Srinivasan, R.** *see* Ramaswamy, K. 8-61116
- Srinivasan, R.** *see* Sathyanarayana, S. 8-80666
- Srinivasan, R.S.**, Ramachandran, S.V. Large-amplitude vibration of oblique panels 8-55505
- Srinivasan, S.**, Jah, S.S. Surface exciton modes for plane and spherical semiconductor-metal interfaces 8-64113
- Srinivasan, S.K.**, Sukavanam, S. Approximate two-fold generating function of photocoats of Gaussian light 8-58963
- Srinivasan, T.M.** *see* Jain, V.K. 8-64261, 8-64270
- Srinivasan, V.** *see* Davenport, D.A. 8-69930
- Srinivasan, V.** *see* Stroke, G.W. 8-91199
- Sriram Shastry, B.**, Agarwal, G.S., Rama Rao, I. The Heisenberg ferromagnet in spin coherent state representation 8-80117
- Srirama Rao, M.** *see* Rama Rao, P.V.S. 8-69596
- Srirama Rao, M.** *see* Ramachandra Rao, B. 8-65552
- Srivastava, B.N.**, Jacob, J.H., Mangano, J.A., Rokni, M. Stability criteria in metal vapor discharges 8-66802
- Srivastava, B.N.**, Werle, M.J., Davis, R.T. Viscous shock-layer solutions for hypersonic sphere cones 8-51186
- Srivastava, B.N.** *see* Mangano, J.A. 8-94920
- Srivastava, G.P.** *see* Jain, S.K. 8-71807
- Srivastava, J.B.** *see* Sinvhal, S.D. 8-57585
- Srivastava, J.K.**, Supe, S.J. Stability of CaSO₄:Dy thermoluminescent phosphor in high dose region 8-90027
- Srivastava, J.K.** *see* Nagarajan, R. 8-92006
- Srivastava, K.K.** *see* Goyal, D.R. 8-72449, 8-89468
- Srivastava, K.M.** The stability of an anisotropic plasma jet 8-69667
- Srivastava, K.N.**, Gupta, O.P., Palaiya, R.M. Interaction of elastic waves in two bonded dissimilar elastic half-planes having Griffith crack at interface. I 8-67091
- Srivastava, K.P.**, Ojha, S.P. Effect of second neighbour interaction on the frequencies of defect-clusters in a linear chain 8-63826
- Srivastava, K.P.** *see* Ojha, S.P. 8-90273
- Srivastava, K.S.**, Shrivastava, R.L., Harsh, O.K. Intensity of high energy plasmon satellites in the X-ray emission spectra of Al and Si 8-64430
- Srivastava, K.S.** *see* Shrivastava, R.L. 8-64431, 8-64432
- Srivastava, M.K.** *see* Singh, S.N. 8-86949
- Srivastava, N.C.** Surface wave propagation through a small gap between oppositely magnetized ferrite substrates 8-50680
- Srivastava, N.C.** Nonreciprocal reflection of electromagnetic waves from magnetized ferrite 8-71006
- Srivastava, N.C.** *see* Rattan, I. 8-52335
- Srivastava, O.N.** *see* Singh, A.-K. 8-91574
- Srivastava, P.K.** *see* Bhargava, S.C. 8-71277
- Srivastava, P.L.** *see* Singh, R.N. 8-91632
- Srivastava, P.N.** *see* Kumar, A. 8-53450
- Srivastava, R.** *see* Saxena, S.C. 8-85301
- Srivastava, R.B.**, Schuyler, M.W., Dosser, L.R., Purcell, F.J., Atkinson, G.H. Resonance Raman spectra of cytochrome c and oxyhemoglobin using pulsed laser excitation and optical multichannel detection 8-76999
- Srivastava, R.C.** Parameterization of raindrop size distributions 8-77301
- Srivastava, R.C.**, Chacko, P.V., Srivastava, S., Yadav, S. Relaxation time for composite membranes 8-68926
- Srivastava, R.C.**, Murthy, A.S.N., Saini, G.R. Solar energy conversion through phase transformations 8-60155
- Srivastava, R.C.** *see* Chacko, P.V. 8-95905

- Srivastava, R.C. *see* Srivastava, S.P. 8-79714
- Srivastava, R.C. *see* Verma, B.G. 8-67271, 8-67272
- Srivastava, R.D. *see* Farber, M. 8-76900
- Srivastava, R.K., Bhatnagar, C.S. Tubular magneto-electrets of silastic 8-56419
- Srivastava, R.K., Qureshi, M.S., Bhatnagar, C.S. Thermally stimulated discharge currents in tubular magneto-electrets of polymethyl methacrylate 8-88250
- Srivastava, R.P. Theoretical investigation of energy-trapping mechanism by atomic systems 8-78669
- Srivastava, R.P., Joshi, Y.N., Van Kleef, T.A.M. Levels in the $4d^{8/6}$ and $4d^{8/5d}$ configurations of the fifth spectrum of indium: In V 8-62748
- Srivastava, R.P. *see* Joshi, Y.N. 8-90105
- Srivastava, R.S. *see* Gupta, O.P. 8-51965
- Srivastava, R.S. *see* Prasad, B. 8-71815
- Srivastava, R.S. *see* Rai, B.P. 8-91773
- Srivastava, S. *see* Srivastava, R.C. 8-68926
- Srivastava, S.K., Pathak, M.P. A time-symmetric tachyon universe 8-86153
- Srivastava, S.K., Srivastava, S.L. Dielectric relaxation studies in chloral and ethyltrichloroacetate 8-60384
- Srivastava, S.K., Tanaka, H., Chutjian, A. Elastic scattering of intermediate energy electrons by HCN 8-90291
- Srivastava, S.K., Trajmar, S. Electron impact excitation of autoionising states of krypton 8-90302
- Srivastava, S.K. *see* Vuskovic, L. 8-50641
- Srivastava, S.L. Microwave spectrum and barrier to internal rotation in 5 methyl isoxazole 8-58665
- Srivastava, S.L. *see* Johri, G.K. 8-58668, 8-74648
- Srivastava, S.L. *see* Krishnaji 8-58666
- Srivastava, S.L. *see* Narain, N.K. 8-78833
- Srivastava, S.L. *see* Sanyal, N.K. 8-61143
- Srivastava, S.L. *see* Srivastava, S.K. 8-60384
- Srivastava, S.P. High temperature dependence of thermal expansion coefficient of lithium fluoride—An interatomic potential approach 8-95166
- Srivastava, S.P., Singh, I.D. Debye temperature of molecular crystals 8-63828
- Srivastava, S.P., Srivastava, R.C., Pandey, S.D. Effect of anharmonicity on the Anderson-Grüneisen parameter 8-79714
- Srivastava, T.S., Tyagi, S., Nath, A. Emission Mossbauer study of the stereochemical trigger that initiates cooperative interaction of hemoglobin subunits 8-53321
- Srivastava, T.S. *see* Nigam, A.N. 8-74676
- Srivastava, U.C. Electron binding energies and chemical edge-shifts 8-62822
- Srivastava, V.K. *see* Singal, C.M. 8-72277
- Srivastava, Y. *see* Creco, M. 8-82107
- Srivastava, Y. *see* Lusignoli, M. 8-70375
- Srivastava Shishir *see* Shishir Srivastava
- Srivatsavan, R., Subramanyan, S. A cumulative damage rule based on successive reduction in fatigue limit 8-92358
- Srivastava, P.P. New compact form of a multipseudoparticle configuration and other solutions of Yang-Mills theory 8-54558
- Srnanek, R., Habovcik, P. Determining the polarity of {111} InP substrates 8-56575
- Srnanek, R., Habovcik, P. Preparation of InP substrates 8-56576
- Srnka, J. *see* De, B.R. 8-83524
- Srobar, F. *see* Prochazkova, O. 8-60591
- Sroka, G.J. *see* Meisels, G.G. 8-80776
- Srouf, B. *see* Akridge, J.R. 8-68431
- Srouf, B. *see* Wintenberger, M. 8-87650
- Srulovicz, P. *see* Goldstein, J.L. 8-57015
- St-Jacques, R.G. *see* Terreault, B. 8-95089
- St-Maurice, J.-P. On a mechanism for the formation of VLF electrostatic emissions in the high latitude F-region 8-93037
- Staa, R. *van see* van Staa, R.
- Stabinis, A. *see* Danelius, R. 8-71150
- Stablein, H.-G. Arcs in cross flow 8-75484
- Stabrovskii, S.A. *see* Efimov, I.A. 8-66338
- Stace, A.J., Murrell, J.N. A classical trajectory study of collisional energy transfer in thermal unimolecular reactions 8-62882
- Stacey, B.J. *see* Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Stacey, B.J. *see* Emms, M.J. 8-89734
- Stacey, D.W. *see* Bloch, P.D. 8-72061
- Stacey, D.W. *see* Jenkin, G.T. 8-56179
- Stacey, F.D. Possibility of a geophysical determination of the Newtonian gravitational constant 8-81098
- Stacey, W.M., Jr. A plasma-wall-divertor model for Tokamaks 8-58462
- Stacey, W.M., Jr. Effect of sources upon collisional transport in Tokamaks 8-83529
- Stacey, W.M., Jr., Brooks, J.N., Evans, K., Jr., Todd, A.M.M. Plasma engineering for the Tokamak experimental power reactor 8-66418
- Stacey, W.M., Jr. *see* Brooks, J.N. 8-54954
- Stach, W. *see* Clement, H. 8-54768
- Stachnik, R.V. *see* Nisenso, P. 8-65385
- Stachorska, D. *see* Wronski, Z. 8-63596
- Stachowiak, H. Calculation of the magnetoresistance of polycrystalline metals 8-56129
- Stachowiak, M. *see* Krajewski, T. 8-63886
- Stachura, S., Stachura, Z. The effect of non-uniform structure on the properties of cast steel L47 II 8-84850
- Stachura, Z. *see* Haas, B. 8-54675
- Stachura, Z. *see* Stachura, S. 8-84850
- Stachurski, Z.H. *see* Edward, G.H. 8-80607
- Stacy, W.T., Daniele, J.J. Interfacial elastic strains in (Al,Ga)As/GaAs heterostructures grown by liquid phase epitaxy 8-72019
- Stacy, W.T. *see* Belouet, C. 8-91279
- Stadelmaier, H.H. *see* Fiedler, M.-L. 8-92241
- Staden, J.C. *van see* Van Staden, J.C.
- Stadnichenko, N.P. *see* Skrynchenko, Yu.M. 8-68649
- Stadnichuk, I.N. *see* Litvin, F.F. 8-53329
- Stadnik, B. Optical diffraction in an anisotropic medium with regard to the recording and processing of optical information 8-90364
- Stadnik, M.M. *see* Panasyuk, V.V. 8-63383
- Stadnik, V.E. High-temperature heating of ion source of a mass-spectrometric leak detector 8-78028
- Stadnik, Ya.F. Stabilization of the operation of a rotary press during the production of optical component blanks 8-59165
- Stadt, H. *van de see* van de Stadt, H.
- Stadtlander, G. *see* Levine, A.L. 8-50847
- Staebler, D.L. *see* Burke, W.J. 8-82929
- Staebler, D.L. *see* Onsager, L. 8-67821
- Staehle, R.W. *see* Galvele, J.R. 8-95852
- Staehli, J.-L., Frova, A., Schmid, Ph. Excitation-induced absorption and luminescence at the GaSe exciton 8-60516
- Staelin, D.H. *see* Rosenkranz, P.W. 8-73436
- Staemmler, V. *see* Kollmar, H. 8-90058
- Staerk, H. *see* Schomburg, H. 8-76879
- Staerk, H. *see* Werner, H.-J. 8-56888
- Stafast, H. *see* Schule, R. 8-82816
- Stafeyev, V.I. *see* Rudovol, T.V. 8-95353
- Staffansson, L.-I. *see* Zancheva, L. 8-88571
- Stafford, P.S. Remote diagnostic techniques used in Viking Land operations 8-57426
- Stafford, R.G., Chang, R.K., Kindlmann, P.J. Laser-Raman monitoring of ambient sulfate aerosols 8-69532
- Stafsudd, O.M. *see* Pedinoff, M.E. 8-54442
- Stager, C.V., Campbell, C.C.M. Antiferromagnetic order in the Heusler alloy, $\text{Ni}_2\text{Mn}(\text{Mn}, \text{Sn})_{1-x}$ 8-64189
- Stagg, J.P. *see* Giffard, R.P. 8-84026
- Stagno, V. *see* Brautti, G. 8-82539
- Stahara, S.S. *see* Chaussee, D.S. 8-96370
- Stahel, D.P. *see* Jahn, R. 8-74379, 8-82365
- Stahl, F.A. *see* Wolf, R.P. 8-87574
- Stahl, H. *see* Pritzlaff, B. 8-63721
- Stahl-Lariviere, H. *see* Botter, R. 8-92572
- Stahlberg, R. Examination of the rupture mechanism of ice and wood 8-52976
- Stahlberg, R. Crack growth behaviour of the austenitic steels X6 CrNi1811 and X6CrNiMo1713 under the conditions of a sodium-cooled fast breeder reactor 8-56798
- Stahle, C.V. Modal test methods and applications 8-79252
- Stahli, G., Sturzenegger, Ch. On the formation of austenitic boundary layers by short laser-pulse reaction with steel 8-88555
- Stahli, H. *see* Berg, W.F. 8-84246
- Stahlkopf, K.E., Marston, T.U. An assessment of reactor pressure vessel irradiated materials considerations 8-52966
- Stahov, J. *see* Blatnik, S. 8-50034
- Staib, P., Staudenmaier, G. Surface effects and impurity production in Tokamak machines 8-94127
- Staikov, G., Budevski, E., Juttner, K. Metal ion adsorption by electrolytically grown (111) and (100) silver single crystal surfaces 8-68636
- Staikov, G., Juttner, K., Lorenz, W.J., Schmidt, E. On evidence of nucleation effects in metal ion adsorption 8-68635
- Stainert, K.G. *see* Pottkhoff, Kh. 8-73654
- Stainforth, J.G. A simple theory for the dispersion of real and apparent finite-strain lineations 8-88832
- Stair, A.T., Jr. *see* Nadile, R.M. 8-81456
- Stair, A.T., Jr. *see* O'Neil, R.R. 8-89037, 8-89038
- Stairs, D.G. *see* Conetti, S. 8-93905
- Stairs, D.G. *see* Hartmann, J. 8-62460
- Stajic, J. *see* Djukic, Z. 8-57082
- Stakelon, T. Spin wave propagation near the surface of a ferromagnet with surface anisotropy 8-68308
- Stakhnevich, V.V. *see* Grachev, E.L. 8-86387
- Staley, S.W. *see* Moore, J.H. 8-86942
- Stal'gorova, O.V. *see* Voronov, F.F. 8-87735
- Stalhandske, C. A neutron diffraction study of mercury(II) selenate monohydrate 8-55838
- Stalhandske, C. Mercury(II) chromate 8-63712
- Stalio, R. *see* Lamers, H.J.G.L.M. 8-93217
- Stalker, R.J., Crane, K.C.A. Driver gas contamination in a high-enthalpy reflected shock tunnel 8-63448
- Stalla, L. An optical technique for dye laser jet stream thickness measurement in real time 8-82975
- Stallard, J., Sankarankutty, M., Rose, G.K. Lower-limb vertical ground-reaction forces during crutch walking 8-77079
- Staller, R.F.A. *see* Henrichs, H.F. 8-57475
- Stallhofer, P., Miosga, H., Kotthaus, J.P. The effect of temperature and stress on the surface cyclotron resonance in (100)Si 8-60229
- Stallings, C. *see* Burkhalter, P.G. 8-59670
- Stals, L. *see* van Guysse, J. 8-87722
- Stalyarov, A.N. *see* Mal'tsev, V.M. 8-56894
- Stamate, F. *see* Grosu, Cs. 8-67509
- Stamatova, L. *see* Gatev, V. 8-61163
- Stamenkovic, I., Simicic, V., Martinovic, P., Stefanovic, R., Sigulinski, F. Properties of $\text{Al}_2\text{O}_3\text{-SiO}_2$ heat insulating refractories 8-68662
- Stamenkovic, S., Plakida, N.M., Aksienov, V.L., Siklos, T. Unified theory of ferroelectric phase transitions: quantum limit 8-68461
- Stamenov, D.B. Deep inelastic lepton-hadron scattering in massive vector gauge models 8-74262
- Stamenov, D.B. *see* Morozov, P.T. 8-89720
- Stamenov, K. *see* Dinev, S. 8-55369
- Stamnes, J.J., Sherman, G.C. Radiation of electromagnetic fields in biaxially anisotropic media 8-66723
- Stamov, I.G. *see* Radautsan, S.I. 8-64105
- Stampa, A., Wulf, H.O. The behaviour of electrostatic double probes in plasmas with high-amplitude RF fields 8-59675
- Stamper, J.A., McLean, E.A., Ripin, B.H. Studies of spontaneous magnetic fields in laser-produced plasmas by Faraday rotation 8-59680
- Stamper, J.A. *see* Lehmberg, R.H. 8-67411
- Stampf, E.J. *see* Durig, J.R. 8-84586
- Stampf, E.J. *see* Odum, J.D. 8-90155
- Stancampiano, P.A. Simulation approaches to probabilistic structural design at the component level 8-94056
- Stanchu, A.V. *see* Botgros, I.V. 8-52778
- Stancic, V. One model of three-particle nuclei 8-78276
- Stanciu, G.A. *see* Popescu, I.M. 8-52035
- Stanco, J. *see* Milewski, J. 8-63053
- Stancu, F. The sensitivity of the real part of the nucleus-nucleus potential to nuclear densities 8-82291
- Stancu, Fl. *see* Brink, D.M. 8-62556
- Standage, M.C. *see* MacGillivray, W.R. 8-66507
- Stander, C.M., Pacey, R.A. The lattice energy of magnesium hydride 8-83768
- Standing, R., Nicholas, M. The wetting of alumina and vitreous carbon by copper-tin-titanium alloys 8-71904
- Standlee, A.G. *see* Pinnow, D.A. 8-74974
- Standley, R.D. *see* Ramaswamy, V. 8-63201, 8-71203, 8-94430
- Standzenieks, P., Rindby, A., Selin, E. Development of a low power monoenergetic X-ray tube for trace element analysis 8-70686
- Stanek, H. *see* Christ, A. 8-70663
- Stanek, J. *see* Sawicka, B.D. 8-52391
- Stanek, S. *see* Knessl, O. 8-80810
- Stanek, T. *see* Rachwalska, M. 8-83970
- Stanek, Z. *see* Maftul, J. 8-63599, 8-75439
- Stanescu, L. *see* Burzo, E. 8-52199, 8-52410, 8-84503
- Stanev, E. *see* Panchev, S. 8-96278
- Stanev, G.A. The outflow of ultracold neutrons from chambers during reflection from a diffused potential threshold 8-82411
- Stanev, G.A. *see* Kashukeev, N.T. 8-86566
- Stanev, T. *see* Betev, B. 8-57414
- Stanford, J.L., Dunkerton, T.J. The character of ultra-long stratospheric temperature waves during the 1973 austral winter 8-92901
- Stanforth, C.G. Noise and railways 8-55514
- Stang, P.D. *see* Leventhal, M. 8-93475
- Stange, L. Contributions of geodesy to research in geodynamics 8-81101
- Stanic, B.V. Cyclotron and upper hybrid resonance frequency in reflected pulse by magnetoplasma half space 8-63569
- Stanic, B.V. *see* Cander, Lj.R. 8-75352
- Stanica, N. *see* Garlea, I. 8-70537
- Stanioch, W. Equivalent luminescence of spectrally different parafoveal stimuli 8-53414
- Stanisic, M.M. A contribution to the stability of circular plates 8-77700
- Stanislavskii, T.S. *see* Bessonova, T.S. 8-72570
- Stankevich, V.S. Measurements of the absorption of the radiation of an H_2O laser at a wavelength of $\lambda = 118.6 \mu\text{m}$ by pure water vapor 8-75255
- Stankov, K. *see* Dinev, S. 8-55369
- Stankowski, J., Pislewski, N., Idziak, S. NMR high resolution in solids 8-60345
- Stankowski, J. *see* Mackowiak, M. 8-74038
- Stankowski, J. *see* Zapart, W. 8-60331
- Stanley, D. *see* Petrovich, F. 8-66313
- Stanley, D. *see* Wojciechowski, H. 8-78411

- Stanley, D.J. Ionian Sea sapropel distribution and late Quaternary palaeoceanography in the eastern Mediterranean 8-73350
- Stanley, D.J., Knight, R.J., Stuckenrath, R., Catani, G. High sedimentation rates and variable dispersal patterns in the western Hellenic Trench 8-57193
- Stanley, H.E. *see* Klein, W. 8-93620
- Stanley, H.E. *see* Nakanishi, H. 8-77804
- Stanley, H.E. *see* Reynolds, P.J. 8-77805
- Stanley, H.R. *see* Brooks, R.L. 8-81233
- Stanley, P. Determination of the transition temperature and associated mechanical properties of stress-birefringent materials 8-56454
- Stanley, P. *see* Khayyat, F.A. 8-56682
- Stanley, S.O. *see* Hartwig, E.O. 8-81211
- Stanley, W.D. Cryogenic techniques and geophysical measurements 8-96322
- Stannard, J. Transient capacitance in GaAs and InP MOS capacitors 8-95374
- Stannard, P.R. Radiationless transitions in a magnetic field 8-66580
- Stannett, V. The transport of gases in synthetic polymeric membranes—an historic perspective 8-76912
- Stannett, V. *see* Liepins, R. 8-95942
- Stanoev, P.K. *see* Georgiev, G.M. 8-52512
- Stansfield, O.M., Smith, C.L., Myers, B.F., Scheffel, W.J. Performance of ThO₂ in HTGR fuel particles 8-86622
- Stanton, R.E. *see* Holt, J.G. 8-53505
- Stanz, A., Dressel, P.G., Kuhlmeier, M. Characteristics of microstructure in alloy steels—considered statistically 8-95884
- Stanzel, R. *see* Scaltriti, F. 8-53857
- Stanziola, R., Momiroff, B., Hemmendinger, H. The Spectra Sensor—a new generation spectrophotometer 8-54429
- Stanzl, St., Mitsche, R. High frequency fatigue of metals, crack initiation and propagation 8-60978
- Stapanov, G.I. *see* Botgros, I.V. 8-52778
- Stapelbroek, M. *see* Kappers, L.A. 8-80213
- Stapf, I., Gebhardt, E. The structure of the systems silver-praseodymium and silver-neodymium 8-51472
- Staples, E.J., Lim, T.C. 300 MHz oscillators using SAW resonators and delay lines 8-59255
- Staples, E.J. *see* Neurgaonkar, R.R. 8-80298
- Stapp, H.P. Topological expansion for baryons and mesons 8-70335
- Stappaerts, E.A. *see* Krishnan, K.S. 8-59091, 8-79070
- Starace, A.F. *see* Huang, K.-N. 8-94181
- Staras, H. *see* Calo, S.B. 8-77313
- Starbova, K. *see* Platikanova, V. 8-62253
- Starchenko, N.A. *see* Novchan, S.P. 8-81162
- Starenchenko, V.V., Kobylev, V.S., Kozlov, E.V., Popov, L.E. Thermo-activated mechanism of plastic deformation in single crystals of the disordered alloy Ni₃Fe 8-84909
- Starik, P.M. *see* Drapak, Z.T. 8-83984
- Starikov, V.N. *see* Yenykeyeva, F.Kh. 8-61582
- Starikova, G.A. Orbits of 12 visual binary stars 8-69842
- Staritsyn, V.E. *see* Berezkhova, G.V. 8-60904
- Stark, E.E., Jr., Jansen, J. CO₂ laser systems studies 8-50817
- Stark, E.E., Jr., Leland, W.T., Vokin, H.C. Nanosecond pulse and application in CO₂ at efficiencies exceeding 20% 8-50818
- Stark, J. *see* Barna, A. 8-64909
- Stark, J.P. Solid state second phase redistribution in an applied field 8-51721
- Stark, J.P. Spheroidal precipitate motion in a temperature gradient by volume diffusion 8-64544
- Stark, J.P. Precipitate migration in an applied field by volume diffusion 8-64545
- Stark, J.P. *see* Shelton, T.C. 8-88486
- Stark, J.P. *see* Shih, S. 8-51736, 8-87812
- Stark, J.P.W., Culhane, J.L. A search for X-ray line emission in the spectrum of the Cygnus Loop 8-93379
- Stark, L. *see* Hung, G. 8-61167
- Stark, L. *see* Kenyon, R.V. 8-61186
- Stark, L. *see* Usui, S. 8-64998
- Stark, R. *see* Gerdin, G.A. 8-58430
- Stark, R. *see* Thielert, R. 8-49884
- Stark, R.W., Trivisonno, J. Ultrasonic attenuation calculations for magnesium, zinc, and cadmium. II. Shear waves 8-91589
- Stark, R.W. *see* Trivisonno, J. 8-91588
- Stark, W.A., Jr. Cesium solubility, diffusion and permeation in zirconium carbide 8-51684
- Stark, W.A., Jr. Diffusion coefficient determination using a size-variation technique 8-83991
- Stark, Yu.S. *see* Zvonkov, S.D. 8-79968
- Starkeand, Y. *see* Kirson, M.W. 8-82292
- Starke, E.A., Jr. *see* Chakraborty, S.B. 8-60700
- Starke, E.A., Jr. *see* Fu-Shiong Lin 8-64788
- Starke, K. *see* Vulli, M. 8-56562, 8-56563
- Starkey, J., Cutforth, C. A demonstration of the interdependence of the degree of quartz preferred orientation and the quartz content of deformed rocks 8-88818
- Starkey, J., Sutherland, I. A re-investigation of the orientation of quartz in a shear zone from Castell Odair, Scotland 8-77216
- Starmer, C.F. *see* Smith, W.M. 8-73224
- Starobin, B.Ya. *see* Nikitinskii, V.A. 8-79405
- Starobinets, A.A. *see* Litvinov, E.A. 8-72704
- Starobinskii, A.A. On one nonsingular isotropic cosmological model 8-77635
- Starodub, A.N. Parametric instability under conditions of strong coupling of a pump wave with an inhomogeneous plasma 8-94912
- Starodub, A.N. *see* Vladimirov, A.B. 8-83577, 8-87454
- Starodub, V.G. *see* Stroganov, G.B. 8-56612
- Starodubov, V.K. *see* Aref'ev, K.P. 8-92143
- Starodubtsev, E.V. *see* Akaev, A. 8-78966
- Starokon', V.I. *see* Arsaev, I.E. 8-67364
- Starokozhev, B.S. *see* Kal'ner, V.D. 8-95856
- Starokozhev, B.S. *see* Kletskin, Ya.G. 8-92269
- Staronka, A., Piekarska, M. The structure of liquid silicic acid slags and their density and surface tension 8-83711
- Starosta, K., Berkova, D., Zelinka, J. GaP thin films deposited by radio-frequency sputtering 8-52667
- Starostenko, V.I., Oganessian, S.M. Stable operational processes and their application in geophysical problems 8-85718
- Starostin, A.D. Laminar boundary layer on a permeable surface in crossed magnetic and nonuniform electric fields 8-75118
- Starostin, A.D. The turbulent boundary layer on a permeable surface in crossed magnetic and nonuniform electric fields 8-94836
- Starostin, A.N. *see* Baranov, V.Yu. 8-59696
- Starostin, A.N. *see* Lopantseva, G.B. 8-71612
- Starostin, A.N. *see* Napartovich, A.P. 8-58994
- Starostin, N.V., Gerasyuk, A.K., Ganin, V.A. Cerium impurity centers in fluorite crystals with different charge compensation 8-67995
- Starostin, N.V. *see* Onopko, D.E. 8-84640
- Starostina, L.S. *see* Predtechenskii, B.S. 8-52029
- Starov, V.M. *see* Deryagin, B.V. 8-51792
- Starov, V.M. *see* Martynov, G.A. 8-51793
- Starovator, A.A. *see* Dupuyev, A.Kh. 8-69579
- Staroverov, B.A. *see* Trakhtenberg, R.M. 8-70106
- Starovoitov, E.M., Ryabova, V.G., Gurvich, L.V., Khitrov, A.N., Nazarenko, I.I., Belyaev, A.V. Spectrometric determination of the dissociation energies of molecules. V. Hydroxides of alkaline-earth metals CaOH and Ca(OH)₂ 8-74789
- Starozhukov, D.I., Popov, Yu.S., Privalova, P.A. Determination of absolute γ yields in a decay of ²⁴³Am 8-86516
- Starr, A. *see* Goodin, D.S. 8-77063
- Starr, C.D. *see* Wang, T.P. 8-49832
- Starr, E.A., Beranek, L.L. Noise measurements, 1977 8-83189
- Starr, J.R. *see* Roy, M.G. 8-57298
- Starr, R. *see* Bowles, T.J. 8-93988
- Starr, S.J. *see* Tsui, B.M.W. 8-73223
- Starr, T.B. *see* Bryson, R.A. 8-69413
- Starr, W.L. *see* Loewenstein, M. 8-81288
- Starfield, S., Truran, J.W., Sparks, W.M., Arnold, M. On 'Li production in nova explosions 8-57555
- Starshin, M.I., Tsikin, B.G. Conical waves from scattering of laser radiation in a plasma 8-59667
- Starshinin, V.I. *see* Semenov-Ezhov, I.E. 8-73853
- Start, D.F.H., Collins, P.R., Jones, E.M., Riviere, A.C., Sweetman, D.R. Observation of beam-induced currents in a toroidal plasma 8-59620
- Startsev, A.V. *see* Baboshin, V.N. 8-50769
- Startsev, A.V. *see* Mikheev, L.D. 8-79008
- Startsev, A.V. *see* Sokolov, E.I. 8-59439
- Startsev, V.E., Volkenshtein, N.V. Electronic structure and magnetic breakdown in ruthenium 8-91600
- Startsev, V.E. *see* Cherepanov, A.N. 8-95290
- Startsev, V.E. *see* Vol'kenshtein, N.V. 8-76041, 8-91666
- Startsev, V.I. *see* Gol'dshtein, V.A. 8-54748
- Startsev, V.S. *see* Zatepin, A.F. 8-67656
- Startsev, Yu.K. *see* Mazurin, O.V. 8-67654
- Starukhin, A.N. *see* Verbin, S.Yu. 8-71804
- Starukhin, A.S. *see* Gradyushko, A.T. 8-55197
- Starukhin, A.S. *see* Solov'yov, K.N. 8-62812
- Starukhin, V.P. *see* Il'yankov, A.I. 8-70117
- Sary, F. *see* Andrejtscheff, W. 8-86506
- Sary, F. *see* Beitish, M.P. 8-54720
- Sary, V. Method for determination of coefficient of surface self-diffusion and adhesion energy of evaporated material 8-84080
- Starykh, V.V. *see* Winkler, R. 8-71509
- Starzak, M.E. *see* Divens, W.G. 8-78839
- Starzhinskii, V.E., Doroshkina, T.A., Mozharovskii, V.V., Osipenko, S.A. An experimental study of contact parameters for a cylinder with a polymer coating 8-68842
- Starzhinskii, V.M. Oscillations in nearly conservative systems 8-62069
- Stas', A.G. *see* Gerashchenko, O.A. 8-85385
- Stas', O.P., Sheinfain, R.Yu., Neimark, I.E. Factors affecting the porous structure of silico-zirconium adsorbents 8-53263
- Stas, V.F. *see* Gerasimenko, N.N. 8-64093
- Stasch, A. Theory of Raman scattering by coupled phonon-magnon excitations in FeF₂ 8-72531
- Stasch, A., Barnas, J. Effects of magnon-acoustical phonon hybridization in the far-infrared absorption spectrum of FeF₂ 8-60271
- Staseev, V.G. *see* Vopilkin, A.Kh. 8-95897
- Staselko, D.J. *see* Aristov, A.V. 8-82963
- Staselko, D.J. *see* Galperin, A.D. 8-82922
- Stasenka, A.L. *see* Garkusha, V.I. 8-71390
- Stasenka, I.V., Maurin, A.S. Steady creep of thin-walled tubes in combined loading 8-83269
- Stasi, W. *see* Sforza, P.M. 8-63433
- Stasiak, J.W. *see* Telschow, K.L. 8-83187
- Stasinska, G. Empirical methods for determining elemental abundances tested on model H II regions 8-61908
- Stasinska, G. Ionization and temperature structure of H II regions: the influence of the star, the gas density and its chemical composition 8-61911
- Stasiukaitis, V. *see* Ambrazevicius, A. 8-67596
- Stassinopoulos, E.G. The radiation background in space and its evaluation 8-82588
- Stassis, C., Kline, G., Kamitakahara, W., Sinha, S.K. Lattice dynamics of FCC ³He 8-51785
- Stassis, C., Loong, C.-K., Kline, G.R., McMasters, O.D., Gschneider, K.A., Jr. Field induced magnetic form factor of γ -Ce 8-68151
- Stassis, C., Zarestky, J., Harmon, B.N. Temperature dependence of the c-axis phonon dispersion curves of HCP Zr 8-59884
- Stassis, C. *see* Edelstein, A.S. 8-68159
- Stasyuk, I.V. *see* Levitskii, R.R. 8-76409
- Stasz, J. ESR line intensity near the Curie point in CdCr₂Se₄, HgCr₂Se₄, and CdCr₂S₄ single crystals 8-64269
- Staszewska, G. *see* Mrugala, F. 8-74724
- Staszewski, P. On the characterization of the von Neumann entropy via the entropies of measurements 8-54229
- Stather, J.W. *see* Harrison, J.D. 8-77117
- Stathopoulos, A.Y. *see* Saldin, D.K. 8-83854
- Staton, M.A. *see* Gordon, B.A. 8-82216
- Stat'yev, A.A. *see* Yarkho, S.A. 8-75190
- Statz, H. *see* Dorschner, T.A. 8-79064
- Stauber, M.C., Suh, P.K. Induced radiations in spacecraft as background to gamma/X-ray measurements 8-85821
- Stauber, M.C. *see* D'Agostino, M.D. 8-85238
- Stauch, M., Sigel, H., Geffers, H., Bitter, F., Adam, W.E. Noninvasive determination of the left ventricular ejection fraction with radionuclides 8-80962
- Staudacher, T., Jessberger, E.K., Dorfinger, D., Kiko, J. A refined ultrahigh-vacuum furnace for rare gas analysis 8-77918
- Stauda, E. *see* Baum, L. 8-89758
- Stauda, H.J. *see* Roser, S. 8-81587
- Stauda, J. Models of heat flux in the subphotospheric layers of sunspots and the interpretation of umbral granulation 8-73692
- Staudenmaier, G. *see* Staib, P. 8-94127
- Staudenmann, J.-L. The electron charge distribution in V₂Si 8-75631
- Staudhammer, F.G. *see* Shemdin, O.H. 8-77248
- Staudhammer, K.P. *see* Murr, L.E. 8-67769
- Staudinger, A. Structural defects in annealed silicon containing oxygen 8-75673
- Staudt, G. *see* Morike, M. 8-78387
- Stauffer, D. Scaling assumption for lattice animals in percolation theory 8-54313
- Stauffer, D. Applications of Larkin-Khmelnitzkii theory to static and dynamical critical phenomena in uniaxial ferroelectrics 8-64327
- Stauffer, D. Speculations on the cluster radius below the percolation threshold 8-70073
- Stauffer, D., Binder, K. On the nature of the ordering in Ising spin glasses 8-80172
- Stauffer, F. Simulation of one-dimensional unsteady drainage in porous media 8-91011
- Stauffer, J., Spinrad, H. The spectrum of a bright meteor obtained with the Wampler scanner 8-57508
- Stauffer, N.L. *see* Cooper, L.K. 8-54480
- Stamm Olsen, J. *see* Cousins, C.S.G. 8-75499
- Stanton, L.P. Lorentz subgroup analysis of the Lie algebra of Sp(8, R) and a null-plane, boson realization 8-62116
- Staupendahl, G., Schindler, K. Self-defocusing of CO₂-laser radiation in tellurium 8-83043
- Staveley, L.A.K. *see* Calado, J.C.G. 8-84876
- Staveley, L.A.K. *see* Clayton, P.R. 8-75843
- Staveley, L.A.K. *see* Lewis, K.L. 8-75836
- Staveley, L.A.K. *see* Mraw, S.C. 8-75827
- Staveloz, P., Poortmans, F., Mewissen, L., Cornelis, E. Precise measurement of the capture width of the 6.67-eV neutron resonance of uranium-238 8-50162
- Staverman, A.J. *see* Hoogervorst, C.J.P. 8-73085
- Stavinskii, V.S. *see* Lovchikova, G.N. 8-54764
- Stavinskii, V.S. *see* Piskasin, V.M. 8-86564

- Staviskyuk, G.L. *see* Tumanskii, B.F. 8-56838
 Stavitskiy, N.N. *see* Ignatyuk, V.A. 8-51425
 Stavrianidis, S.A., Markeliya, R.A., Zarkua, O.A. Production of small quantities of finely divided unoxidized materials in a vibratory mill 8-68646
 Stavropoulos, C.C. *see* Harris, T.F.W. 8-73376
 Stavroudis, O.N., Fronczek, R.C., Rong-Seng Chang Geometry of the half-symmetric image 8-66773
 Stavrov, A.A. *see* Burakov, V.S. 8-61012
 Stavrovskii, D.B. *see* Basov, N.G. 8-71097
 Stawikowski, A. *see* Glebocki, R. 8-85937
 Staylor, W.F. Determination of stack plume properties from satellite imagery 8-88905
 Steadman, S.G. *see* Lazzarini, A.J. 8-62563
 Steadman, S.S., Likeness, B.K. GUERAP III simulation of stray light phenomena 8-58907
 Steangway, D.W. *see* Gose, W.A. 8-61760
 Steanovskaya, E.M. *see* Eremeev, M.A. 8-68597
 Stearner, S.P., Christian, E.J.B. Long-term vascular effects of ionising radiations in the mouse: capillary blood flow 8-80927
 Stearns, C.R. *see* Weidner, G.A. 8-81266
 Stearns, J.W. *see* Olson, R.E. 8-70921
 Stearns, L.P. *see* Kuhn, P.M. 8-96318
 Stearns, M.B. Coulomb and exchange scattering amplitudes from spin dependent residual resistivities in Fe and Ni hosts 8-64033
 Stearns, M.B. Simple explanation of the tunneling spin-polarisations of Fe, Co, Ni and its alloys 8-68095
 Stearns, M.B. Conduction electron polarisation and moment perturbations in dilute Fe₂Si based alloys 8-68224
 Stearns, M.B. Conduction-electron polarization and moment perturbations in dilute Fe₂Si-based alloys 8-68225
 Stearns, R. *see* Harrington, J.A. 8-66876
 Stebakov, V.M., Yurkov, E.N., Vasil'ev, E.V., Tyan, L.S. High-temperature centrifuge 8-57938
 Stebbings, R.F. Collision processes for atoms in high Rydberg states (experiment) 8-62908
 Stebbings, R.F. *see* Hildebrandt, G.F. 8-50620
 Stebbings, R.F. *see* Smith, K.A. 8-58795
 Stebbins, R.T. *see* Brown, T.M. 8-89138
 Stebbins, W.C. *see* Brown, C.H. 8-65038
 Stebbins, W.C. *see* Prosen, C.A. 8-57017
 Stebe, B., Munsch, G. Binding of an exciton to a neutral acceptor 8-79937
 Stebe, B., Sauder, T., Certier, M., Comte, C. Existence of charged excitons in CuCl 8-76496
 Stebler, B. *see* Lagerwall, S.T. 8-91230
 Steblevskii, A.V. *see* Alikhanyan, A.S. 8-53238
 Stebunov, O.B. *see* Petryaev, E.P. 8-61035
 Stech, B. *see* Achimov, Y. 8-86434
 Stecher, P. *see* Podest, M. 8-82597
 Stecher, T.P., Williams, D.A. Ionization of interstellar H₂ clouds by supernovae 8-69856
 Stecherova, E. *see* Podest, M. 8-82597
 Steck, D.J. Isospin forbidden and allowed reactions ¹⁶O(α,α')¹⁶O and ¹⁶O(α,γ)²⁰Ne 8-66292
 Steckel, G.L., Altstetter, C. Thermodynamics of oxygen in niobium-vanadium-oxygen solid solutions 8-68673
 Steckelmacher, W., Strong, R., Khan, M.N., Lucas, M.W. On the validity of beam-foil experiment designed to test theories of 'charge exchange to continuum states' of energetic ions 8-78794
 Steckelmacher, W., Strong, R., Lucas, M.W. A simple atomic or molecular beam as target for ion-atom collision studies 8-70971
 Steckelmacher, W. *see* Nyaiesh, A.R. 8-79653
 Stecker, F.W. The highest energy cosmic rays 8-57413
 Stecker, F.W. Baryon symmetric big bang cosmology 8-61945
 Stecker, F.W. The cosmic γ-ray background from the annihilation of primordial stable neutral heavy leptons 8-93479
 Stecki, J. *see* Sokolowski, S. 8-63928
 Steckl, A.J., Elabd, H., Jakobus, T. PbS-Si anisotype heterojunction characteristics 8-52075
 Steckl, A.J. *see* Elabd, H. 8-72743
 Steckler, K.D. *see* Brown, S.M. 8-59210
 Steckmeyer, J.C. *see* Bizard, G. 8-54643
 Stecura, S. Two-layer thermal barrier coating for high temperature components 8-56789
 Stedman, D.H., Harvey, R.B. Intercalibration of nitric oxide/nitrogen dioxide/ozone monitors 8-69529
 Stedman, D.H. *see* Cicerone, R.J. 8-85631
 Steeb, S. *see* Gukelberger, A. 8-84011
 Steeb, S. *see* Weber, M. 8-71669
 Steeb, W. Nonlinear autonomous dynamic systems, limit cycles and one-parameter groups of transformations 8-49641
 Steeb, W.-H. Diffusion equations and the geometric approach 8-54321
 Steeb, W.-H. The Lie derivative, invariance conditions, and physical laws 8-65748
 Steeb, W.-H. Lie algebras and dynamic nonlinear systems containing limit cycles 8-77666
 Steeb, W.-H. *see* Gensing, D. 8-51873, 8-56334
 Steeds, J.W., Rackham, G.M., Shannon, M.D. On the observation of dynamically forbidden lines in two- and three-dimensional electron diffraction 8-83675
 Steeds, J.W. *see* Buxton, B.F. 8-83662
 Steeds, J.W. *see* Cooke, K.E. 8-83698
 Steeds, J.W. *see* Fung, K.K. 8-83681
 Steeds, J.W. *see* Rackham, G.M. 8-83687, 8-83780
 Steeg, J.G. *van see* van Steeg, J.G.
 Steeger, G.H. Adaptive matched filters for the measurement of acoustically evoked potentials in the EEG 8-88755
 Steel, D., Thorsos, E., Yaakobi, B., Perry, B., Lee, C.M., Hauer, A., McCrory, R., Sukupsky, S. X-ray spectroscopic measurements of pR and comparison with theory in laser imploded targets 8-59685
 Steel, D. *see* Skupsky, S. 8-59663
 Steel, D.G., Rockett, P.D., Bach, D.R., Colestock, P.L. Ultradense reproducible Z-pinch suitable for CO₂ laser-pellet simulation experiments 8-55742
 Steel, D.G. *see* Ackenhuisen, J.G. 8-50826
 Steel, D.G. *see* Vest, C.M. 8-78930
 Steel, F.R. *see* Balzano, Q. 8-57039, 8-69222
 Steele, B.C.H. *see* Dudley, G.J. 8-55959
 Steele, B.C.H. *see* Weston, J.E. 8-95715
 Steele, C.J. Corrosion protection strategy for pollution control equipment 8-77317
 Steele, D. *see* Jao, T.-C. 8-70828
 Steele, S. *see* Kruglak, H. 8-54138
 Steele, W.A. The interaction of rare gas atoms with graphitized carbon black 8-75928
 Steele, W.A. *see* Barker, J.A. 8-72669
 Steele, W.F. *see* Burrell, C.F. 8-54933
 Steen, C. *van der see* van der Steen, C.
 Steenackers, P., Myncke, H., Cops, A. Reverberation in town streets 8-75013
 Steenbergen, Chr., De Graaf, L.A. Inelastic neutron-scattering study of the methyl group motions in dimethyltin difluoride 8-59769
 Steenhuysen, L.W.G., van Schaik, N., Denneeman, J.W. Measurements and calculations on neon afterglows 8-59715
 Steenhuysen, L.W.G., van Schaik, N., Verpaget, F. Pressure dependence of the production of 1s atoms by recombination in a neon afterglow 8-59716
 Steenhuysen, L.W.G. *see* Coolen, F.C.M. 8-67474
 Steenstrup, P.R. *see* Bjorno, L. 8-94504
 Steenstrup, S. The effect of screw-dislocations on the energy loss of channeled ions 8-67761
 Steeple, D. The structural and magnetic properties of the alloy Co-Pt 8-72368
 Steer, R.P. *see* Kapur, A. 8-86795
 Steere, R.L., Erbe, E.F., Moseley, J.M. A resistance monitor with power cut-off for automatic regulation of shadow and support film thickness in freeze-etching and related techniques 8-49810
 Stefan, B. *see* Slesar, M. 8-84832
 Stefan, M., Nemeth, S., Hatta, G. The relation of induced uniaxial anisotropy and coercive force 8-91904
 Stefan, M. *see* Foldeaki, M. 8-91903
 Stefan, P.M. *see* Ling, D.T. 8-71919
 Stefanacci, S. *see* Ronchi, L. 8-53399
 Stefani, G. *see* Camilloni, R. 8-62926
 Stefani, R. *see* Berthod, J. 8-70214
 Stefaniga, E. *see* Liteanu, C. 8-92549
 Stefanini, A.M. *see* Daly, P.J. 8-93964
 Stefanini, G. *see* Bregman, M. 8-89768
 Stefano, G. *Di see* Di Stefano, G.
 Stefanov, G.A. *see* Yastrebov, V.S. 8-77356
 Stefanov, S.D. *see* Khristova, M.G. 8-82530
 Stefanov, S.D. *see* Pandev, I.N. 8-78053, 8-82558
 Stefanovic, R. *see* Stamenkovic, I. 8-68662
 Stefanovich, A.E. *see* Dmitriev, A.P. 8-51999
 Stefanovich, A.V. *see* Savchenko, M.A. 8-68227, 8-72361
 Stefanovich, S.Yu., Venetsev, Yu.N. Identification and study of materials with ferroelectric and antiferroelectric properties by second-harmonic generation 8-74947
 Stefanovich, S.Yu. *see* Yanovskii, V.K. 8-79599
 Stefanovskii, V.M. Influence of natural gas evolution while melting on the separation of the boundary layer 8-67015
 Stefanski, K. *see* Dygdala, R.S. 8-82743
 Stefanski, R. *see* Benvenuti, A. 8-82196
 Stefanski, R. *see* Wanderer, P. 8-66073
 Stefanski, I.V. *see* Kuzyk, M.P. 8-56451
 Stefanskii, M.S., Gradoboeva, N.A., Isaeva, I.E. Five-component wide-angle pancreatic objectives 8-71190
 Stefansson, T. *see* Alger, S.R. 8-91055
 Stefanov, V.I. *see* Grebennik, V.S. 8-54340
 Steffen, B. A numerical method for the evaluation of an equilibrium configuration of a toroidal pinch 8-59649
 Steffen, D.A. *see* Olson, J.R. 8-69497
 Steffen, P. *see* Bartel, W. 8-89695
 Steffen, R.M. *see* Rinker, G.A. 8-62956
 Steffen, R.M. *see* Wohlfahrt, H.D. 8-54679
 Steffens, E. *see* Drevess, W. 8-89904
 Steffens, F. *see* Peblar, J. 8-68430
 Steffens, H.-D. *see* Seifert, K. 8-72871
 Steffens, P. *see* Benninghoven, A. 8-84685
 Stefiniw, M. *see* Shin, B.K. 8-67728
 Stegailov, V.I. *see* Alikov, B.A. 8-82562
 Stege, R. *ter see* ter Stege, R.
 Stegeman, G.I. *see* Fukui, M. 8-72101
 Stegeman, G.I. *see* May, W. 8-70180
 Stegeman, G.I. *see* Rowell, N. 8-80367
 Stegeman, G.I. *see* Rowell, N.L. 8-95587
 Stegeman, G.I. *see* Sarid, D. 8-64345, 8-66994
 Stegeman, G.I. *see* Teh, G.A. 8-87167
 Stegemann, D. *see* Benkert, J. 8-49827
 Stegemann, D. *see* Gebureck, P. 8-94065
 Stegemann, D. *see* Singh, O.P. 8-50237
 Steger, J.L. Implicit finite-difference simulation of flow about arbitrary two-dimensional geometries 8-94628
 Steger, T.R., Nielsen, L.E. Microvoid formation during deformation of high-impact polystyrene 8-80602
 Steglich, F. *see* Bredl, C.D. 8-52210, 8-52284
 Steglich, F. *see* Franz, W. 8-87963
 Steglich, F. *see* Lieke, W. 8-76054
 Steglich, F. *see* von Lohneysen, H. 8-52299
 Stegmann, R., Oelgart, G. Hybrid resonance in a quantising magnetic field in BiSb 8-67933
 Stegmann, R. *see* Oelgart, G. 8-80014
 Stegnukhina, L.V. *see* Pokidyshev, V.V. 8-60650
 Stehle, B. *see* Buckel, G. 8-74432
 Stehle, H. *see* Assmann, H. 8-66364
 Stehle, H. *see* Garzaroli, F. 8-58351
 Stehle, P. *see* Lee, H.W. 8-86827
 Stehlik, D. *see* Colpa, J.P. 8-91992
 Stehlik, M. *see* Kitikova, H. 8-61689
 Stehney, A.F. *see* Rowland, R.E. 8-96075
 Steigenberger, U. *see* Appold, G. 8-52494
 Steiger, Th. *see* Kuhn, W. 8-82646
 Steigert, K. *see* Krippendorf, C. 8-88677
 Steigman, G. *see* Gunn, J.E. 8-93091
 Steigman, G. *see* Jones, B.J.T. 8-65727
 Steigman, G.A. Resonance orbits and the rings of Uranus 8-81585
 Steigmeier, E.F., Harbecke, G., Auderset, H. Softening of the charge density wave excitation at the superstructure transition in 2H-TaSe₂ 8-79728
 Steimle, T.C. *see* Domaille, P.J. 8-70855
 Steimle, T.C. *see* Harris, D.O. 8-82757
 Steimle, T.C. *see* Nakagawa, J. 8-74685
 Stein, A., Rabinowitz, P., Kaldor, A. Radiance enhancement of the 16-μm CF₄ laser 8-87045
 Stein, A. *see* Rabinowitz, P. 8-94411
 Stein, B.F., Chen, T.F., Greifer, A.P. Thermally induced substrate fracture in LPE garnet film growth 8-68639
 Stein, D.L., Pisarski, R.D., Anderson, P.W. Boojums in superfluid ³He-A and cholesteric liquid crystals 8-56014
 Stein, E. *see* Rohrbach, R. 8-87273
 Stein, G. *see* Kennepohl, K. 8-82491
 Stein, G. *see* Mee, L.K. 8-77003
 Stein, G.D. *see* Wu, B.J.C. 8-94871
 Stein, G.D. *see* Yokozeki, A. 8-63645
 Stein, I., Gedanken, A. The photodissociation of HCN and DCN 8-58751
 Stein, J. *see* Brecher, A. 8-65565
 Stein, J.A. *see* Weiss, H.P. 8-77110
 Stein, J.W. *see* Kipp, S.L. 8-69779
 Stein, L. *see* Hill, T.L. 8-86223
 Stein, L.R. *see* Hirt, C.W. 8-75115
 Stein, N. *see* Betts, R.R. 8-62569
 Stein, N. *see* Riley, P.J. 8-70534
 Stein, N. *see* Russ, J. 8-78202
 Stein, P. *see* Cohen, I. 8-66123
 Stein, R.B., Oguztoreli, M.N. The radial decline of nerve impulses in a restricted cylindrical extracellular space 8-53379
 Stein, R.S. *see* Hashiyama, M. 8-68472
 Stein, R.S. *see* Maxfield, J. 8-67660
 Stein, R.S. *see* Warner, F.P. 8-55817
 Stein, R.S. *see* Wilkes, G.L. 8-91267
 Stein, S., Okal, E.A. Seismicity and tectonics of the Ninetyeast Ridge area: evidence for internal deformation of the Indian Plate 8-73343
 Stein, S. *see* Geller, R.J. 8-88797
 Stein, S. *see* Miller, W.F. 8-85712
 Stein, S. *see* Prescott, C.Y. 8-89719
 Stein, S.J. *see* Siuta, V. 8-91793
 Stein, S.R., Risley, A.S. Process in far-infrared frequency synthesis 8-90439
 Stein, S.R., van de Stadt, H. Electronic tuning and phase-lock techniques for optically pumped far infrared lasers 8-59055
 Stein, S.R. *see* Hellwig, H. 8-57908
 Stein, S.R. *see* Hellwig, H.W. 8-54345
 Stein, T.S., Kaupilla, W.E., Pol, V., Smart, J.H., Jesion, G. Measurements of total scattering cross sections for low-energy positrons and electrons colliding with helium and neon atoms 8-62916
 Stein, W.A. *see* O'Dell, S.L. 8-93440
 Stein, W.L. *see* Piccirillo, J. 8-89228
 Stein, Yu.Yu. *see* Kirillov, P.L. 8-94805

- Steinbach, M.J. *see* Ono, H. 8-69095
- Steinback, M., Anthony, P.J., Anderson, A.C. Heat capacity of Matsushita carbon resistance thermometers below 1K 8-65934
- Steinbeck, J., Dettmann, K. Energy loss of fast H_2^+ molecules in solids. I 8-79652
- Steinberg, D.J. *see* Mao, H.K. 8-70150
- Steinberg, E.P., Wilkins, B.D. Implications of fission mass distributions for the astrophysical r-process 8-93204
- Steinberg, J.L. *see* Knoll, R. 8-85796
- Steinberg, J.L. *see* Poquerusse, M. 8-61822
- Steinberg, M., Mpodozis Marin, C. Geochemical classification of radiolarites and oceanic siliceous sediments, paleo-oceanographic significance 8-96319
- Steinberg, M., Vi-Duong Dang Thermochemical water-splitting cycle applicable to fusion reactors for production of synthetic fuels 8-58458
- Steinberg, M. *see* Muller, C.H., III. 8-61132, 8-80762
- Steinberg, M. *see* Powell, J.R. 8-74479
- Steinberg, R. Automated meteorological data from commercial aircraft via satellite—present experience and future implications 8-57327
- Steinberg, R. *see* Cavaignac, J.F. 8-62527
- Steinberg, V. *see* Gitterman, M. 8-80778
- Steinberger, J. *see* Hansl, T. 8-74244, 8-89698, 8-89860
- Steinberger, J. *see* Holder, M. 8-55103
- Steinberger, U., Reineke, H.-H. Turbulent buoyancy convection heat transfer with internal heat sources 8-94540
- Steinborn, E.O. *see* Filter, E. 8-82608
- Steinbrech, R., Skrotzki, W., Haasen, P. Latent hardening of doped alkali halide single crystals 8-51607
- Steinbrener, S. On the type of multicritical point in NH_4Cl 8-83947
- Steinbrener, S., Jahn, I.R. The order-disorder phase transition in NH_4Cl : a new investigation by means of optical second harmonic generation at atmospheric pressure 8-51671
- Steinbruegge, K.B. *see* Hopkins, R.H. 8-71211
- Steinbrunn, A., Dumas, P., Colson, J.C. Auger spectroscopy, high energy and low electron diffraction study of the initial stages of sulphurisation of NiO (100) surface by H_2S 8-64888
- Steinemann, S.G. Invar-type alloys—magnetomechanical effects 8-52330
- Steiner, D. Technological requirements for Tokamak power systems 8-50345
- Steiner, D., Clarke, J.F. The Tokamak: model T fusion reactor 8-74472
- Steiner, D. *see* Reid, R.L. 8-54993, 8-58406
- Steiner, D. *see* Shannon, T.E. 8-58442
- Steiner, D.A. *see* Rubin, B. 8-86873
- Steiner, D.C. *see* Dean, A.M. 8-85162
- Steiner, F. *see* Eichmann, G. 8-82224
- Steiner, H. *see* Nagamiya, S. 8-54790
- Steiner, H. *see* Snyder, J.H. 8-89738
- Steiner, L. *see* Horvath, M. 8-75183
- Steiner, M. *see* Kjems, J.K. 8-95450
- Steiner, M.B. Magnetic polarity during the Middle Jurassic as recorded in the Summerville and Curtis Formations 8-65180
- Steiner, O. *see* Huang, H.K. 8-73243
- Steiner, P., Hochst, H., Hufner, S. XPS investigation of simple metals. I. Core level spectra 8-72701
- Steiner, P., Reiter, F.J., Hochst, H., Hufner, S., Fuggle, J.C. Lineshape of the KL_2L_3 ($D_{3/2}$) Auger line in magnesium and sodium metal 8-60535
- Steiner, P. *see* Hochst, H. 8-72702
- Steiner, U., Winter, G. Position dependent heavy atom effect in physical triplet quenching by electron donors 8-53197
- Steiner, W., Ortbauer, H., Gratz, E. First-order phase transitions in $(Ho,Y)Co_2$ 8-84426
- Steiner, W., Ortbauer, H., Gratz, E., Camen, H.W. Magnetic properties, electrical resistivity and thermal expansion of $(Ho,Y)Co_2$ 8-76246
- Steinfeld, J.L., Melzer, J.E. Double resonance spectroscopy of multiple-photon excited molecules 8-82060
- Steinfeld, J.I. *see* Jensen, C.C. 8-90264
- Steinfeld, J.I. *see* Lussier, F.M. 8-95936
- Steinfeld, J.I. *see* Poulsen, L.L. 8-70906
- Steinfeld, J.I. *see* Wilson, L.E. (editor) 8-63076
- Steinfelder, K. *see* Schiller, S. 8-76604
- Steinfink, H. *see* Cohen, S. 8-67690
- Steingroever, E. A magnetic saturation measuring coil system 8-93738
- Steingroever, E. *see* McDonald, D. 8-62210
- Steinhardt, H., Haasen, P. Creep and dislocation velocities in gallium arsenide 8-95783
- Steinhauer, C. *see* Trinks, H. 8-77383
- Steinhauer, L. *see* Hoffman, A. 8-58435
- Steinhauer, L.C. *see* Rose, P.H. 8-54980
- Steinhauer, A. *see* Schule, R. 8-82816
- Steinhäuser, P. Scale factor determinations of a La Coste and Romberg gravimeter model D 8-85724
- Steinitz, M.O. *see* Pink, D.A. 8-52329
- Steinke, T. *see* Quanbury, A.O. 8-80994
- Steinle, B. *see* Baltes, H.P. 8-50879
- Steinman, R.M. *see* Knowler, E. 8-61189
- Steinmann, E. *see* Darden, C.W. 8-62415, 8-93895
- Steinmann, O. Two-soliton solutions of relativistic field equations 8-74124
- Steinmann, W. *see* Himpel, F.-J. 8-56567
- Steinmetz, B., Stromich, A., Bangert, R., Gonsior, B., Roth, M., von Brentano, P. Reduced normalizations from (d,p) reactions and from elastic proton scattering on isobaric analogue resonances 8-86522
- Steinmetz, B. *see* Verbeek, P. 8-58336
- Steinmetz, D. *see* Ammou-Chokroum, M. 8-95817
- Steinmetz, L.L., Richardson, J.H., Wallin, B.W. A mode-locked krypton ion laser with a 50-psec pulse width in the near UV 8-79030
- Steinnes, E. Determination of tin in standard rocks by neutron activation analysis 8-85258
- Steinolfson, R.S., Dryer, M. Numerical simulation of MHD shock waves in the solar wind 8-77449
- Steinval, O. *see* Hagard, A. 8-57318
- Stejskal, J. *see* Neumann, L. 8-66353
- Steklov, A.F. On a possibility of stabilization of chains of galaxies by continuous background 8-73765
- Steklov, A.F. Atmospheres of planetary satellites. I. Possible existence 8-96415
- Steklov, V.O. *see* Emel'yanov, I.Ya. 8-86644
- Stelbovics, A.T. *see* Stingl, M. 8-86454, 8-89729
- Stell, G. *see* Erzan, A. 8-88246
- Stell, G. *see* Hoye, J.S. 8-71655, 8-91424
- Stell, G. *see* Martina, E. 8-84514
- Stella, A. *see* Geddo, M. 8-64120
- Stella, A.L., Toigo, F. Real-space renormalization group and critical phenomena in the two-dimensional spin- $1/2$ X-Y model 8-56338
- Stella, B. *see* Baldini-Celio, R. 8-89724
- Stelle, K.S. Classical gravity with higher derivatives 8-65845
- Stelle, K.S., West, P.C. Minimal auxiliary fields for supergravity 8-49742
- Stelle, K.S., West, P.C. Tensor calculations for the vector multiplet coupled to supergravity 8-86214
- Stelle, K.S., West, P.C. Matter coupling and BRS transformations with auxiliary fields in supergravity 8-93837
- Stellmacher, G. *see* Koutchmy, S. 8-69758, 8-89140
- Stel'makh, O.M. *see* Karlov, N.V. 8-58637
- Stelmakh, V.F. *see* Poklonskii, N.A. 8-79959
- Stel'makhov, Yu.N. *see* Belyaeva, A.I. 8-68284
- Stel'makhov, Yu.N. *see* Silaev, V.I. 8-77922, 8-81980, 8-86327
- Stel'mashenko, M.A. *see* Kuznetsova, S.I. 8-64220
- Stelson, P.H. *see* Kim, H.J. 8-58812, 8-66656
- Stelts, M., Browne, J.C. The dependence of the gamma-ray spectral shape on the neutron energy averaging interval size for the $^{181}Ta(n,\gamma)$ reaction 8-78373
- Stelts, M.L., Chrien, R.E. Energies and intensities of thermal neutron capture γ rays from Cl, Al and Fe relative to N 8-89876
- Stelzer, E.L. *see* Schmit, J.L. 8-72167
- Stelzer, H. *see* Eyal, Y. 8-82373, 8-90023
- Stelzer, H. *see* Olmi, A. 8-82375
- Stelzer, J.F., Scheidler, G.P. Natural convection heat transfer in closed gas-filled tubes 8-94703
- Stelzer, K. *see* Eyal, Y. 8-82373
- Stelzried, C.T. *see* Dennison, B. 8-53818
- Stempler, S., Sanders, H., Watkins, H., Boronow, E. Development of environmental noise codes for the city of New York 8-59202
- Stenbacka, R., Ekspang, G., Holmgren, S.O., Nilsson, S., Walck, Ch., Gregory, P., Mason, P., Muirhead, H., Warren, G. Single-pion production in antiproton-proton interactions 8-54645
- Stenback-Nielsen, H.C. *see* Hallinan, T.J. 8-89036
- Stenback-Nielsen, H.C. *see* Wescott, E.M. 8-77402
- Stenberg, M. *see* Lundstrom, I. 8-53317
- Stencel, J.M., Noland, D.M., Bradley, E.B., Frenzel, C.A. Ultrahigh vacuum chamber for Raman studies of gases adsorbed on metals 8-81991
- Stencel, J.M. *see* Bradley, E.B. 8-88288
- Stencel, R.E. The Ca II V/R ratio and mass loss 8-93208
- Stender, E. *see* Zendel, M. 8-70674
- Stenflo, J.O. Resonance-line polarization. III. The Hanle effect in a compact non-LTE radiative transfer formulation 8-61728
- Stenflo, J.O. The measurement of solar magnetic fields 8-81607
- Stenflo, J.O. *see* Stenholm, L.G. 8-69673
- Stenflo, L. Higher-order nonlinearities in the theory of parametric decay instabilities 8-79432
- Stenflo, L., Dysthe, K.B. Harmonic generation of acoustic gravity waves 8-88956
- Stenflo, L., Trulsen, J. Stimulated resonance line scattering in the ionosphere 8-57389
- Stenflo, L., Yakimenko, I.P. Scattering of electromagnetic waves on enhanced fluctuations in bounded plasmas 8-83576
- Stengel, K.C. *see* Booker, J.R. 8-55641
- Stenger, F. Optimal convergence of minimum norm approximations in H_2 8-54166
- Stenger, V. *see* Bosetti, P.C. 8-70357
- Stenger, V.J. *see* Bell, J. 8-54625, 8-93872, 8-93873
- Stenholm, L.G., Stenflo, J.O. Multi-dimensional non-LTE transfer of polarized radiation in magnetic fluxtubes 8-69673
- Stenholm, S. Theoretical foundations of laser spectroscopy 8-74071
- Stenholm, S., Javanainen, J. Velocity redistribution by standing waves 8-55327
- Stenholm, S., Minogin, V.G., Letokhov, V.S. Resonant light pressure due to a strong standing wave 8-50529
- Stenholm, S. *see* Bambini, A. 8-58973
- Stenin, S.I. *see* Gerasimenko, N.N. 8-87695
- Stenin, V.A., Titov, N.Ya. On determining the coefficient of thermal diffusion based on an electrokinetic effect 8-90641
- Stenius, P. *see* Rosenholm, J.B. 8-75543
- Stenlund, E. *see* Jakobsson, B. 8-70695
- Stenschke, H. *see* Forstmann, F. 8-52053
- Stensland, L. Integrated optics in technology 8-87169
- Stenz, C. *see* Garban, C. 8-59676
- Stenzenberger, V. The status of the super-8 technical camera 8-86365
- Stepa, A.P. *see* Popov, N.A. 8-89068
- Stepanek, A. End-effect correction of the Margules equation for viscosity measurement 8-79399
- Stepanek, J.B. *see* Achwal, S.K. 8-81953
- Stepanenko, A.S. *see* Valyavko, V.V. 8-74076
- Stepanenko, G.S., Lebedev, S.V., Romanov, L.N. A statistical weather-forecasting model 8-92941
- Stepanenko, P.I. *see* Burka, A.L. 8-90670
- Stepanenko, P.I. *see* Rubtsov, N.A. 8-94572
- Stepanenko, V.A. *see* Krasovskii, A.Ya. 8-80645
- Stepanenko, V.A. *see* Strizhalo, V.A. 8-84995
- Stepanescu, A. *see* Celasco, M. 8-56244, 8-56245
- Stepaniak, R.F. *see* Garton, A. 8-84922
- Stepanishen, P.R. Radiated power and radiation loading of cylindrical surfaces with nonuniform velocity distributions 8-50969
- Stepanishen, P.R. The acoustic transmission and scattering characteristics of a plate with line impedance discontinuities 8-90553
- Stepanok, V.V. *see* Golenskii, S.P. 8-61810
- Stepanov, A.A. *see* Krutova, V.G. 8-79015
- Stepanov, A.A. *see* Virnik, Ya.Z. 8-59001, 8-71120
- Stepanov, A.V. Electromagnetic loss-cone instability and type IV-solar radio emission 8-77528
- Stepanov, A.V., Shelagin, A.V. Depolarization of very-low-energy neutrons in a ferromagnet 8-87593
- Stepanov, A.V. *see* Basargin, Yu.G. 8-66439
- Stepanov, A.V. *see* Gedeonov, L.I. 8-86699
- Stepanov, A.V. *see* Meerson, B.I. 8-89161
- Stepanov, B.M. *see* Abakumov, B.M. 8-50716, 8-74862
- Stepanov, B.M. *see* Belinskaya, G.I. 8-78518
- Stepanov, B.M. *see* Dukhovskoi, E.A. 8-52143
- Stepanov, B.M. *see* Gandel'man, G.M. 8-93020
- Stepanov, B.M. *see* Gugel', B.M. 8-95661
- Stepanov, B.M. *see* Korobkin, V.V. 8-82064
- Stepanov, B.M. *see* Lovinskii, L.S. 8-89524
- Stepanov, B.M. *see* Sapritskii, V.I. 8-93752
- Stepanov, B.M. *see* Zhemerev, A.V. 8-69457, 8-86567
- Stepanov, E.N. *see* Filipovich, V.N. 8-88487
- Stepanov, E.P. *see* Artemyev, A.N. 8-66447
- Stepanov, G.N., Panyushkin, V.N. An apparatus for Mossbauer resonance studies at high pressures and low temperatures 8-49943
- Stepanov, G.N. *see* Kapitonov, A.M. 8-84263
- Stepanov, G.V. *see* Abramchuk, G.A. 8-85097
- Stepanov, G.V. *see* Krasovskii, A.Ya. 8-80614
- Stepanov, G.V. *see* Panfilov, B.A. 8-95389
- Stepanov, G.V. *see* Romanchenko, V.I. 8-84943
- Stepanov, K.N. *see* Eliseev, Yu.N. 8-87459
- Stepanov, K.N. *see* Sizonenko, V.L. 8-75291
- Stepanov, N.F., Grikina, O.E., Sergeev, G.B., Smirnov, V.V. CNDO/2 calculations of intermolecular interactions in chlorine-ethylene and bromine-ethylene systems 8-58763
- Stepanov, N.F. *see* Zhilinskii, B.I. 8-74629
- Stepanov, S.A. *see* Algazin, Yu.B. 8-49885
- Stepanov, S.E. *see* Bardin, V.P. 8-90541
- Stepanov, S.I. *see* Kamshilii, A.A. 8-58943
- Stepanov, S.I. *see* Martynenko, O.G. 8-69488
- Stepanov, S.I. *see* Petrov, M.P. 8-90473
- Stepanov, S.V. *see* Blyumenfel'd, L.A. 8-95998
- Stepanov, S.V. *see* Petrov, V.A. 8-90672
- Stepanov, V.A. *see* Zabortseva, T.A. 8-74883
- Stepanov, V.B. *see* Golubkov, V.P. 8-78523
- Stepanov, V.B. *see* Gorchkov, B.M. 8-82543

- Stepanov, V.E. *see* Vyatkin, A.P. 8-84296
- Stepanov, V.G., Volyak, L.D., Tarlakov, Yu.V. Wetting contact angles of certain systems 8-56025
- Stepanov, V.G., Volyak, L.D., Tarlakov, Yu.V. Wetting angles close to critical temperature 8-63905
- Stepanov, V.G. *see* Vargaftik, N.B. 8-55903
- Stepanov, V.I. *see* Asnin, V.M. 8-64070, 8-68057
- Stepanov, V.M. *see* Safonov, L.P. 8-59403
- Stepanov, V.N. Is the deep water circulation in the world ocean reversible 8-65329
- Stepanov, Yu.L. Conditions for the rational use of steady heating in thermal defectoscopy of film coatings 8-85108
- Stepanov, Yu.M. *see* Kononov, B.A. 8-86230
- Stepanov, Yu.P. Thermodynamic equilibrium of the potassium hydride-hydrogen system containing deuterium impurity 8-59954
- Stepanova, G.I. *see* Shved, G.M. 8-88914
- Stepanova, N.A. *see* Kontorovich, V.M. 8-91596
- Stepanushkin, A.D. *see* Brizhinev, M.P. 8-75320
- Stepanyan, A.A. Point gamma-ray sources and the distribution of cosmic-rays over the Galaxy 8-65719
- Stepan'yan, A.E. *see* Khalatur, P.G. 8-70993
- Stepanyan, N.N. *see* Kotov, V.A. 8-57530
- Stepanyants, A.U. *see* Shimanovskii, N.L. 8-76980
- Stepchenkov, V.I. *see* Chernyi, S.S. 8-70650
- Stephan, C.H. *see* Ruckdeschel, F.R. 8-74088
- Stephan, D. The asymmetric Bragg case of X-ray diffraction on real crystals. Characteristics arising from extinction and the possibility of X-ray photographic characterisation of dislocation networks 8-67607
- Stephan, G., Le Naavr, R., Le Floch, A. Experimental and theoretical study of the anisotropy induced in a gas laser by a saturating field 8-55337
- Stephan, J.A. *see* Drake, C.F. 8-59759
- Stephan, K., Preusser, P. Heat transfer in natural convection boiling of polynary mixtures 8-90658
- Stephan, K.-H. *see* Bischoff, K. 8-82037
- Stephanakis, S.J. *see* Blaugrund, A.E. 8-74104
- Stephanakis, S.J. *see* Cooperstein, G. 8-50322
- Stephanakis, S.J. *see* Goldstein, S.A. 8-58898
- Stephani, H. A note on Killing tensors 8-93573
- Stephanis, C.G., Hampsas, G.D. Holographic acoustical lens 8-55536
- Stephany, M. The nuclear-fuel cycle-national and international aspects 8-86665
- Stephany, W. *see* Cook, D.L. 8-74475
- Stephas, P. Relativistic two-body electrodynamics 8-54112
- Stephen, M.J. Mean-field theory and critical exponents for a random resistor network 8-79973
- Stephen, M.J. *see* Giri, M.R. 8-72352
- Stephens, F.S. *see* Delaplanque, M.A. 8-93963
- Stephens, F.S. *see* Gizon, A. 8-70438
- Stephens, F.S. *see* Hubel, H. 8-89822
- Stephens, J.J., Jr., Pohl, R.O. Trace elements in reactor steels: implications for decommissioning 8-54833
- Stephens, J.R. *see* Witzke, W.R. 8-52965
- Stephens, J.S. *see* Cruickshank, D.W.J. 8-51489
- Stephens, K.G., Wilson, I.H. Properties and applications of ion-implanted films 8-71752
- Stephens, K.G. *see* Gecim, S. 8-56154
- Stephens, K.G., Wilson, I.H., Moruzzi, J.L. (editor) International Conference on Low-Energy Ion beams 8-66444
- Stephens, L.D. *see* Hewitt, J.E. 8-53538
- Stephens, L.J. The effect of the class evaluation method on learning in certain mathematics courses 8-57719
- Stephens, M.E. *see* Burke, L.A. 8-74557
- Stephens, P.J. Mechanical and chemical sensitivity at the mantle edge of the file clam *Lima sacra* (Born) 8-53429
- Stephens, P.J., Boyle, P.R. Escape responses of the queen scallop *Chlamys opercularis* (L.) (Mollusca: Bivalvia) 8-53430
- Stephens, P.J. *see* Clark, R. 8-54476
- Stephens, R. *see* Craven, R.A. 8-56333
- Stephens, R. *see* Murphy, G.F. 8-85275
- Stephens, R.B. *see* Cody, G.D. 8-56443
- Stephens, R.I. *see* Musil, D.P. 8-64687
- Stephens, R.R., Lind, R.C. Experimental study of an adaptive-laser resonator 8-87078
- Stephens, S.A. *see* Badhwar, G.D. 8-73594
- Stephens, T.C. *see* Molnar, M.R. 8-93331
- Stephenson, A. *see* Veitch, R.J. 8-56314
- Stephenson, A.G. New methods in hydrographic survey 8-81450
- Stephenson, C.B. Secular parallax of the S stars 8-81623
- Stephenson, C.B. A new planetary nebula 8-86002
- Stephenson, D.A., Aiman, W.R. A laser Raman probe of a premixed laminar flame 8-64837
- Stephenson, D.S., Binsch, G. Improved algorithm for the computation of exchange-broadened NMR bandshapes 8-91963
- Stephenson, E.J., Clark, D.J., Gough, R.A., Holley, W.R., Jain, A. Heavy element mass spectroscopy with the Berkeley 88-inch cyclotron 8-70217
- Stephenson, G. *see* Radmore, P.M. 8-65827
- Stephenson, J.C., King, D.S. Energy partitioning in the collision-free multiphoton dissociation of molecules: energy of $[X\text{CF}_3]$ from CF_3HCl , CF_3Br_2 , and CF_2Cl_2 8-92491
- Stephenson, J.D., Kelha, V., Tilli, M., Tuomi, T. Reconstructed topographs of polycrystalline (110) Fe-3 wt.% Si samples and the observation of their magnetic domain images using synchrotron radiation 8-67620
- Stephenson, J.L. Analysis of the transient behaviour of kidney models 8-65065
- Stephenson, J.L. *see* Garner, J.B. 8-73167
- Stephenson, M.I. *see* Fox, T.F. 8-59527
- Stephenson, O.G. *see* Green, A.G. 8-65213
- Stepien-Rudzka, W., Wycech, S. Multiple scattering expansion for level shifts in exotic atoms 8-70978
- Stepin, E.V. *see* Balabanova, L.A. 8-68585
- Stepisnik, J. Magnetic resonance with nonuniform radiofrequency field 8-60343
- Stepisnik, J. On the self-diffusion measurement by multiple pulse NMR 8-76352
- Stepniowski, M. *see* Ranachowski, J. 8-72011
- Stepowicz, W.J. Interpretation of DC characteristics of reverse-biased silicon p-n junction 8-91761
- Stergiou, A. *see* Baland, J.F. 8-93911
- Sterin, K.E. *see* Denisov, V.N. 8-94409
- Sterin, Kh.E. *see* Denisov, V.N. 8-66557, 8-87102
- Sterin, Kh.E. *see* Mavrin, B.N. 8-68513, 8-88313
- Sterin, Kh.E. *see* Podobedov, V.B. 8-82740
- Sterken, C. *see* Hensberge, H. 8-96487
- Sterken, C. *see* Jerzykiewicz, M. 8-61863
- Sterlin, Yu.G. Model of the distribution of temperature on the body surface of warm-blooded animals 8-64943
- Sterman, G. Mass divergences in annihilation processes. I. Origin and nature of divergences in cut vacuum polarisation diagrams 8-70285
- Sterman, G. Mass divergences in annihilation processes. II. Cancellation of divergences in cut vacuum polarization diagrams 8-74157
- Sterman, G., Townsend, P.K., Van Nieuwenhuizen, P. Unitarity, Ward identities, and new quantisation rules of supergravity 8-54279
- Stern, A., Rosen, M. Effect of hydrostatic pressure on the dislocation relaxation in polycrystalline niobium at megahertz frequencies 8-76696
- Stern, A. *see* Balachandran, A.P. 8-54225, 8-54226, 8-78089
- Stern, D.P. Adiabatic particle motion of a nearly drift-free magnetic field: application to the geomagnetic tail 8-57399
- Stern, E. *see* Bilton, J. 8-54974
- Stern, E.A. Structure determination by X-ray absorption 8-91198
- Stern, E.A., Rinaldi, S., Callen, E., Heald, S., Bunker, B. Structure of amorphous RFe_2 compounds using EXAFS 8-51421
- Stern, E.A. *see* Heald, S.M. 8-72638
- Stern, F. Two-subband screening and transport in (001) silicon inversion layers 8-64126
- Stern, F. Image potential near a gradual interface between two dielectrics 8-84274
- Stern, J. *see* Jersak, J. 8-86440
- Stern, J.R. *see* Eve, M. 8-50928
- Stern, M. *see* Chen-Chin Hong 8-55607
- Stern, M.S. Application of the El-Gendi method to the Schrödinger integral equation 8-77749
- Stern, R., Wang, E., Bowyer, S. Extreme ultraviolet spectrum of a hot interstellar plasma 8-81665
- Stern, R. *see* Frieda, D. 8-53462
- Stern, R.A. Particle kinetics of selective excitation spectroscopy 8-82046
- Stern, R.A. *see* Cameron, W. 8-54653
- Stern, R.M., Jr., Colburn, H.S. Theory of binocular interaction based on auditory-nerve data. IV. A model for subjective lateral position 8-92640
- Stern, S.A., De Meringo, A.H. Solubility of carbon dioxide in cellulose acetate at elevated pressures 8-83957
- Sternberg, R.L., Anderson, W.A., Stevens, G.T. Log-periodic acoustic lens-acoustic filter plate study 8-63256
- Sternberg, S. Minimal coupling and the symplectic mechanics of a classical particle in the presence of a Yang-Mills field 8-74136
- Sternberg, S., Ungar, T. Classical and prequantized mechanics without Lagrangians or Hamiltonians 8-74126
- Sternberg, S. *see* Guillemin, V. 8-74125
- Sternberger, W.L., Le Blanc, L.R. Short-range precision navigation and tracking system 8-53742
- Sternemann, K.P. *see* Besch, H.J. 8-93893
- Sterner, C. *see* Franzen, H. 8-80455
- Sternheim, C.E. *see* Stromeyer, C.F., III 8-65006
- Sternheimer, R.M., Rodgers, J.E., Das, T.P. Effect of the atomic core on the fine-structure splitting for excited nd and nf states of the alkali-metal atoms 8-58606
- Sterrenburg, W.A., Van Middelkoop, G., De Raedt, J.A.G., Holthuisen, A., Rutten, A.J. Spectroscopy of ^{39}Ar with the ($\alpha, n\gamma$) and ($d, p\gamma$) reactions 8-93943
- Stert, V. *see* Radloff, W. 8-89560
- Sterzynski, T. *see* Gabarczyk, J. 8-63679
- Steshenko, N.V. *see* Bruns, A.V. 8-53783
- Stesky, R.M. Mechanisms of high temperature frictional sliding in Westerly granite 8-73357
- Steslicka, M. *see* Thakker, A.J. 8-64092
- Stesmans, A. On the derivation of the surface spin-flip probability from transmission-electron spin resonance in copper 8-91953
- Stetsenko, S.G. *see* Pereylin, V.P. 8-81595
- Stetsenko, V.I. *see* Lukachina, E.N. 8-52737
- Stetson, K.A. The use of an image derotator in hologram interferometry and speckle photography of rotating objects 8-59351
- Stetson, K.A., Harrison, I.R. Computer-aided holographic vibration analysis for vectorial displacements of bladed disks 8-71056
- Stetson, K.A. *see* Erf, R.K. 8-60977
- Stetter, J.R. A surface chemical view of gas detection 8-76908
- Stettler, A., Albaredo, F. ^{39}Ar - ^{40}Ar systematics of two millimeter-sized rock fragments from Mare Crisium 8-65513
- Stettler, A., Allergre, C.J. ^{87}Rb - ^{87}Sr studies of waters in a geothermal area: Cantal, France 8-61443
- Stettler, A. *see* Bochsler, P. 8-65313
- Stettmeier, H. *see* Backe, H. 8-50197
- Stetz, A., Carroll, J., Ortendahl, D., Perez-Mendez, V., Igo, G., Chirapatimol, N., Nasser, M.A. Determination of the axial vector form factor in the radiative decay of the pion 8-74247
- Stetz, A. *see* Carroll, J. 8-89874
- Stetz, A.W. *see* Anderson, A.N. 8-74368
- Stetz, A.W. *see* Beveridge, J.L. 8-62446
- Stetz, A.W. *see* McCamis, R.H. 8-74363
- Steudel, H., Richter, Th. Radiation properties of a continuously pumped two-atom system 8-86828
- Steudel, R., Mause, H.-J. Vibrational spectra of the sulfur rings S_8 , $^{34}\text{S}_8$, S_{12} , and S_{12}CS_2 and thermodynamic functions of the molecules S_n ($n=2\ldots 12$) 8-82742
- Steudel, R., Schuster, F. Vibrational spectra, force constants and thermodynamic functions of cycloheptasulfur, S_7 8-50545
- Steuer, M. *see* Fidecaro, G. 8-66157
- Steuer, M.F. *see* Edwards, A.K. 8-94302
- Stevens, A.L.N. Ce^{3+} luminescence in hexagonal aluminates containing large divalent or trivalent cations 8-56513
- Stevens, A.L.N. Effect of non-stoichiometry on the luminescence of Eu^{2+} -doped aluminates with the β -alumina-type crystal structure 8-68550
- Stevens, J.M. *see* Jansen-Falkenburg, I.A. 8-80575
- Stevens, C.F. Interactions between intrinsic membrane protein and electric field. An approach to studying nerve excitability 8-53377
- Stevens, D.J., Spicer, L.D. Characterization of hot chlorine atom reactions with hydrogen 8-73071
- Stevens, E.D., Coppens, P. Stereographic projections of experimental electron density distributions 8-91185
- Stevens, E.D., Rys, J., Coppens, P. Quantitative comparison of theoretical calculations with the experimentally determined electron density distribution of formamide 8-82634
- Stevens, E.D. *see* Coppens, P. 8-71635
- Stevens, E.S. *see* Texter, J. 8-94267
- Stevens, G. *see* Balogh, A. 8-85791
- Stevens, G.C., Bloor, D. ESR studies of a diacetylene polymer III. Thermal history effects and temperature dependence of polycrystalline samples 8-52352
- Stevens, G.T. *see* Sternberg, R.L. 8-63256
- Stevens, G.W.W. *see* Allen, D.M. 8-57921
- Stevens, H. *see* Brooks, J. 8-50367, 8-70636
- Stevens, H. *see* Brooks, J.N. 8-66410
- Stevens, H. *see* Fasolo, J. 8-54973
- Stevens, H.C., Misra, B., Youngdahl, C.K. Mechanical design and analysis for a EPR first wall/blanket/shield system 8-74482
- Stevens, H.C. *see* Dawson, J.W. 8-54896
- Stevens, H.C. *see* Misra, B. 8-58452
- Stevens, J.C., Jones, N.B., Fay, D.F. Apparatus for uniaxial testing of soft human tissues in vitro 8-61295
- Stevens, J.G., Bowen, L.H. Mossbauer spectroscopy 8-84501
- Stevens, J.R. *see* Coakley, R.W. 8-53206
- Stevens, K.A. Computation of locally parallel structure 8-65012
- Stevens, K.W.H. *see* Mehran, F. 8-68374
- Stevens, P.F. *see* Mook, G.A. 8-81023

- Stevens, R. *see* Chadwick, G.B. 8-66175
 Stevens, R. *see* Parker, D.W. 8-51008
 Stevens, R.A. *see* Ballam, J. 8-82247
 Stevens, R.D. *see* Smith, P. 8-80746
 Stevens, R.E. *see* McCarthy, C.J. 8-89597
 Stevens, R.K., Dzubay, T.G., Russwurm, G., Rickel, D. Sampling and analysis of atmospheric sulfates and related species 8-96283
 Stevens, R.R. *see* Bevington, P.R. 8-78207
 Stevenson, A. *see* Andrews, E.H. 8-80624
 Stevenson, D.J. A semiconvex for semiconvection 8-69787
 Stevenson, D.J. Immiscibilities in cold, degenerate stars 8-69798
 Stevenson, J. *see* Mullen, J.G. 8-70698
 Stevenson, J. *see* Price, P.B. 8-93979
 Stevenson, J.D. Preliminary design of a containment to withstand core melt for a 1300 MWe LWR system 8-66335
 Stevenson, J.D. The economic effect of increased seismic load on nuclear power plant design and construction costs 8-66432
 Stevenson, J.D. Research needs associated with seismic load on nuclear power plants 8-94052
 Stevenson, J.L. *see* Faktor, M.M. 8-55872
 Stevenson, J.R. Directed and random components in the evolution of the academic physics discipline 8-62032
 Stevenson, J.R. *see* Wall, W.E. 8-63019
 Stevenson, M.L. *see* Bell, J. 8-54625, 8-93872, 8-93873
 Stevenson, M.L. *see* Burnett, T.H. 8-89853, 8-89854
 Stevenson, R., Henry, R., Magnussen, H., Mansfield, P. A single-piston pump for HPLC 8-80800
 Stevenson, S.H. *see* Robinette, S.L. 8-72088
 Stevenson, W.H. *see* Rueping, J.E. 8-72833
 Steventon, A.G. *see* Matthews, M.R. 8-87052
 Steverding, B., Dudel, H., Gibson, F.P. The distribution of vibrationally excited states in resonant radiation and the rate of photodissociation 8-50603
 Steverding, B., Dudel, H.P., Gibson, F.P. Multiple photon absorption of anharmonic molecules in CW laser beams 8-58755
 Stevlev, Yu.I. *see* Kurozaev, V.P. 8-53078
 Steward, F.R. *see* Chao, J.T. 8-85118
 Steward, J.E. *see* Husbands, A.P. 8-81960
 Steward, P.G. *see* Cox, H.L., Jr. 8-73298
 Steward, V.W. *see* Curry, J. 8-65121
 Steward, W.G. Transient helium heat transfer. I. Static coolant 8-75049
 Stewart, A.I., Cravens, T.E. Diurnal and seasonal effects in E region low-latitude nitric oxide 8-88976
 Stewart, A.I. *see* Cravens, T.E. 8-88975, 8-89092
 Stewart, A.L. The photoionisation of helium using perturbation theory 8-78672
 Stewart, A.L. A calculation on the photoionisation of the $1s2s^1S$ metastable state of helium using perturbation theory 8-78759
 Stewart, A.L. *see* McGreevy, E. 8-50637
 Stewart, A.M. Omission of self-energy terms from indirect exchange calculations 8-56113
 Stewart, A.M., Phillips, W.A. Electrical and thermal properties of some amorphous metals 8-72131
 Stewart, A.M. *see* Hopkins, R.H. 8-52764
 Stewart, B. *see* Maier, W.B. 8-66654
 Stewart, B. *see* Peacock, R.D. 8-51946
 Stewart, C.W., Doherty, T.J. Preconceptual evaluation of a pressure tube converter region for a hybrid blanket 8-74478
 Stewart, D. *see* Dower, G.E. 8-85447
 Stewart, D.A. *see* Dickson, J.H. 8-81234
 Stewart, D.T. *see* Armstrong, T.A. 8-89744
 Stewart, G.R., Giorgi, A.L. Specific heat of A-15 and BCC $\text{Mo}_0.4\text{Ta}_{0.6}$ 8-68111
 Stewart, G.R., Giorgi, A.L. The density of states of b.c.c. Nb_3Au : a comparison with A-15 Nb_3Au 8-80095
 Stewart, G.R., Giorgi, A.L., Krupka, M.C. The specific heat of $\text{Y}_{0.7}\text{Th}_{0.3}\text{C}_{1.58}$ 8-91813
 Stewart, G.R., Newkirk, L.R., Valencia, F.A. Specific heat of single phase Nb_3Ge 8-72307
 Stewart, G.R. *see* Giorgi, A.L. 8-88060
 Stewart, G.S. *see* Kanamori, H. 8-85493
 Stewart, G.W. *see* Moler, C.B. 8-77663
 Stewart, H.F. *see* Frost, H.M. 8-59243
 Stewart, H.F. *see* Smith, S.W. 8-69169
 Stewart, I.C.F. Telesismic reflections and the Newfoundland lithosphere 8-65210
 Stewart, I.C.F., Keen, C.E. Anomalous upper mantle structure beneath the Cretaceous Fogo seamounts indicated by P-wave reflection delays 8-85515
 Stewart, J.B. Evaporation from the wet canopy of a pine forest 8-61460
 Stewart, K.H. The significance of Meteosat for meteorology 8-93072
 Stewart, K.S. *see* Knight, L.B., Jr. 8-91532
 Stewart, N.M. The scattering of particles with spin from targets with spin 8-81730
 Stewart, N.M. *see* Amsler, C. 8-70397
 Stewart, N.M. *see* Bugg, D.V. 8-70396
 Stewart, N.M. *see* Onel, Y. 8-82339
 Stewart, N.M. *see* Waters, G. 8-82599
 Stewart, P. *see* Sweeney, G.S.S. 8-61727
 Stewart, P.A.E. High energy X-ray TV of gas turbines on test 8-95861
 Stewart, R.B. *see* Dean, J.R. 8-66359
 Stewart, R.B. *see* Rouse, W.R. 8-61459
 Stewart, R.F. Total X-ray scattering and two-electron density functions 8-70889
 Stewart, R.F. One-electron density functions and many-centered finite multipole expansions 8-71624
 Stewart, R.F. Vibrational averaging of X-ray scattering intensities 8-74722
 Stewart, R.F. *see* Watson, D.K. 8-74623
 Stewart, R.F. *see* Yanez, M. 8-91186, 8-91187
 Stewart, R.H., Blume, H., Crombie, D., Duing, W., Levine, D., Mather, R., Miralles, J., Mognard, N., Moore, D., Ostapoff, F., Pierson, W., Teague, C., Thrane, L., Wentz, F., Wilson, W.S. Contributions to large-scale oceanography by radio techniques 8-77337
 Stewart, R.J. *see* Gupta, S. 8-51598
 Stewart, R.T. Coronal magnetic structure near the source region of a type II radio burst 8-69775
 Stewart, R.T. Relationship between type III-V radio and hard X-ray bursts 8-89157
 Stewart, R.T. *see* Cole, T.W. 8-73631
 Stewart, T.B. *see* Judeikis, H.S. 8-80789
 Stewartson, K. *see* Brown, S.N. 8-59399, 8-79329, 8-83453
 Stewartson, K. *see* Daniels, P.G. 8-67202
 Stewartson, K. *see* Roberts, P.H. 8-57436
 Steyer, T.R. Problems in developing an interactive image digital/optical processing system (IMADITOP) 8-74855
 Steyerl, A. A high-resolution neutron gravity spectrometer 8-78554
 Steyerl, A., Schutz, G. Zone mirror for image formation with neutrons 8-87003
 Steyert, W.A. Stirling-cycle rotating magnetic refrigerators and heat engines for use near room temperature 8-57964
 Steyert, W.A. Rotating Carnot-cycle magnetic refrigerators for use near 2K 8-57965
 Steyert, W.A. High-conductivity high-specific-heat copper for cryogenic applications 8-76670
 Steyert, W.A. Small magnetic refrigerators to pump heat from helium temperatures to above 10K 8-93702
 Steyn, J. *see* Gries, W.H. 8-70714
 Stezowski, J.J., Jogun, K.H., Eckle, E., Bartels, K. Dimeric β -cyclodextrin complexes may mimic membrane diffusion transport 8-80838
 Sthapit, Y.R., Datta, S. Flow past a radially deforming sphere at small Reynolds number 8-67174
 Stiassnie, M. Propagation of water waves over a source 8-83416
 Stibbe, F.S., Trappeniers, N.J. ESR of Cr^{3+} in CsCl and NH_4Cl single crystals 8-91943
 Stibbe, F.S. *see* Trappeniers, N.J. 8-60492
 Stibunov, V.N. *see* Glavanakov, I.V. 8-86748
 Stickel, R.E., Jr., Blit, S., Hildebrandt, G.F., Dahl, E.D., Dunning, F.B., Tittel, K. Generation of coherent CW radiation tunable from 211 nm to 216 nm 8-83029
 Stickel, R.E., Jr., Dunning, F.B. Generation of tunable coherent vacuum UV radiation in KB_5 8-55404
 Stickel, R.E., Jr., Dunning, F.B. Generation of tunable coherent radiation below 250 nm at MW power levels 8-59080
 Stickelmann, C. *see* Conrads, H. 8-50348
 Stickland, D. *see* Boggess, A. 8-96383
 Stickland, D. *see* Heap, S.R. 8-96474
 Stickland, D. *see* Linsky, J.L. 8-96475
 Stickler, D.C. Reflection from a variable-index half space: uniform and nonuniform representations 8-94472
 Stickley, C.M. Laser fusion 8-59635
 Stieb, A.E., Labes, M.M. A new generation process and matrix representation of disclinations in nematic and cholesteric liquid crystals 8-59743
 Stiebling, J., Raether, H. Dispersion of the volume plasmon of silicon (16.7 eV) at large wave vectors 8-56094
 Stief, L.J. *see* Lee, J.H. 8-76828, 8-80734
 Stief, L.J. *see* Michael, J.V. 8-73024
 Stiefvater, O.L. *see* Kumar, A. 8-55166
 Stieg, S., Nieman, T.A. Experimental and theoretical considerations of flow cell design in analytical chemiluminescence 8-73090
 Stieglerschmitt, A., Tomandl, G. Determination of particulate sizes in ceramic powders by electron microscopy 8-57891
 Stieglerschmitt, A. *see* Tormandl, G. 8-80494
 Stiegler, J.O. *see* Young, F.W., Jr. 8-87827
 Stieve, H., Bruns, M., Gaube, H. Simultaneous recording by extra- and intracellular electrodes of light responses in the crayfish retina 8-69055
 Stieve, H., Pflaum, M. The response height versus stimulus intensity curve of the ventral nerve photoreceptor of Limulus depending on adaptation and external calcium concentration 8-69058
 Stieve, H., Pflaum, M. Lowering the ratio of extracellular calcium to sodium mimics the effect of light on the photosensory membrane of Limulus ventral nerve photoreceptor KFA, Julich, Germany) 8-69067
 Stiewe, J. *see* Kirk, H.G. 8-82252
 Stiff, T., Jeffers, S. Novel spectrophotometer for the investigation of short term variability in stellar spectra 8-73643
 Stiffler, J. *see* Bolt, B.A. 8-65187
 Stiff, M.J. The magnetic deformation of βCrB 8-53963
 Stift, M.J. Photometry of the Be star HD 88661 8-57562
 Stigler, S.M. Laplace's early work: chronology and citations 8-93505
 Stijns, E. Influence of the flow on the output power of a longitudinal-flow gas laser 8-58975
 Stilbans, L.S. *see* Zaitsev, V.K. 8-91714
 Stiles, G.S., Hones, E.W., Jr., Bame, S.J., Asbridge, J.R. Plasma sheet pressure anisotropies 8-89009
 Stiles, P.J. The artificial superlattice in a two-dimensional system 8-64130
 Stiles, P.J. *see* Cole, T. 8-64055
 Stiles, P.J. *see* Lakhani, A.A. 8-64080
 Stiles, P.J. *see* Passler, M.A. 8-71965
 Stiles, P.J. *see* Theis, T.N. 8-63997, 8-76101
 Still, G.J. An integrated approach to vacuum systems engineering 8-70134
 Stiller, A.H., McCormick, B.J., Russell, P., Montano, P.A. Existence and stability of a simple sulfide of iron (III) 8-83733
 Stiller, H. Neutron scattering studies on rotational states in condensed molecular systems 8-63658
 Stiller, H., Vollstadt, H., Seipold, U. Investigations of thermal and elastic properties of rocks by means of a cubic press 8-69337
 Stiller, H. *see* Bickermann, A. 8-79693
 Stiller, H.H. *see* Conrad, H.M. 8-79752, 8-95135
 Stiller, W. Non-equilibrium kinetics of homogeneous bimolecular plasma-chemical reactions 8-63634
 Stillinger, F.H., David, C.W. Polarization model for water and its ionic dissociation products 8-91216
 Stillinger, F.H., Wasserman, Z. Molecular recognition and self-organization in fluorinated hydrocarbons 8-82806
 Stillinger, F.H., Weber, T.A. Study of melting and freezing in the Gaussian core model by molecular dynamics simulation 8-67811
 Stillman, G.E. *see* Feng, M. 8-64483
 Stillman, R.D., Crow, G., Moushegian, G. Components of the frequency-following potential in man 8-77062
 Stillwagon, G.B., Su, S.-J., Morgan, K.Z. Evaluating the bulk etching rate for polycarbonate foils during electrochemical etching 8-78506
 Stillwagon, R.E., Thullen, P. Design of a 10 MJ fast discharging homopolarmachine 8-54950
 Stillwagon, R.E. *see* Heck, F.M. 8-58495
 Stillwell, R.N. *see* Horning, E.C. 8-88680
 Stimtes, R.W. *see* Waldman, J. 8-52481
 Stimler, M. Opto-acoustic feasibility design of a conical acoustic lens 8-51020
 Stimpson, B.P., Evans, C.A., Jr. Electrohydrodynamic ionization mass spectrometry: Review of instrumentation, mechanisms and applications 8-86378
 Stimpson, B.P., Simons, D.S., Evans, C.A., Jr. Mass spectrometry of solvated ions generated directly from the liquid phase by electrohydrodynamic ionization 8-73102
 Stimpson, H.R., Miley, G.H. Burn stability in a reversed field pinch 8-58467
 Stimpson, H.R., Miley, G.H. Reversed-field pinch-burn dynamics 8-63579
 Stinchcombe, R.B. *see* Reinecke, T.L. 8-52237
 Stinchcombe, R.B. *see* Yeomans, J.M. 8-72351
 Stine, G.H. The development of the turbine flowmeter 8-51262
 Stingl, M., Stelbovics, A.T. A field-theoretical model of pion-deuteron processes. I. The effective three-body problem 8-86454
 Stingl, M., Stelbovics, A.T. A field-theoretical model of pion-deuteron processes. II. Extended Faddeev and Amado-Lovelace equations 8-89729
 Stingl, M. *see* Fiebig, H.R. 8-78403
 Stipura, A.P. *see* Bondarenko, N.L. 8-56862
 Stipura, A.P. *see* Chub, A.F. 8-71002, 8-74817
 Stipura, A.P. *see* Keskyula, A.Yu. 8-85111
 Stirland, D.J. *see* Brozel, M.R. 8-56104
 Stirling, A.J. *see* Allen, V.H. 8-94119
 Stirling, G.C. *see* Boland, B.C. 8-86721
 Stirling, W.G. *see* Hilton, P.A. 8-71899
 Stirling, W.G. *see* McEwan, K.A. 8-84467

- Stirling, W.L., Davis, R.C., Haselton, H.H., Schechter, D.E., Tsai, C.C. The new ORNL neutral beam transport system 8-54968
- Stirling, W.L., Davis, R.C., Haselton, H.H., Schechter, D.E., Tsai, C.C. Impurity studies experiment/ORMAK-upgrade neutral beam systems 8-58438
- Stirling, W.L. see Dagenhart, W.K. 8-54967
- Stirling, W.L. see Johnson, R.L. 8-54966
- Stirling, W.L. see Queen, C.C. 8-66399
- Stirling, W.L. see Schwenerty, S.W. 8-58439
- Stirling, W.L. see Tsai, C.C. 8-54913
- Stirling, W.L. see Wheaton, J.H. 8-66743, 8-87005
- Stirma, U.K. see Kragis, I.Zh. 8-68743
- Stishov, S.M. see Kachinskii, V.N. 8-87778
- Stishov, S.M. see Makarenko, I.N. 8-71840
- Stishov, S.M. see Nikolaenko, A.M. 8-91426
- Stitch, M.L., Woodbury, E.J. (editor) Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.122. Advances in Laser Engineering 8-59017
- Stith, J.L. see Cadle, R.D. 8-57186
- Stitz, E.O. see Craig, R.J. 8-52871
- Stivers, D. see Abbs, J.H. 8-65140
- Stix, M. The galactic dynamo 8-81685
- Stjebljezow, W. Determining the Fourier integral from the derivative of the given function 8-49644
- Stjern, D.C. see Hutchings, T.J. 8-79062
- Stjernholm, R. see Warner, F.W. 8-53466
- Stoate, M.W. see Malcolm, A.D. 8-81059
- Stobbs, W.M., Purdy, G.R. The elastic accommodation of semicoherent θ' in Al-4 wt.%Cu alloy 8-64543
- Stobiecki, T., Jankowski, H., Wenda, J. Electrical and magnetic properties of amorphous $Gd_{1-x}Co_x$ films 8-76169
- Stock, G.J. see McGinley, J.R. 8-85240
- Stock, H. see Ong, P.T. 8-70476
- Stock, H. see Sedlmayr, R. 8-72826
- Stock, M., Drullinger, R.E., Hessel, M.M. Energy transfer kinetics in the excimer states of mercury 8-63090
- Stock, M., Smith, E.W., Drullinger, R.E., Hessel, M.M. Relaxation of the first excited 1_u state of Hg_2 8-70864
- Stock, M. see Drullinger, R.E. 8-70866
- Stock, R. see Berg, U.E.P. 8-93966
- Stockbridge, N. see Joyner, R.W. 8-53376
- Stockdale, J.A.D. see Warmack, R.J. 8-70970
- Stoche, J.T. Excess radio emission from close pairs of galaxies 8-57658
- Stoche, J.T., Tift, W.G., Kaftan-Kassim, M.A. A radio continuum survey of isolated pairs of galaxies 8-75657
- Stockel, D. see Rosenkranz, G. 8-84849
- Stocker, H. see Chechik, R. 8-82371
- Stocker, H. see Nieuwenhuys, G.J. 8-88131
- Stocker, H.J. see Schmidt, M. 8-84627
- Stocker, R.L. Point-defect formation parameters in olivine 8-85547
- Stocker, R.L. Influence of oxygen pressure on defect concentrations in olivine with a fixed cationic ratio 8-85548
- Stockhausen, K., Bogl, W., Weise, H.-P. A new biochemical technique for detection of radiation treatment of meat 8-65075
- Stockhausen, N., Letsch, R. Concrete moisture content measurement by 4 electrodes 8-60929
- Stockl, H. see Muller, G. 8-65201
- Stockli, M. see Bonani, G. 8-64900
- Stockli, M. see Stoller, Ch. 8-70924
- Stockli, M. see Wolff, W. 8-58802
- Stocklin, G. see Hucks, P. 8-95625
- Stockman, H.S. see Adams, M.T. 8-89248
- Stockman, H.S. see Liebert, J. 8-96478
- Stockmann, H.-J., Dubbers, D., Grupp, M., Grupp, H., Ackermann, H., Heitjans, P. Structure and annealing of (n,y)-induced point defects in CaF_2 8-59842
- Stockmann, H.-J. see Winnacker, A. 8-91994
- Stoekmeyer, R., Stortnik, H., Fleischmann, R. The molecular dynamics of microcrystalline tungsten carbide and the motion of water and hydrogen molecules adsorbed on its surface 8-71941
- Stocks, D.C. see Farley, F.J.M. 8-70712
- Stocks, G.M., Temmerman, W.M., Gyorffy, B.L. Complete solution of the Korringa-Kohn-Rostoker Coherent-Potential Approximation equations: Cu-Ni alloys 8-84125
- Stocks, G.M. see Durham, P. 8-95620
- Stocks, G.M. see Giuliano, E.S. 8-95258
- Stocks, G.M. see Gordon, B.E. 8-95257
- Stocks, G.M. see Gyorffy, B.L. 8-95683
- Stocks, G.M. see Temmerman, W.M. 8-95256
- Stockton, A. A galaxy associated with 3C273 8-77606
- Stockton, A. The nature of QSO redshifts 8-89271
- Stoddard, S.D. Identifying clusters in computer experiments on systems of particles 8-59725
- Stoddard, J.C., Hanks, P. Bloch wave effects in the density response function 8-56092
- Stoddard, W.C.T. see Akin, J.D. 8-55002
- Stoddard, W.C.T. see Cain, W.D. 8-50373
- Stoddard, W.C.T. see Fitzpatrick, C.M. 8-64611
- Stoddard, W.C.T. see Gray, W.H. 8-50374, 8-55012
- Stodiek, W. see Sauthoff, N.R. 8-89974
- Stodilka, M.I. see Savitskii, V.G. 8-60143
- Stodola, R.K. see Berman, H.M. 8-96005
- Stodolsky, L. see Fesefeldt, H. 8-50018
- Stodolsky, L. see Harris, R.A. 8-94293
- Stodolsky, L. see Rubinstein, H. 8-70379
- Stoeckel, F., Lombardi, M. Electronic pumping of the ground state of ^{21}Ne studied by alignment transfer, role of multiple diffusion 8-50643
- Stoeckel, T.M., Blasius, J., Crist, B. Chain rupture and tensile deformation of polymers 8-76714
- Stoekenius, W. see Shapiro, S.L. 8-96012
- Stoekle, H. see Gold, J.H. 8-57050
- Stoekly, B. Transients in nonequilibrium superconductors 8-52149
- Stoeger, W.R. Orbital topography and other astrophysical consequences of Rosen's bimetric theory of gravity 8-54274
- Stoehr, M. Low frequency bizarre discharges. A particular type of electromyographic spontaneous activity in parietic skeletal muscle 8-80864
- Stoelinga, J.H.M., Larsen, D.M., Walukiewicz, W., Aggarwal, R.L., Bozler, C.O. Magneto-optical study of shallow donors in transmutation-doped GaAs [photoconducting study] 8-77996
- Stoerner, R.W. see Bahcall, J.N. 8-58563
- Stoering, J.P. see Burginyon, G.A. 8-49946
- Stoer, V.P. see Nadolitsky, M.M. 8-84517
- Stoeva, L.J. see Khristova, M.G. 8-82530
- Stofa, J., Lelak, J., Novak, J. The time dependence of the dielectric loss of monocrystalline $BaTiO_3$ after superposition of a unidirectional electric field 8-52435
- Stofanova, M., Usacev, S. The coefficients of damping in radioactive fall-out 8-92961
- Stoffel, H., Wielebinski, R. Observations of the very large galaxies NGC 315 and NGC 6251 at 11.1 cm 8-86014
- Stoffl, W. see von Egidy, T. 8-66215
- Stoffler, D. see Schullien, S. 8-85536
- Stoffyn, M. see Mackenzie, F.T. 8-61437
- Stogryn, A. Estimates of brightness temperatures from scanning radiometer data 8-85716
- Stohr, J., Rehn, V., Lindau, I., Bachrach, R.Z. A second UHV beam line at SSRL for studies in the spectral range 4-4000 eV 8-62673
- Stohr, J., Wehner, P.S., Williams, R.S., Apai, G., Shirley, D.A. Bulk versus surface effects in normal photoemission from Cu(110) in the range $32 \leq h\nu \leq 160$ eV 8-52626
- Stohr, J., Williams, R.S., Wehner, P.S., Shirley, D.A. Temperature- and photon-energy-induced breakdown of the direct transition model in Cu 8-95681
- Stohr, J. see Shirley, D.A. 8-52633
- Stohr, J. see Williams, R.S. 8-72700
- Stohr, J.-F. Contribution of high-voltage electron microscopy to the study and improvement of refractory composites 8-68785
- Stohr, M., Schumm, F., Ballier, R. Normal sensory conduction in the saphenous nerve in man 8-61162
- Stoica, T., Popescu, C. Bulk boundary conditions for injection and extraction in trap-free lifetime and relaxation semiconductors 8-72169
- Stoica, T. see Vescan, L. 8-64061
- Stoicescu, C. see Lupei, V. 8-72392
- Stoicheff, B.P. Present status of the laser revolution in spectroscopy 8-82867
- Stoicheff, B.P. see Lee, S.A. 8-94221
- Stoika, A.D. see Kosvintsev, Yu.Yu. 8-78542
- Stoika, I.M. see Oleksyuk, I.D. 8-63158
- Stoikova, B.G. see Gelev, M.G. 8-82489
- Stojakovic, D.R. see Marks, T.J. 8-76057
- Stojanov, L.G., Exner, H.E. On the sintering behaviour of steel bonded $TiC-Cr_3C_2$ and $TiC-Cr_3C_2-WC$ mixed carbides 8-52712
- Stojanovic, D. see Djukic, Z. 8-57082
- Stoker, A. see Kruger, P. 8-69381
- Stoker, A.K. see Ahlquist, A.J. 8-70646
- Stoker, G. see Lecomte, P. 8-74547
- Stokes, A. General time elements for the two body problem 8-77470
- Stokes, A.D. The clogging transition in a model SF_6 interruptor 8-87530
- Stokes, A.D. see Kovitya, P. 8-71585
- Stokes, A.D. see Ramakrishnan, S. 8-71588
- Stokes, E.D. see Chu, T.L. 8-68038, 8-72168
- Stokes, G.M. Interstitial titanium 8-57611
- Stokes, H.T. Tuned limiter for receiver amplifier in a fast-recovery pulsed NMR spectrometer 8-70173
- Stokes, H.T., Ailion, D.C. Nuclear-magnetic-resonance methods for identifying and studying diffusion of different spin species in heteronuclear systems 8-88213
- Stokes, R.A. Techniques and applications of elliptical polarimetry in astronomy and atmospheric sciences 8-61745
- Stokes, R.H. see Plasil, F. 8-54797
- Stokes, V.K. see Upadhyay, P.C. 8-55574
- Stoklosa, A. Defect structure of nickel sulphide $\beta-Ni_3S_2$ 8-63754
- Stoklosa, A. Studies on kinetics of nickel sulphidation in H_2S-H_2 mixtures at high temperature 8-64780
- Stokstad, R.G., Eisen, Y., Kaplanis, S., Pelte, D., Smilansky, U., Tseruya, I. Effect of nuclear deformation on heavy-ion fusion 8-78407
- Stokstad, R.G. see Goodman, C.D. 8-50170
- Stolan, B. see Berkan, E. 8-66036
- Stolarski, R.S., Butler, D.M., Rundel, R.D. Uncertainty propagation in a stratosphere model. II. Monte Carlo analysis of imprecisions due to reaction rates 8-85635
- Stolarski, R.S. see Butler, D.M. 8-77511
- Stolarski, R.S. see Chandra, S. 8-57246
- Stolarski, R.S. see Rundel, R.D. 8-85634
- Stolarz, S. see Siwkiewicz, Z. 8-64500
- Stolen, R.H., Chinlon Lin Self-phase modulation in silica optical fibers 8-66874
- Stoletov, G.D. see Azhgirei, L.S. 8-78394
- Stoletov, G.D. see Azhgirei, L.S. 8-89727, 8-89887
- Stolin, A.M. see Zinenko, Zh.A. 8-83391
- Stoll, D. see Fritze, K. 8-77609
- Stoll, E., Schneider, T. Molecular-dynamics study of a two-dimensional XY model with quartic anisotropy 8-77539
- Stoll, E. see Hiwatari, Y. 8-67803
- Stoll, E. see Schneider, T. 8-51646, 8-59921, 8-70081, 8-95411
- Stoll, H.M. Distributed Bragg deflector: a multifunctional integrated optical device 8-83115
- Stoll, M.E., Wolff, E.K., Mehring, M. Demonstration of 4π and 2π rotational symmetry in a spin-1 system (deuterons) 8-62830
- Stoll, P., Issler, H., Zund, H. Safety in nuclear fuel disposal? 8-74455
- Stoller, Ch., Wolff, W., Bonani, G., Morenzoni, E., Stockli, M. The anisotropy of the MO-2 $\rho\sigma$ -radiation observed in symmetric heavy ion collisions 8-70924
- Stoller, Ch. see Bonani, G. 8-64900
- Stoller, Ch. see Wolff, W. 8-58802
- Stoller, R. Electrostatic painting 8-54136
- Stolov, A.L. see Busarev, A.V. 8-84638
- Stolovitskii, Yu.M. see Shkuropatov, A.Ya. 8-53328
- Stolpakova, T.M. see Akinov, S.V. 8-60420
- Stolpakova, T.M. see Sinyakov, E.V. 8-54357
- Stolpovskii, V.G. see Kurt, V.G. 8-77446
- Stolpovskii, V.G. see Kuznetsov, S.N. 8-69614
- Stolt, K., Wrigley, J.D., Ehrlich, G. Thermodynamics of surface clusters-direct observation of Re_2 on W(211) 8-87861
- Stolt, R.H. Migration by Fourier transform 8-77341
- Stolt, R.H. see Byerly, P.E. 8-61315
- Stolterfoht, N. Excitation in energetic ion-atom collisions accompanied by electron emission 8-74756
- Stolting, K. see Kedziur, F. 8-50243
- Stoltz, R.E., Pineau, A.G. Dislocation-precipitate interaction and cyclic stress-strain behavior of a γ' strengthened superalloy 8-84925
- Stoltzfus, N. see Cahill, K. 8-62295
- Stolyarchuk, A.S. see Gur'ev, A.V. 8-56835, 8-88505
- Stolyarov, A.D. see Sotskii, B.A. 8-71068
- Stolyarov, A.K. see Balbashov, A.M. 8-50932
- Stolyarov, O.G. see Bublik, V.T. 8-79609
- Stolyarov, Yu.D. see Goncharenko, A.M. 8-71218
- Stolyarov, Ye.V. see Ryabov, A.N. 8-55638
- Stolyarova, L.A. see Bogdanovich, A.E. 8-63367, 8-67085
- Stolz, H.J. see Aeppli, G. 8-89601
- Stolz, H.J. see Kuzmany, H. 8-80355
- Stone, A.J. The description of bimolecular potentials, forces and torques: the S and V function expansions 8-74730
- Stone, D. see Anderson, J.R. 8-91603
- Stone, E.C. see Althouse, W.E. 8-85797
- Stone, E.C. see Marshall, F.E. 8-89016
- Stone, E.J. see Kley, D. 8-77369
- Stone, E.L., Young, W.C. Compressive strength of glass fiber reinforced composites at room temperature, 77K and 4.2K 8-64609
- Stone, E.L. see Hilal, M.A. 8-89999
- Stone, F.T. Launch dependent loss in short lengths of graded-index multimode fibers 8-90495
- Stone, F.T., Eichenbaum, B.R., Lovelace, C.R. Loss measurements in optical fiber ribbons using calorimetry 8-87127
- Stone, H.E.N. Experiments with the electromechanical polishing method 8-53073
- Stone, H.E.N. The mutual alloying behaviour of the elements straddling the line Li-Mg-Cu-Au in the long periodic table 8-84769
- Stone, J. Absorption curve of the 607- μm line in benzene 8-95581
- Stone, J., Burrus, C.A. Nd:Y $_2O_3$ single-crystal fiber laser: room-temperature CW operation at 1.07- and 1.35- μm wavelength 8-63121
- Stone, J. see Burrus, C.A. 8-66833
- Stone, J.R. Prediction of in-flight exhaust noise for turbojet and turbofan engines 8-87178

- Stone, M.**, Thomas, P.R. Condensed monopoles and Abelian confinement 8-78140
- Stone, M.** *see* Lowe, M. 8-58126
- Stone, N.H.**, Samir, U., Wright, K.H., Jr. Plasma disturbances created by probes in the ionosphere and their potential impact on low-energy measurements considered for Spacelab 8-77458
- Stone, N.W.B.** Expanding field of far infrared Fourier transform spectroscopy in the laboratory industry, and the environment 8-58069
- Stone, R.C.** Mean secular parallax at low galactic latitude 8-57542
- Stone, R.G.** *see* Knoll, R. 8-85796
- Stone, R.H.** *Van see* Van Stone, R.H.
- Stone, R.R.**, Haughian, J.M. The design of the calorimeter and beam dump for the TFTR prototype neutral beam injector 8-66382
- Stone, R.R.** *see* Pittenger, L.C. 8-54971
- Stone, S.** *see* Alam, M.S. 8-66167
- Stone, S.L.**, Poucher, J.S., Ehrlich, R.D., Poling, R., Thorndike, E.H. Characteristics of electromagnetic shower sampling counters 8-58530
- Stoneham, A.M.** *see* Lowther, J.E. 8-60095
- Stoneham, A.M.** *see* Mainwood, A. 8-51691, 8-51692
- Stoneham, R.J.** *see* Melrose, D.B. 8-69822
- Stoner, D.L.** *see* Feldtman, R.W. 8-57121
- Stoner, J.H.** *see* Chester, R. 8-92853
- Stoner, N.** *see* Tong, S.Y. 8-84694
- Stoner, W.** Incoherent optical processing via spatially offset pupil masks 8-82917
- Stones, V.A.** *see* Humphreys, E.R. 8-85395
- Stonesifer, F.R.** Effect of grain size and temperature on fatigue crack propagation in A533 B steel 8-56727
- Stonesifer, F.R.**, Armstrong, R.W. Effect of prior austenite grain size on the fracture toughness properties of A533 B steel 8-60780
- Stonestrom, J.P.**, Alvarez, R.E. Optimal processing of computed tomography images 8-80955
- Stopa, P.** *see* Moriyasu, K. 8-66165
- Stopford, P.J.** *see* Bee, N.J. 8-62371
- Stopolyanskaya, L.V.** *see* Byateva, I.M. 8-68980
- Stoppels, D.**, Sawatzky, G.A. ESR in Gd^{3+} -doped $La_{3-x}V_xS_8$. A study of localized-moment-conduction-electron interactions. II 8-88183
- Storbeck, F.** The influence of primary ion beam profile on monolayer analysis as studied by SIMS 8-68589
- Storch, H.** *van see* van Storch, H.
- Storebo, P.B.**, Bjorvatten, T. Exposure frequency distributions from multiple instantaneous cloud sources 8-57255
- Storelli, L.** *see* Frazzoli, F.V. 8-60922
- Storer, J.B.** *see* Ullrich, R.L. 8-53455
- Storer, R.G.** *see* Wright, P.C. 8-50169
- Storetvedt, K.M.**, Carmichael, C.M., Hayatsu, A., Palmer, H.C. Palaeomagnetism and K/Ar results from the Duncansby volcanic neck, NE. Scotland: superimposed magnetizations, age of igneous activity, and tectonic implications 8-61369
- Storetvedt, K.M.**, Svalstad, S., Thomassen, K., Langlie, A., Nergard, A., Gidskehaug, A. Magnetic discordance in Gran Canaria/Tenerife and its possible relevance to the formation of the NW African continental margin 8-85478
- Storey, B.E.** *see* Cracknell, A.P. 8-68313
- Storey, J.W.V.**, Cheung, A.C. An upper limit to the interstellar abundance of the HCN dimer 8-54004
- Storey, P.D.** *see* Marshall, R.M. 8-92478
- Stori, H.**, Mark, T.D., Varney, R.N., Pahl, M. Some investigations of the ignition and development of breakdown in cylindrical hollow cathode glow discharges 8-91169
- Storl, H.** *see* Lindinger, W. 8-64834
- Storm, E.K.**, Ahlstrom, H.G., Boyle, M.J., Campbell, D.E., Coleman, L.W., Glaros, S.S., Kornblum, H.N., Lerche, R.A., MacQuigg, D.R., Phillion, D.W., Rainer, F., Rienecker, R., Rupert, V.C., Slivinsky, V.W., Speck, D.R., Swift, C.D., Tirsell, K.G. Laser fusion experiments at 4 TW 8-74471
- Storm, E.K.**, Swain, J.E., Ahlstrom, H.G., Boyle, M.J., Rupert, V.C., Phillion, D.W. Laser-fusion experiments utilizing a 4π illumination system 8-58312
- Storm, E.K.** *see* Slivinsky, V.W. 8-59672
- Storm, G.M.F.** *see* Tuinstra, F. 8-74116
- Storm van Leeuwen, W.** *see* Donker, D.N.J. 8-77049
- Stormberg, H.P.** *see* Schroter, J. 8-68930
- Storms, E.**, Mueller, B. Phase relationship, vaporization, and thermodynamic properties of the lanthanum-boron system 8-51660
- Storms, E.K.** *see* Jacobson, D.L. 8-60539
- Storonskin, B.A.** *see* Kuni, F.M. 8-62160
- Storozh, B.D.** *see* Kislyi, P.S. 8-52745
- Storozhenko, A.I.** *see* Savitskii, E.M. 8-56617
- Storozhenko, V.A.**, Ivanishina, Z.V., Efremenko, R.A. Theoretical analysis of the optimum method of inspecting materials with a low thermal conductivity by the active thermal method 8-72996
- Storozhev, V.I.** *see* Kosmodamians'kii, O.S. 8-90739
- Storp, S.** *see* Holm, R. 8-52612
- Storrow, J.K.** *see* Barker, I.S. 8-54647, 8-66127
- Stortnik, H.** *see* Stockmeyer, R. 8-71941
- Storz, R.H.** *see* Bjorklund, G.C. 8-74624
- Stoscio, M.A.**, Lee, K., Lindman, E.L. Relativistic derivation of laser-induced plasma profiles 8-91131
- Stosser, R.**, Siegmund, M., Pritze, B. EPR investigation of polycrystalline and matrix stabilized EDA complexes of TCNQ and TCNE 8-55187
- Stoter, L.** *see* Cooke, K.E. 8-83698
- Stothart, P.H.** Physical significance of triplets in direct methods 8-55776
- Stott, F.H.**, Ashby, D.J. The oxidation characteristics of electrodeposited nickel composites containing silicon carbide particles at high temperature 8-64756
- Stott, F.H.** *see* Higham, P.A. 8-60848
- Stott, M.J.** *see* Leung, C.H. 8-75658
- Stott, P.E.** *see* Axon, K.B. 8-67376
- Stott, P.E.** *see* Fielding, S.J. 8-94132
- Stottmeister, H.W.**, Schleusener, M. Contact interaction in electrographic 2-component developers 8-62258
- Stotz, S.** Field dependence of the electrophoretic mobility of particles suspended in low-conductivity liquids 8-56919
- Stotzel, H.** *see* Vescan, L. 8-64061
- Stoudt, M.D.**, Vedom, K. Retroreflection from spherical glass beads in highway pavement markings. I. Specular reflection 8-74837
- Stoudt, M.D.** *see* Vedom, K. 8-74838
- Stouffer, D.C.**, Strauss, A.M. The concept of material divagation and its application to fracture 8-67109
- Stoughton, R.W.** *see* Gentry, R.V. 8-57210
- Stourac, L.** Current-voltage characteristics of amorphous As_2Te_3 monocrystalline GaAs heterojunctions 8-64099
- Stourac, L.** *see* Chab, V. 8-64052
- Stout, M.G.**, Gerberich, W.W. Structure/property/continuum synthesis of ductile fracture in Inconel alloy 718 8-76736
- Stout, M.G.**, Koss, D.A. On the origin of microcracking behind a crack tip 8-80638
- Stout, R.R.**, Dawson, G.A. Primary ionization coefficients for dry and moist air; secondary ionization coefficients for a water surface 8-65376
- Stovel, R.T.**, Sweet, R.G., Herzenberg, L. A means for orienting flat cells in flow systems 8-77161
- Stover, D.**, Allelein, H.J., Overhoff, T. Using laser light for boring 8-55399
- Stover, G.** *see* Ritschel, M. 8-59823
- Stow, D.A.V.**, Bowen, A.J. Origin of lamination in deep sea, fine-grained sediments 8-77213
- Stowe, H.**, Zahn, W. The ^6Be scattering system in the framework of a microscopic theory 8-54703
- Stowe, H.**, Zahn, W. Calculated excitation functions and integrated cross sections for the reactions $^7\text{Li}(n,n')^7\text{Li}$ and $^7\text{Li}(n,n')^7\text{Li}^*$ 8-86534
- Stowe, L.L.** Polarization of reflected sunlight as measured from a high-altitude balloon 8-61561
- Stowers, I.F.** Advances in cleaning material and glass surfaces to micron-level cleanliness 8-72921
- Stowers, I.F.** *see* Wallerstein, E.P. 8-59039
- Stoyanov, Ch.** *see* Adam, I. 8-78261
- Stoyanov, Ch.** *see* Soloviev, V.G. 8-89774
- Stoyanov, D.V.**, Borissov, M.I. Broadening of the frequency band of phase-shifters of surface acoustic waves 8-55532
- Stoyanov, S.** *see* Germanova, K. 8-76493
- Stoyanov, S.** *see* Milchev, A. 8-61025
- Stoyanova, V.E.**, Lakova, M.S., Dimova, D.I., Baltov, Y.K. Thin film CdS-CuS heterojunction photocells 8-80044
- Stoyanova, D.A.** *see* Antipov, Yu.M. 8-62581
- Stoyanova, E.N.** *see* Kashukeev, N.T. 8-86566
- Stoyanova, N.N.** *see* Mateev, V.P. 8-88552
- Stoyanova, S.** *see* Zapryanov, Z. 8-59454, 8-90980
- Straalsund, J.L.** *see* Chin, B.A. 8-72816, 8-80600
- Strach, S.J.** *see* Morton, J.R. 8-91955
- Strachan, J.D.**, Bhattacharjee, A., Jassby, D.L., Towner, H.H. Neutron emission profiles in the beam-heated Princeton Large Tokamak 8-63588
- Strachan, J.D.** *see* Brusati, M. 8-79469
- Strachman, Z.** *see* Ajinenko, I.V. 8-58206
- Strachotta, W.** *see* Kutschera, J. 8-88761
- Stracke, E.**, Herzog, Ch. Electromigration, thermomigration, and solubility of copper in lead 8-71882
- Stradling, G.N.**, Loveless, B.W., Ham, G.J., Smith, H. The biological solubility in the rat of plutonium present in mixed plutonium-sodium aerosols 8-96096
- Stradling, R.A.** *see* Cooke, R.A. 8-56508
- Stradling, R.A.** *see* Kaplan, R. 8-80027
- Stradling, R.A.** *see* Nicholas, R.J. 8-60218, 8-95303
- Stradner, H.** *see* Fidecaro, G. 8-66157
- Straehl, H.** Artificial joints 8-77154
- Straessler, S.** *see* Bernasconi, J. 8-59926
- Strain, G.M.** *see* Babb, T.L. 8-77163
- Strait, E.J.**, Sprott, J.C. Experimental test of the feasibility of heating Tokamaks by gun injection 8-94923
- Straitz, J.F.**, III *see* Ahmad, T. 8-81360
- Straizys, V.**, Zitkevicius, V. Recognition of Ap stars in the Vilnius photometric system 8-65635
- Straka, B.** *see* Masin, A. 8-67743, 8-84859
- Straka, J.**, Fiedler, F., Hinzpeter, H. Spectral transfer of turbulent energy and temperature variance 8-61489
- Straka, J.**, Fiedler, F., Hinzpeter, H. A note on the spectrum of temperature variance in the inertial and dissipation range of isotropic turbulence 8-61490
- Strakhov, V.A.** *see* Kolesov, Yu.I. 8-86362
- Strakhov, V.I.** *see* Novikov, V.K. 8-76071
- Strakhov, V.N.** A linear analysis of potential fields 8-53755
- Strakhov, V.N.** The theory of filtering and transformation of potential fields in the presence of a priori information on noise in input data 8-61584
- Strakhov, V.N.** Equivalence in the two-dimensional gravimetry problem with variable mass density 8-85467
- Strakhova, S.I.** *see* Balashov, V.V. 8-86831
- Strakhova, S.I.** *see* Mileev, V.N. 8-82844
- Strakhova, S.I.** *see* Mishchenko, T.V. 8-55241
- Strakhovenko, V.M.** *see* Baier, V.N. 8-82076
- Strakovskaya, R.Ya.** *see* Gerashchenko, O.A. 8-85385
- Straley, J.P.** Cooperative phenomena in resistor networks and inhomogeneous conductors 8-56118
- Straley, J.P.** *see* Kogut, P.M. 8-60099
- Stramska, H.** Nonlinear current density in semiconductor conductors 8-56149
- Strand, S.-E.**, Larsson, I. Image artifacts at high photon fluence rates in single-crystal NaI(Tl) scintillation cameras 8-85364
- Strand, T.C.** *see* Bescos, J. 8-87018
- Strand, T.G.** *see* Gundersen, G. 8-66662
- Strandberg, M.**, Ostling, G. A microwave heating device for a discrete automatic analysis system 8-88666
- Strandberg, M.W.P.**, Fox, L.R. Superconducting lead: Quasiparticle recombination tune and Kapitza resistance 8-68123
- Strandburg, D.L.** *see* Duffy, W., Jr. 8-56317
- Strange, J.H.** *see* Gordon, R.E. 8-80236
- Strange, J.H.** *see* Ross, S.M. 8-64289
- Strange, W.E.** *see* Carter, W.E. 8-92774
- Stransky, K.** *see* Kucera, J. 8-64905
- Strapelias, H.** *see* Rossi, I. 8-64353
- Strashinskii, A.G.**, Khomyakov, G.K., Serykh, N.V., Ostapenko, I.T., Tarasov, R.V. Analysis of solid lubricating coating by proton-stimulated X-rays 8-88687
- Strashkevich, E.A.** *see* Kazanskii, M.F. 8-67023
- Strashnikova, M.I.**, Bessonov, E.V. Dependence of spatial dispersion effects in the CdS crystal on the exciton decay constant 8-72086
- Strashnikova, M.I.** *see* Brodin, M.S. 8-92119
- Strashnikova, M.I.** *see* Voloiik, N.V. 8-88331
- Strassburg, W.** Legal aspects of the construction of the federal storage facility by a third party 8-86701
- Strassler, S.** *see* Pietronero, L. 8-87935
- Strassner, G.** *see* Alder, J.C. 8-62576
- Straten, A.J.** *Van see* Van Straten, A.J.
- Straten, P.J.M.** *van der see* van der Straten, P.J.M.
- Strathdee, J.** *see* Chamseddine, A.H. 8-62141
- Strathdee, J.** *see* Pati, J.C. 8-62350
- Strathdee, J.** *see* Salam, A. 8-74167
- Stratieva, N.R.** *see* Konstantinova, E.M. 8-80017
- Stratmann, P.** Microstructure, plastic zone size, and crack propagation in Ni steels 8-60790
- Stratonovich, R.L.** Phase transitions in three-dimensional two-level systems 8-58965
- Stratsev, V.E.** *see* Volkenshtein, N.V. 8-87961
- Stratton, T.F.**, Reichelt, W.H. Optical design and components for a 100 k CO₂ laser 8-82990
- Straty, G.C.** *see* Ackerson, B.J. 8-88317
- Straub, J.** *see* Kubbeck, K. 8-83450
- Straub, J.** *see* Trambauer, K. 8-94099
- Straubel, H.** Influence of chemical structure on the sizing of aerosol particles 8-81471
- Strauch, D.**, Page, J.B. Anharmonic effects on low-frequency impurity phonon resonances 8-75771
- Strauch, D.** *see* Haque, M.S. 8-75744
- Strauch, R.G.** *see* Gossard, E.E. 8-57271
- Straghan, B.P.** *see* Gardiner, D.J. 8-90172

- Straume, O.** *see* Guttormsen, M. 8-50080
Straume, O. *see* Lovhoiden, G. 8-74360
Straume, T., Kellner, C.R., Oswald, K.M. Radi-oactive decontamination methods and their effectiveness as a function of terrain 8-96104
Straupe, C. *see* Kovacs, A.J. 8-51432
Straus, J.M. Use of the Jacchia (1977) empirical model in a dynamical model of upper-atmospheric helium 8-77381
Straus, J.M., Schubert, G. On the existence of three-dimensional convection in a rectangular box containing fluid-saturated porous material 8-71393
Straus, J.M. *see* Del Genio, A.D. 8-61637
Straus, J.M. *see* Sharp, L.R. 8-61636
Strauss, A.M. *see* Stouffer, D.C. 8-67109
Strauss, B.P. *see* Carrigan, R.A., Jr. 8-66176
Strauss, F.M. Strip photometry of diffuse objects. II. Multicolor observations of globular clusters 8-89229
Strauss, H.L. *see* Harris, R.A. 8-89280
Strauss, H.L. *see* Rounds, T.C. 8-78702, 8-78707
Strauss, H.R. *see* Hazeltine, R.D. 8-67398
Strauss, J. *see* Clark, A.G. 8-89751, 8-89759
Strauss, K. Investigation of the initial flow of viscoelastic fluids 8-55665
Strauss, M., Riess, I. Consistent treatment of the effect of impurity-impurity interaction on the Kondo resistivity 8-51981
Strauss, W., Vazquez, L. Numerical solution of a nonlinear Klein-Gordon equation 8-89352
Strausser, Y.E., Majumder, K.S. Chemical structure of the Al-SiO₂ interface 8-72007
Strausser, Y.E., Scheibner, E.J., Johannessen, J.S. Observations of Al₂O₃ and free silicon at the interface between aluminum films and SiO₂ 8-91571
Strausz, O.P., Gosavi, R.K., Theodorakopoulos, G., Csizmadia, I.G. A preliminary investigation on the thermodynamic stability of triplet carbenoid isomers of silaethylene 8-90076
Strausz, O.P., Kozmutza, C., Kapuy, E., Robb, M.A., Theodorakopoulos, G., Csizmadia, I.G. Vertical proton affinities of CH₂O and CH₂OH⁺ in their ground singlet, excited triplet and ionized doublet states 8-90079
Strausz, O.P. *see* Calvert, J.G. 8-96257
Strautman, W.D., Robinson, S.R. Spatial filtering design considerations for a laser line scanning sensor 8-85752
Strawczynski, L. *see* Roberts, T.J. 8-82392
Strayer, M.R. *see* Devi, K.R.S. 8-50111
Strayer, M.R. *see* Habeeb, M.A.Z. 8-62474
Strayer, M.R. *see* Sandhya Devi, K.R. 8-78401
Strazhev, V.I. On dual symmetry of the vector field of general type 8-58107
Strazhev, V.I. *see* Kruglov, S.I. 8-62328
Stražisar, A., Reshotko, E. Stability of heated laminar boundary layers in water with nonuniform surface temperature 8-67175
Stražeri, A. On information given by three-body sequential-decay X(a,b)Y(c)Z-processes in nuclear-reaction studies 8-50222
Streater, R.F., Wightman, A.S. PCT, spin and statistics, and all that 8-78102
Streeter, R.W., Moore, W.T., Watson, P.R., Frost, D.C., Mitchell, K.A.R. The structure of the (311) surface of copper as determined by multiple scattering calculations of LEED intensities 8-56028
Strebkov, D.S. *see* Bazarov, B.A. 8-89521
Strebkov, D.S. *see* Evdokimov, V.M. 8-72201
Strecker, D.W. *see* Bregman, J.D. 8-93231
Strecker, D.W. *see* Erickson, E.F. 8-85890
Strecker, D.W. *see* Goebel, J.H. 8-65619
Strecker, D.W. *see* Pollack, J.B. 8-53850
Strecker, D.W. *see* Scargle, J.D. 8-93257
Streclas, A. *see* Jannussis, A. 8-77800
Street, A.J., Goodall, D.M., Greenhow, R.C. Transient bleaching of tris(1,10-phenanthroline) iron(II) 8-73060
Street, G.B. *see* Beyer, W. 8-91782
Street, G.B. *see* Temkin, H. 8-72519
Street, R.A. Recombination in amorphous semiconductors 8-72196
Street, R.A. *see* Biegelsen, D.K. 8-72589
Street, R.A. *see* Senke, W. 8-52555
Street, R.A. *see* Tsang, C. 8-72590
Street, R.L. *see* Chen Sheng Wang 8-85574
Street, R.L. *see* Findikakis, A.N. 8-90964
Street, R.L. *see* Miller, A.W., Jr. 8-57213
Streetman, B.G. *see* Helix, M.J. 8-88022
Streetman, B.G. *see* McLevige, W.V. 8-79898, 8-84213
Streett, W.B. *see* Evans, D.J. 8-75519
Strehblow, H.-H., Melliar-Smith, C.M., Augusty-niak, W.M. Examination of aluminium-copper films during the galvanostatic formation of anodic oxide. II. Rutherford backscattering and depth profiling 8-92395
Strehlow, R. *see* Friedrich, H. 8-89551
Strehovec, F. *see* Macek, J. 8-89970
Streifer, W., Hardy, A. Gaussian beam propagation in thin film waveguides 8-79102
Streifer, W., Scifres, D.R., Burnham, R.D. Analysis of gain-induced waveguiding in stripe geometry diode lasers 8-59007
Streifer, W., Scifres, D.R., Burnham, R.D. Periodic corrugated dielectric waveguides 8-59161
Streifer, W. *see* Scifres, D.R. 8-63202
Streifer, W. *see* Wai-Hon Lee 8-66782, 8-66783
Streil, T. *see* Lovchikova, G.N. 8-89841
Streit, G.E. *see* Davidson, J.A. 8-88628
Streit, G.E. *see* Dotan, I. 8-76829
Streit, K.-M. Characteristic loss of electrons at a platinum (111) surface 8-52605
Streit, L., Frohlich, J., Zankel, H., Zingl, H. Coulomb corrections in proton-proton scattering 8-70391
Streit, L. *see* Karwowski, W. 8-54564
Streitmatter, R.E. *see* Siohan, F. 8-73593, 8-90019
Strek, W. Theory of electric field induced radiationless transition 8-74690
Strek, W., Szafranski, C., Jozowska-Trzebiatowska, B. Concentration quenching of fluorescence in Nd₂Y_{1-x}P_{2x}O₁₄ 8-64404
Strek, W. *see* Mazurak, Z. 8-84624
Strel'chenko, S.S. *see* Korotkikh, V.L. 8-68071
Strelcyn, J.-M. *see* Benettin, G. 8-54288
Strelkov, A.V. *see* Kosvintsev, Yu.Yu. 8-78542
Strelkov, P.S. Attenuation-coefficient measurement by echo methods with immersion 8-60962
Strel'nikova, I.A. *see* Lebedev, A.I. 8-72595
Strel'nitskii, V.S. *see* Bolgova, G.T. 8-54030
Strel'tsov, V.A. Information characteristics of planetary gravitational fields 8-53835
Strel'tsov, V.A. Shear stresses induced by hydrostatic pressure near the surface of an inclusion 8-75074
Strel'tsov, V.A. *see* Kosevich, A.M. 8-75666
Stremina, L.L. *see* Bannykh, O.A. 8-56666
Streng, K.-H. *see* Fritzsche, H. 8-82146
Strenkowski, J.S. *see* Rybicki, E.F. 8-63400
Strepka, I.D. *see* Dominin, S.L. 8-65507
Streubel, M. 'Conserved' quantities for isolated gravitational systems 8-73900
Streubel, M. A comment on the uniqueness theorems for stationary black holes 8-96500
Streusand, B.J. *see* Durig, J.R. 8-86853, 8-86867
Strey, G. *see* Hennig, P. 8-50473
Strichartz, G. *see* Hondeghem, L.M. 8-77037
Stricker, K. *see* Wiedner, C.A. 8-89915
Strickland, P.E. *see* Baker, R.D. 8-70404
Strickler, A. Deflected-lamina electrophoresis (DLE): high performance separation of biologicals in space 8-85397
Strickler, D.J. *see* Peng, Y.-K.M. 8-54895, 8-58420
Strickler, R.F. *see* Miyakoda, K. 8-57282
Strickler, S.J., Rudolph, R.N. Pressure saturation of the collisional quenching of the ³B₁ state of SO₂ 8-86906
Strickmann, G. *see* Ploumen, P. 8-86631
Stride, A.H. *see* Kenyon, N.H. 8-96191
Stride, R. *see* Clay, B.D. 8-78470
Striefler, M.E., Barsch, G.R. Lattice dynamics of MgAl₂O₄ in relation to the space group of spinel 8-59898
Striem, H.L. *see* Miloh, T. 8-69300
Striem, H.L. *see* Vered, M. 8-65190
Strife, J.R. *see* Carr, M.J. 8-80546
Striffler, C.D., Kim, H. Equilibrium properties and limiting current behaviour of a cusp injected rotating E layer 8-83601
Strifors, H.C. On constitutive properties at singular crack borders 8-67108
Striganov, A.R. *see* Odintsova, N.K. 8-82694
Strigun, V.E. *see* Aristov, A.V. 8-82963
Strikha, V.I. Physical principles of the operation and application of Schottky-barrier metal-oxide junctions 8-84294
Strikha, V.I. *see* Buzaneva, E.V. 8-84307
Strikha, V.I. *see* Panichevskaya, V.I. 8-84297
Strikha, V.I. *see* Sidenko, T.S. 8-80061
Strikhar', O.L. *see* Adamenko, A.A. 8-89440
Strikman, M.I., Frankfurt, L.L. On inclusive π⁺ N spectra in hadronic reactions in the deuteron fragmentation region 8-54809
Strikman, M.I. *see* Frankfurt, L.L. 8-62404, 8-62417
Strimer, P. *see* Aubry, J.P. 8-76507
Stringari, S., Brink, D.M. Constraints on effective interactions imposed by antisymmetry and charge independence 8-86500
Stringari, S., Lipparini, E., Orlandini, G., Traini, M., Leonardi, R. Dynamic polarizability: TDHF theory and RPA sum rules 8-78292
Stringer, J. *see* Johnson, D.M. 8-72934
Strittmatter, D.J. Some experience with replicated optics at Hughes Aircraft Company 8-66889
Strittmatter, P.A. The continuous optical spectra of active nuclei 8-57644
Strittmatter, P.A. *see* Adams, M.T. 8-89248
Strittmatter, P.A. *see* Harms, R.J. 8-93303
Strittmatter, P.A. *see* Peterson, B.M. 8-86032
Strittmatter, P.A. *see* Wilkerson, M.S. 8-93447
Stritzker, B. Ion implantation and superconductivity 8-52134
Stritzker, B. *see* Soeder, J.M. 8-51572
Strizhalo, V.A., Stepanenko, V.A. Effect of frequency and low temperatures on the failure characteristics of steel 15G2AFDps in the low-cycle region 8-84995
Strizhevskii, S.V. *see* Venger, E.F. 8-55288
Strizhevskii, V.L. *see* Puchkovskaya, G.A. 8-87919
Strizhko, L.P. *see* Peskovatskii, S.A. 8-72312
Strnad, A.R. *see* Hu, E.L. 8-68114
Strnad, J. On six-dimensional space-time 8-89394
Strnad, P. *see* Strnad, Z. 8-92246
Strnad, Z., Strnad, P. Calculation of metastable two-liquid tie lines in ternary glass-forming systems 8-92246
Strnat, K.J. Rare-earth magnets in present production and development 8-52309
Strobel, D.F. Photochemical-radiative damping and instability in the stratosphere. II. Numerical results 8-81286
Strobel, G.L. *see* Burkhard, D.G. 8-50896, 8-74961, 8-83062
Strobl, G.R. Molecular motion, thermal expansion, and phase transitions in paraffins: a model for polymers 8-51436
Strobl, G.R. Molecular motion, thermal expansion and phase transitions in paraffin crystals 8-67837
Strobl, G.R., Trzebiatowski, T., Ewen, B. Analysis of the temperature dependence of the dielectric α-relaxation in the model of a paraffin-ketone mixed crystal 8-76383
Strocchi, F. Local and covariant gauge quantum field theories. Cluster property, superselection rules, and the infrared problem 8-70265
Strocchi, F. *see* Barbieri, R. 8-54607
Stroeve, P. The analysis of fibre distributions in fibre reinforced materials 8-52747
Stroganov, A.I. *see* Drobyshevskii, A.S. 8-94965
Stroganov, G.B., Burnashova, V.V., Starodub, P.K., Gladyshevskii, E.I. Studies of phase equilibria in the Al-Ag-Si system at 500°C 8-56612
Stroganov, Yu.G. *see* Asratyan, A.E. 8-62389
Strohbusch, U. *see* Bienenle, J.K. 8-93894
Strohbusch, U. *see* Palla, G. 8-82327
Stroink, G., Purcell, C., Blackford, B. Josephson effect in an undergraduate laboratory 8-54126
Strokach, N.S., Shigorin, D.N. Electronic-vibrational interactions in a polyatomic molecule. Quasi-line emission spectrum of 9,10-anthraquinone at 4.2K 8-55196
Strokach, N.S., Shigorin, D.N. External heavy atom in a polyatomic molecule. Quasi-line emission spectrum of 9,10-anthraquinone at 4.2K 8-82773
Strokach, N.S., Shigorin, D.N., Kolokolov, B.N. Internal heavy atom in a polyatomic molecule. The vibronic emission spectrum of β-F-9, 10-anthraquinone 8-82774
Strokan, N.B. *see* Votinov, P.A. 8-78592
Stroke, G.W., Halioua, M., Srinivasan, V. A holographic computing step for image display in X-ray crystallography 8-91199
Stroke, H.H. *see* Fulop, G.F. 8-54456
Strokin, N.A. *see* Koshilev, N.A. 8-58033, 8-78038
Strokov, V.A., Ketkovich, A.A., Upadyshev, A.B. The 1K-10R1 radiometer 8-49836
Strokov, V.A., Ketkovich, A.A., Upadyshev, A.B. The OD-10Eh boroscope 8-50938
Strokov, V.A. *see* Karpel'son, A.E. 8-53127
Strokov, V.A. *see* Ketkovich, A.A. 8-59111, 8-73006, 8-76812
Strokov, V.A. *see* Popov, Yu.A. 8-85107
Strolin, P. *see* Clark, A.G. 8-89751, 8-89759
Strom, K.M. *see* Strom, S.E. 8-81681
Strom, R.G., Willis, A.G., Wilson, A.S. Two-frequency high resolution observations of 3C 382 and 3C 386 8-86031
Strom, R.G. *see* Willis, A.G. 8-61918
Strom, S. *see* Kristensson, G. 8-94461
Strom, S.E., Strom, K.M. Surface brightness and color distributions of elliptical and SO galaxies. II. E galaxies in the clusters Abell 426 (Perseus) and Abell 1367 8-81681
Strom, U., von Schickfus, M., Hunklinger, S. Low-temperature anomalies in the microwave dielectric properties of Na β-alumina 8-92013
Strom, U. *see* Taylor, P.C. 8-52354, 8-88187
Strom-Olsen, J. *see* Cochrane, R.W. 8-68018
Strom-Olsen, J.O. *see* Cochrane, R.W. 8-52243, 8-68158
Stromberg, A.G. *see* Kaplin, A.A. 8-61098
Stromberg, G. *see* von Stromberg, G.
Stromeyer, C.F., III, Kranda, K., Sternheim, C.E. Selective chromatic adaptation at different spatial frequencies 8-65006
Stromeyer, C.F., III, Madsen, J.C., Klein, S., Zeevi, Y.Y. Movement-selective mechanisms in human vision sensitive to high spatial frequencies 8-92632

- Stromgren, B.** Possible use of electrongraphically recorded low-dispersion slitless spectra in optical quasar surveys 8-57467
- Stromgren, B.** Development of the galaxies in the expanding Universe 8-86019
- Stromich, A.** *see* Steinmetz, B. 8-86522
- Stronach, C.E.** *see* Bieman, L.H. 8-68272
- Stronach, C.E.** *see* Funsten, H.O. 8-89912
- Stronach, C.E.** *see* Lind, V.G. 8-89913
- Strong, A.B.** *see* Depooter, K. 8-79397
- Strong, A.B.** *see* Smith, J.M. 8-77116
- Strong, A.E.** Chemical whittings and chlorophyll distributions in the Great Lakes as viewed by LANDSAT 8-77283
- Strong, A.W.** The radio halo of NGC 891 8-61920
- Strong, D.F., Dickson, W.L.** Geochemistry of Paleozoic granitoid plutons from contrasting tectonic zones of northeast Newfoundland 8-57201
- Strong, D.F., O'Brien, S.J., Taylor, S.W., Strong, P.G., Wilton, D.H.** Aborted Proterozoic rifting in eastern Newfoundland 8-57200
- Strong, G.S.** *see* Lozowski, E.P. 8-93001
- Strong, J.A.** *see* Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Strong, P.G.** *see* Strong, D.F. 8-57200
- Strong, R.** *see* Steckelmacher, W. 8-70971, 8-78794
- Strongin, M., Clinton, W.L., Mercereau, J.E., Wheatley, J.C.** Low temperature research and superconductivity 8-88053
- Strongin, M.** *see* Ghosh, A.K. 8-52122
- Stronskii, A.V.** *see* Kostyshin, M.T. 8-56535, 8-59101
- Stroot, J.P.** *see* Binon, F. 8-82582
- Stroot, J.-P.** *see* Binon, F. 8-54804
- Stroppe, H.** *see* Niederhoff, L. 8-64589
- Strosio, M.A., Henderson, D.B., Petschek, A.G.** Numerical computation of the density profile produced by 10.6- μ m irradiation of an SiO₂ microballoon 8-86686
- Stross, F.H., Bowman, H.R., Michel, H.V., Asaro, F., Hammond, N.** Mayan obsidian: source correlation for southern Belize artifacts 8-70244
- Strottman, D.** *see* Anyas-Weiss, N. 8-93949
- Stroud, C.R., Jr.** *see* Gray, H.R. 8-66499
- Stroud, D., Pan, F.P.** Self-consistent approach to electromagnetic wave propagation in composite media: Application to model granular metals 8-51920
- Stroud, D., Pan, F.P.** Self-consistent theory of electromagnetic wave propagation in composite media 8-56442
- Struble, G.L., Lanier, R.G., Mann, L.G., Sheline, R.K., Kouzes, R.T., Moore, W.H., Mueller, D., Naumann, R.A., Oelrich, I.C.** Levels in ¹⁸⁹Ir and ¹⁹¹Ir observed in the (p,t) reaction 8-66212
- Struble, G.L.** *see* Dupzyk, R.J. 8-70670
- Struble, G.L.** *see* Lanier, R.G. 8-93929
- Struble, G.L.** *see* Rouse, R.J. 8-86503
- Struble, G.L.** *see* Sheline, R.K. 8-78237
- Struchkov, Yu.T.** *see* Kravars, M.A. 8-71641
- Struchkov, Yu.T.** *see* Nasirov, S.-M. 8-79602
- Struchkov, Yu.T.** *see* Shulin, A.N. 8-95047
- Struchkov, Yu.T.** *see* Udel'nov, A.I. 8-67622
- Struchinskii, W.** *see* Cobb, J.H. 8-62469, 8-89749
- Strugalski, Z.** Experimental basis of gamma astronomy 8-96394
- Struk, I.I.** *see* Andreeva, T.A. 8-59027
- Strukov, B.A., Minaeva, K.A., Kkhanna, S.K.** Acoustooptic study of the anisotropy and critical anomalies of the velocity and absorption of ultrasound in uniaxial ferroelectrics 8-95574
- Strukov, B.A., Sinyakov, E.V., Maishchik, E.P., Minaeva, K.A., Monya, V.G., Vlokh, O.G.** Ultrasonic relaxation, blurring of the phase transition and certain physical properties of crystals of lead germanate and its solid solutions 8-95559
- Strukov, B.A., Yakushkin, E.D.** Effect of large-scale inhomogeneity on phase transition in ferroelectric single crystals of triglycerine sulfate (TGS) 8-76411
- Strukov, B.A.** *see* Ostrovskii, B.I. 8-60380, 8-91250
- Strukov, B.A.** *see* Taraskin, S.A. 8-67737
- Strukov, Yu.A.** *see* Barabanov, B.N. 8-51367
- Strumia, F.** *see* Benedetti, R. 8-59026
- Strumina, F.** *see* Benedetti, R. 8-59056
- Struminskii, V.V.** Methods of solution of the system of kinetic equations of a gaseous mixture 8-83511
- Strumke, M., Venzke, H.-J.** Numerical calculation of the instantaneous temperature and concentration field in a laminar boundary layer with particular consideration of thermo-diffusion 8-71386
- Strumin, V.P.** *see* Molin, Yu.N. 8-76843
- Strumk, H.** *see* Hagen, W. 8-87673
- Strutinsky, V.M.** *see* Ivanuk, F.A. 8-58241
- Struts, G.V.** *see* Ornatkiy, A.P. 8-51043
- Struve, W.S., Rantzeppis, P.M.** Solvent effects in the picosecond relaxation of large molecules 8-58737
- Stryjak, A.J.** Microstructure and properties of transparent glass-ceramics 8-59960
- Stryjak, A.J., McMillan, P.W.** Microstructure and properties of transparent glass-ceramics. I. The microstructure of spinel transparent glass-ceramics 8-56667
- Stryjak, A.J., McMillan, P.W.** Microstructure and properties of transparent glass-ceramics. II. The physical properties of spinel transparent glass-ceramics 8-80506
- Stryjak, A.J., McMillan, P.W.** Microstructure and properties of transparent glass-ceramics. III. ESR studies of glass crystallisation 8-80507
- Stryland, E.** *see* van Stryland, E.
- Stryland, J.C.** *see* Looi, E.C. 8-78703
- Strzalkowski, A.** *see* Budzanowski, A. 8-66289
- Strzalkowski, A.** *see* Jarczyk, L. 8-78353
- Strzalkowski, A.** *see* Majka, Z. 8-82366
- Strzhemchyni, M.A.** *see* Silyusarev, V.A. 8-87844
- Stuart, A.E., Oertel, D.** Neuronal properties underlying processing of visual information in the barnacle 8-88710
- Stuart, A.E.G.** *see* Osborne, A. 8-65784
- Stuart, A.E.G.** *see* Osborne, A.D. 8-89614
- Stuart, D.G.** *see* Binder, M.D. 8-80856
- Stuart, J.D.** *see* Eaton, H.E. 8-53303, 8-58044
- Stuart, J.L.** *see* Rho, J.H. 8-58046
- Stuart, J.T., DiPrima, R.C.** The Eckhaus and Benjamin-Feir resonance mechanisms 8-55632
- Stuart, J.T.** *see* Eagles, P.M. 8-71339
- Stuart, R.A.** *see* Baglee, D. 8-56250
- Stuart, W.F.** *see* Walker, A.D.M. 8-65454
- Stubb, T.** *see* Kaski, K. 8-68387
- Stubbs, J.** *see* Kaletta, D. 8-67751
- Stubbs, D.F.** Connectivity and the brain 8-77039
- Stubbs, L.C.** *see* Golding, R.M. 8-79967
- Stubbs, R.J.** *see* Ariyaratne, T.R. 8-70694
- Stubeda, D.J., LeMere, M., Tang, Y.C.** Resonant-group study of the n+⁶Li system 8-50168
- Stubeda, D.J., Tang, Y.C.** Odd-even behavior in the n+⁶Li system 8-50159
- Stubenrauch, C.F.** *see* Day, G.W. 8-87087
- Stubican, V.S.** *see* O'Holleran, T.P. 8-59852
- Stucheli, A., Widmer, F.** Non-isothermal film-flow of a highly viscous liquid, the viscosity strongly depending on temperature 8-83439
- Stuchinskiy, G.B., Sheftel', M.M.** Electron bombardment induced conductivity in porous cesium halide layers 8-56550
- Stuchly, M.A.** Potentially hazardous microwave radiation sources—a review 8-73173
- Stuchly, M.A.** *see* Stuchly, S.S. 8-93732
- Stuchly, S.S., Matuszewski, M.** A combined total reflection-transmission method in application to dielectric spectroscopy 8-86295
- Stuchly, S.S., Stuchly, M.A.** A method of permittivity measurement for lossy materials with high dielectric constant 8-93732
- Stuchly, S.S.** *see* Iskander, M.F. 8-54392
- Stuck, R.** *see* Muller, J.C. 8-63784, 8-88481
- Stuck, W.** *see* Beck, K. 8-88758
- Stuck, W.** *see* First, R.S. 8-81037
- Stuck, W.** *see* Krishna Murthy, T.G. 8-80991
- Stuckenrath, R.** *see* Stanley, D.J. 8-57193
- Stucki, F.** *see* Hulliger, F. 8-84409
- Stucki, F.** *see* Ott, H.R. 8-84445
- Stucki, F.** *see* Schlappach, L. 8-84819
- Stucki, J.W.** Stability analysis of biochemical systems—a practical guide 8-73135
- Stucky, D.G.** *see* Massenet, O. 8-52233
- Studebaker, G.A.** *see* Killion, M.C. 8-69107
- Studer, F., Raveau, B.** An electron microscope study of the intergrowth phenomenon in barium siliconiobates. I. The compounds (Ba₂Nb₂Si₄O₂₆)_n-Ba₂Nb₂Ti₄O₂₁ with n between 3/2 and 29/2 8-83762
- Studer, F., Raveau, B.** Study of intergrowths in barium siliconiobate by electron microscopy. II. Multiple intergrowths and microdomains 8-95160
- Studer, P.** *see* Cuoni, B. 8-60443
- Studna, A.A.** *see* Aspnes, D.E. 8-54436, 8-54441
- Studwell, J.F., Rettinger, M.** Acoustic and other design factors for television and motion-picture stages 8-79169
- Stuessi, E., Aebersold, P., Debrunner, H.U.** The representation of gait by 4-dimensional vectors 8-88723
- Stufflebeam, J.H., Jennings, W.C., Hickok, R.L.** Heavy ion beam probe plasma diagnostic system for the deep magnetic well LITE device 8-59669
- Stuhl, F.** *see* Michels, F. 8-73121
- Stuhmer, W.** *see* Matsumoto, G. 8-92616
- Stuhrmann, H.** Recent results of synchrotron radiation experiments at the European Molecular Biology Laboratory in Hamburg 8-66700
- Stuhrmann, H.B.** *see* Chrichton, R.R. 8-77021
- Stuijts, A.L.** *see* van den Broek, C.A.M. 8-84455
- Stuivenberg, J.H., Van Wageningen, R.** The off-shell sensitivity of the nucleon-deuteron breakup reaction 8-82340
- Stuiver, M.** Atmospheric carbon dioxide and carbon reservoir changes 8-57278
- Stuiver, M.** Radiocarbon timescale tested against magnetic and other dating methods 8-57359
- Stuiver, M., In Che Yang, Heusser, C.J.** North American glacial history extended to 75000 years ago 8-77284
- Stuiver, W.** Lagrange configurations in space system dynamics 8-73606
- Stukalo, O.S.** *see* Okhrimenko, M.G. 8-54165
- Stukalov, A.I.** *see* Zelenskii, V.F. 8-78471
- Stuke, M., Marino, E.E.** On-line computer controlled CW dye laser spectrometer for laser isotope separation 8-70948
- Stukel, J.J.** *see* Lane, D.D. 8-87380
- Stukel'man, L.L., Kalinin, V.A.** Model 'Metal-6' ultrasonic instrument for continuous thickness inspection 8-72981
- Stukov, O.I.** *see* Zabaev, V.N. 8-66124
- Stulik, K.** *see* Opekar, F. 8-53290
- Stullich, T.W.** *see* Gresho, P.M. 8-92956
- Stulov, V.P.** *see* Mirskiy, V.N. 8-91028
- Stulz, L.W.** *see* Kaminow, I.P. 8-74975
- Stulz, L.W.** *see* Smith, P.W. 8-75001
- Stumer, I.** *see* Cobb, J.H. 8-62469, 8-89749
- Stumm, J., Hofmann, A.** Multishell-model description of low-energy proton scattering 8-86533
- Stummel, F.** Remarks concerning the patch test for nonconforming finite elements 8-77697
- Stump, B.W., Johnson, L.R.** The determination of source properties by the linear inversion of seismograms 8-65394
- Stump, D.R.** Local version of the Atiyah-Singer index theorem for vector fields 8-58128
- Stump, D.R.** Interpretation of small variations of an n-pseudoparticle solution 8-66042
- Stump, D.R.** Equivalence of worlds with different θ values in massless quantum chromodynamics 8-78093
- Stumpe, E.** *see* Oechsner, H. 8-88397
- Stupachenko, M.G.** *see* Saifiev, R.Z. 8-95701
- Stupak, W.A.** *see* Smith, E.I. 8-57203
- Stupakov, G.V.** *see* Ryutov, D.D. 8-71518
- Stupakov, V.V.** *see* Svistunov, V.M. 8-52154
- Stupel, M.M., Ron, M., Weiss, B.Z.** Formation of the ω -phase during the aging of β Ti(7.1 wt pct Fe)—A Mossbauer study 8-52800
- Stupin, D.M., Day, R.H., Whitman, R.L., Kruger, R.P.** Microradiography of laser fusion targets with monochromatic X-rays 8-50310
- Stupin, D.M.** *see* Whitman, R.L. 8-50311
- Stupina, N.N.** *see* Katsnel'son, A.A. 8-71728
- Stupnikov, Yu.P.** *see* Shnyrev, P.D. 8-49820
- Stupnitskii, A.M.** *see* Kleis, I.R. 8-95813
- Stupochenko, E.V.** A possible generalization of the thermodynamics of irreversible processes to some intrinsically non-equilibrium systems 8-54329
- Stupp, S.L., Carr, S.H.** Spectroscopic analysis of electrically polarized polyacrylonitrile 8-68443
- Stupp, S.L.** *see* Comstock, R.J. 8-52431
- Sturans, M.A., Koste, W.W.** Kinetic focusing requirements for precision e-beam machining of unfired ceramic material 8-80661
- Sturch, C.R.** UVB photometry of RR Lyrae stars in ω Centauri 8-73719
- Sturge, M.D.** *see* Kamgar, A. 8-64123
- Sturge, M.D.** *see* Tsui, D.C. 8-68062
- Sturgeon, J.B.** Creep, repeated loading, fatigue and crack growth in $\pm 45^\circ$ oriented carbon fibre reinforced plastics 8-88729
- Sturgeon, P.Z.** *see* Garton, A. 8-95871
- Sturges, D.J., Martin, S.W., Jones, C.K.** Wear-related topography of ion-bombarded surfaces 8-60847
- Sturges, L.** *see* Joseph, D.D. 8-81847
- Sturges, L.D.** Secondary flow induced by the rotation of a wavy rod 8-63456
- Sturla, E.** *see* Bertolotti, M. 8-75534
- Sturm, F.** *see* Giedenbacher, G. 8-64603
- Sturm, K.** Local-field effects in the plasmon line shape of semiconductors of the diamond and zinc-blende structures 8-76011
- Sturm, K.** Plasmon dispersion in simple metals 8-91629
- Sturm, R.** *see* Fuhs, W. 8-87713
- Sturm, R.** *see* Sayer, R.O. 8-66242
- Sturm, R.E.** *see* Olson, J.R. 8-69497
- Sturm, W.** *see* Brandelik, R. 8-62416
- Sturman, B.I.** Photogalvanic effect in the field of a strong electromagnetic wave 8-91731
- Sturman, B.I.** *see* Belinicher, V.I. 8-95570
- Sturman, B.I.** *see* Kanaev, I.F. 8-59094, 8-60151
- Sturzenegger, Ch.** *see* Stahli, G. 8-88555
- Stus', Yu.F.** *see* Bulanzhe, Yu.D. 8-69274
- Stutte, L.** *see* Barish, B.C. 8-62386, 8-89699
- Stutte, L.** *see* Merritt, F.S. 8-66104
- Stutz, P.** *see* Boisserie, J.M. 8-51092
- Stutzke, D.** Applications of flowmeters using anemometers together with calculators and digital displays 8-75242
- Stout, H.A.** *see* Northolt, M.G. 8-91273
- Stuwe, H.P.** *see* Kutschej, R. 8-92279

- Stwalley, W.C., Sze-Cheng Yang, Yin-Kang Hsieh, Orth, F.B., Li, K.C. The dissociation energy of C₅H 8-90314
- Stwalley, W.C., Yea-Hwang Uang, Pichler, G. Pure long-range molecules 8-94301
- Stwalley, W.C. *see* Chung-Yung Robert Wu 8-55255
- Stwalley, W.C. *see* Crooks, J.B. 8-78788
- Stwalley, W.C. *see* Das, G. 8-66483
- Stwalley, W.C. *see* Proctor, T.R. 8-70895
- Stwalley, W.C. *see* Wu, C.Y.R. 8-90126
- Stwalley, W.C. *see* Yin-Kang Hsieh 8-50486
- Stwalley, W.C. *see* Zemke, W.T. 8-66603, 8-66604, 8-78752, 8-78753
- Styczek, A. The solution of the Navier-Stokes equation via successive approximations 8-51144
- Styzen, J. *see* Haas, B. 8-54675
- Styczynski, A. *see* Krupkowski, A. 8-56652
- Styles, G.A., Tranfield, G. Nonlocal pseudo-potential calculations of Knight shifts in liquid metals and alloys. I. Pure metals 8-91965
- Styles, P. *see* Hoult, D.I. 8-86312
- Styricovich, M.A., Baryshev, Yu.V., Tsiklauri, G.V., Grigorjeva, M.E. The mechanism of heat and mass transfer between a water drop and a heated surface 8-90908
- Styrikovich, M.A., Leont'yev, A.I., Polonskiy, V.S., Malashkin, I.I. Investigation of transcritical (post-dryout) heat transfer in smooth and rough steam-generating tubes 8-55678
- Styrikovich, M.A., Polonskiy, V.S., Zuykov, A.S., Leontiev, A.I. Heat and mass transfer interrelation 8-94544
- Styrikovich, M.A., Tsiklauri, G.V., Baryshev, Yu.A., Sakhno, V.P. Wave pattern and liquid film burnout with concurrent vapor flow 8-90985
- Styris, D.L., Jones, R.H. Experimental studies using light ions to simulate fusion neutron damage effects on mechanical properties 8-71768
- Styro, B.I., Luyanas, Y.Yu., Zinkyavichyus, P.K. Concerning the problem of the magnitude of the flux of cosmogenic radioisotopes onto the Earth's surface and its time variations 8-61634
- Styrov, V.V., Tyurin, Yu.I., Kabanskii, A.E. Nonequilibrium electron effects on surfaces of semiconductor crystals subjected to chemical excitation. II 8-72239
- Styrov, V.V. *see* Izmailov, Sh.L. 8-72602
- Styrov, V.V. *see* Tyurin, Yu.I. 8-72238
- Su, C.H. *see* Margolis, S.B. 8-79357
- Su, C.Y. *see* Garner, C.M. 8-92170, 8-95349
- Su, C.Y. *see* Lindau, I. 8-95358
- Su, D.-R. Itinerant magnetic-electron theory for resistivity anomalies of ferromagnetic metals near Curie temperatures 8-95292
- Su, E.C.F. *see* Su, T. 8-92466
- Su, S.-J. *see* Stillwagon, G.B. 8-78506
- Su, T., Su, E.C.F., Bowers, M.T. Ion-polar molecule collisions. Conservation of angular momentum in the average dipole orientation theory. The AADO theory 8-92466
- Su, T.C. *see* Lou, Y.K. 8-63358
- Su, T.Y. *see* Wang, S.Y. 8-79333
- Su Der-Ruenn *see* Ser-Ruenn Su
- Su Fu *see* Fu Su
- Su Shih *see* Ren Jing-Ru 8-89028
- Su Ying-Wei *see* Yang Chuan-zheng 8-95792
- Su-Shu Huang Interpretation of beta Lyrae. IV. Hydrogen emission profiles and the pattern of gaseous flow in the system 8-57576
- Suard, M. *see* Lakdar, T.B. 8-86783
- Suarez, C.B., Maranon, J. Franck-Condon factors and R-centroids for ScF₃, YF₃, and LaF₃ including rotation-vibration effect 8-50596
- Suarez, C.B., Valero, F.P.J. Intensities, self-broadening, and broadening by Ar and N₂ for the 301_{III}←000 band of CO₂ measured at different temperatures 8-78695
- Suarez, C.B., Valero, F.P.J. Absolute intensity measurements at different temperatures of the C¹⁸O₂¹⁶ bands 301_I←00⁰0 and 301_I_{IV}←00⁰0 8-86864
- Suarez, C.B. *see* Valero, F.P.J. 8-86865
- Suarez, M.J. *see* Held, I.M. 8-81348
- Suabius, L. *see* Asmontas, S. 8-87982
- Subashiev, A.V. *see* D'Yakov, M.I. 8-67953
- Subasic, D. *see* Vucic, Z. 8-75809
- Subba, R.K. *see* Nargundkar, V.R. 8-86575
- Subba Rao, B.N. *see* Cheung, H.C. 8-86510
- Subba Rao, S.C., Fenslau, C. Evaluation of benzene as a charge exchange reagent 8-70929
- Subba Rao, U.V., Babu, V.H. Microhardness studies in alkali halide mixed crystals 8-83872
- Subba Rao, V. *see* Kishore, G.S. 8-50766
- Subba Rao, V. *see* Rao, I.V. 8-58731
- Subbarao, S.N. *see* Lyons, A. 8-52700
- Subbaswamy, K.R., Mills, D.L. ϕ^4 domain walls in thin ferromagnetic films: occurrence of a novel critical point 8-95500
- Subbaswamy, K.R. *see* Sirkko, R. 8-87932
- Subbomin, L.K. *see* Divil'kovskii, I.M. 8-59015
- Subbotin, L.S. *see* Zhilin, N.S. 8-77869
- Subbotin, S.I. *see* Shchanov, M.F. 8-86284
- Subbotin, V.I., Ivanovskii, M.N., Kudryavtsev, A.P., Prosvetov, V.V., Sorokin, V.P., Sorokin, D.N. Critical heat fluxes with the vaporization of sodium from the capillary-porous structures of heat tubes and vapor chambers 8-90631
- Subbotin, V.I., Sorokin, D.N., Nigmatulin, B.I., Milashenko, V.I., Nikolayev, V.E. Integrated investigation into hydrodynamic characteristics of annular-dispersed steam-liquid flows 8-94806
- Subbotina, G.V. *see* Zolotova, N.M. 8-84449
- Subchinski, V.K. *see* Ruuge, E.K. 8-77015
- Subchinski, V.K. *see* Tikhonov, A.N. 8-77014
- Subhadra, K.G., Sirdeshmukh, D.B. X-ray determination of the mean Debye-Waller factors, amplitudes of vibrations and the Debye temperatures of CdO, PbS and MnS 8-55928
- Subhadra, K.G., Sirdeshmukh, D.B. X-ray determination of the mean Debye-Waller factors, amplitudes of vibration and [Debye temperatures] of six crystals with [CsCl structure] 8-75792
- Subhadra Ramachandran, P. *see* Mathur, M.N. 8-75174
- Subotowicz, M. CETI from an Earth satellite orbit 8-61758
- Subra, R. *see* Douady, J. 8-62725
- Subrahmanyam, S.V. *see* Manohara Murthy, N. 8-87605
- Subrahmanyam, V.V.V., Murty, K.N., Narayana, D.G.S., Roy, R.M.N. External bremsstrahlung spectral shape dependence on target thickness 8-56545
- Subramanian, A. *see* Aguilar-Benitez, M. 8-82228
- Subramanian, A. *see* Cooper, A.M. 8-62465, 8-78205
- Subramanian, A. *see* Hamatsu, R. 8-66141
- Subramanian, A. *see* Lal, S. 8-62514
- Subramanian, A. *see* Nacasch, R. 8-54646
- Subramanian, T.S. *see* Fitzgerald, D.H. 8-62424
- Subramanian, T.S. *see* Romero, J.L. 8-50148
- Subrahmanyam, R., Alpert, N.M., Hoop, A.B., Jr., Brownell, G.L., Taveras, J.M. A model for regional cerebral oxygen distribution during continuous inhalation of ¹⁵O₂, C¹⁵O, and C¹⁵O₂ 8-65108
- Subrahmanyam, S. *see* Srivatsavan, R. 8-92358
- Subramhanyam, H.S. *see* Somashekar, R. 8-76419
- Subrta, V. Exciton propagation and memory effect in molecular crystals at low temperatures 8-67947
- Subrtova, V., Plesek, J. Crystal structures of boranes 8-87649
- Subudhi, P.C., Lim, E.C. Formation and decay of triplet excimers as revealed by their absorption spectra: intramolecular excimers of α,α -dinaphthylalkanes 8-62816
- Subudhi, P.C., Lim, E.C. Triplet-triplet annihilation of excimers in fluid solutions of dinaphthylalkanes 8-86904
- Sucee, J., Hedge, S. Transient conduction in a slab with temperature dependent thermal conductivity 8-75031
- Suchanek, V. *see* Trvdy, M. 8-60885
- Suchannek, R. *see* Baker, F.T. 8-70550
- Suchard, S.N. Laser isotope separation: an overview 8-55257
- Suchard, S.N. *see* Wilson, L.E. (editor) 8-63076
- Suche, H. *see* Sohrler, W. 8-94432
- Sucher, J. Ground-state energy of any atom 8-50460
- Sucher, J. Long range forces in quantum theory 8-82811
- Suchkov, A.A. *see* Marsakov, V.A. 8-96545
- Suchkov, A.F. *see* Aleksandrov, V.V. 8-94401
- Suchkov, A.F. *see* Basov, N.G. 8-50799
- Suchkov, A.I. *see* Kovalev, I.D. 8-64902
- Suchman, R. *see* Gudmandsen, P. 8-81419
- Suchomel, J., Adamik, V. Interaction of the molten fuel with sodium in the events of fast reactor accidents 8-66352
- Suck Hee Be *see* Enriju, H. 8-87006
- Suckewer, S., Hawryluk, R.J. Plasma edge cooling during RF heating 8-67400
- Suckewer, S., Hinnov, E. Observation of a forbidden line of Fe XX and its application for ion temperature measurements in the Princeton Large Torus Tokamak 8-83602
- Suckewer, S. *see* Brusati, M. 8-79469
- Suckewer, S. *see* Hinnov, E. 8-91155
- Sucov, E.W. Impurity and gas throughput control for TNS 8-54907
- Suda, F., Hatano, J., Futama, H. Domain structures and domain wall energies in ferroelectric guanidinium aluminum sulfate hexahydrate 8-92039
- Suda, M. *see* Eder, O.J. 8-79514
- Suda, N., Hidaka, T. An ESR experiment of hemoglobin 8-53333
- Suda, T., Matsuzaki, K., Kurita, S. Infrared quenching of photocapacitance in ZnS:Ag evaporated thin films 8-56180
- Suda, T. *see* Brandelik, R. 8-62416
- Suda, Ya. *see* Pflyug, K. 8-65499
- Sudan, R.N. Ion-ring igniter for inertial fusion 8-78497
- Sudan, R.N. *see* Finn, J.M. 8-83553
- Sudan, R.N. *see* Greenspan, M. 8-50324
- Sudano, J.J., Levy, P.M. Phase behaviour of a variant of the 3-state Potts model 8-68259
- Sudar, S., Csikai, J., Buczek, M. Diffusion of ²⁴Na in polycrystalline aluminium 8-51746
- Sudarsanan, K., Young, R.A. Structural interactions of F, Cl and OH in apatites 8-55837
- Sudarshan, E.C.G. *see* Mukunda, N. 8-55328
- Sudbo, A.A.S. *see* Nienhuis, B. 8-65878
- Sudbo, A.A.S. *see* Grant, E.R. 8-82800
- Sudhakar, P., Bhattacharyya, A.B., Mathur, B. SAW bandpass filter with -50 dB sidelobes using unweighted IDTs 8-71244
- Sudip Chakravarty *see* Lin-Liu, Y.R. 8-82301
- Sudnik-Hryniewicz, M. *see* Bokhenkov, E.L. 8-51629
- Sudnik-Hryniewicz, M. *see* Natkaniec, I. 8-63816
- Sudnitsyn, O.A. *see* Peskov, O.L. 8-94088
- Sudo, E. *see* Okochi, H. 8-53050
- Sudo, S., Kawachi, M., Edahiro, T., Izawa, T., Shioda, T., Gotoh, H. Low-OH-content optical fibre fabricated by vapour-phase axial-deposition method 8-83125
- Sudo, T. *see* Sakae, T. 8-83785
- Sudou, K. *see* Arai, S. 8-63500
- Sudovtsov, A.I. *see* Kuz'menko, V.M. 8-72301
- Sudraud, M., Varoquaux, E.J. Experimental entropy of ⁴He under pressure 8-56004
- Sue, B. *see* Rockensies, J.W. 8-66412
- Sueki, Y. *see* Saka, H. 8-51564
- Suematsu, H. *see* Koike, Y. 8-91827
- Suematsu, Y., Tokiwa, H. Transmission characteristics of mode-coupled graded-index multimode optical fibers 8-90526
- Suematsu, Y. *see* Akiba, S. 8-66828
- Suematsu, Y. *see* Furuya, K. 8-63195, 8-66932, 8-74905, 8-87143
- Suematsu, Y. *see* Hirota, O. 8-71049
- Suematsu, Y. *see* Hong, T. 8-66853
- Suematsu, Y. *see* Ishikawa, S. 8-63183
- Suematsu, Y. *see* Kawanishi, H. 8-82986, 8-87064
- Suematsu, Y. *see* Tokiwa, H. 8-66933
- Suemitsu, H. *see* Fukao, M. 8-87504
- Suemoto, Z. *see* Kohno, T. 8-61831
- Suemoto, Z. *see* Tanaka, W. 8-61850
- Suenaga, K. *see* Sueyoshi, H. 8-84860
- Suenram, R.D., Lovas, F.J., Johnson, D.R. Microwave spectrum of ethyl hypochlorite 8-58673
- Suenram, R.D., True, N.S., Bohn, R.K. Microwave spectroscopic study of the conformations, relative energies, and dipole moments of ethyl cyanoformate 8-55164
- Sueta, R. *see* Matsushima, T. 8-74925
- Sueta, T. *see* Izutsu, M. 8-59134
- Suetin, P.E. *see* Ivakin, B.A. 8-66624
- Suetin, P.E. *see* Kupryazhkin, A.Ya. 8-79775
- Suetin, P.E. *see* Raspopin, A.S. 8-67303
- Suetin, V.A. *see* Ivanter, I.G. 8-88245
- Suetin, V.S. The estimation of microwave radiation spectrum of the ocean surface based on multichannel remote measurements 8-65420
- Suetin, V.S. *see* Nelepo, B.A. 8-65419
- Suetta, G. *see* Morasso, P. 8-81077
- Sueyoshi, H., Suenaga, K. Effects of pre-treatment on the graphitization behaviour in hypo-eutectoid low alloy steel 8-84860
- Suezawa, M. A note on the thickness of transformation twin 8-95750
- Suezawa, M., Cook, H.E. On the streaming phenomenon. I. Static considerations 8-83844
- Suffczynski, M. Imaging by nuclear magnetic resonance 8-77098
- Suffczynski, M. *see* Kunert, H. 8-51456
- Suffern, K.G. Some thoughts on Dyson spheres 8-69710
- Suffern, K.G. A multi-term trial function stability analysis of isotropic relativistic star clusters 8-73742
- Suffert, M., Backenstoss, G., Blum, P., Fransson, K., Guigas, R., Izycki, M., Koch, H., Pavlopoulos, P., Poth, H., Tauscher, L., Zioutas, K. Possible evidence for quasinuclear bound states pp system 8-54642
- Suffert, M. *see* Pavlopoulos, P. 8-62443
- Suffritti, G.B. *see* Filippini, G. 8-71811
- Suga, H. *see* Murty, K. 8-72231
- Suga, N. *see* Manabe, T. 8-80892
- Sugai, H., Maruyama, M., Sato, M., Takeda, S. Whistler wave ducting caused by antenna actions 8-59586
- Sugai, H., Sato, M., Ido, K., Takeda, S. Dispersion and attenuation of whistler waves in a finite plasma 8-63570
- Sugai, S. *see* Kawamura, H. 8-76416
- Sugai, S. *see* Ohno, N. 8-75526
- Sugakov, V.I., Khotyaintsev, V.N. Scattering of light by excitons localized at dislocation 8-60479
- Sugakov, V.I. *see* Ostapenko, N.I. 8-56498
- Sugama, S. *see* Kubota, K. 8-87032
- Sugano, K. *see* Toshioka, K. 8-93885
- Sugano, L. *see* Indow, T. 8-56999
- Sugano, N. *see* Tsukada, M. 8-80858

- Sugano, R.** *see* Inose, M. 8-89690
Sugano, S. *see* Aoyagi, K. 8-88283
Sugano, S. *see* Asada, S. 8-95650
Sugano, T. *see* Kawai, N.J. 8-84371
Sugano, T. *see* Yamasaki, K. 8-85015
Suganomata, S., Ishikawa, I. Sone non-linear effects on self-exciting wave in SF_6 glow discharge 8-83633
Suganomata, S. *see* Ishikawa, I. 8-55064
Suganuma, T. *see* Katsuyama, T. 8-60526
Sugar, J., Corliss, C. Energy levels of vanadium, V I through V XXIII 8-94207
Sugar, R.L. *see* Bronzan, J.B. 8-70287
Sugar, S. *see* Basina, Yu.V. 8-93063
Sugasawa, F. *see* Totani, T. 8-58053
Sugata, Y. *see* Onodera, A. 8-88262
Sugawara, H. *see* Kamide, H. 8-92396
Sugawara, K. Effect of crystal-fields on the electron paramagnetic resonance and nuclear magnetic resonance of some rare-earth compounds. III 8-56391
Sugawara, K. Interlaboratory comparison of the determination of mercury and cadmium in sea and fresh waters 8-81209
Sugawara, K., Woollam, J.A. NMR relaxation rate and the libron energy of solid hydrogen 8-88204
Sugawara, M., Ichinohe, T., Urasawa, S., Oyama, M., Kubota, T., Kurihara, A., Konno, O., Shibasaki, Y., Terasawa, T., Nakahara, K., Nemoto, S., Muto, M., Shoda, K., Torizuka, Y. Performance of an energy compressing system for the Tohoku 300 MeV Linac 8-74515
Sugawara, M. *see* Higashijima, K. 8-82151
Sugawara, M. *see* Sakurai, T. 8-50771
Sugawara, T. *see* Inoue, K. 8-84484
Sugawara, T. *see* Satoh, N. 8-75902
Sugawara, Y. *see* Naruse, T. 8-66936
Sugden, D.E., Watts, S.H. Tors, felsenmeer, and glaciation in northern Cumberland Peninsula, Baffin Island 8-61442
Sugeno, T. *see* Okumura, N. 8-87964
Suggs, C.W. *see* Wood, L.A. 8-92663
Sugihara, R. *see* Midzuno, Y. 8-91070
Sugi, H., Amemiya, Y., Hashizume, H. X-ray diffraction of active frog skeletal muscle before and after a slow stretch 8-80906
Sugi, M., Fukui, T., Iizima, S. Direct evaluation of the hopping rate in Langmuir multilayer assemblies 8-88045
Sugie, H. *see* Yasuda, N. 8-55941
Sugie, T., Takeuchi, H., Kasai, S., Funahashi, A., Takahashi, K., Kimura, H. Ion temperature characteristics of upgraded DIVA 8-63584
Sugie, T. *see* Kasai, S. 8-55737, 8-87492
Sugie, T. *see* Nagami, M. 8-79411, 8-86685
Sugie, T. *see* Odajima, K. 8-86684
Sugihara, T.T. *see* Devous, M.D., Sr. 8-93937
Sugihara, T.T. *see* Zolnowski, D.R. 8-70556
Sugimitsu, T. *see* Shibuya, A. 8-66285
Sugimoto, D. *see* Hachisu, I. 8-93593
Sugimoto, D. *see* Nomoto, K. 8-73712
Sugimoto, E., Kozuka, Z. Effect of CaO , Al_2O_3 , MgO and ZnO on the activity of PbO in the molten PbO - SiO_2 system 8-60663
Sugimoto, H., Ishii, N., Iwata, A., Suzumura, N., Tomita, T. On the stationarity and normality of the electroencephalographic data during sleep stages 8-92610
Sugimoto, H. *see* Bando, M. 8-62366, 8-66086
Sugimoto, K., Minamisono, T., Nojiri, Y., Masuda, Y. Experimental search for second-class currents: beta-ray angular distributions from aligned nuclei ^{12}B and ^{12}N 8-50126
Sugimoto, K., Takahashi, K., Sawada, Y. Induction and propagation periods during stress-corrosion cracking of 18-8 stainless steel in concentrated $MgCl_2$ solutions 8-85057
Sugimoto, K. *see* Matsuda, S. 8-85041
Sugimoto, K. *see* Tanaka, K. 8-50196
Sugimoto, M. *see* Hayami, M. 8-95208
Sugimoto, S. *see* Minemura, K. 8-55450
Sugimoto, T. *see* Ishihara, M. 8-52956
Sugimoto, T. *see* Komatsu, S. 8-84831
Sugimoto, T. *see* Nakano, K. 8-74569
Sugimoto, Y., Ikeda, Y. Spectral modal analysis (DYNA-M) and earthquake wave analysis (WAVE) in DEMOS-E library programs 8-92800
Sugimura, T. *see* Ikada, E. 8-92019
Sugimura, Y., Suzuki, Y., Miyake, Y. The dissolved organic iron in seawater 8-81208
Sugino, M. *see* Maeda, T. 8-81414
Suginohara, Y. *see* Kou, T. 8-83989
Suginohara, Y. *see* Okusu, H. 8-88663
Suginome, A. *see* Dobashi, Y. 8-63323
Sugio, S. *see* Okabe, T. 8-53664
Sugisaki, R. Changing He/Ar and N_2/Ar ratios of fault air may be earthquake precursors 8-88803
Sugita, T., Hasegawa, T. Wear damage of MgO single crystals 8-68825
Sugita, Y., Suzuki, R. Topics on bubble domain physics 8-52326
Sugita, Y. *see* Ikeda, T. 8-68388
Sugita, Y. *see* Shimizu, H. 8-51561
Sugita, Y. *see* Suzuki, R. 8-68319, 8-76281
Sugito, M. *see* Fujisaki, H. 8-92659
Sugiura, H. A method of Si vacuum deposition combined with Sb ion implantation 8-88428
Sugiura, T., Tanaka, A., Sukeyama, T. Low Si-contamination GaP LPE layers grown at 650°C from indium solvent 8-80480
Sugiyama, H. *see* Hasimoto, T. 8-50426
Sugiyama, H. *see* Kumatori, T. 8-53514
Sugiyama, I. Nuclear stopping power and interatomic potentials 8-74549
Sugiyama, K., Iwakoshi, S., Motojima, S., Takahashi, Y. Chemical vapor growth of titanium diboride by a modified hot wire method 8-60555
Sugiyama, K. *see* Hino, Y. 8-89863
Sugiyama, K. *see* Kaneko, Y. 8-64827
Sugiyama, K. *see* Motojima, S. 8-72710
Sugiyama, K. *see* Oe, K. 8-92203
Sugiyama, L. *see* Bertin, G. 8-54053
Sugiyama, S., Tomimasa, T. High energy photon absorption cross section for matter 8-74506
Sugiyama, S. *see* Nishimura, M. 8-87237
Sugiyama, S. *see* Tomimasa, T. 8-78515
Sugiyama, T. *see* Maihara, T. 8-81689
Sugiyama, Y. Aerodynamic characteristics of a rectangular wing with a tip clearance in a channel 8-59415
Sugyama, T. *see* Oda, N. 8-61924
Suh, P.K. *see* Stauber, M.C. 8-85821
Suh, Y.B. Surface magnetic properties of Bloch electron gas in opposing electric and magnetic fields at $T=0K$ 8-63992
Suh, Y.B. Remarks on the static spherically symmetric solutions in Einstein-Cartan theory 8-89387
Suh Soo Hyun *see* Soo Hyun Suh
Suhara, T., Nishihara, H., Koyama, J. High-efficiency relief-type waveguide hologram 8-66958
Suhara, T. *see* Nishihara, H. 8-83121
Suhl, H. *see* Lapos, R.E. 8-79895
Suhov, Y.M. Limit Gibbs state for some classes of one-dimensional systems of quantum statistical mechanics 8-93599
Suhr, H. *see* Kowalski, J. 8-82706
Suhubi, E. *see* Teymur, M. 8-49672
Suhubi, E.S. *see* Engin, H. 8-79249
Sui, D.P., Gustafson, T.K. Stimulated emission of surface plasmons by electron tunneling in metal-barrier-metal structures 8-56236
Sui Liu Fu *see* Liu Fu Sui
Suinov, S.Kh., Suinov, V.Kh. Deflector based on frustrated total internal reflection of light 8-50934
Suinov, V.Kh. *see* Suinov, S.Kh. 8-50934
Suisalu, A., Avarmaa, R. Enhancement of fluorescent magnetic resonance detection in chlorophyll under intense laser excitation 8-91995
Suit, H.D., Howes, A.E., Hunter, N. Dependence of response of a C3H mammary carcinoma to fractionated irradiation on fractionation number and intertreatment interval 8-53453
Suit, H.D., Sedlacek, R., Fagundes, L., Goitein, M., Rothman, K.J. Time distributions of recurrences of immunogenic and nonimmunogenic tumors following local irradiation 8-65090
Suiter, H.R. *see* Terry, G.H. 8-93948
Suits, J.C. *see* Davies, J.E. 8-68638
Sujkowski, Z. *see* Kerek, A. 8-50440
Sujkowski, Z. *see* Zglinski, A. 8-89845
Suk, M. *see* Borreani, G. 8-82232
Suk, M. *see* Dzhabusinova, M. 8-89762
Suk Kim Hong *see* Hong Suk Kim
Suk Tai Kang, Shimizu, R., Kosikawa, T. Measurement of depth profiles of boron atoms implanted in polycrystalline silicon by IMA 8-67734
Sukatskas, V.A. Elimination of phase error in ultrasonic velocity measurements using a fixed-path interferometer 8-83197
Sukavanam, S. *see* Srinivasan, S.K. 8-58963
Sukegawa, T. *see* Sugiura, T. 8-80480
Sukerker, A.N. *see* Turner, D.A. 8-65111
Sukhanov, L.A. *see* Gostintsev, Yu.A. 8-55637
Sukhanov, V.I., Ashcheulov, Yu.V., Petnikov, A.E. Set-up for measuring the parameters of holograms on electro-optic crystals 8-87031
Sukhanova, G.B. Mechanism of population of highly-excited states of Ag and Cu in a hollow-cathode discharge 8-63610
Sukhanova, K.A. *see* Arkhipov, G.A. 8-85104
Sukhapov, L.A. *see* Gostintsev, Yu.A. 8-96262
Sukharevskii, B.Ya., Zoz, E.I., Gavrilsh, A.M., Gul'ko, N.V. The $La_2ZrO_7-La_2HfO_7$ system 8-83806
Sukhatme, U., Van, J.T.T. The eccentricity of jet angular distributions: a technique for detecting new quark flavors 8-70383
Sukhenko, T.V. *see* Khomyak, V.A. 8-77894
Sukhikh, R.D. *see* Bogoyavlenskii, K.N. 8-51135
Sukhin, V.I. *see* Glazkov, V.M. 8-95779
Sukhinin, V.A. *see* Yakutovich, M.V. 8-56654
Sukhodreva, I.M. *see* Semiletov, S.A. 8-72039
Sukhorada, A.V. *see* Bagin, V.I. 8-57195
Sukhorol'skii, M.A. *see* Pelekh, B.L. 8-89342
Sukhoruchkin, S.I. *see* Bolotskii, V.P. 8-70538
Sukhorukov, A.P. *see* Gerasimov, B.P. 8-93635
Sukhorukov, A.P. *see* Grin', Yu.G. 8-59085
Sukhorukov, A.P. *see* Karamzin, Yu.N. 8-57789, 8-94470
Sukhorukov, B.I. *see* Petrov, A.I. 8-81086
Sukhorukov, G.I. *see* Sukhorukov, V.I. 8-93539
Sukhorukov, K.K. *see* Bogorodskii, V.V. 8-53671
Sukhorukov, R.Yu., Turov, V.D. Influence of technological scatter of magnetic properties of $SmCo_5$ sintered alloy on accuracy and stability of work flows in magnetic systems of automation devices and equipments 8-72369
Sukhorukov, S.T. *see* Lyakhovitskii, V.N. 8-63003
Sukhorukov, V.A. *see* Marchuk, G.I. 8-96220
Sukhorukov, V.I., Sukhorukov, G.I. Wave reflection from a moving barrier 8-93539
Sukhorukov, V.L. *see* Demekhin, V.F. 8-86777, 8-92145
Sukhorukov, V.V., Pokrovskii, A.D., Kifer, I.I. Nonharmonic development of the multifrequency and harmonic methods of electromagnetic nondestructive testing 8-88607
Sukhorukov, V.V., Ulitin, Yu.M., Chernov, L.A. Feasibility of determining defect parameters by eddy-current modulation defectoscopy 8-60937
Sukhorukov, V.V. *see* Rtishcheva, N.P. 8-53077
Sukhorukova, A.K. *see* Karamzin, Yu.N. 8-94470
Sukhov, A.V. Investigation of the combustion process for aluminum 8-85164
Sukhov, L.B. *see* Belovitskii, G.E. 8-62587
Sukhov, Ye.G. *see* Yeliseyev, P.G. 8-82971
Sukhovarov, V.F., Ivanova, R.P. Effect of surface condition on the initial stage of deformation 8-84929
Sukhoveev, S.P. *see* Beesarskii, Yu.G. 8-78032
Sukhovei, A.G. *see* Abramson, G.A. 8-65427
Sukhovei, V.F. *see* Pastukhov, A.F. 8-92842
Sukhoverkhova, L.G. *see* Odulov, S.G. 8-55326
Sukhovich, E.P., Dunin, I.L., Ivanov, V.V., Koren'kov, A.I. Heat exchange of radiant plate in diametrical gas flow 8-94565
Sukhovskii, A.A. *see* Lundin, A.G. 8-64285
Sukiasyan, S.S., Sarkisyan, A.Ts., Shalunts, D.A. Electrical properties of EBBA 8-72450
Sukiennicki, A. *see* Glowacki, K. 8-95439
Sukiennicki, A. *see* Kos, B. 8-64245
Sukiennicki, A. *see* Swirkowicz, R. 8-64182
Suklje, L. Stresses and strains in non-linear viscous soils 8-73363
Suknikh, A.P. *see* Elesin, V.V. 8-91816
Sukomel, A.S., Guntsev, D.F., Velichko, V.I. Heat transfer in the inlet zone of a flat duct at different turbulence levels of the inlet flow 8-83481
Sukosol, C. Fundamentals of laser—simply 8-71070
Sukstanskii, A.L. *see* Ivanov, B.A. 8-52320
Sukstanskii, A.L. *see* Lyubchanskii, I.L. 8-60478
Sukumar Basuli *see* Debabrata Sinha 8-79238
Sukupsky, S. *see* Steel, D. 8-59685
Sulaberidze, V.Sh. *see* Samsonov, B.V. 8-82477
Sulaimanov, Zh. *see* Leonov, M.Ya. 8-63802
Sulak, L. *see* Wanderer, P. 8-66073
Suleimanov, A.M. Parametric excitation on spin waves in the induced magnetoelastic crystals 8-60272
Suleimanov, M. *see* Angelov, N. 8-89920
Suleimanov, M. *see* Anoshin, A.I. 8-54805
Sulem, P.L. *see* Rose, H.A. 8-51150
Sulem, P.-L. *see* Pouquet, A. 8-75122
Sulidi-Kondrat'ev, E.D. *see* Pushcharovskii, Yu.M. 8-73346
Sulimin, A.D. *see* Savel'ev, A.A. 8-95818
Sulimov, V.B. Nonequilibrium distribution function of electrons in the forbidden gap of an irradiated amorphous semiconductor 8-75988
Suller, V.P., Thompson, D.J. Progress report on the 2 GeV synchrotron radiation source (SRS) at Daresbury 8-62666
Sullivan, D.B., Adair, R.T., Frederick, N.V. RF instrumentation based on superconducting quantum interference 8-57995
Sullivan, D.J., Trodahl, H.J. Temperature variations in p Phe 8-53960
Sullivan, E.C. *see* O'Keefe, J.O. 8-85867
Sullivan, E.J., Jr. Amplitude shading of irregular acoustic arrays 8-83178
Sullivan, J. Pade approximants via the continued fraction approach. [Teaching] 8-61972
Sullivan, J.D. *see* Coles, W.A. 8-89033
Sullivan, J.D. *see* Fishbane, P.M. 8-82223
Sullivan, J.F. *see* Durig, J.R. 8-86867
Sullivan, J.J. Recoupling coefficients of the symmetric group involving outer plethysms 8-77669
Sullivan, J.J. Recoupling coefficients of the general linear group in bases adapted to shell theories 8-77670
Sullivan, J.P. *see* Kiesel, R.A. 8-70135
Sullivan, J.P., Herbst, E. A classical trajectory study of the ion-molecule reaction between C^+ and H_2 8-53192

- Sullivan, J.W., Crocker, M.J. Analysis of concentric-tube resonators having unpartitioned cavities 8-90587
- Sullivan, M.F., Ruemmler, P.S., Beamer, J.L., Mahony, T.D., Cross, F.T. Acute toxicity of beta-emitting radionuclides that may be released in a reactor accident and ingested 8-65082
- Sullivan, M.F. *see* Cross, F.T. 8-65134
- Sullivan, M.J. *see* Kertesz, A.E. 8-61187
- Sullivan, N.B. *see* Karatzas, P.T. 8-62529
- Sullivan, N.S., Devoret, M., Cowan, B.P., Urbina, C. Evidence for quadrupolar glass phases in solid hydrogen at reduced ortho concentrations 8-84027
- Sullivan, P.A. *see* Fischer, B. 8-75948
- Sullivan, P.D. Electron spin resonance in solution 8-88165
- Sullivan, R.A.L. *see* Hopkins, J.C. 8-49623
- Sullivan, R.C. *see* Hall, H.P. 8-89501
- Sullivan, S., Thomas, E.L. A comparison of ruby second harmonic generation in RDA and other KDP isomorphs 8-50856
- Sullivan, S.A., Beauchamp, J.L. Positive and negative ion chemistry of sulfonyl halides 8-85140
- Sullivan, T.D., Powers, J.M. Piezoelectric polymer flexural disk hydrophone 8-63254
- Sullivan, W. *see* Eberhardt, W.H. 8-70861
- Sullivan, W.T., III, Brown, S., Wetherill, C. Eavesdropping: the radio signature of the Earth 8-57474
- Sultan, G. *see* Baravain, G. 8-59639
- Sultan, M., Judd, R.L. Spatial distribution of active sites and bubble flux density 8-71267
- Sultanov, A.E., Radchenko, A.I. Scatter of fatigue endurance of structural elements made of an aluminum alloy in a transitional region of the fatigue curve 8-56738
- Sultanov, E.I. *see* Nigmatullin, R.Sh. 8-61026
- Sultanov, G.G. *see* Gentchev, V.I. 8-78174
- Sultanov, G.J., Mirzababayev, R.M., Ismailzade, I.H., Hysenov, N.G. Mossbauer study of the perovskite-like layer-type ferroelectric-magnetic $\text{BiBi}_2\text{Ti}_2\text{FeO}_{15}$ 8-64329
- Sultanov, M.A. Method for reducing ablation in a supersonic plasma flow 8-71496
- Sultanov, S.F. *see* Guliev, N.A. 8-62383, 8-62384
- Sultanova, A.S. *see* Iskender-zade, Z.A. 8-54157
- Sulun, O. Determination of elastic constants by measuring ultra-sound velocity in $\text{Al}_2(\text{SO}_4)_3$ and $\text{Ce}_2(\text{SO}_4)_3$ solutions 8-63797
- Sul'zhenko, L.L. *see* Brauer, E. 8-63405
- Sul'zhenko, V.K. *see* Shurin, A.K. 8-84931
- Sun-muk Lee, Eubank, P.T., Hall, K.R. Truncation errors associated with the virial equation 8-87764
- Sumbaev, O.I. *see* Egorov, A.I. 8-58234
- Sumbaev, O.I. *see* Grushko, Yu.S. 8-71699
- Sumbatov, A.S. On searching for cyclic coordinates in conservative dynamic systems 8-65764
- Sumegi, L. *see* Rockenbauer, A. 8-62831
- Sumenkova, M.F. *see* Neiman, E.Ya. 8-61099
- Sumer, B.M., Oguz, B. Particle motions near the bottom in turbulent flow in an open channel 8-51225
- Sumerling, R., Hargreaves, R., Willey, D.H. Fuel-cladding ratchetting in SGHWR fuel pins 8-54855
- Sumi, K. *see* Yasuda, N. 8-55941
- Sumi, S., Ikeda, G., Horii, K. Measurement of lightning stroke current at Irukaike-optical fiber cable system 8-92930
- Sumi, Y. *see* Baba, K. 8-93987
- Sumi, Y. *see* Yamamoto, Y. 8-55601
- Sumichrast, L. *see* Chytil, B. 8-78911
- Sumida, I. *see* Yokomizo, O. 8-54814
- Sumie, H. *see* Oishi, Y. 8-79792
- Sumino, Y., Goto, T., Ohno, I., Nishizawa, O., Ozima, M. Temperature variation of elastic constants of single-crystal forsterite between -190° and 400°C 8-92818
- Suminov, V.M., Baranov, P.N. Automated dynamic balancing using a rotating light beam from a laser 8-71299
- Sumita, K. *see* Ida, T. 8-86291
- Sumita, K. *see* Iida, T. 8-70157
- Sumita, M., Funada, S., Miyasaka, K., Ishikawa, K. Effect of filler addition on the elastic constants of the oriented polymer in branch polyethylene filled with glass particles 8-95780
- Sumita, M., Kawano, K., Nakata, R. ESR studies of europium ions in alkali chlorides and bromides 8-80209
- Sumita, M., Uchiyama, I. Fatigue crack initiation at notch tip and propagation in the early stage in HY140 and HY180 steels 8-80647
- Sumitomo, H. *see* Hashimoto, K. 8-88631
- Sumiyama, K., Shiga, M., Kobayashi, Y., Nishi, K., Nakamura, Y. Strong ferromagnetism in Invar type Fe-Pt alloys 8-64197
- Sumiyoshi, F., Irie, F., Yoshida, K. Magnetic field dependence of AC losses in multifilamentary superconducting wires 8-60256
- Sumiyoshi, F. *see* Matsushita, T. 8-84364
- Summer, B.E. Melt-back approach to liquid-phase epitaxial growth 8-80481
- Summerer, K., Kaffrell, N., Otto, H., Peuser, P., Trautmann, N. Levels in ^{104}Ru populated by the β^- -decay of ^{104}Tc 8-82313
- Summers, C.J. *see* Nelson, D.A. 8-68620
- Summers, D. On the collisional theory of the anisotropic solar wind plasma 8-53782
- Summers, D.A. *see* Duk-Won Park 8-57343
- Summers, D.D.R. *see* Axon, K.B. 8-67376
- Summers, M., Carder, B., Myall, J., Simmons, W.W., Speck, D.R. Laser-target and laser isolation for Shiva 8-59035
- Summers, M. *see* Bliss, E. 8-59033
- Summers, M.A. *see* Godwin, R.O. 8-82989
- Summers, M.K. Programmable calculators as an aid in physics teaching 8-86083
- Summers, W.A. *see* Zahr, K.M. 8-89971
- Summers-Gill, R.G. *see* Taylor, T. 8-62479
- Summovskii, V.V., Adamenko, A.A. Radioisotope method for the combined measurement of the average value and dispersion of surface density in moving sheet material 8-76811
- Summovskii, V.V. *see* Adamenko, A.A. 8-89440
- Sumner, R.E. *see* Parks, R.E. 8-83058
- Sumorok, K.C.T.O. *see* Corden, M.J. 8-58207, 8-58209, 8-62470, 8-66164, 8-74283
- Sun, C.T., Yamada, S.E. Strength distribution of a unidirectional fiber composite 8-68735
- Sun, C.T. *see* Yamada, S.E. 8-88522
- Sun, D., Shaub, J.S. Analysis of seismic surface waves using PDP-15 interactive graphics 8-81427
- Sun, H. *see* Yeager, D.L. 8-82611
- Sun, J.N., Kramer, J.J. Domain wall drift due to nucleation during cyclic magnetisation 8-95461
- Sun, L.K., Allen, F.S. A solution to the rotational diffusion equation to describe molecular orientation due to a time dependent torque 8-68471
- Sun, L.Y., Kazmerski, L.L., Clark, A.H., Ireland, P.J., Morton, D.W. Absorption coefficient measurements for vacuum-deposited Cu-ternary thin films 8-72621
- Sun, M.J. Refractive-index dispersion of garnet films derived from accurate measurement of film thickness 8-88273
- Sun, M.J., Nichols, K.H., Chang, W.S.C., Gregory, R.O., Rosenbaum, F.J., Wolfe, G.M. Gallium arsenide electroabsorption avalanche photodiode waveguide detectors 8-65965
- Sun, M.P. *see* Crannell, C.J. 8-85779
- Sun, S.-S. *see* Kay, R.W. 8-57185
- Sun, T.S., Buchner, S.P., Byer, N.E., Chen, J.M. Oxygen uptake on an epitaxial $\text{PbSnTe}(111)$ surface 8-95227
- Sun, T.S., Byer, N.E., Chen, J.M. Oxygen uptake on epitaxial $\text{PbTe}(111)$ surfaces 8-71962
- Sun, T.S. *see* Chen, J.M. 8-72781
- Sun Chi-Chang, He Yi, Shen Jiu-Sheng, Chen Hou, Chen Ke-Liang The measurement of complete fusion cross-sections for the reactions $^{12}\text{C}+^{27}\text{Al}$, $^{12}\text{C}+^{209}\text{Bi}$ and $^{14}\text{N}+\text{Pb}$ 8-82406
- Sun Jin-gun, Tao Li-juun, Wu Sao-min Remote probing of the smoke plume's concentration by lidar 8-58006
- Sun Xi-Jun *see* Guo Jun-Sheng 8-82387
- Sun Xin, Lu Tan, Luo Liao-Fu The spectra of monopole hydrogen atom 8-90322
- Sun-Sheng Shei, Hung-Sheng Tsao Scalar quantum chromodynamics in two dimensions and the parton model 8-93856
- Sun-Sheng Yi *see* Yi Sun-Sheng
- Sunada, D.K. *see* Krishnamurthi, N. 8-81243
- Sunada, H., Otsuka, A., Kawashima, Y., Take-naka, H. Simulation of agglomeration (random coalescence model) 8-95706
- Sunada, H. *see* Kawashima, Y. 8-95707
- Sunahara, H. *see* Uwamino, Y. 8-88683
- Sunakawa, U. *see* Takahashi, M. 8-88155
- Sunami, H. Thermal oxidation of phosphorus-doped polycrystalline silicon in wet oxygen 8-92376
- Sunamori, S. *see* Ikezawa, S. 8-75322
- Sunamoto, D., Satoh, M., Funada, T., Tomimatsu, M. Specimen size effect on J-integral fracture toughness 8-68808
- Sunamoto, D. *see* Fujiwara, M. 8-52952
- Sunamura, T. Mechanisms of shore platform formation on the southeastern coast of the Izu peninsula, Japan 8-81147
- Sunandana, C.S. ESR saturation of SO_3^- in X-irradiated KHSO_4 8-80220
- Sunandana, C.S., Ramasastry, C. Phonon-assisted indirect transitions in cadmium sulfate crystals 8-72559
- Sunaric, S.M. The molecule of two ^4He atoms 8-50609
- Sundaralingam, K., Bernstein, A.D. Comment on 'Listening to the coefficient of restitution' [and reply] 8-86074
- Sundaram, K. *see* Chaubey, R.C. 8-77088
- Sundaram, M. *see* Kotrappa, P. 8-89993
- Sundberg, D.C., James, D.R. Limiting conversions in two-phase polymer reactions 8-88632
- Sundberg, K.R. An atom-dipole interaction theory of the hyperpolarizability contribution to the optical activity of molecules 8-70890
- Sundburg, W.J. *see* Thornber, K.K. 8-80059
- Sundby, B., Loring, D.H. Geochemistry of suspended particulate matter in the Saguenay Fjord 8-92852
- Sunder, D. *see* Andreev, N.E. 8-75342
- Sunder, R. *see* Wach, D. 8-94073
- Sunder, S. *see* Bernstein, H.J. 8-80364
- Sunder, S. *see* Murphy, W.F. 8-78712
- Sundermeyer, K. *see* Grassberger, P. 8-77774
- Sundgren, J.-E. *see* Nath, P. 8-84095
- Sundheim, B.R. *see* Presser, N. 8-72573
- Sundqvist, B., Backstrom, G. Thermal conductivity of gold and silver at high pressures 8-95283
- Sundqvist, B., Glantz, L., Johansson, A., Amten, L., Koersner, I. Measurements of precise low-energy nucleon-deuteron cross sections with polyethylene targets 8-82342
- Sung, B.N. *see* Shoda, K. 8-54740
- Sung, C.C. Scattering of light from Rayleigh waves 8-50993
- Sung, C.C., Eberhardt, W.D. Scattering of an electromagnetic wave from a very rough semi-infinite dielectric plane (exact treatment of the boundary conditions) 8-58884
- Sung, C.C., Eberhardt, W.D. Explanation of the experimental results of light backscattered from a very rough surface 8-63009
- Sung, C.C. *see* Holzer, J.A. 8-58885
- Sung, C.S. *see* Paik *see* Paik Sung, C.S.
- Sung, J.P., Setser, D.W. Comparisons of energy disposal by the reactions of H atoms with Cl_2 , SCl_2 , S_2Cl_2 , SOCl_2 and SO_2Cl_2 from observation of HCl infrared chemiluminescence 8-92484
- Sung, L.S. *see* Ma *see* Sung, L.S.
- Sung, M.F. *see* Ma, J.S. 8-92189
- Sung, T.Y. *see* Kulcinski, G.L. 8-58457
- Sung Dahm Oh, Macek, J., Kelsey, E. Electron excitation of hydrogenlike ions in the Coulomb Born approximation 8-58840
- Sung Dahm Oh *see* Young Soon Kim 8-82684
- Sung Wei-shun *see* Tsai Chi-kung 8-84812
- Sung-Hong Ng, B. *see* Huffman, G.D. 8-63431
- Sungurov, A.Yu. *see* Ostashevsky, I.Ya. 8-69143
- Sunier, J.W. *see* Ajzenberg-Selove, F. 8-66290
- Sunier, J.W. *see* Becchetti, F.D. 8-89896
- Sunier, J.W. *see* Betts, R.D. 8-62569
- Sunier, J.W. *see* Lovhoiden, G. 8-78390
- Sunnersjo, C.S. Varying compliance vibrations of rolling bearings 8-90582
- Sunny, M.T. *see* Thomas, S. 8-89322
- Sunta, C.M. *see* David, M. 8-64418
- Suntsov, N.V., Kushnir, M.P. The influence of sulphur on the defect structure of chromium sesquioxide 8-92504
- Sunyaev, R.A., Tinsley, B.M., Meir, D.L. Observable properties of primeval giant elliptical galaxies or ten million Orions at high redshift 8-89260
- Sunyaev, R.A. *see* Eardley, D.M. 8-77618
- Sunyar, A.W. *see* Kistner, O.C. 8-70429
- Suomi, V.E., Krauss, R.J. The spin scan camera system: Geostationary meteorological satellite workhorse for a decade 8-61600
- Supe, S.J. *see* Das, K.R. 8-53524
- Supe, S.J. *see* Rao, S.M. 8-65131
- Supe, S.J. *see* Srivastava, J.K. 8-90027
- Super, A.B. *see* Holroyd, E.W., III 8-73531
- Suponin, V.I. *see* Vuntsevich, I.L. 8-68780
- Suppan, P. Kinetic measurements of fast chemical reactions 8-56925
- Suprun, A.N. Methods of extending the class of operators of the theory of viscoelasticity 8-81841
- Suptitz, P. *see* Buroff, A. 8-87822
- Sur, A. *see* Kalos, M. 8-54326
- Sura, P. Automatic magnetic field calibration by EPR spectra recording 8-89513
- Sural, D.P. *see* Basu, D. 8-70930
- Suran, G., Krishnan, R., Sztren, J., Jouve, H., Meyer, R. Exchange dominated surface modes in amorphous ferromagnetic YCo_2 8-52359
- Suran, G. *see* Krishnan, R. 8-64237, 8-84458
- Suranyi, P. Asymptotic evaluation of cross sections by functional integration methods 8-54551
- Surazhskii, D.Ya. Uranium ore systems, experience with morphogenetic grouping 8-81158
- Surdej, A., Surdej, J. Asteroid lightcurves simulated by the rotation of a three-axes ellipsoid model 8-61781
- Surdej, A. *see* Debhogne, H. 8-69729
- Surdej, J. Numerical applications to radiative transfer in expanding envelopes: the two-level atom model 8-61849
- Surdej, J. *see* Bergwall, N.A.S. 8-77497
- Surdej, J. *see* Debhogne, H. 8-69729
- Surdej, J. *see* Surdej, A. 8-61781
- Surdin, M. Hidden variables, quantum mechanics, and stochastic electrodynamics 8-62107

- Surdin, M.** The steady state Universe revisited, with stochastic electrodynamics as a guide 8-77631
- Surdutovich, G.I.** *see* Delone, G.A. 8-66526
- Surdzhiskii, V.T.** *see* Kashukeev, N.T. 8-86566
- Surek, S.** *see* Morency, D.G. 8-79871
- Suresh Chandra, Agrawal, R.C., Pandey, R.K.** A thin film solid state battery using superionic solid NH_4AgI_2 8-76876
- Suresh Rao, H.** *see* Elango, K. 8-92874
- Surette, D.P.** *see* Ramaley, L. 8-85233
- Suri, A.K., Gupta, C.K.** Studies on the fabrication of aluminium bonded boron carbide rings 8-72748
- Suri, S.K., Mendiratta, R.G.** Mossbauer studies in β -AgI single crystals 8-68435
- Suri, S.K.** *see* Govindacharyulu, P.A. 8-87814
- Surikova, I.A.** *see* Zhidkov, V.G. 8-85591
- Surin, G.V.** *see* Mikheev, M.N. 8-73007, 8-88613
- Surin, V.A.** *see* Ginzburg, I.P. 8-83451
- Suris, R.A.** *see* Gergel', V.A. 8-80065
- Surkes, M.** *see* Donagi, A.E. 8-57077
- Surko, C.M.** *see* Auston, D.H. 8-92086
- Surkov, A.V.** *see* Zorev, N.N. 8-53046
- Surkov, G.A., Skakun, S.D.** Nonlinear heat and mass transfer in porous media 8-59479
- Surkov, G.A., Skakun, S.D.** Thermal processes between a rigid wall and a stream of hot gas 8-79194
- Surkov, V.I.** *see* Povrozin, A.I. 8-90838
- Surkow, W.W.** *see* Bartenew, G.M. 8-84991
- Surlyk, F.** Jurassic basin evolution of East Greenland 8-73344
- Surman, P.L.** *see* Brown, A.M. 8-88563
- Surmava, A.A.** Numerical simulation of frontal waves development accounting for the effect of mountain ridges 8-53701
- Surnev, L.N., Tsanov, T.V.** Coadsorption of potassium and oxygen on (111) germanium surface 8-79874
- Surnev, L.N., Tsanov, T.V.** Adsorption rate of oxygen on sodium-doped germanium (111) surface—work function and surface conductivity 8-79875
- Suroviak, Z., Brodacki, J., Zajosz, H.** Electronic system for investigation of the electrical hysteresis of ferroelectric thin films with high dielectric losses 8-89496
- Suroviak, Z., Fesenko, E.G., Dec, J.** The formation of domain structure during jump motion of a phase front in thin PbTiO_3 monocrystals 8-64339
- Suroviak, Z., Fesenko, E.G., Skulski, R.** Martensite type phase transition in thin barium titanate monocrystals 8-64326
- Suroviak, Z., Pawelczyk, M., Fiesenko, E.G., Kuprijanow, M.F.** Changes in the structure of PbTiO_3 with temperature variation 8-91437
- Suroviak, Z., Zajosz, H., Dytry, R.** A system for deposition of ferroelectric substances by radio-frequency sputtering 8-84712
- Surplice, N.A., Kandasamy, K.** The dissociation pressure of γ -phase titanium hydride at 20-70°C 8-85150
- Surplice, N.A.** *see* Gasnier, M. 8-84326
- Sursock, J.-P.** Products of topological amplitudes: an algebraic solution 8-81884
- Sursock, J.-P.** *see* Chew, G.F. 8-62322
- Sury, P.** Corrosion behaviour of borided and nitrided steels in aqueous media 8-95837
- Suryanarayana, C., Tiwari, S.K., Anantharaman, T.R.** A new metastable phase in the aluminium-magnesium system 8-52772
- Suryanarayana, M.** *see* Mallikarjun Rao, S.P. 8-95110
- Suryanarayana, M.** *see* Prasad, O.H. 8-59848, 8-75733
- Suryanarayana Murthy, B.** *see* Hanumath Sastri, J. 8-85772
- Suryanarayana Rao, K.** *see* Shanbhag, P.V. 8-86879
- Suryanarayana Rao, K.** *see* Shashidhar, M.A. 8-58714, 8-58716
- Suryanarayanan, R.** The co-evaporation technique—A potential tool for basic and applied research 8-72735
- Suryanarayanan, R.** *see* Merlin, R. 8-84581
- Susa, K., Kobayashi, T., Taniguchi, S.** On the formation of cubic boron nitride in the presence of water 8-53199
- Susa, K.** *see* Kobayashi, T. 8-52777
- Susaki, M., Miyauchi, T., Horinaka, H., Yamamoto, N.** Photoluminescence properties of CuGaSe_2 grown by iodine vapour transport 8-88349
- Susaki, W.** *see* Hirano, R. 8-82985
- Susaki, W.** *see* Ikeda, K. 8-66831
- Susaki, W.** *see* Kumabe, H. 8-74918
- Susaki, W.** *see* Oomura, E. 8-55356, 8-71111
- Sushanin, I.V.** *see* Kishko, S.M. 8-62936
- Sushchenko, A.N.** *see* Berkovskii, A.G. 8-58032
- Sushchinskii, M.M.** *see* Gorelik, V.S. 8-71152, 8-72524, 8-95586
- Sushchinskii, M.M.** *see* Moskaleva, T.V. 8-83039
- Sushchinskii, M.M.** *see* Zubov, V.A. 8-71048
- Sushchinsky, M.M., Gorelik, V.S., Maximov, O.P.** Higher-order Raman spectra of GaP 8-56483
- Sushkin, V.N.** *see* Bronin, S.Ya. 8-75365
- Sushkov, O.P., Flambaum, V.V.** Nonconservation of parity in heavy atoms due to weak electron-electron interaction 8-55132
- Sushkov, O.P., Flambaum, V.V., Khriplovich, I.B.** Nature of strongly forbidden M1 transitions and anomalies of the g-factors in heavy atoms 8-78648
- Sushkov, O.P.** *see* Flambaum, V.V. 8-78825
- Sushkov, O.P.** *see* Novikov, V.N. 8-82805
- Sushkov, P.A.** *see* Alexeev, V.L. 8-54721
- Sushkov, V.P.** *see* Vavilov, V.S. 8-72613
- Susi, H.** *see* Ard, J.S. 8-66555
- Susic, M.** *see* Bulovic, V. 8-50265, 8-54848
- Susic, M.V.** *see* Mentus, S.V. 8-55965
- Suska, J.** A Fabry-Perot etalon arrangement for precision length calibration of long slip gauges 8-77849
- Suski, G., Greenwood, J., Holloway, F., Ozarski, R., Rupert, P.** On overview of the Shiva laser computer control system 8-59034
- Suski, T.** *see* Haque, M.S. 8-75744
- Suslin, L.A.** *see* Deigen, M.F. 8-79678
- Suslina, L.G., Fedorov, D.L., Konnikov, S.G., Kodzheshpurov, F.F., Andreev, A.A., Sharlai, E.G.** Dependence of the forbidden-band width on the composition of $\text{ZnS}_x\text{Se}_{1-x}$ mixed crystals 8-56071
- Susman, S.** *see* Rowe, J.M. 8-67783
- Susse, K.E.** *see* Herrmann, J. 8-58664
- Susse, K.-E.** *see* Herrmann, J. 8-50570
- Susse, K.-E.** *see* Muhle, S. 8-50595
- Susskind, L.** *see* Fradkin, E. 8-70072
- Sussman, F.** *see* Tapia, O. 8-58609
- Sussman, H.M., MacNeillage, P.F.** Motor unit correlates of stress: preliminary observations 8-92653
- Sussman, H.M., Macneillage, P.F., Powers, R.K.** Recruitment and discharge patterns of single motor units during speech production 8-65054
- Sussman, M.V.** *see* Buivid, M.G. 8-90642
- Sussmann, H.J.** On some self-immunization mechanisms of applied mathematics: the case of catastrophe theory 8-65745
- Sussner, H., Dransfeld, K.** Importance of the metal-polymer interface for the piezoelectricity of polyvinylidene fluoride 8-76391
- Susuki, Y., Yamamoto, I.** A model describing the so-called scaling violation 8-62406
- Suszynska, M.** The nature of effective obstacles in pure and strontium-doped NaCl and KCl crystals. II. Strengthening effects related to IV-dipoles and their aggregates 8-55907
- Sutanty, W.** Asymmetric supernova explosions and the origin of binary pulsars 8-69816
- Sutar, V.K.** *see* Teli, M.T. 8-73845, 8-73846
- Sutaria, J.N., Sangwal, K., Patel, A.R.** Observations of precipitation on dislocations in MgO crystals by ultramicroscopy and chemical etching 8-67720
- Sutchkov, A.F.** *see* Baev, V.M. 8-89561
- Sutcliffe, P.R.** A note on the daily variation of the geomagnetic vertical intensity at Marion Island 8-81107
- Suter, H.** *see* Hansl, T. 8-74244, 8-89698, 8-89860
- Suter, H.** *see* Holder, M. 8-55103
- Suter, H.** *see* Merritt, F.S. 8-66104
- Suter, J.M., Rinderer, L.** Thermal conductivity of superconductors in the intermediate state: size effect in a longitudinal lamellar structure 8-52153
- Suter, M., Vane, C.R., Sellin, I.A., Elston, S.B., Alton, G.D., Thoe, R.S., Laubert, R.** Observation of oscillatory (interference?) structure in the forward peak from fast-projectile electron loss 8-78796
- Suter, M.** *see* Bonani, G. 8-64900
- Suter, M.** *see* Laubert, F. 8-84692
- Suter, M.** *see* Pegg, D.J. 8-78797
- Suter, M.** *see* Vane, C.R. 8-55222
- Suter, M.** *see* Wolfi, W. 8-58802
- Suter, R.M., Hohenemser, C.** Crossover in the dynamic exponent z for three-dimensional ferromagnets 8-84437
- Sutera, A.** *see* Falcioni, M. 8-75159
- Sutera, M.C.** *see* Fallica, P.G. 8-82324
- Sutherland, F.L.** Mesozoic-Cainozoic volcanism of Australia 8-96178
- Sutherland, F.R., Spector, H.N.** Electromagnetic response of electrons in narrow-band-gap semiconductors with an energy-dependent relaxation time 8-60142
- Sutherland, F.R., Spector, H.N.** Magnetoacoustic effects in n-InSb using the two-band model 8-60170
- Sutherland, H.H.** *see* Goodyear, J. 8-79578
- Sutherland, H.J.** Acoustical determination of the shear relaxation functions for polymethyl methacrylate and Epon 828-Z 8-76686
- Sutherland, I.** *see* Starkey, J. 8-77216
- Sutherland, J.C., Boles, T.T.** Universal computer interface for the Cary 118C spectrophotometer 8-73972
- Sutherland, P.G.** *see* Weisskopf, M.C. 8-93466
- Sutin, A.M.** Saturation-limited operation of a parametric ultrasonic radiator 8-94467
- Sutin, A.M.** *see* Ostrovsky, L.A. 8-55489
- Suto, H.** *see* Yoshida, M. 8-60044
- Suto, K.** *see* Ito, T. 8-79108
- Sutoh, H.** *see* Yamaguchi, T. 8-68890
- Sutphin, H.D.** *see* Lieber, A.J. 8-59155
- Sutradhar, S.K.** *see* Ray, K.D. 8-75086, 8-94606
- Sutter, R.** *see* Hoffmann, G.W. 8-62674
- Sutton, C.S.** *see* Koch, R.H. 8-57575
- Sutton, D.G., Melzer, J.E., Heidner, R.F., III** Catalysis and quenching of N_2 afterglows by SF_6 8-51376
- Sutton, D.G.** *see* Capelle, G.A. 8-85257
- Sutton, E.C.** *see* Betz, A.L. 8-85859
- Sutton, F.M., McNabb, A.** Boiling curves at Broadlands geothermal field, New Zealand 8-85516
- Sutton, G.R.** Acoustic propagation in a rough-walled waveguide containing a medium whose index of refraction fluctuates randomly from point to point 8-90549
- Sutton, G.W.** *see* Walker, D.A. 8-77195
- Sutton, J.** *see* Bhatia, A.B. 8-91509
- Sutton, J.F.** An electron gun for three-dimensional quadrupoles 8-54493
- Sutton, J.G.** *see* Jolly, E.L. 8-58493
- Sutton, K.** Approximate line shapes for hydrogen 8-90221
- Sutton, S.R., Zimmerman, D.W.** Thermoluminescence dating: radioactivity in quartz 8-70241
- Suttorp, L.G.** Numerical solution of the spinor Bethe-Salpeter equation and the Goldstein problem 8-86400
- Suttorp, L.G.** *see* Michels, M.A.J. 8-93551
- Sutula, R.A.** *see* Wang, F.E. 8-51708
- Sutz, A.** *see* Broniatowski, A. 8-51548
- Suvorin, V.Ya.** The susceptibility to concentrations of stresses of deformed and strain-aged St.3 and 09G2S steels containing hydrogen 8-95774
- Suvorov, A.E.** *see* Bulyshev, A.E. 8-67217, 8-67406
- Suvorov, A.E.** *see* Preobrazhenskii, N.G. 8-51051
- Suvorov, A.L.** Field-emission microscopy and emissive properties 8-88409
- Suvorov, A.M.** On the influence of stratified currents with velocity shear on the forced wave motion 8-77255
- Suvorov, A.M., Cherkosov, L.V.** Stationary surface and internal waves generated by baric disturbances in a flow with velocity shear 8-77252
- Suvorov, A.P.** *see* Ibraimov, V.Yu. 8-86697
- Suvorov, B.A.** *see* Selivanov, A.S. 8-96321
- Suvorov, L.Ya.** *see* Kurtsman, E.D. 8-80465, 8-90685
- Suvorov, M.Ya.** *see* Kirillov, P.L. 8-87384, 8-94805
- Suvorova, L.M.** *see* Soroka, V.V. 8-91703
- Suvorova, M.I.** *see* Zhidkov, V.G. 8-85591
- Suvorova, S.O.** *see* Kal'ner, V.D. 8-95810
- Suvorova, S.O.** *see* Sarraf, V.I. 8-56634
- Suwa, K.** *see* Ito, H. 8-96134
- Suwa, T., Watanabe, T., Okamoto, J., Machi, S.** Stability of poly(tetrafluoroethylene) latex prepared by radiation-induced emulsifier-free emulsion polymerization 8-80747
- Suwelack, D.** *see* Becker, J.D. 8-52462
- Suyama, Y., Kato, A.** Mechanism of action of additives on anatase-rutile transition 8-95744
- Suyama, Y., Kato, A.** The inhibitory effect of SiO_2 on the anatase-rutile transition of TiO_2 8-95746
- Suyama, Y., Mizobe, T., Kato, A.** ZrO_2 powders produced by vapor phase reaction 8-68660
- Suyazov, A.V.** *see* Mikhailova, L.K. 8-59781
- Suyehiro, K.** *see* Evans, J.R. 8-81118
- Suzaki, T.** *see* Natsume, H. 8-54841
- Suzaki, W.** *see* Hashimoto, T. 8-66917
- Suzanne, J., Coulomb, J.P., Bienfait, M., Matecki, M., Thomay, A., Croset, B., Marti, C.** Two-dimensional first-order melting transition and polymorphism in a monolayer of nitric oxide adsorbed on graphite 8-84063
- Suzdal'nitskii, I.D.** Interaction between cracks positioned at an angle 8-83871
- Suzeau, P.** *see* Mathelin, J.P. 8-70815
- Suzukawa, H.H., Jr., Wolfsberg, H.** Further empirical testing of the suitability of a non-random integration method for classical trajectory calculations 8-50607
- Suzuki, A.** Geomagnetic Sq field at successive universal times 8-61325
- Suzuki, A., Frood, D.G.** Elastic and inelastic scattering of electrons by vibrating impurities in semiconductors 8-95297
- Suzuki, A.** *see* Tran Tri Nang 8-56209
- Suzuki, E., Kubota, T., Hirasima, Y.** Preliminary experiments for a new cosmic gamma-ray telescope in the medium energy range 10-30 MeV 8-73638
- Suzuki, H.** Vacancies and dislocations in solid helium 8-91507

- Suzuki, H.**, Hayashi, K., Taniguchi, Y. The influence of domain size of binder phase on high temperature transverse-rupture strength of WC-Co cemented carbides 8-92329
- Suzuki, H.**, Hayashi, K., Yamamoto, T. The influence of anomalous phases on the strength of titanium carbide base cermets 8-92228
- Suzuki, H.**, Nakajima, T. Anomalous magnetotription in TaPO_4 at low temperature 8-84470
- Suzuki, H.**, Naruse, T., Kojima, M., Koyama, M. Flat type cable with silicone clad optical fibers 8-66930
- Suzuki, H.** see Ikegami, T. 8-80486, 8-95719
- Suzuki, H.** see Inoue, T. 8-67742
- Suzuki, H.** see Kunio, T. 8-60783
- Suzuki, H.** see Nakano, K. 8-74569
- Suzuki, I.** see Yasuda, N. 8-55941
- Suzuki, I.H.**, Maeda, K. Ionization efficiency curves of acetylene by electron impact 8-62935
- Suzuki, I.H.**, Maeda, K. Appearance potentials of atomic and molecular hydrogen ions from small hydrocarbons 8-86959
- Suzuki, J.** Discussions of vocal tract wall impedance 8-92657
- Suzuki, K.**, Kim, P.H., Namba, S. Chlorine isotope enrichment by the photochemical reaction of chlorine molecules using the Ar ion laser 8-74780
- Suzuki, K.**, Kuchitsu, K. Emission spectra of $\text{CH}(A^2\Sigma)$ from methane in an argon flowing afterglow 8-64839
- Suzuki, K.**, Nishiyama, I., Ozaki, Y., Kuchitsu, K. Light emission from chlorine atoms formed in the dissociative excitation of HCl in a flowing afterglow of discharged argon 8-90115
- Suzuki, K.**, Shibuya, T., Koizumi, T. The torsion of an infinite hollow cylinder with an external crack 8-90712
- Suzuki, K.**, Yoshioka, T., Mitsukuchi, T., Watanabe, N. Measurement of the atmospheric electricity. VI 8-92931
- Suzuki, K.** see Hibiya, T. 8-68101
- Suzuki, K.** see Ito, S. 8-63860
- Suzuki, K.** see Kasemura, T. 8-79857, 8-79860
- Suzuki, K.** see Kobayashi, A. 8-64049
- Suzuki, K.** see Kobayashi, H. 8-85248
- Suzuki, K.** see Marumo, E. 8-67188
- Suzuki, K.** see Misawa, M. 8-59943
- Suzuki, K.** see Nagaoka, K. 8-84974
- Suzuki, K.** see Tsuji, K. 8-51976
- Suzuki, M.** Instantons—how significant numerically at short distances? 8-70339
- Suzuki, M.** Existence proof of the thermodynamic limit in stochastic systems 8-73938
- Suzuki, M.** Theory of instability, nonlinear Brownian motion and formation of macroscopic order 8-89408
- Suzuki, M.**, Ikeda, H. Magnetic specific heat of $\text{Rb}_2\text{Co}_2\text{Mg}_{1-x}\text{F}_4$: effect of dilution on a two-dimensional Ising-like antiferromagnet 8-91871
- Suzuki, M.**, Kanaya, M. Holographic measurement applied to industry 8-78958
- Suzuki, M.**, Komorita, K. Tunneling spectroscopy of single-crystal $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ ($x=0, 0.2, 0.3$) 8-72070
- Suzuki, M.**, Miyashita, S. Variational study on the ground state of the spin $1/2$ XY magnet 8-72322
- Suzuki, M.**, Tanuma, S. The static skin effect in bismuth. I 8-56177
- Suzuki, M.** see Arimitsu, T. 8-94384
- Suzuki, M.** see Handa, T. 8-59356
- Suzuki, M.** see Ikeda, H. 8-56295
- Suzuki, M.** see Kanda, Y. 8-95828
- Suzuki, M.** see Kumeda, M. 8-79534
- Suzuki, M.** see Nakanishi, H. 8-63337
- Suzuki, M.** see Suzuki, Y. 8-59208
- Suzuki, M.** see Taya, S. 8-56929
- Suzuki, N.**, Koyama, M., Yamada, K. A new demountable connector developed for a trial optical transmission system 8-90504
- Suzuki, N.** see Gomay, Y. 8-59690
- Suzuki, N.** see Kobayashi, I. 8-90506
- Suzuki, N.** see Kuranishi, S. 8-67067
- Suzuki, N.** see Sonoda, H. 8-54452, 8-81950
- Suzuki, N.** see Takaoka, Y. 8-52484
- Suzuki, N.** see Yoshida, S. 8-60755
- Suzuki, N.** see Yoshimura, T. 8-79392
- Suzuki, R.**, Asano, A., Ishida, F., Sugita, Y., Takahashi, M. Comparison of dynamic conversion between low-mobility and high-mobility garnet films using high speed photography 8-68319
- Suzuki, R.**, Sugita, Y. New stable state of bubbles containing Bloch lines 8-76281
- Suzuki, R.** see Ikeda, T. 8-68388
- Suzuki, R.** see Sugita, Y. 8-52326
- Suzuki, S.** On the coronal source regions of U bursts. From observations with the three-frequency radioheliograph and the spectropolarimeter at Culgoora 8-77543
- Suzuki, S.** Radioreistance of the liposomal membrane permeability 8-80919
- Suzuki, S.** Dynamic behaviour of thin cylindrical shells subjected to transient inner pressures 8-89344
- Suzuki, S.**, Yoshida, M., Hoshikawa, M., Yoshimura, K., Yokota, H., Yamanishi, T. Transmission characteristics of graded-index fiber 8-66938
- Suzuki, S.** see Fujii, T. 8-78736
- Suzuki, S.** see Fukushima, M. 8-62409
- Suzuki, S.** see Hoshikawa, M. 8-66939
- Suzuki, S.** see Okochi, H. 8-53050
- Suzuki, S.** see Ueda, T. 8-59452
- Suzuki, S.** see Walsh, B. 8-86858
- Suzuki, S.** see Yasuda, H. 8-69660
- Suzuki, S.** see Yoshida, S. 8-80646
- Suzuki, S.-I.** Dynamic behaviour of a beam subjected to a force of time-dependent frequency 8-83289
- Suzuki, T.** A method for measuring high reflectivity 8-54444
- Suzuki, T.** Non-linear mechanical model for martensitic transformation 8-87789
- Suzuki, T.**, Namikawa, T., Satou, M. Switching velocity of $\text{Pb}_3\text{Ge}_{3-x}\text{Si}_x\text{O}_{11}$ 8-84543
- Suzuki, T.**, Takahashi, M. A study of wall structure for bubble and plate domains in HCP cobalt single crystal foils by 1 MeV high voltage Lorentz electric microscopy 8-84463
- Suzuki, T.**, Tsubono, K., Hirakawa, H. Quality factor of vibration of aluminium alloy disks. [Gravitational radiation antenna] 8-75093
- Suzuki, T.** see Furuse, T. 8-87049
- Suzuki, T.** see Hane, K. 8-56216
- Suzuki, T.** see Hattori, T. 8-88550
- Suzuki, T.** see Hirotsu, S. 8-59849
- Suzuki, T.** see Inomata, H. 8-80847
- Suzuki, T.** see Iwao, N. 8-53020
- Suzuki, T.** see Leschke, H. 8-73921
- Suzuki, T.** see Minamitani, H. 8-85307
- Suzuki, T.** see Morikawa, H. 8-79904
- Suzuki, T.** see Nakajima, T. 8-92658
- Suzuki, T.** see Natsume, H. 8-54841
- Suzuki, T.** see Sawada, S. 8-75823
- Suzuki, T.** see Takahashi, M. 8-88437
- Suzuki, T.** see Tokumitsu, J. 8-87019
- Suzuki, T.** see Tsunoyama, K. 8-84691
- Suzuki, T.** see Yamaguchi, Y. 8-87906
- Suzuki, T.** see Yamamura, M. 8-93602
- Suzuki, Y.**, Aoki, Y., Suzuki, M. Applicability conditions of numerical image reconstruction from holograms 8-59208
- Suzuki, Y.**, Ogata, A., Ninomiya, H., Nakagawa, S., Tszuki, N., Yamagishi, T. Control system of plasma position and cross-sectional shape in large Tokamak device 8-50366
- Suzuki, Y.**, Sagawa, M., Okada, M., Henmi, Z. Magnetic properties of Co-Fe-Nb-Mo semi-hard magnetic alloys 8-95469
- Suzuki, Y.** see Kakui, Y. 8-92994
- Suzuki, Y.** see Kameari, A. 8-66373
- Suzuki, Y.** see Kinoshita, S. 8-92860
- Suzuki, Y.** see Nakamura, R. 8-53534
- Suzuki, Y.** see Sato, T. 8-77373
- Suzuki, Y.** see Sugimura, Y. 8-81208
- Suzuki, Y.** see Takahashi, T. 8-66374
- Suzuki, Y.** see Takeda, K. 8-88862
- Suzuki, Y.** see Toshioka, K. 8-93885
- Suzuki, Y.** see Ueda, T. 8-80981
- Suzuki, Y.** see Yokota, H. 8-93983
- Suzumura, N.** see Sugimoto, H. 8-92610
- Suzumura, Y.**, Fukuyama, H. Effect of inter-chain electron transfer on the phase transition of quasi-one-dimensional electron systems 8-51911
- Suzuoki, Y.**, Yasuda, K., Mizutani, T., Ieda, M. Field dependence of thermally stimulated currents from high-density polyethylene 8-76090
- Svalbe, I.D.** see Roos, P.G. 8-62535
- Svalestad, S.** see Storetvedt, K.M. 8-85478
- Svalgaard, L.** see Mayaud, P.N. 8-89008
- Svalgaard, L.** see Schatten, K.H. 8-81597
- Svanberg, S.** Measurement and calculation of excited alkali hyperfine and Stark parameters 8-86814
- Svandelik, J.** see Oravec, J. 8-55094
- Svanholt, H.** see Bak, B. 8-58671
- Svantner, M.** see Bohun, A. 8-68534
- Svare, I.** see Birkeland, A. 8-84494
- Svechkarev, I.V.** see Panfilov, A.S. 8-91581
- Svechkin, V.P.** see Palatnik, L.S. 8-75950
- Svechnikov, S.V.** see Zyuganov, A.N. 8-56246
- Svejcar, J.** see Dorazil, E. 8-64537
- Svejda, P.** see Maki, A.H. 8-86901
- Svelto, F.** see Fiorito, G. 8-86330
- Svenaga, M.** see Bussiere, J.F. 8-64159
- Svendsen, I.A.**, Hansen, J.B. Solution of a generalized KdV-equation for periodic water waves on a beach 8-92844
- Svendsen, I.B.A.**, Hansen, J.B. On the deformation of periodic long waves over a gently sloping bottom 8-90921
- Svensson, E.C.**, Harvey, M., Buyers, W.J.L., Holden, T.M. Excitations of isolated clusters of magnetic ions 8-68200
- Svensson, E.C.** see Dolling, G. 8-59900
- Svensson, E.C.** see Woods, A.D.B. 8-95197
- Svensson, E.C.** see Brahmé, A. 8-73256
- Sverchinskaya, R.B.** see Zakharova, L.M. 8-89309
- Sverchkov, E.I.** see Alekseev, E.I. 8-49892
- Sverdlov, L.M.** see Sokolov, M.N. 8-50534
- Sverdlova, A.M.** see Samokhvalov, M.K. 8-60207
- Sveshnikov, A.A.** see Zayats, O.I. 8-51053
- Svet, V.D.** Application of wideband signals in acoustic holography 8-83182
- Svetashev, S.S.** see Anisimov, S.D. 8-53104
- Svetashkova, N.T.** see Kostylev, K.V. 8-61816
- Svetashov, A.A.** see Kolomitsev, A.I. 8-95057
- Svetlicic, V.**, Konrad, Z. The mechanism of zinc ion transport in cation-exchange membranes 8-96033
- Svetlov, I.L.**, Pipogov, E.N., Khushnetdinov, F.M., Nazarova, M.P., Vasilenok, L.B., Zarubin, V.A. Influence of thermal cycling on mechanical properties and structure of the directionally-solidified eutectic $\text{Co}(\text{Cr}, \text{Ni})\text{-TaC}$ 8-92282
- Svetov, B.S.**, Kurginyan, S.Ye., Pristavakina, Ye.I. Application of the multiple-reflection method to the solution of the inverse problem of magnetotelluric sounding 8-61581
- Sviatoslavsky, I.N.** see Abdel-Khalik, S.I. 8-58425
- Sviatoslavsky, I.N.** see Michaelson, P.F. 8-54931
- Sviatoslavsky, I.N.** see Sze, D.K. 8-62652
- Svidunovich, N.A.**, Garost, A.I., Gribkova, V.P. Mathematic model of treatment of metal melt with high-temperature stream of gas 8-53016
- Sviklis, B.B.** see Markevits, L.E. 8-80794
- Svin'in, I.R.** see Budnik, A.P. 8-78306
- Svirgun, S.P.** see Kruchinin, V.G. 8-80819
- Sviridov, A.N.** see Vol'ter, N.A. 8-71119
- Sviridov, K.N.** see Bakut, P.A. 8-71047
- Sviridov, S.I.**, Roskova, G.P., Moiseev, V.V., Zhabrev, V.A. Diffusion of sodium ions in sodium silicate glasses containing tin oxide and titanium dioxides 8-87819
- Sviridov, V.G.** see Genin, L.G. 8-75220
- Sviridov, Vj.B.** see Vinogradov, N.V. 8-53124
- Sviridov, Yu.B.** Fields radiated into a liquid by the normal modes of a plate driven by a pulsed ultrasonic beam 8-50995
- Sviridov, Yu.B.** see Vinogradov, N.V. 8-53157
- Sviridov, Yu.M.** see Asratyan, A.E. 8-62389
- Sviridyonok, A.I.** see Belyi, V.A. 8-56781
- Svirin, M.I.**, Kazanskii, S.A., Matushevich, E.S., Prokhorov, S.S. Neutron energy distributions in the reaction $\text{Ta}(p, xn)$ at the proton energy of 23 MeV 8-86537
- Svirina, E.P.**, Portugal, O.E., Kameeva, S.S., Lukina, M.M., Rozantseva, E.G. Transport phenomena in manganites and some ferrites near the Curie temperature 8-88100
- Sviryakina, D.I.** see Gorbunov, V.I. 8-53125, 8-76806
- Sviryakina, D.I.** see Petushenko, V.F. 8-85105
- Sviser, D.P.**, Valarelli, J.V. Partitioning of Fe^{2+}/Mg between olivines and orthopyroxenes coexisting in diamonds 8-65284
- Svishchev, V.S.** see Artemenkov, L.I. 8-91160
- Svistunov, V.M.**, Belogolovskii, M.A. Tunneling effect and Lifshitz transitions 8-91591
- Svistunov, V.M.**, Belogolovskii, M.A., Tarenkov, V.Yu., Stupakov, V.V., Nemchenko, E.D. Peculiarities of the resistive state of thin aluminium films 8-52154
- Svistunov, V.M.**, D'yachenko, A.I., Belogolovskii, M.A. Elastic tunneling spectroscopy of single-particle excitations in metals 8-56260
- Svistunov, V.M.**, D'yachenko, A.I., Belogolovskii, M.A. Calculation of the critical temperature of a superconductor using the results of tunnel experiments 8-60241
- Svistunova, K.I.** see Bragina, T.M. 8-72600
- Svistunova, K.I.** see Goncharov, L.G. 8-60064
- Svitashev, K.K.**, Semenenko, A.I., Semenenko, L.V., Shvarts, N.L. Ellipsometric measurements on rough germanium and silicon surfaces 8-56449
- Svitashev, K.K.**, Semenenko, L.V., Sharshunov, A.G., Feoktistov, A.I. Investigation of silicon epitaxial films using an infrared laser ellipsometer 8-62219
- Svitashev, K.K.** see Algazin, Yu.B. 8-49885
- Svitashev, K.K.** see Mardezhov, A.S. 8-93753
- Svitashev, K.K.** see Semenenko, A.I. 8-51862
- Svizidenkov, E.A.** see Baev, V.M. 8-89561
- Svoboda, J.** Dynamic polarization and relaxation of nuclei in assorted fluoroorganics 8-91989
- Svoboda, J.**, Hencel, F. Superconducting magnets and magnetic separation of minerals 8-88923
- Svoboda, P.** Internal oxidation of impurities in gold 8-83842
- Svoboda, R.** see Perrinjaquet, M. 8-74461
- Svoboda, V.H.J.** Further experience with radiotherapy by multiple daily sessions 8-53475
- Svoboda, J.** Dynamic polarization and relaxation of protons in $\text{Cr}(\text{V})$ complexes in dimethylformamide 8-91988
- Swain, J.E.** see Simmons, W.W. 8-59032
- Swain, J.E.** see Storm, E.K. 8-58312

- Swain, L.A., Pinder, G.F. A Galerkin-finite element simulation of the effects of artificial recharge on flow and chemical quality in an alluvial aquifer 8-81263
- Swain, M.V. Dislocation generation beneath static and rolling contact with a sphere 8-87671
- Swain, M.V., Hagan, J.T. Some observations of overlapping interacting cracks 8-55593
- Swain, M.V. *see* Hagan, J.T. 8-71295, 8-92327
- Swain, P.H. In perspective—meeting the image processing challenge for remote sensing 8-96328
- Swain, S. *see* McClean, W.A. 8-50505, 8-58631, 8-86835
- Swalen, J.D. *see* Brillante, A. 8-80372
- Swalen, J.D. *see* Pockrandt, I. 8-64424
- Swamidasa, A.S.J., Kunukasseril, V.X. Vibration of circular double-plate systems 8-79162
- Swaminathan, S. *see* Mezei, M. 8-83975
- Swaminathan, V., Rajagopalan, G. On an extension of Huff's method for the thermodynamic evaluation of propellants 8-75054
- Swaminathan, V.P. *see* Plumtree, A. 8-64696
- Swamy, G.N. *see* Bhaskara Rao, V. 8-85476
- Swamy, G.N. *see* Murty, A.V.S. 8-85520
- Swamy, K.M. *see* Narayana, K.L. 8-55912
- Swamy, N.V., Gowda, B.H.L., Lakshminath, V.R. Turbulence measurements in the three-dimensional boundary layer on a yawed flat plate at incidence 8-51160
- Swamy, N.V.C., Aswatha Narayana, P.A. Wall shear stress prediction in three-dimensional turbulent boundary layers 8-67184
- Swamy, N.V. Chandrasekhara *see* Chandrasekhara Swamy, N.V.
- Swamy, S.T.P.V.J., Murty, D.S.R. Incoherent scattering cross-sections due to L-shell electrons 8-62768
- Swamy Rao, K.N. *see* Parasnis, A.S. 8-87793
- Swan, H.J.C. *see* Decoodt, P.R. 8-80940
- Swan, T. *see* Norfolk, D.J. 8-95940
- Swandic, J.R. Time-dependent transport by some order-of-scattering methods 8-77814
- Swandic, J.R. On the description of a scattering medium by the number of particles scattered 8-93623
- Swanenburg, B.N., Bennett, K., Bignami, G.F., Caraveo, P., Hermesen, W., Kanbach, G., Masnou, J.L., Mayer-Hasselwander, H.A., Paul, J.A., Sacco, B., Scarsi, L., Wills, R.D. COS B observation of high-energy γ radiation from 3C273 8-93454
- Swank, D.E.D. *see* Willett, R.D. 8-68180
- Swank, J.H. *see* Pravdo, S.H. 8-93458
- Swannack, C.E. *see* Smith, A.C., Jr. 8-49940
- Swansen, J.E. *see* Ensslin, N. 8-82444
- Swanson, B.I. Displacive phase transformations in K_2SnBr_6 8-63832
- Swanson, B.I., Arnold, T.H., Dewar, M.J.S., Rafalko, J.J., Rzepa, H.S., Yamaguchi, Y. Molecular orbital constraint of interaction coordinates. An approximate quadratic potential function 8-74631
- Swanson, B.I., Machell, C., Beall, G.W., Milligan, W.O. Vibrational spectra and assignments for the lanthanide trihydrides 8-76455
- Swanson, B.I. *see* Ryan, R.R. 8-51491
- Swanson, C. *see* Moon, F.C. 8-63344
- Swanson, D.G. Cyclotron harmonic absorption via the Green's function for the mode conversion-tunneling equation 8-75296
- Swanson, D.P. *see* Beierwaltes, W.H. 8-65118, 8-85370
- Swanson, E., Teller, D.C., de Haen, C. The low Reynolds number translational friction of ellipsoids, cylinders, dumbbells, and hollow spherical caps. Numerical testing of the validity of the modified Oseen tensor in computing the friction of objects modeled as beads on a shell 8-71311
- Swanson, F.R. *see* D'Agostino, M.D. 8-85238
- Swanson, H.E. *see* Snover, K.A. 8-70443
- Swanson, J.W. Oxygen transport during fatigue crack growth 8-52981
- Swanson, L.W. *see* Orloff, J. 8-76589
- Swanson, M.L. *see* Matsunami, N. 8-79631
- Swanson, M.L. *see* Schulson, E.M. 8-75659
- Swanson, W.P. Calculation of neutron yields released by electrons incident on selected materials 8-95622
- Swantner, W., Hayslett, C.R. Multi-wavelength interferometric testing 8-59169
- Swarbrick, S.J. *see* Bloore, F.J. 8-49756
- Swarin, S.J., Curran, D.J. Dilatometry with pressure-transducing instrumentation: Determination of the apparent molar volume of NaOH in water at 299.3K 8-75702
- Swart, J.J. *see* de Swart, J.J.
- Swart, J.J. *see* de Swart, J.J.
- Swartz, H.M. Applications of magnetic resonance in cancer—a critical summary 8-69173
- Swartz, H.M. *see* Antholine, W.E. 8-81090
- Swartz, R.G. *see* Plummer, J.D. 8-87223
- Swartz, W.E. Analytic partial derivatives for least-squares fitting incoherent scatter data 8-73581
- Swartz, W.E. *see* Sobral, J.H.A. 8-88980
- Swartz, W.E., Jr. *see* Lofton, C.P. 8-51735, 8-91573
- Swartzlander, E.E., Jr., Gilbert, B.K. High-speed computerized tomography 8-80956
- Swarup, G. Extragalactic radio sources and cosmology 8-69920
- Swarup, S. Heat transfer from a porous sphere in low Reynolds number flow 8-59482
- Swearingen, J.C., Rohde, R.W. Constitutive modeling of elevated temperature stress relaxation in austenitic stainless steels 8-92293
- Swearingen, P., Davis, S., Niemczyk, T. A measurement of the rate coefficient for the $Ge+N_2O$ reaction 8-63110
- Swearingen, P.M., Davis, S.J., Niemczyk, T.M. Reaction rate studies of atomic germanium ($^3P_{2,1}$) and silicon (3P_1) with various oxidizers 8-53186
- Sweatt, W.C. Designing and constructing thick holographic optical elements 8-55315
- Sweatt, W.C. New methods of designing holographic optical elements 8-58955
- Swedlow, J.L., Karabin, M.E., Jr. A case of elasto-plastic flow using a new special element 8-56720
- Swedlow, J.L., Karabin, M.E., Jr., Maddux, G. En Crack-tip stress analysis from field values of the displacements using complementary energy 8-67114
- Sweedler, A.R., Cox, D.E., Moehlecke, S. Neutron irradiation of superconducting compounds 8-52121
- Sweedler, A.R. *see* Caton, R. 8-84339
- Sweeney, D.W. *see* Attwood, D.T. 8-51325
- Sweeney, D.W. *see* Vest, C.M. 8-53164
- Sweeney, G.S.S., Stewart, P. Magneto-parametric instabilities in the Crab Nebula. II 8-61727
- Sweeney, J.F. Gravity study of great impact [Manicouagan crater] 8-81170
- Sweeney, L.H., Heinsheimer, T.F., Yates, F.F., Maran, S.P., Lesh, J.R., Nagy, T.A. High-precision infrared sky survey at wavelength 2.7 μm 8-81560
- Sweeny, J.G. *see* Dickinson, R. 8-94238
- Sweet, R.G. *see* Stovel, R.T. 8-77161
- Sweetman, D.R. *see* Start, D.F.H. 8-59620
- Sweetman, E. *see* Neuman, D. 8-57777
- Sweger, D.M., Freund, S.M., Travis, J.C. Highly selective, quantitative measurement of atmospheric pollutants using carbon monoxide and carbon dioxide lasers 8-69526
- Swegle, J.W. A suggested technique for determining in-material longitudinal and shear particle velocity histories in a single-inclined-plate impact experiment 8-79289
- Swei-Ling Lu *see* Lu Swei-Ling
- Swiegar, A.V., Gross, P.G. Evolutionary sequences for red giant stars 8-65611
- Swiegar, J.R. *see* Gustafson, S.A. 8-65412
- Swendsen, R.H. Correlation functions in XY models and step free energies in roughening models 8-67675
- Swendsen, R.H. Monte Carlo study of the Coulomb gas and the Villain XY model in the discrete Gaussian roughening representation 8-86225
- Swenson, C.A. *see* Anderson, M.S. 8-81970
- Swenson, G.W., Jr. An amateur radio telescope. I 8-81541
- Swenson, G.W., Jr. An amateur radio telescope. II 8-85849
- Swenson, G.W., Jr. An amateur radio telescope. III 8-96399
- Swenson, G.W., Jr. *see* Webber, J.C. 8-89268
- Swenson, L.W. *see* Zeidman, B. 8-58308, 8-58309
- Swenson, L.W., Jr. *see* Hayes, W.C. 8-69127
- Swenson, R.D., Even, U., Thompson, J.C. Electrodeless measurements of Hall mobility at the metal-non-metal transition in metal-ammonia solutions 8-56194
- Swerup, C. On the choice of noise for the analysis of the peripheral auditory system 8-80888
- Swetland, P.J. *see* Clayton, J.L. 8-57206
- Swets, D.E. *see* Roessler, D.M. 8-52546
- Swiatecki, W.J. *see* Blocki, J. 8-86501
- Swiatek, P., Witowski, A.M., Grynberg, M. Experimental and theoretical study of the dynamic dielectric function in p-HgTe 8-92069
- Swider, G. *see* Moriyasu, K. 8-66165
- Swider, G.M. *see* Burnett, T.H. 8-89853, 8-89854
- Swider, W., Keneshea, T.J., Foley, C.I. An SPE-disturbed D-region model 8-93038
- Swieca, J.A. *see* Rothe, K.D. 8-70255
- Swierczynski, R. *see* Galkowski, A. 8-50296
- Swietochowski, J. The criterion allowing to make a right choice of an auxiliary lamp in a spherical integrating photometer 8-70175
- Swietoslowski, J. *see* Pakula, T. 8-75569
- Swift, C.D. *see* Simmons, W.W. 8-59032
- Swift, C.D. *see* Storm, E.K. 8-74471
- Swift, G.M., Southworth, F.H. Bundle divertor designs for the ILB advanced fuel Tokamaks 8-62618
- Swift, L. *see* Wilkerson, L.S. 8-96111
- Swift, R.N., Goodman, L.R. Using an environmental subtraction technique to enhance airborne laser bathymetry 8-57372
- Swift, T. Fracture analysis of adhesively bonded cracked panels 8-90792
- Swift-Hook, D.T. *see* Tozer, B.A. 8-88909
- Swindeman, R.W. *see* Sikka, V.K. 8-60730
- Swindlehurst, W.E., Cantor, B. Mechanical properties of glass surfaces coated with tin oxide 8-80657
- Swinehart, C.F. *see* Nestor, O.H. 8-59067
- Swinerd, G.G. On the energy of a cosmological field of gravitational radiation 8-57837
- Swingler, D.L. The secondary-electron yield from beryllium-copper 8-74094
- Swingler, D.L. A high-gain compact electron multiplier 8-74095
- Swings, J.P. *see* Barbier, R. 8-65602
- Swings, J.P. *see* Klutz, M. 8-61871
- Swings, J.P. *see* Savage, B.D. 8-93250
- Swings, P. The pioneering investigations in the field of the interstellar molecules, 1935-1942 8-69855
- Swink, R.M. An applied analytical approach to the coupling of RF energy into a cylindrical enclosure 8-87000
- Swinerton, J.W. *see* Wilkniss, P.E. 8-85642
- Swinney, H.L., Gollub, J.P. The transition to turbulence 8-83362
- Swirkowicz, R., Sukiennicki, A. Spin waves in itinerant electron ferromagnets with domain structure 8-64182
- Swisterski, W. *see* Liszka, T. 8-79203
- Switendick, A.C. Electronic states in the vanadium-ruthenium system 8-95255
- Swithenby, S.J. *see* Saunders, J. 8-56015
- Switkowski, Z.E., Heggie, J.C.P., Mann, F.M. Threshold effects in proton-induced reactions on copper 8-89856
- Switkowski, Z.E. *see* Haff, P.K. 8-53855
- Swofford, R.L., Morrell, J.A. Analysis of the repetitively pulsed dual-beam thermo-optical absorption spectrometer 8-77999
- Swope, W.C. *see* Dykstra, C.E. 8-66532
- Swords, M.D., Caplin, M., Phillips, D. Inexpensive apparatus for the measurement of the temperature dependence of gas phase fluorescence spectra 8-66692
- Swords, M.D. *see* Sloman, A.W. 8-58063
- Szulius, T.M. *see* Perry, E.C., Jr. 8-81155
- Swyd, D.A., LaRock, J.G. Inverse-fourth apparatus for photometric calibrations 8-82021
- Swyd, D.A. *see* Mardix, S. 8-49945
- Schnitzer, R., Odom, R.W., Anbar, M. Collision-induced formation of positive and negative ions from diatomic and triatomic negative hydrogen ions 8-50612
- Sy, W.N.-C. Spectrum of axisymmetric torsional Alfvén waves [in plasma waveguide] 8-59587
- Sy, W.N.-C. Analytic models of high- β reversed field pinches 8-59642
- Syal, S.K., Yoganarasimhan, S.R. Electrical transport during structural transformations of alkali perchlorates 8-59971
- Syal, V.K., Gautam, P. The space group and lattice constants of i) Bis (N- β -naphthyl-salicylaldimino) Co (II); ii) Bis (N-p-tolyl-salicylaldimino) Co (II) by X-ray diffraction studies 8-51496
- Syassen, K., Holzapfel, W.B. High-pressure-low-temperature X-ray power diffractometer 8-82089
- Syassen, K., Holzapfel, W.B. Isothermal compression of Al and Ag to 120 kbar 8-83876
- Syassen, K., Philpott, M.R. Reflection spectra of natural faces of crystalline anthracene 8-72543
- Syassen, K., Philpott, M.R. Reflection spectra of the first singlet transition of crystalline phenanthrene 8-88323
- Sybeva, M.L. *see* Bunkin, A.F. 8-74945
- Sychev, V.V. *see* Tkachenko, Yu.G. 8-60844
- Sycheva, T.A. *see* Ershov, A.A. 8-56658
- Sychikov, V.I. *see* Fisenko, V.V. 8-55684
- Sychugov, V.A. *see* Prokhorov, A.M. 8-79106
- Sydor, M. *see* Oman, G.J. 8-96243
- Sydora, L.J., Jones, F.W., Lambert, R.St.J. The thermal regime of the descending lithosphere: the effect of varying angle and rate of subduction 8-77206
- Sydzhimov, B. *see* Neov, S. 8-83743
- Syed, A.A., Bennett, S.C. Comparison of measured broadband noise attenuation spectra from circular flow ducts and from lined engine intakes with predictions 8-63237
- Syed, A.M.N., Feder, B.H., George, F.W., III, Neblett, D. Iridium-192 afterloaded implant in the retreatment of head and neck cancers 8-96083
- Syed Ali Sarwar *see* Sarwar Syed Ali
- Sykes, J.M., Rothwell, G.P. The passivity of electrodeposited iron-nickel-chromium alloys 8-80655
- Sykes, R.I. Stratification effects in boundary layer flow over hills 8-53707
- Sykes, R.I. *see* Mason, P.J. 8-73486, 8-92904

- Sylvain, M., Berthelie, J.J., Lavergnat, J., Vassal, J. F-lacuna events in Terre-Adelie and their relationship with the state of the ionosphere 8-93036
- Sylvester, G.S. see Van Beijeren, H. 8-60260
- Sylvester, J.G., Ambrosio, A., Blackstead, H.A., Miller, A.E. Magnetoelastic excitations in Y-Fe₂ films 8-68307
- Sylvester, J.G., Hart, S.C., Blackstead, H.A. Excitation of gigahertz magnetoelastic waves in terbium films: Field dependence 8-52334
- Sylvester, J.G. see Hart, S.C. 8-72378
- Sylvestre, Y. see Pettigrew, M.J. 8-66333
- Sylvestre, J.A. see Aglizki, E.V. 8-53912
- Sym, A. Formal series solutions and rational solutions to soliton equations 8-57747
- Symalistic, E. see Tanielian, M. 8-88048
- Symes, C.R., Fink, L.E. Effects of external turbulence upon the flow past cylinders 8-94665
- Symko, O.G. see Babcock, J. 8-68396
- Symko, O.G. see Moberly, L.A. 8-68157
- Symmes, W.D. A program for the Hewlett Packard HP 97 to assist sound system designers 8-75015
- Symons, D.T.A. Paleomagnetism of the 1180 Ma Grenvillian Umfraville gabbro, Ontario 8-92777
- Symons, M.C.R. Application of ESR spectroscopy to the study of solvation 8-73038
- Symons, R.S., Jory, H.R. Small-signal theory of gyrotrons and gyrokytrons 8-70633
- Symons, R.S. see Jory, H.R. 8-62611
- Symons, T.J.M. see Balamuth, D.P. 8-50132
- Symons, T.J.M. see Doli, P. 8-70558
- Symons, T.J.M. see Watt, F. 8-55076
- Synakh, V.S. see Mastryukov, A.F. 8-83042
- Synder, A.W. see McIntyre, P. 8-63004
- Synek, R. Wahl see Wahl Synek, R.
- Synorov, V.F., Bezryadin, N.N., Rovinskii, A.P., Sysoev, B.I. Energy spectrum of traps in CdGa₂Se₄ single crystals 8-64057
- Synorov, V.F., Likholet, A.N., Sysoev, B.I. The potential distribution and capacitance of structures with semiconductor layers of the critical thickness 8-95381
- Synorov, V.F. see Shul'gin, V.A. 8-76138
- Synorov, V.F. see Sysoev, B.I. 8-95384
- Syoji, Y. see Yoshimura, T. 8-79392
- Syracuse, D.C., Gaudini, V.A., Larrieu, A.J., Watson, D.C., Thomas, G.M., Vita, A.J., Boretos, J.M. A new design for an emergency transthoracic intramyocardial pacing wire 8-69254
- Syrakov, E.D. Analytical expressions for basic Lagrange characteristics of turbulence and diffusion in stratified surface layer 8-81270
- Syrba, N.N. see Radautsan, S.I. 8-84300
- Syrbu, A.V. see Alferov, Zh.I. 8-56523
- Syrbu, N.N. see Radautsan, S.I. 8-64105
- Syrkin, E.S. see Gelf'gat, I.M. 8-51758, 8-84041
- Syrkin, L.N. see Belyaev, L.M. 8-52445
- Syrkin, L.N. see Kuleshov, V.V. 8-56430
- Syromyatnikov, N.I. see Zhilkin, B.P. 8-83220, 8-83447
- Syros, C. The linear Boltzmann equation properties and solutions 8-93628
- Syros, C., Theocarpoulos, P. Structural polynomial solution of the transport equation for critical and non-critical slabs with anisotropic scattering 8-70582
- Syrovat-skii, E.F., Shvartsman, V.L., Pavlov, A.I., Gaiduchenko, A.K. Thermodynamic analysis of the reduction annealing of iron powder. I 8-60597
- Syrovatko, M. see Koci, M. 8-77138
- Syrovatskii, S.I. Freezing-in condition for a magnetic field and current sheets in plasma 8-75277
- Syrovatskii, S.I. On the time evolution of force-free fields 8-85843
- Syrovatskii, S.I. 'Reconnection' of magnetic lines of force in a plasma 8-91083
- Syrovatskii, S.I. see Bulanov, S.V. 8-91106
- Syrovatskii, S.I. see Kuznetsov, V.L. 8-85929
- Syrovatskii, S.I. see Molodenskii, M.M. 8-96465
- Syrovatskii, S.I. see Somov, B.V. 8-57524
- Syrovoi, V.A. see Danilov, V.N. 8-71023
- Syrovoy, V.A. see Danilov, V.N. 8-93785
- Syshchikova, M.P. see Krasovskaya, I.V. 8-67216
- Sysoev, A.A. see Ivanov, V.N. 8-86377
- Sysoev, B.I., Likholet, A.N., Synorov, V.F., Rovinskii, A.P. Control of the charge in a metal-insulator-semiconductor structure 8-95384
- Sysoev, B.I. see Synorov, V.F. 8-64057, 8-95381
- Sysoev, Yu.V. Recorder for radioastronomy and antenna measurement techniques 8-65501
- Sysoeva, L.M. see Zhukova, T.B. 8-88264
- Sysun, V.I. Ion current at a probe during intermediate pressures and the region of disturbance of plasma by a probe 8-91151
- Sytnikov, V.F. Sea water electric conductivity meters with an automatic correction of characteristics 8-65426
- Syunry, T.S. Ceramic-metal seals 8-81992
- Syunry, T.S. A laboratory method for drawing short length tubes from thin metal sheets 8-86248
- Syunyaev, R.A. Nonstationary accretion of stellar wind 8-69825
- Syunyaev, R.A. see Bochkarev, N.G. 8-65729
- Syunyaev, R.A. see Pozdnyakov, L.A. 8-96389
- Syusyukin, A.I. Extent of inductive interaction between a layer of conducting fluid and external main windings 8-75225
- Syut'ev, A.N. see Vainerman, A.E. 8-56821
- Syutkin, V.M., Chereiskii, Z.Yu., Perepelkin, K.E., Danilov, S.N. Strength characteristics of nitrates of hydroxylated polymers 8-68748
- Syutkina, V.I., Abdulov, R.Z. Influence of elastic stresses produced as a result of variation in lattice parameters on mechanical properties of an ordered alloy 8-92298
- Syuzev, V.N. see Tsykanov, V.A. 8-86582
- Syverud, A.N. see Chase, M.W., Jr. 8-93637
- Syzranov, V.S. see Itskevich, E.S. 8-77915, 8-81979
- Szabados, L. Thermohydraulic processes in water-cooled power reactors. III. Models and experimental instrumentation 8-82433
- Szabados, L. Critical heat fluxes in pressurized water reactors 8-86580
- Szabados, L., Besceda, T., Csom, V., Maroti, L., Windberg, P. Thermohydraulic processes in water-cooled power reactors. I. General experimental layout 8-82431
- Szabados, L., Besceda, T., Csom, V., Maroti, L., Windberg, P. Thermohydraulic processes in water-cooled power reactors. II. Data collection system 8-82432
- Szablewski, W. Law of similarity of the energy spectra in the inertial region $k \gg k_0$ for homogeneous isotropic turbulence 8-55635
- Szablewski, W. On the spectrum of turbulent fluctuations of temperature and concentration in turbulent flows 8-59372
- Szabo, A. Repetitive self-Q-switching in a continuously pumped ruby laser 8-50781
- Szabo, A. Examination of some factors affecting the radioactive contamination of the biosphere 8-92711
- Szabo, A. see Buckingham, A.D. 8-55177
- Szabo, A. see Wittehort, R.J. 8-94340
- Szabo, A. see Yamagishi, A. 8-74951
- Szabo, A.G. see Rayner, D.M. 8-73097, 8-92990
- Szabo, G. see Racz, B. 8-82959
- Szabo, G. see Waldbillig, R. 8-53347
- Szabo, Gy. see Mann, R. 8-86838
- Szabo, Gy. see Schader, J. 8-55254
- Szabo, N. The isothermal local resistivity and its connection to different theories 8-72128
- Szabo, N. A proof of spontaneous magnetisation in the d-dimensional Ising-, XY- and Heisenberg-models, $d \geq 2$ 8-72319
- Szabo, P. Optimization of the measuring time in diffraction intensity measurements 8-75490
- Szabo, S., Nagy, F. Investigations of gold adsorption on platinumized platinum in hydrochloric acid media 8-56914
- Szabo, T.L. see Laker, K.R. 8-66991
- Szabo, T.L. see Sethares, J.C. 8-59232
- Szabo, Z.G., Kamaras, K., Szebeni, Sz., Ruff, I. Investigation of [chromate salts] by [diffuse reflectance spectroscopy] 8-88326
- Szachrajuk, R.B. see Chandorkar, K.R. 8-73176
- Szadkowski, J. Synthesis of nonlinear mechanical systems with time-optimal condition 8-54176
- Szafranski, C. see Strek, W. 8-64404
- Szafron, D.A. see Spero, A. 8-69924
- Szajdzinska, E. see Kroh, J. 8-76889
- Szajman, J., Jenkin, J.G., Liesegang, J., Leckey, R.C.G. Electron mean free paths in Ge in the range 70-1400 eV 8-84696
- Szalata, Z.M., Itoh, K., Peterson, G.A., Flanz, J., Fivozinsky, S.P., Kline, F.J., Lightbody, J.W., Jr., Maruyama, X.K., Penner, S. Electroexcitation of ²⁰Ne giant electric-dipole and -quadrupole resonances 8-50144
- Szalata, Z.M. see Arnold, R.G. 8-62521
- Szalay, M. Fibre optics system in electronics. I 8-66900
- Szaloky, G., Seiler, F. Phase shift analysis of ³He(p,p)³He elastic scattering 8-78376
- Szaloky, G., Seiler, F., Gruebler, W., Konig, V. Analyzing power of ³He(p,p)³He elastic scattering between 2.3 and 8.8 MeV 8-78375
- Szaloky, G. see Montestrucque, L.A. 8-89885
- Szamosi, G. see Chand, R. 8-82133, 8-86044
- Szaniawski, A. Centrifugal flow of fluid through the fiber bundle 8-51236
- Szantai, T. see Prekopa, A. 8-81240
- Szanto, E.M. see Szanto de Toledo, A. 8-70423, 8-78246, 8-89781
- Szanto de Toledo, A., Klapdor, H.V., Hafner, H., Saathoff, W., Szanto, E.M., Schrader, M., Dias, H. Structure of the neutron-deficient nuclide ¹²¹I 8-70423
- Szanto de Toledo, A., Klapdor, H.V., Hafner, H., Saathoff, W., Szanto, E.M., Schrader, M. Masses of ^{111,123,125}I and energy levels of the highly neutron-deficient ¹²¹I 8-78246
- Szanto de Toledo, A., Schrader, M., Rosner, G., Szanto, E.M., Klapdor, H.V. Yrast states in ²⁴Mg up to 24 MeV excitation energy 8-89781
- Szapiel, S. Marechal intensity criteria modified for circular apertures with nonuniform intensity transmission: Dini series approach 8-71043
- Szata, M. see Kasprzak, W. 8-49636
- Szczekowski, M. Dilepton and trilepton production in neutrino experiments 8-89704
- Szczepaniak, K. see Barnes, A.J. 8-62952
- Szczepaniak, W. see Fouque, Y. 8-79763
- Szczepanik, J.F. see Witte, J.C. 8-65991
- Szczepankowski, J. see Bialkowski, J. 8-70709
- Szczepanska, H. see Smigielski, J. 8-71598
- Szczyrba, W. The canonical variables, the symplectic structure and the initial value formulation of the generalized Einstein-Cartan theory of gravity 8-73895
- Sze, D. see Ramaswamy, V. 8-71203
- Sze, D.K., Sviatoslavsky, I.N., Cheng, E.T., Avci, H.I. Thermal, mechanical and neutronic design considerations for a graphite structure Li₂O cooled blanket 8-62652
- Sze, R.C., Scott, P.B. High-energy lasing of XeBr in an electric discharge 8-55340
- Sze, R.C., Scott, P.B. 1/4-J discharge pumped KrF laser 8-74927
- Sze, R.C., Scott, P.B. Intense lasing in discharge excited noble-gas monochlorides 8-90411
- Sze, R.C. see Loree, T.R. 8-63082
- Sze-Cheng Yang see Chung-Yung Robert Wu 8-55255
- Sze-Cheng Yang see Crooks, J.B. 8-78788
- Sze-Cheng Yang see Swalley, W.C. 8-90314
- Sze-Cheng Yang see Yin-Kang Hsieh 8-50486
- Szebeni, Sz. see Szabo, Z.G. 8-88326
- Szebenyi, T. see Kowel, S.T. 8-64067
- Szechenyi, E. An experimental study of the dynamic forces acting on an aerofoil 8-67213
- Szefer, G. see Gaszynski, J. 8-51087
- Szegi, T., Pall, Z., Toth, K. Effect of gamma radiation on the dielectric parameters of insulating materials 8-59836
- Szejn, B. see Yeh, C. 8-90510
- Szekely, J., Karatas, C. The reduction of wustite disks with carbon monoxide over the temperature range 573 to 845°C 8-53253
- Szekely, J. see Dilawari, A.H. 8-52722
- Szekely, J. see Irons, G.A. 8-51659
- Szelag, D. see Pietrucha, J. 8-55584
- Szeless, A. see Ploumen, P. 8-86631
- Szemplinska-Stupnicka, W. The generalised harmonic balance method for determining the combination resonance in the parametric dynamic systems 8-90753
- Szent-Gyorgyi, A.G. see Simmons, R.M. 8-53360
- Szent-Gyorgyi, A.G. see Vibert, P. 8-53361
- Szentali, B. see Pfeifer, J. 8-91353
- Szente, P.A. A thermistor sensor for the measurement of absolute power in an optical fiber 8-65971
- Szentesi, P. Testing of laminar flow in a circular slot 8-67267
- Szentpali, B. see Podor, B. 8-91791
- Szepean, R. see Lender, R. 8-77871
- Szepessy, L. see Manificier, J.C. 8-64107
- Szeptycka, M. see Kirk, H.G. 8-82252
- Szeptycka, M. see Moriyasu, K. 8-66165
- Szeri, A.Z., Adams, M.L. Laminar throughflow between closely spaced rotating disks 8-51170
- Szeto, A.Y.J., Lyman, J. Comparison of codes for sensory feedback using electrocutaneous tracking 8-69255
- Szeto, E.W. see Griffiths, D.J. 8-49592
- Szewczyk, A.A. see Betchov, R. 8-67204
- Sziklai, J. see Fodar, I. 8-82332
- Sziklai, J. see Fodor, I. 8-70504
- Szilard, J. A further improved three-dimensional display (Mark 2) [US imaging] 8-59225
- Szkody, P. see Margon, B. 8-93252
- Szlavin, J. see Hallbauer, D.K. 8-81431
- Szmulowicz, F., Pease, D.M. Augmented-plane-wave calculation and measurements of K and L X-ray spectra for solid Ni 8-68579
- Szmytkowski, C., Zubek, M. Absolute total electron scattering cross section of CO, CO₂, and OCS in the low energy region 8-74774
- Szmytkowski, C., Zubek, M., Drewko, J. Calculation of cross sections for vibrational excitation and de-excitation of CO₂ by electron collisions 8-66669
- Sznajder, J. see Zdanowicz, W. 8-68336
- Szofran, F.R. see Barr, T.L. 8-72028
- Szoghly, I.M., Kish, L. Determination of radioactive disequilibrium in uranium-bearing rocks 8-57330
- Szoghly, I.M. see Ramavataram, K. 8-66257
- Szoke, A. see Murray, J.R. 8-59086, 8-66863, 8-90450
- Szokefalvi-Nagy, Z. see Demeter, I. 8-61166

- Szopa, J.** *see* Tokarzewska, M. 8-85212
- Szostak, D.** *see* Oppen, G.v. 8-58607
- Szostak, D.J.** *see* Goldstein, B. 8-71989, 8-76132
- Szostak, M.M., Mielczarek, D.** The application of oriented gas and effective charge models to the infrared dichroic ratio of β -naphthol crystals 8-60437
- Szota, K.** *see* Brudkowska, B. 8-84014
- Szpiro, O., Allen, P.H.G., Collins, M.W.** The influence of temperature dependence of thermophysical properties on the prediction accuracy in laminar mixed convection heat transfer in vertical tubes 8-90895
- Szpor, S.** A new theory of ball and bead lightning 8-92884
- Szpor, S.** Theory of the main discharge of lightning 8-92887
- Szpunar, B.** *see* Lindgard, P.A. 8-84423
- Szpunar, B.** *see* Lindgard, P.-A. 8-52252
- Sztankovics, L.** Pressing method for aluminum oxide 8-52728
- Sztarkier, J.** *see* Kerek, A. 8-50440
- Sztern, J.** *see* Krishnan, R. 8-64237, 8-84458
- Sztern, J.** *see* Suran, G. 8-52359
- Szu Hwaling Harold** *see* Hwaling Harold Szu
- Szucs, Z.** *see* Karcher, R. 8-52360
- Szudy, J.** Pressure effects on spectral lines 8-82690
- Szulkin, M., Karwowski, J.** The effect of core polarization on oscillator strengths and on the locations of energy levels in sodium 8-82688
- Szumiel, I.** Requirements for potentiation of radiation effect by a platinum complex 8-85345
- Szuszczewicz, E.P.** Ionospheric holes and equatorial spread F: chemistry and transport 8-88982
- Szuskiewicz, W., Witowski, A.M., Grynberg, M.** The dynamic dielectric function in HgSe and HgTe 8-68508
- Szwarc, H.** *see* Ghelfenstein, M. 8-78766
- Szwarc, M.** *see* Wang, H.C. 8-92460
- Szwed, J.** Hadron masses in the bag model with surface tension 8-70337
- Szweicer, T.** *see* Pawluk, K. 8-94356
- Szybisz, L.** The decay of the $T=1$ isospin triplet in $A=12$ systems. II. The induced interactions in the anisotropy of beta-rays 8-78322
- Szydowski, F.J., Peck, E., Bax, B.** Optimisation of pyrolytic coating procedure for graphite tubes used in atomic absorption spectrometry 8-76940
- Szyjewicz, A., Kamal, A.N.** Proton-proton bremsstrahlung 8-62451
- Szyjewicz, A.** *see* Kamal, A.N. 8-70386
- Szymanska, H., Burzynska, L., Pasierb, H.** The effect of addition of aluminium to zinc on phase composition and morphology of the product of the reaction Fe-Zn. I. Rimming steel 8-53014
- Szymanska, H., Burzynska, L., Pasierb, H.** The effect of an addition of aluminium to zinc on phase composition and morphology of the products of Fe-Zn reaction II. Silicon killed steel 8-85021
- Szymanska, W., Dietl, T.** Electron scattering and transport phenomena in small-gap zinc-blende semiconductors 8-95294
- Szymanska, W.** *see* Dietl, T. 8-95295
- Szymanska, W.** *see* Iwanowski, R.J. 8-95296
- Szymanski, A.** A study of chemical reactions in a plasma generated near the surface of a ferroelectric 8-68931
- Szymanski, G.** *see* Krakowski, M. 8-78856
- Szymanski, L.** *see* Bugajski, M. 8-52583
- Szymanski, M.** *see* Borkowski, B. 8-92184
- Szymanski, Z.** *see* Cwiok, S. 8-88228, 8-82264
- Szymczak, H.** On magnetostriction in amorphous thin films 8-80185
- Szymczak, H.** Dipolar mechanism for magnetostriction in amorphous ferrimagnetic alloys 8-95502
- Szymczyk, W.M., Moszynski, M.** Electric field distribution and the charge collection process in non-ideally compensated coaxial Ge(Li) detectors 8-94164
- Szymonski, M., Overeijnder, H., De Vries, A.E.** The sputtering processes during 6 keV Xe ion beam bombardment of halides 8-68590
- Szymonski, M.** *see* Brozdowska-Warczak, B. 8-72612
- Szymura, S., Zawada, A.** The effect of heating rate during primary recrystallization on the properties of the alloy Fe-3% Si after secondary recrystallization 8-84837
- Szytula, A.** *see* Siek, S. 8-52225
- 't Lam, R.U.E.** *see* Blasse, G. 8-56516
- 't Westende, A.P.M. Van** *see* Van 't Westende, A.P.M.
- Taam, R.E.** Double core evolution. I. A $16 M_{\odot}$ star with a $1 M_{\odot}$ neutron-star companion 8-53980
- Taam, R.E., Picklum, R.E.** Nuclear fusion and carbon flashes on neutron stars 8-93293
- Taba, T., Yamanaka, S., Fujita, H.** In situ deformation of the [111] aluminum single crystals observed by high voltage electron microscopy 8-52886
- Tabachnik, V.P., Fridman, L.A., Chernova, G.S., Kokhman, L.V., Burganova, V.A.** The KIFM-1 ferromagnetic probe coercive force meter with different heads in the inspection of tubing 8-60943
- Tabachnik, V.P.** *see* Fridman, L.A. 8-72999
- Tabacik, V., Pellegrin, V.** Cell for the measurement of absorption spectra in the gaseous state 8-58056
- Tabacik, V., Sportouch, S.** CH stretching vibrations of pyrazole and of its deuterated species. Anharmonicity of modes and molecules pseudo-symmetry 8-78710
- Tabak, M., Smirnova, I.N., Ruuge, E.K., Tverdislov, V.A.** Investigation of the structural characteristics of membrane preparations of Na, K-ATPase by the use of paramagnetic probes 8-64930
- Tabak, M.** *see* Eisenberg, Y. 8-54657
- Tabak, R.G.** Interstellar catalysis. I. The theory of H_2 formation 8-54005
- Tabak, R.G.** Interstellar catalysis. II. Comparison of the theory of H_2 formation with observations 8-57616
- Tabaka, A.** *see* Zielenkiewicz, W. 8-49834
- Tabakin, F.** *see* Epstein, G.N. 8-50152, 8-70572
- Tabarrok, B., Lin, R.C.** Laminar flow and heat transfer in curved ducts 8-75144
- Tabarrok, B.** *see* Dost, S. 8-93534
- Tabasso, M.C.** *see* Lucci, A. 8-52836
- Tabata, S.** Comparison of observations of sea surface temperatures at ocean Station P and NOAA buoy stations and those made by merchant ships traveling in their vicinities, in the northeast Pacific Ocean 8-92837
- Tabata, T.** *see* Nohguchi, Y. 8-88841
- Tabata, T.** *see* Shirasawa, K. 8-88842
- Tabata, Y.** *see* Egusa, S. 8-74514, 8-86695
- Tabata, Y.** *see* Miya, K. 8-66370
- Tabatznik, B.** *see* Bradley, J.B. 8-81015
- Tabensky, R., Valle, J.W.F.** A geometrical approach to free-field quantization 8-81885
- Taber, J.E.** *see* Brabston, D.C. 8-96329
- Tabet, J.P.** *see* Couvert, P. 8-78383
- Tabet, J.P.** *see* Tatishcheff, B. 8-82345
- Tabet, J.-P.** *see* Beurty, R. 8-70687
- Tabisz, G.C.** *see* Buckingham, A.D. 8-86874
- Taboada, J., Gibbons, W.D.** Retinal tissue damage induced by single ultrashort 1060 nm laser light pulses 8-96065
- Taboada, J.** *see* Zuclich, J.A. 8-69136
- Tabor, D.** *see* Briscoe, B.J. 8-52998, 8-60842
- Tabor, D.** *see* Pinchin, D.J. 8-56681
- Tabor, J.H.** *see* Moriarty, K.J.M. 8-78228, 8-93867
- Tabor, R.** *see* Coppola, R. 8-61159
- Tabor, S.L., Geesaman, D.F., Henning, W., Kovar, D.G., Rehm, K.E., Prosser, F.W., Jr.** Complete fusion of ^{16}O with ^{24}Mg 8-78412
- Tabor, S.L.** *see* Davids, C.N. 8-70436
- Tabor, S.L.** *see* Geesaman, D.F. 8-82404
- Taborsky, L., Sadovsky, J., Feher, J.** Fatigue properties of Al-based composite materials reinforced with steel fibres 8-60748
- Taborsky, L., Sadovsky, J., Ivan, J., Feher, J.** Fracture mechanics of aluminium based composite materials reinforced with steel fibers under the fatigue loading 8-64629
- Tabuchi, Y.** *see* Iji, T. 8-86655
- Tabulevich, V.N.** Position determinations of a microseismic-vibration source 8-85489
- Taccani, G.** *see* Sinigaglia, D. 8-95851
- Taccardi, B.** *see* Dotti, D. 8-57116
- Taccetti, N.** *see* Bini, M. 8-82314
- Taccetti, N.** *see* Mando, P.A. 8-74328, 8-82308
- Taccone, N.** *see* Angelilli, T. 8-78692
- Tachi, S., Moritani, A., Nakai, J.** Study of heterogeneous structure in $GaAs_{1-x}P_x$ by anodization-electroreflectance technique 8-84088
- Tachi, S.** *see* Tanie, K. 8-53573
- Tachibana, A., Yamabe, T., Miyake, M., Tanaka, K., Kato, H., Fukui, K.** Electronic behavior of amorphous chalcogenide models 8-60087
- Tachibana, H., Yano, H., Ishii, K.** Oblique incidence sound absorption characteristics of various absorbing materials measured by cross-correlation method 8-83172
- Tachibana, S.** *see* Yoshino, K. 8-68104
- Tachikawa, E.** *see* Motojima, K. 8-58365
- Tachikawa, J., Takahashi, Y., Yokoyama, Y., Tokumitsu, M., Murakami, H., Kimura, K., Sawa, M., Kuwahara, S., Joe, Y., Kanazawa, T., Muto, T., Shindo, M.** Reliability analysis on marine reactor systems. Examples of electric power supply system and residual heat removal systems 8-58396
- Tachikawa, K.** *see* Sekine, H. 8-52138, 8-68126
- Tachikawa, K.** *see* Wada, H. 8-84370
- Tachiki, M.** *see* Matsumoto, H. 8-56285
- Tachikura, M.** *see* Hatakeyama, I. 8-87140
- Tachiya, M.** Electron transport over barriers of fluctuating height 8-56122
- Tachiya, M.** Snowballing effect for electron solvation in dilute solutions of polar molecules in nonpolar solvents 8-85283
- Tachon, J.** *see* Adam, J. 8-71473
- Tacker, W.A.** *see* Bourland, J.D. 8-57054
- Tacker, W.A., Jr., Davis, J.S., Lie, J.T., Titus, J.L., Geddes, L.A.** Cardiac damage produced by transchest damped sine wave shocks 8-57052
- Tacker, W.A., Jr.** *see* Bourland, J.D. 8-57055
- Tacu, Gh.** New types of electrodes and paste specimens for emission spectrographic analysis of minerals 8-92563
- Taczanowski, S.** On the optimization of some geometric parameters in 14 MeV neutron activation analysis 8-95982
- Tada, K.** *see* Hirose, K. 8-71235
- Tada, K.** *see* Kikuchi, K. 8-56459
- Tada, M.** *see* Yoshimura, M. 8-84219
- Tada, Y., Harada, M., Tanigaki, M., Eguchi, W.** Laser flash method for measuring thermal conductivity of liquid-application to low thermal conductivity liquids 8-89476
- Tadaki, T., Nagaura, T., Shimizu, K.** Two different morphologies and crystal structures of stress-induced martensites in a Ag-45 at.% Cd alloy 8-68693
- Tade, M.R.** *see* Warkari, H.S. 8-69558
- Tadic, D.** *see* Barroso, A. 8-50125
- Tadjibakhsh, I.** *see* Ahmadi, G. 8-94604
- Tadjibakhsh, I.G.** *see* Shahinpoor, M. 8-65194
- Tadjeddine, M., Abouaf, R.** Predissociation photofragment spectroscopy of O_3^+ quartet states 8-82794
- Tadjeddine, M.** *see* Albritton, D.L. 8-70957
- Tadmor, J., Litai, D., Lubin, E.** Maximum tolerable radiation doses recommended by the Israel Advisory Committee on Nuclear Safety 8-53517
- Tadros, A.K., Mellor, P.B.** An experimental study of the in-plane stretching of sheet metal 8-80573
- Tadros, T.F.** *see* Lambe, R. 8-85207
- Tadros, T.F.** *see* Van Den Boomgaard, T. 8-85206
- Tadzhibaev, F.M.** *see* Alferov, Zh.I. 8-68081
- Taesler, I., Lundgren, J.O.** Hydrogen bond studies. CXXIX. An X-ray determination of the crystal structure of hydrogen chloride hexahydrate, $H_2O_4 \cdot Cl \cdot 2H_2O$ 8-83783
- Taff, L.G., Hall, D.L.** The use of angles and angular rates. I. Initial orbit determination 8-53795
- Taff, L.M., Van Klinken, J.** Nuclear half-lives observed with delayed coincident summing 8-55088
- Taffara, L.** *see* Anni, R. 8-50200
- Tafaya, B.R.** Scanning in your supermarket and problems therein 8-83021
- Taft, C.A.** *see* Scorzelli, R.B. 8-56408
- Taft, E.A.** The optical constants of silicon and dry oxygen oxides of silicon at 5461 Å 8-92043
- Taftatzani, M., Daguenet, M., Dumargue, P.** Diffusion interactions between electrodes located on a circular cylinder immersed in a nonstationary Newtonian laminar flow. I. Theoretical study 8-64849
- Tafto, J.** *see* Gjonnes, J. 8-83860
- Tagai, H.** *see* Nukui, A. 8-67651
- Tagaki, Y.** *see* Ohno, H. 8-63661
- Tagare, S.G., Zhelyazkov, I.** Modulation of ion-cyclotron turbulence by low-frequency perturbations in a magnetized plasma 8-91108
- Tagare, S.G.** *see* Shukla, P.K. 8-83555
- Tagare, S.G.** *see* Zhelyazkov, I. 8-59579
- Tagashira, H.** *see* Okada, I. 8-59539
- Tagashira, H.** *see* Taniguchi, T. 8-79487
- Tagata, G.** Analysis of a randomly excited non-linear stretched string 8-83312
- Tagawa, H.** *see* Wakabayashi, K. 8-51395
- Tagawa, S.** *see* Egusa, S. 8-74514, 8-86695
- Tagder, K., Schmitz-Feuerhake, I.** Determination of dose rates from homogeneously distributed β - and EC-emitters in phantom organs using a liquid scintillator 8-53501
- Taggart, R.** *see* Chandrasekaran, V. 8-72783
- Taggart, R.** *see* Jones, W.B. 8-76674
- Tagiev, B.G.** *see* Abdullaev, G.B. 8-56248, 8-60233
- Tagieva, M.M.** *see* Lebedeva, V.N. 8-87736
- Tagirov, M.Z.** *see* Kogut, N.S. 8-56739
- Tagirov, R.B.** *see* Ziman, V.M. 8-59164

T, E.Cortes *see* Cortes T, E.

T., Jr.de Forest *see* de Forest T., Jr.

't Hooft, G. On the phase transition towards permanent quark confinement 8-70322

't Hooft, G.W. *see* Kohler, W.E. 8-71414

- Tagirov, R.I.**, Glazer, A.A. Magnetic reversals of amorphous iron-gadolinium films with compensation surfaces 8-88148
- Tagirov, V.I.**, Gasanly, N.M., Yavadov, B.M., Sobekh, M.A., Salzmanov, V.M. Photoluminescence of layered $\text{Ga}_{1-x}\text{In}_x$ crystals at two-photon optical excitation 8-76521
- Tagirov, V.I.**, Khomutova, M.D., Sobekh, M.A., Salzmanov, V.M. Photoconductivity of GaSe at high optical excitation rates 8-52036
- Tagirov, V.I.** see Gasanly, N.M. 8-92070
- Tagishi, Y.**, Katori, K., Sasagase, M., Sato, M., Aoki, T., Mikumo, T. Analyzing power for the (p, α) reaction induced with polarized protons 8-70523
- Taglauer, E.**, Heiland, W. Ion impact desorption cross sections of hydrogen and oxygen from metals by light ion bombardment 8-95096
- Taglauer, E.** see Heiland, W. 8-71949
- Tagle, J.A.**, Martinez Saez, V., Rojo, J.M., Salmeron, M. Obtaining density of states information from self-deconvolution of Auger band-type spectra 8-92150
- Taglia, L.** see Cavallini, F. 8-54828
- Tagliacozzo, A.** see Iadonisi, G. 8-80033
- Tagliaferri, G.** The effect of flares on the Earth's atmosphere 8-96345
- Tagliaferri, G.** see Gadioli, E. 8-70477, 8-78354
- Tagliaferri, G.** see Hogan, J.J. 8-93958
- Tagliasco, V.** see Braccini, C. 8-57045
- Tagliasco, V.** see Morasso, P. 8-81077
- Taglauer, E.** see Zartner, A. 8-55221
- Tagnors, H.** see Runesson, K. 8-92875
- Taguchi, J.** see Namba, M. 8-94074
- Taguchi, S.** see Ohtsuka, S. 8-86370
- Taguchi, T.**, Shirafuji, J., Inuishi, Y. Growth by travelling heater method and characteristic of undoped high-resistivity CdTe 8-84707
- Taguchi, Y.**, Tanaka, A., Yamamoto, K. A finite formulation of quantum electrodynamics based on improved operator products 8-58147
- Tahir-Kheli, R.A.**, McGurn, A.R. CPA theory of diluted Heisenberg antiferromagnet with random first- and second-neighbour exchange bonds 8-52187
- Tahir-Kheli, R.A.**, McGurn, A.R. Neel temperature in $(\text{Fe})_{1-x}\text{Zn}_x\text{F}_2$ 8-68233
- Tahir-Kheli, R.A.**, McGurn, A.R. CPA theory of diluted Heisenberg antiferromagnet with random first and second neighbour exchange bonds 8-68263
- Tahir-Kheli, R.A.**, McGurn, A.R. Neel temperature in $\text{Fe}_x\text{Zn}_{1-x}\text{F}_2$ 8-88122
- Tahir-Kheli, R.A.** see Blinc, R. 8-87763
- Tahir-Kheli, R.A.** see Kawasaki, K. 8-56280
- Tahir-Kheli, R.A.** see McGurn, A.R. 8-56281, 8-76245
- Tahira, K.** see Kawai, M. 8-76096
- Tai, A.**, Yu, F.T.S. Classification of the T-E curve 8-82916
- Tai, A.** see Chen, H. 8-66781
- Tai, A.M.** see Lin, J.C. 8-53459
- Tai Kang Suk** see Suk Tai Kang
- Tai Li-Chi**, Wang Jun-Jian, Hou De-Hui A preliminary study of the magnetic properties and structures of Ni-Fe-Nb and Ni-Fe-Nb-Al alloys 8-84450
- Tai Ming Hing** see Ming Hing Tai
- Tai Ming-Hing** see Ming Hing Tai
- Tai Tsun Wu** see Bourrelly, C. 8-70341
- Taibo, L.** see Behar, A. 8-51028
- Taichman, G.C.** see Mortimer, A.J. 8-96062
- Taillandier, E.** see Lakard, T.B. 8-86783
- Taimashkanov, A.S.** see Omarov, O.A. 8-59693
- Taira, K.** see Yamamoto, R. 8-51428
- Taira, S.**, Fujino, M. Fatigue damage in thermal fatigue 8-84978
- Taira, S.**, Fujino, M., Takahashi, T. Fatigue damage in low cycle fatigue at elevated temperatures under saw-tooth wave strain cycling 8-84977
- Taira, S.**, Fujino, M., Yoshida, M. Grain boundary sliding in isothermal and thermal fatigue of 304 stainless steel 8-84979
- Taira, S.**, Tanaka, K., Yamasaki, T. A method of X-ray microbeam measurement of local stress and its application to fatigue crack growth problems 8-64793
- Taira, T.** see Watanabe, K. 8-87244
- Tairov, B.A.**, Tomtiev, D.S., Shakhhtakhtinskii, M.G. Energy spectrum of current carriers $\text{Bi}_{88}\text{Sb}_{12}$ of tin-alloyed melts 8-60139
- Tairov, Yu.M.**, Tsvetkov, V.F., Laukhe, Yu. Oxidation of single crystals as a method for investigation of polytypism 8-59797
- Tairov, Yu.M.**, Tsvetkov, V.F., Laukhe, Yu. Ellipsometric investigation of silicon carbide single crystals 8-92044
- Tairova, L.P.** see Shcherbakov, Yu.K. 8-90477
- Tait, N.R.S.** see Armitage, B.H. 8-94156
- Tait, R.A.**, Knott, J.F. The mechanism of stress relief cracking in Cr-Mo-V steels 8-64669
- Taji, T.** see Ohji, K. 8-92313
- Tajima, H.** see Hagiwara, Y. 8-96123
- Tajima, K.** Position sensitive detectors for thermal neutrons 8-78589
- Tajima, K.**, Gershfeld, N.L. Equilibrium studies of lecithin-cholesterol interactions. II. Phase relations in surface films: analysis of the 'condensing' effect of cholesterol 8-68986
- Tajima, M.** Determination of boron and phosphorus concentration in silicon by photoluminescence analysis 8-63785
- Tajima, M.** Characterization of silicon crystals by photoluminescence method 8-80404
- Tajima, M.**, Okada, Y., Tokumaru, Y. Cathodoluminescence around dislocations in an LEC-GaP crystal 8-84663
- Tajima, N.**, Tomimatsu, A., Horuchi, R. Time evolution of the energy spectrum of Alfvén waves due to the non-linear Landau damping 8-53813
- Tajima, S.** see Azami, T. 8-62262
- Tajima, T.**, Mako, F. Self-consistent potential for a relativistic magnetised electron beam through a metallic boundary 8-82900
- Tajima, T.**, Mima, K., Leboeuf, J.N. Magnetic field generation by the Rayleigh-Taylor instability 8-58476
- Tajima, T.** see Leboeuf, J.N. 8-88991
- Tajima, T.** see Matumoto, K. 8-74208, 8-74241, 8-74242, 8-89756
- Tajima, T.** see Molvig, K. 8-67369
- Tajime, T.**, Saeki, T., Ito, K. Absorption characteristics of the γ -O band of nitric oxide [for atmospheric measurements] 8-57316
- Tak-Fu Chong**, Billmeyer, F.W., Jr. Proposed indices of degree of fluorescence 8-54425
- Takabayasi, T.** Multilocal theory and relativistic string 8-93845
- Takabayasi, T.**, Takeuchi, K. Constraints, center-of-masses and quantization for relativistically structured systems—the bilocal case 8-89619
- Takacs, C.** Description of transport processes in the relativistic continuum physics 8-89383
- Takacs, L.** Mossbauer investigation of ferromagnetic metallic glasses 8-92009
- Takada, J.**, Koyama, K., Adachi, M. Low temperature deformation of internally oxidized Fe-Al alloys 8-52876
- Takada, K.** see Iwasaki, S. 8-54683
- Takada, K.** see Sakata, F. 8-54687
- Takada, N.** see Gamo, K. 8-75683
- Takada, S.**, Hayakawa, H. Fourier transform optical imaging using SAW memory-correlator 8-83090
- Takada, S.**, Sakai, E. Fluctuation conductivity in one-dimensional incommensurate Peierls system 8-91817
- Takada, S.** see Misawa, S. 8-89403
- Takada, T.** see Bando, Y. 8-64241
- Takada, T.** see Sakai, T. 8-87536
- Takada, T.** see Shigematsu, T. 8-56572
- Takada, Y.** Plasmon mechanism of superconductivity in two- and three-dimensional electron systems 8-88065
- Takada, Y.** see Kohsaka, M. 8-61278
- Takagi, A.** see Hasegawa, A. 8-77198, 8-77203
- Takagi, F.** A model of excited hadronic matter and application to antiproton-proton annihilation 8-74288
- Takagi, H.**, Kano, G., Teramoto, I. Thermal oxidation of GaAs in arsenic trioxide vapor 8-56792
- Takagi, H.** see Tsunashima, S. 8-95490
- Takagi, H.** see Washida, N. 8-92531
- Takagi, K.** Double-focusing diode 8-91159
- Takagi, M.**, Kishimoto, U. Protonic and ionic processes in microvilli membrane fragments of cephalopod visual cell 8-73159
- Takagi, M.** see Takahashi, K. 8-60409
- Takagi, N.**, Yamada, H., Tanaka, M., Tsai, K. Influence of nonstoichiometric surface layer on properties of CdS films 8-64148
- Takagi, S.**, Fukushima, M., Koyama, H. Determination of extremely low-level radioiodine in milk 8-92703
- Takagi, S.**, Ishida, K., Ootuka, A. Observation of dislocation in a silicon single crystal by X-ray plane wave topography 8-91342
- Takagi, S.**, Kawabe, K. Remarkable angular and temperature dependence of the ESR linewidth in organic ion-radical salts: 3,3'-diethyl-6,6'-dimethyl-2,2'-thiacyanine-[TCNQ]₂ and 1-ethyl-3'-methyl-2,2'-quinoselenacyanine-[TCNQ]₂ 8-76313
- Takagi, S.**, Ohtou, Y., Nakaoka, A., Inoue, T., Kanbe, H., Fukushima, M., Sakagishi, K., Koyama, K. Determination of environmental radioactivity. V. Determination of fallout nuclides 8-82520
- Takagi, S.** see Kanbe, H. 8-85608
- Takagi, S.** see Nakaoka, A. 8-85609
- Takagi, S.** see Sato, H. 8-90859
- Takagi, S.** see Ueda, T. 8-62486
- Takagi, T.** see Ishikawa, J. 8-66007
- Takagi, T.** see Miya, K. 8-66370
- Takagi, Y.** Time-reversal property of the so-called Lifshitz invariant 8-67679
- Takagi, Y.** Group-theoretical reduction of dipole interaction energy in a crystal 8-87639
- Takagi, Y.** see Ishibashi, Y. 8-76442
- Takagi, Y.** see Ohno, H. 8-94961
- Takagi, Y.** see Sawada, A. 8-76420
- Takagi, Y.** see Shigenari, T. 8-76400
- Takagi, Y.** see Yokota, T. 8-86345
- Takagishi, E.** Comments on 'Optimization of the Wheatstone bridge sensitivity' 8-86298
- Takahama, K.**, Sobagaki, H., Nayatani, Y. Chromatic-adaptation effects and color appearance at various illuminance levels 8-92628
- Takahara, F.**, Hoshi, R. Episodic accretion onto neutron stars and cosmic gamma-ray bursts 8-69824
- Takahashi, A.** Quadrupolar relaxation of ^{27}Al in aqueous solution. III. Discussion on motions of hydration water molecules 8-64291
- Takahashi, A.**, Honda, K., Kato, T., Wakabayashi, H. Wettability and composition of styrene-tetrahydrofuran block copolymers 8-79861
- Takahashi, G.** see Takahashi, T. 8-66374
- Takahashi, H.** Design improvement and standardisation of LWRs in Japan 8-86579
- Takahashi, H.**, Janssens, M.-J., Morgan, J.W., Anders, E. Further studies of trace elements in C3 chondrites 8-69756
- Takahashi, H.**, Tsuneishi, Y. Geochemical study on the groundwater in the anomalous upheaval area, Izu Peninsula 8-96242
- Takahashi, H.** see Hagiwara, S. 8-68915
- Takahashi, H.** see Morgan, J.W. 8-69755
- Takahashi, H.** see Palme, H. 8-57208
- Takahashi, J.**, Yamaguchi, S., Koike, M., Fujino, Y., Yoshinari, O., Hirabayashi, M. Lattice location studies of deuterium in $\text{Pd}_{0.8}\text{Au}_{0.2}$ and Ta crystals by ion channeling 8-67708
- Takahashi, J.** see Yamane, T. 8-56699
- Takahashi, K.** Methods for numerical integration of equations of motion of stationary satellites 8-69659
- Takahashi, K.** Methods for numerical integration of equations of motion of stationary satellites 8-85837
- Takahashi, K.**, El Eid, M.F., Hillebrandt, W. Beta transition rates in hot and dense matter 8-73699
- Takahashi, K.**, Ikeda, M., Harakawa, K., Tanaka, K., Sakai, T. Analysis of the effect of interfacial slippage on the elastic moduli of a particle-filled polymer 8-76688
- Takahashi, K.**, Kobayashi, T., Kitagawa, K., Harakawa, K., Tanaka, K. Experimental study on the Young's modulus of particulate reinforced epoxy-resin using model specimens 8-56683
- Takahashi, K.**, Takagi, M. Topographic study on domain boundaries in TGS. II 8-60409
- Takahashi, K.**, Yoshio, T. Heat capacities of mixed alkali silicate glasses 8-55954
- Takahashi, K.** see Hamatsu, R. 8-66141
- Takahashi, K.** see Kobayashi, O. 8-93806
- Takahashi, K.** see Moriyoshi, Y. 8-64513
- Takahashi, K.** see Nagashima, A. 8-75417
- Takahashi, K.** see Okochi, H. 8-53050
- Takahashi, K.** see Sugie, T. 8-63584
- Takahashi, K.** see Sugimoto, K. 8-85057
- Takahashi, K.** see Takeuchi, H. 8-51341
- Takahashi, K.** see Tanaka, M. 8-91876
- Takahashi, K.** see Ushirokawa, A. 8-61700
- Takahashi, M.**, Fukutome, H. Unrestricted Hartree-Fock description of the ground and the lowest singlet states of oxygen molecule 8-90056
- Takahashi, M.**, Sunakawa, U., Shibata, Y. Ultrasonic generation by ferromagnetic resonance in evaporated Ni-Fe alloy films. I 8-88155
- Takahashi, M.**, Suzuki, T., Kushima, H., Ogasawara, S. Nickel fine particles fabricated by vacuum evaporation onto hot substrates 8-88437
- Takahashi, M.** see Ikeda, T. 8-68388
- Takahashi, M.** see Maezawa, K. 8-87900
- Takahashi, M.** see Matumoto, H. 8-65399
- Takahashi, M.** see Suzuki, R. 8-68319
- Takahashi, M.** see Suzuki, T. 8-84463
- Takahashi, M.** see Tsumura, K. 8-96141
- Takahashi, N.**, Matsuo, T., Miseki, K., Matsuda, H. A new target ion source system for investigation of short-lived nuclei 8-66449
- Takahashi, N.** see Sagara, K. 8-58292
- Takahashi, N.** see Soga, F. 8-54775
- Takahashi, N.** see Tanaka, K. 8-50196
- Takahashi, R.** Growth of CdS whisker 8-75969
- Takahashi, S.** Measurement of acoustic non-linearity parameter of sea water and distilled water 8-75727
- Takahashi, S.** Preparation of SiC whisker-reinforced silver composite material on Skylab 8-84741
- Takahashi, S.**, Kobayashi, T., Saito, H., Furu-kawa, Y. GaAs-AlGaAs DH lasers with buried facet 8-55373
- Takahashi, S.**, Mitachi, S., Shipata, S., Yasu, M. Multicomponent glass fibres with high numerical aperture 8-55445
- Takahashi, S.** see Kubota, K. 8-87032
- Takahashi, S.** see Ota, T. 8-88435
- Takahashi, T.** Precipitation mechanisms in a shallow convective cloud model 8-81311

- Takahashi, T.** Crystallographic features and formation processes of pearlite block 8-84799
- Takahashi, T., Kamiya, H.** Chemical vapor deposition of the system Ti-Zr-B 8-60581
- Takahashi, T., Kojima, Y.** Effect of Ag addition on the age-hardening in Al-10% Mg alloys 8-52831
- Takahashi, T., Kuwabara, K.** Ionic conductivities of hollandites 8-67856
- Takahashi, T., Nagumo, M., Asano, Y.** Microstructures dominating the ductility of eutectoid pearlitic steels 8-84917
- Takahashi, T., Takahashi, G., Kazawa, Y., Suzuki, Y.** Numerical and experimental analysis of eddy currents induced in Tokamak machines 8-66374
- Takahashi, T., Tanase, S., Yamamoto, O.** Electrical conductivity of some hydroxyapatites 8-67855
- Takahashi, T., Tanase, S., Yamamoto, O.** Electrical conductivity of urea nitrate single crystal 8-79807
- Takahashi, T., Tsujimoto, I.** Fibril formation process of poly(p-phenylene terephthalamide) from the nascent spheulite formed during the polymerisation in hexamethylphosphorotriamide 8-56893
- Takahashi, T., Yamamoto, O., Sawai, A.** Solid-state ionics: the phase diagram and high ionic conductivity of the system CuCl-TiCl 8-79802
- Takahashi, T.** see Asami, S. 8-56578
- Takahashi, T.** see Ebina, A. 8-68584
- Takahashi, T.** see Higashi, S. 8-55081
- Takahashi, T.** see Ichinose, N. 8-95215
- Takahashi, T.** see Kikuta, S. 8-49948, 8-83654, 8-91202
- Takahashi, T.** see Kobayashi, J. 8-52466
- Takahashi, T.** see Konno, S. 8-50441
- Takahashi, T.** see Kubota, S. 8-60521
- Takahashi, T.** see Kuwabara, K. 8-83998
- Takahashi, T.** see Nakamura, M. 8-86122
- Takahashi, T.** see Sato, T. 8-84861
- Takahashi, T.** see Taira, S. 8-84977
- Takahashi, T.** see Ushirokawa, A. 8-61700
- Takahashi, Y.** Gauge invariant space translation 8-62296
- Takahashi, Y.** Quantum field theory of normal liquids 8-91213
- Takahashi, Y., Kobayashi, M.** Origin of the Gribov ambiguity 8-93808
- Takahashi, Y., Shimizu, M.** Orbital magnetic susceptibility of conduction electrons in a disordered system 8-76217
- Takahashi, Y.** see Moriya, T. 8-80151
- Takahashi, Y.** see Motojima, S. 8-72710
- Takahashi, Y.** see Sugiyama, K. 8-60555
- Takahashi, Y.** see Tachikawa, J. 8-58396
- Takahata, D., Miller, W.A., Aust, K.T.** The effect of antimony on sintering and grain growth in silver 8-84730
- Takahei, K., Kobayashi, K.** Impurity-induced self-trapping of holes and minority-ion percolation in TlCl-TlBr mixed crystals 8-64398
- Takai, H.** see Kudaka, K. 8-68659
- Takai, K., Matsumoto, K., Yamashita, M., Morita, M.** Fracture toughness and fatigue crack propagation behaviour of several cast steels for structural components of hydro-turbines 8-68822
- Takai, M.** see Gamo, K. 8-75683
- Takai, N.** Contrast of time-averaged image speckle pattern for a vibrating object 8-50703
- Takai, Y., Ishii, K., Mizutani, T., Ieda, M.** Photoinjection of holes into poly(2-chloro-p-xylylene) (PCPX) 8-76145
- Takaiwa, Y.** A phenomenological bound for charged and neutral D meson life times 8-62396
- Takaiwa, Y.** Semileptonic decays of charmed mesons in the effective chiral Lagrangian method 8-74254
- Takaiwa, Y.** see Hirata, K. 8-82166
- Takaki, Y., Kakinoki, J.** A note on 'On the diffraction of X-rays by face-centred cubic crystals containing extrinsic stacking faults' by C.J. Howard 8-91193
- Takakura, K.** see Kosugi, Y. 8-92759
- Takakura, K.** see Yamashita, S. 8-96115
- Takakusa, M., Itoh, U., Anzai, H., Sato, T., Masuko, H.** Laser emission from new hydroxy-coumarin dyes 8-82962
- Takakusa, Y., Hyodo, T.** On the existence of delocalised positronium in NaF at room temperature 8-76546
- Takakusa, Y.** see Hyodo, T. 8-88235
- Takamatsu, T.** see Imazu, S. 8-67522, 8-83634
- Takamatsu, Y.** see Fukano, T. 8-59195
- Takami, T.** see Kataoka, K. 8-79350
- Takamoto, M., Komiya, K.** Improvement of the characteristics of a vortex shedding flowmeter in low Reynolds number 8-79396
- Takamura, J.** see Nakamura, F. 8-76051
- Takamura, J.** see Narita, N. 8-59820
- Takamura, S., Okuda, S.** Effect of plastic deformation on the low temperature recovery after neutron irradiation 8-51588
- Takamura, S., Okuda, S.** The effect of low-temperature neutron irradiation on the critical current of some superconducting materials 8-52180
- Takamura, T.** Solid state image sensors and applications 8-59142
- Takano, H.** see Kishimoto, H. 8-62662
- Takano, H.** see Yokozawa, Y. 8-76298
- Takano, K., Hachisu, S.** Spectroscopic study of monodisperse latex. I. Short-range order in monodisperse latex 8-85208
- Takano, K., Hachisu, S.** Spectroscopic study of monodisperse latex. II. Phase diagram of monodisperse latex 8-85209
- Takano, K.** see Yonemitsu, K. 8-76052
- Takano, M.** see Nakanishi, N. 8-76695
- Takano, S.** see Ejima, T. 8-59962
- Takano, S.** see Yoshikawa, M. 8-84906
- Takano, T.** see Matsushima, T. 8-74925
- Takano, Y.** NMR and ion experiments in liquid ^3He 8-91505
- Takao, K.** see Sakamoto, Y. 8-52857
- Takaoka, S.** see Kawamura, H. 8-76416
- Takaoka, Y., Suzuki, N., Motizuki, K.** Jahn-Teller effect on optical absorption spectra of MnO 8-52484
- Takarada, T.** see Ito, U. 8-84755
- Takasaka, A., Sato, M., Okuyama, T.** Removal of H^+ , NH_4^+ , Cu^{2+} and Cd^{2+} by using Itaya-Zeolite 8-95951
- Takasaki, H.** see Umeda, N. 8-90426
- Takase, A., Sakagami, S., Nakamizo, M.** Conformational change of liquid crystalline ethyl-4'-n-octyloxy biphenyl carboxylate at the liquid crystal phase transitions 8-87774
- Takase, B.** see Hamajima, K. 8-89064
- Takase, H.** see Muto, K. 8-58328
- Takase, M.** see Kusnagi, H. 8-67663
- Takashige, M., Hirotsu, S., Sawada, S., Hamano, K.** Piezoelectric and elastic properties of ferroelectric dicalcium lead propionate 8-84528
- Takashige, M.** see Sawada, S. 8-75823, 8-76408
- Takashima, H., Saito, H.** Infrared reflection spectra of mixed alkali and alkali-alkaline earth silicate glasses 8-52505
- Takashima, H., Saito, H.** Change of infrared reflection spectra of silicate glass corroded with moisture 8-53013
- Takashima, H., Saito, H.** Relation between infrared reflection spectra and corrosion state of silicate glass with acid and alkaline aqueous solution 8-88554
- Takashima, K., Nawata, S.** Diffraction grating ruling engine with piezoelectric control 8-83128
- Takashima, S.** Revised evaluation guide of general design philosophy for LWR type of nuclear power plant 8-54816
- Takashima, T.** see Ohtsuka, S. 8-86370
- Takasu, M.** see Kaneko, T. 8-74207
- Takasu, M.** see Nakagawa, M. 8-66069
- Takasugi, E.** see Chiu, C. 8-74145
- Takasugi, T., Fat-Halla, N., Izumi, O.** The plastic deformation and fracture behaviours of α - β brass two-phase bicrystals 8-84898
- Takasugi, T., Izumi, O., Fat-Halla, N.** Activated slip systems during yielding of α - β brass two-phase bicrystals 8-84911
- Takata, H.** Transmission properties of optical glass fibres 8-90517
- Takata, H.** see Kobayashi, T. 8-68666
- Takata, H.** see Miyashita, T. 8-79135
- Takatsu, H., Yamamoto, M., Shimizu, M., Ohta, M., Saigo, T., Miyata, H., Sato, H., Itoh, Y.** Stress analysis of vacuum vessel in JT-60 8-66371
- Takatsu, S.** A new continuous process for production of WC-Co mixed powder by rotary kilns 8-64502
- Takatsuka, K., Fueno, T.** The spin-optimized SCF general spin orbitals. II. The 2^2S and 2^2P states of the lithium atom 8-82617
- Takatsuka, K., Fueno, T., Yamaguchi, K.** Distribution of odd electrons in ground-state molecules 8-90073
- Takatsuka, T., Tamagaki, R.** Solidification of nucleon system and π^0 condensation 8-54715
- Takatsuka, T., Tamiya, K., Tatsumi, T., Tamagaki, R.** Solidification and pion condensation in nuclear medium—alternating-layer-spin structure with one-dimensional localization accompanying π^0 condensate 8-89813
- Takatsuka, T.** see Yamaguchi, K. 8-92447
- Takaya, K., Pollak, V.** Laser scanning system for the digital transmission of X-ray pictures over voice-grade telephone channels 8-80953
- Takaya, K.** see Pollak, V.A. 8-57071
- Takayama, H.** Effective field approximations for spin glass phase and random ordered phase 8-84432
- Takayama, K., Sekiguchi, H.** An experiment on shock diffraction by cones 8-79335
- Takayama, K.** see Watari, T. 8-83604
- Takayanagi, H., Masumi, T.** A broadband and higher-power superconducting quantum magnetometer for the small signal A-D converter 8-62211
- Takayanagi, K.** Low-energy Ion-Polar molecule collision—the Perturbed Rotational State Approach 8-92469
- Takayanagi, K., Yagi, K., Kobayashi, K., Honjo, G.** Techniques for routine UHV in situ electron microscopy of growth processes of epitaxial thin films 8-55790
- Take, K.** see Furukawa, K. 8-95929
- Takebayashi, M., Tonoike, M., Hitani, S., Kurioka, Y., Ikeda, J.** A facility for physiological measurement of monkey color vision and detected responses 8-92752
- Takebayashi, M.** see Tonoike, M. 8-92661
- Takebe, T., Sarai, J., Tanaka, T.** Study of the surface barrier of the metal-n-CdTe contact 8-64111
- Takechi, H.** see Kurimoto, K. 8-93031
- Takechi, K.** see Kohsaka, M. 8-61278
- Takeda, H.** see Beier, E. 8-74290
- Takeda, H.** see Kamae, T. 8-82215
- Takeda, H.** see Kawamura, Y. 8-63129
- Takeda, H.** see Weisberg, H. 8-74291
- Takeda, K., Schouten, J.C., Kopinga, K., de Jonge, W.J.M.** Quasi-one dimensional behaviour of $(\text{CH}_3)_2\text{NH}_2\text{MnCl}_2$ (DMMC) 8-52293
- Takeda, K., Suzuki, Y.** Water migration during soil freezing 8-88862
- Takeda, K.** see Kinoshita, S. 8-88834, 8-92860
- Takeda, M., Takeshi, K.** MTF measurement of TV zoom lenses: influence of distortion on the equivalence of normal and inverse conjugate techniques 8-78008
- Takeda, M.** see Nakamura, K. 8-55803
- Takeda, N.** see Yamada, K. 8-87309
- Takeda, S., Miki, K.** Effect of Np-239 on fast reactor burnup calculation 8-89936
- Takeda, S.** see Nagai, Y. 8-52750
- Takeda, S.** see Ohe, K. 8-63557
- Takeda, S.** see Sato, Y. 8-55755
- Takeda, S.** see Sugai, H. 8-59586, 8-63570
- Takeda, S.** see Yasuda, A. 8-67429
- Takeda, S., Tsuchiya, Y., Tamaki, S.** Magnetic susceptibilities of liquid Pb-Te alloys 8-80121
- Takeda, T.** see Chiba, R. 8-78320
- Takeda, T.** see Tsunematsu, T. 8-89318
- Takeda, Y.** Quasi-free proton scattering at 1 GeV. The effect of multiple scattering 8-62515
- Takeda, Y., Metois, J.J., Heyraud, J.-C.** A gold decoration investigation of graphite surface behaviour under various vacuum conditions 8-75915
- Takeda, Y.** see Metois, J.J. 8-80665
- Takeda, Y.** see Ohi, K. 8-91720
- Takegoshi, K.** see Tokaji, K. 8-64625, 8-92332
- Takei, H.** Growth of fayalite (Fe_2SiO_4) single crystals by the floating-zone method 8-60570
- Takei, T.** see Hashimoto, T. 8-66917
- Takei, W.J.** see Thomas, R.N. 8-67727
- Takekawa, A.** see Yoshida, K. 8-51854
- Takekiyo, S.** Ab initio calculations of the π -electronic structures of pyridine by valence-bond method 8-70749
- Takekoshi, H.** see Hayashi, Y. 8-80807
- Takekuma, T., Yoshida, H.** Analysis of two-nucleon transfer reactions by heavy ions on the basis of one- and two-step processes 8-82370
- Takemasa, T.** see Sano, M. 8-89821
- Takemoto, K.** see Ito, T. 8-79108
- Takemoto, T., Hori, S.** The effect of pH copper content and ammonia concentration on the stress corrosion cracking susceptibility of an aged Cu-4% Ti alloy 8-88562
- Takemura, K.** see Shimomura, O. 8-87647
- Takemura, T.** see Matsushige, K. 8-91422
- Takemura, Y.** see Iinuma, K. 8-69160
- Takenaka, H.** see Kawashima, Y. 8-95707
- Takenaka, H.** see Kodate, K. 8-82928
- Takenaka, H.** see Sunada, H. 8-95706
- Takenaka, H.** see Terauchi, H. 8-56433
- Takenaka, T.** Effect of electrolyte on the molecular orientation in monolayers adsorbed at the liquid-liquid interface: studies by resonance Raman spectra 8-60430
- Takenaka, T.** The field distribution in a square law medium for an incident Gaussian beam 8-74840
- Takenaka, T., Hayashi, H., Murata, K., Inoguchi, T.** Various dislocation etch pits revealed on LPE GaAs{001} layer by molten KOH 8-63772
- Takenaka, T., Takigawa, M., Shohno, K.** Diffusion layers formed in Si substrates during the epitaxial growth of BP and application to devices 8-56585
- Takenaka, T.** see Kato, T. 8-92067
- Takenaka, T.** see Kato, Y. 8-84569
- Takenaka, Y.** see Deki, K. 8-87043
- Takeno, S.** see Yoshida, F. 8-79513
- Takeo, H.** see Kawashima, Y. 8-74643
- Takeo, M.** see Matsushita, T. 8-84364, 8-91829

- Takesako, K.** see Kawai, M. 8-66258, 8-66259
Takesawa, K. see Kobayashi, M. 8-72206
Takeshi Sato, G. see Tokuoka, N. 8-87373
Takeshima, M. Unified treatment of dielectric enhancement and conduction-electron screening in the Mott transition in semiconductors 8-72073
Takeshima, M. see Ishikawa, K. 8-60423
Takeshita, H. see Nasu, S. 8-79556
Takeshita, K. see Okajima, S. 8-85393
Takeshita, T. see Wallace, W.E. 8-68210
Takesi, K. see Takeda, M. 8-78008
Taketa, H. see Honjou, N. 8-74585
Taketa, Y. see Nitta, M. 8-68032
Taketani, H. see Ikegami, H. 8-50065
Taketani, K. see Sawai, S. 8-86663
Takeuchi, A. see Amari, S. 8-80859
Takeuchi, H. Shiroshita, T., Yonekawa, A. Series OA ozone analyzers 8-57308
Takeuchi, H., Shoji, T., Funahashi, A., Takahashi, K. Study on proton behavior in the JFT-2 Tokamak from analyses of charge-exchanged fast atoms 8-51341
Takeuchi, H. see Kanda, Y. 8-95827
Takeuchi, H. see Sugie, T. 8-63584
Takeuchi, I. see Misawa, K. 8-61639
Takeuchi, I. see Yamauchi, A. 8-91463
Takeuchi, K. Hydraulic force calculation with hydro-structural interactions 8-58373
Takeuchi, K. see Miura, T. 8-58318
Takeuchi, K. see Sakamoto, Y. 8-52857
Takeuchi, K. see Takabayasi, T. 8-89619
Takeuchi, M., Itoh, T., Nagasaka, H. Dielectric properties of sputtered TiO₂ films 8-80288
Takeuchi, M., Miwada, K., Nagasaka, H. The behaviour of powder in vibrating field 8-95711
Takeuchi, M. see Kaneko, F. 8-95708
Takeuchi, M. see Kanagawa, K. 8-86314
Takeuchi, N., Inabe, K., Yamasita, J. Valence conversion kinetics of impurity ions in MgO single crystals by UV irradiation 8-84620
Takeuchi, N., Shimizu, H., Okuda, M. Detectivity estimation of the DAS lidar for NO₂ 8-92991
Takeuchi, N., Terada, K., Yonetani, S. Estimate of dislocation velocity-stress exponents by stress relaxation and creep tests for KCl single crystals 8-55875
Takeuchi, N. see Adachi, M. 8-52343
Takeuchi, N. see Inabe, K. 8-56526, 8-88367
Takeuchi, R. see Nakamura, A. 8-50972
Takeuchi, R. see Nakayama, I. 8-59170
Takeuchi, R. see Yasumoto, Y. 8-55503, 8-63810
Takeuchi, S., Fujii, K., Maeda, K. Steady state deformation of crystals controlled by motion of screw dislocations 8-51605
Takeuchi, S. see Maeda, K. 8-84935
Takeuchi, S. see Murata, Y. 8-80664
Takeuchi, S. see Ochiai, H. 8-65404
Takeuchi, T. see Yoshimura, Y. 8-65000
Takeuchi, Y., Adachi, N., Tokumaru, H. The stability of generalized Volterra equations 8-86116
Takeuchi, Y., Hogaki, M. An adaptive correlation ratemeter: a new method for Doppler fetal heart rate measurements 8-88732
Takeuchi, F. see Bassalleck, B. 8-66322
Takeuti, T., Nakano, M., Brook, M., Raymond, D.J., Krehbiel, P. The anomalous winter thunderstorms of the Hokuriku coast 8-73443
Takeyama, T. see Shibata, T. 8-85038
Takezoe, H., Furuhata, K., Nakagiri, T., Fukuda, A., Kuze, E. Birefringence in the Sm A phase and the disappearance of helicoidal structure in the Sm C* phase caused by an electric field in DOBAMBC 8-75812
Takezoe, H. see Muta, K. 8-56461
Takhtadzhyan, L.A. see Budagov, A.S. 8-49684
Takhtamishev, G.G. see Gentchev, V.I. 8-78174
Taki, N. see Fujita, H. 8-55968
Taki, T. ³¹P multiple-pulse nuclear magnetic resonance experiments in inorganic solids 8-52369
Takibaev, Zh.S., Baigubekov, A.S., Sadykov, T.K. Accelerated scanning for families of gamma rays in X-ray pellicle stack 8-78546
Takigawa, M. see Takenaka, T. 8-56585
Takigawa, N., Lee, S.Y., Marty, C. Long life potential resonances in ¹⁰C-¹²C scattering from an l-dependent absorptive potential 8-62570
Takigawa, Y. see Ando, Y. 8-94062
Takiguchi, T. see Shioyama, T. 8-70148
Takimoto, K. see Soga, F. 8-54775
Takimoto, M. see Ohtsuka, S. 8-86370
Takimoto, S. see Sato, T. 8-61131
Takino, T. see Viswanathan, C.R. 8-72265
Takitani, K. see Roko, K. 8-90990
Takiyama, K. The F-center emission in LiCl 8-60501
Takiyama, K. see Shigesawa, H. 8-87162
Takiyama, K. see Ueda, Y. 8-76309
Takiyama, K. see Yasuda, S. 8-66787
Takiyama, K. see Yoda, Y. 8-83107
Takizawa, S., Murata, H., Nagashima, A. Measurement of the thermal conductivity of liquids by transient hot-wire method. I. Measurement at atmospheric pressure 8-65920
Takizawa, Y. see Okabayashi, H. 8-80980
Takizuka, T. see Kasai, S. 8-55737
Takke, R. see Assmus, W. 8-79562
Takle, E.S., Brown, J.M. Note on the use of Weibull statistics to characterize wind-speed data 8-92928
Takokoro, H. see Kusanagi, H. 8-67663
Taktakishvili, M.I. see Barkhudarov, E.M. 8-71617
Takusagawa, M. see Imai, H. 8-87050
Takusagawa, M. see Nishi, H. 8-66829
Takwale, R.G. see Teli, M.T. 8-54627
Takzei, G.A. see Pan, V.M. 8-52118, 8-87749
Talaga, R. see Biegert, E. 8-93901
Talaga, R. see Marshak, M.L. 8-82245
Talantov, A.V. see Ananikov, S.V. 8-59457
Talarek, H.D. see Wolters, J. 8-58390
Talashhev, A.A. see Vas'kova, V.I. 8-84042
Talashidis, D., Wunderlich, W. Oscillation and stability conditions for generalised dish shaped mechanical supports based on mixed finite elements 8-87299
Talasman, S. see Grosu, Cs. 8-67509
Talat, G.Kh. see Dimtruk, N.L. 8-88366
Talaty, E.R. see Simons, G. 8-76842
Talbert, D.G. An 'add-on' modification for linear array real time ultrasound scanners to produce 3 dimensional displays 8-61229
Talbot, W. Large, lightweight, replicated mirrors 8-66963
Talbot, W.L., Jr. see Pacer, J.C. 8-50129
Talbot, C.J. Halokinesis and thermal convection 8-65308
Talbot, J.B., Wiffen, F.W. Recovery of tritium from solid Li-Al and sintered aluminum product (SAP) blanket materials 8-58455
Talbot, M.R., Williams, M.A.J. Erosion of fixed dunes in the Sahel, central Niger 8-81225
Talbot-Besnard, S. see Cornet, M. 8-72853
Taleb-Agha, G. Seismic risk analysis of lifeline networks 8-65192
Talenskii, O.N. see Bykovskii, Yu.A. 8-50948
Talia, J.E., Fernandez, L., Gbala, R. Surface oxide softening in tungsten and molybdenum single crystals 8-95860
Taliani, C. see Bree, A. 8-58064, 8-64393, 8-64402
Talinskii, V.K. see Klotsman, S.M. 8-67851
Taljaard, J.J., Potgieter, T.I. Surface temperature and sea-level pressure at Norway Station and Sanae 8-81324
Talkner, P. see Grabert, H. 8-62157
Talkner, P. see Hanggi, P. 8-54305, 8-93610
Tallents, G.J. The operation of a 45° parallel-plate electrostatic analyser in laser-produced plasma studies 8-83610
Tallents, G.J. Population inversions in hydrogen-like ions 8-87437
Talley, C. see Nielsen, D.W. 8-88715
Talley, S.B. see Cossairt, J.D. 8-82285
Tallian, T.E., McCool, J.I. A new model of fatigue life dispersion in rolling contact 8-59349
Tallini, B. see Baland, J.F. 8-93911
Tallini, B. see Bosetti, P.C. 8-70357
Tallman, D.E. see Anderson, J.E. 8-92489
Tallon, J.L., Robinson, W.H., Smedley, S.I. Premelting electrical conductivity and heat capacity in some alkali halides 8-91445
Talmadge, S. see Schwirzke, F. 8-59681
Talman, J.D. see Pant, M.M. 8-74618
Talmi, A., Glat, G. Phonon spectrum in lead by a new phenomenological method 8-59890
Talmi, I. see Arima, A. 8-54672
Talmi, I. see Otsuka, T. 8-62493
Talmi, Y. Applications of optical multichannel spectrometric detectors 8-74077
Talmi, Y. Pyroelectric vidicon: a new multichannel spectrometric infrared (1.0-30-μm) detector 8-86329
Talmon, Y., Thomas, E.L. Beam heating of a moderately thick cold stage specimen in the SEM/STEM 8-61289
Talmond, S.L. see Drobosyuk, V.M. 8-53262
Talner, L.B. see Taylor, A. 8-65115
Talreja, R., Weibull, W. Probability of fatigue failure based on residual strength 8-68797
Tal'roze, V.L., Porikova, A.I., Larin, K., Vinogradov, P.S., Kasimovskaya, E.E. Chemical-kinetic criteria of the effect of the substances of natural and anthropogenic origin on ozonosphere 8-53699
Tal'roze, V.L. see Dukhovskoi, E.A. 8-52143
Talsky, A. see Janca, J. 8-63591, 8-63625
Talukdar, B., Chaudhuri, R.N., Das, U., Banerjee, P. Continuum S state wavefunctions for the Debye potential by Ecker-Weizel approximations 8-78104
Talukdar, B. see Mallick, N. 8-74164
Taluts, G.G. see Mirsaev, I.F. 8-56362, 8-75009
Talwar, D.N. see Agrawal, B.K. 8-76506
Talwar, D.N. see Agrawal, B.K. 8-75780
Talwar, P.L. see Sethi, B.R. 8-76075
Talwar, S.P. see Karnik, A. 8-96471
Tal'yanskii, E.B., Kushnir, Ya.I., Slonetskii, A.F., Rarenko, I.M. Electrophysical properties of fine graded-gap Cd_{1-x}Hg_xTe structures 8-60144
Tal'yanskii, I.I., Yudanin, B.L. Investigation of impurity states in crystals for arbitrary transfer integrals 8-67981
Tam, A.C., Yabuzaki, T., Curry, S.M., Happer, W. Visible excimer bands of the K-noble-gas and Na-noble-gas molecules: comparison of experiment with theory 8-82779
Tam, A.C., Yabuzaki, T., Curry, S.M., Hou, M., Happer, W. Inelastic cross sections in Cs(n²D_{5/2})+Cs(6²S_{1/2}) collisions 8-74753
Tam, A.C. see Happer, W. 8-87110
Tam, A.C. see Yabuzaki, T. 8-78746
Tam, K. see De, J.N. 8-62568, 8-89834
Tam, W.G., Corriveau, R. Scattering of electromagnetic beams by spherical objects 8-66748
Tam Wing-Cheung see Wing-Cheung Tam
Tamae, T. see Tsubota, H. 8-78344
Tamagaki, R. see Furutani, H. 8-93947
Tamagaki, R. see Kohn, M. 8-66225
Tamagaki, R. see Smirnov, Yu.F. 8-50015
Tamagaki, R. see Takatsuka, T. 8-54715, 8-89813
Tamagawa, H. see Shinkawa, M. 8-58331
Tamai, K. see Whitmore, J. 8-74289
Tamai, K. see Yamashita, S. 8-66170
Tamai, T., Tsuchiya, K. Contact resistance characteristics at low temperature 8-68072
Tamain, B. see Bimbot, R. 8-82567
Tamaki, S., Tsuchiya, Y., Waseda, Y. Density of states of the d band and heat of vaporisation in liquid 3d transition metals 8-95253
Tamaki, S. see Harada, S. 8-64185
Tamaki, S. see Satow, T. 8-79519
Tamaki, S. see Takeda, S. 8-80121
Tamaki, S. see Waseda, Y. 8-83935
Tamaki, T., Tsushima, K. Optically induced magnetization in ruby 8-76292
Tamamura, T. Thermally stable diallyl polymers as laminating resins 8-92232
Tamamura, Y. see Yonezawa, S. 8-86240
Tamanini, M. see Lucci, A. 8-52836
Tamari, N., Kato, A. Catalytic effect of nickel on the growth of zirconium carbide whiskers by chemical vapor deposition 8-51865
Tamari, N., Shtrikman, H. Experimentally determined solid-liquid tie lines of Pb_{1-x}Sn_xTe 8-64526
Tamaribuchi, K., Nagashima, H., Kanno, Y. A zig-zag reflection interferometric light modulator 8-90527
Tamarin, A.I., Livshits, Yu.E., Galershtein, D.M., Shuklina, V.M. Forces acting on a body in a nonuniform fluidized bed 8-59476
Tamarin, A.I., Teplitskii, Yu.S. Expansion of an inhomogeneous fluidised bed 8-63492
Tamarin, A.I., Teplitskii, Yu.S., Livshits, Yu.E. Rate of bubble rise in a nonuniform fluidised bed 8-67263
Tamarin, A.I. see Teplitskii, Yu.S. 8-59480
Tamas, G. see Argan, P. 8-82333
Tamas, G. see Argan, P.E. 8-70512
Tamas, G. see Arnold, R.G. 8-62521
Tamashyavichyus, A.V., Shatkovskii, E.V. Impact-ionization magnetoelectric effect in InSb 8-52016
Tamassy-Lentel, I. see Gaspar, R. 8-94329
Tamate, O. Periodic collinear cracks in an elastic plate under uniform twisting 8-67097
Tambe, B.R., Ritchie, B. Continuum states for hydrogen molecule: A study of convergence in e⁻H₂⁺ scattering equations 8-66663
Tambovtsev, Yu.I., Zaborodskii, S.S. Investigation of the structure of a boiling ferromagnetic layer by measuring its magnetic characteristics 8-59499
Tamburello, M. A simple, robust and low-cost device for cutting optical fibres 8-50951
Tamendarov, M.F., Kusainov, Zh.A., Mukashev, B.N., Nusupov, K.Kh. Orientation dependence of defect formation in n-type gallium arsenide irradiated with 30 MeV protons 8-55898
Tambankar, S.S., Doraiswamy, L.K. Solid-solid reactions. Diffusion and reaction in pellet-pellet systems 8-85139
Tamir, A. see Antonir, I. 8-90691
Tamasier, R. see Rotbard, G. 8-82279
Tamiya, K. see Takatsuka, T. 8-89813
Tamm, E.A. see Fridkin, V.M. 8-89574
Tamm, M.A. see Rybicki, E.F. 8-63400
Tams, F.J., Halon, B. Partial pressure analysis of chromium source material 8-72731
Tamulis, A.V. see Litinskii, A.O. 8-82645
Tamura, A. see Shiraishi, Y. 8-59965
Tamura, E. see Ikushima, T. 8-54817
Tamura, F., Teraoka, K. The threshold current and optimal design of cardiac pacemaker electrodes 8-53569
Tamura, H. see Ishitani, T. 8-92579
Tamura, H. see Mori, K. 8-78035
Tamura, H. see Morita, M. 8-68897
Tamura, I. see Onodera, H. 8-92263

- Tamura, K.** *see* Muramatsu, Y. 8-80493
Tamura, K. *see* Natsume, H. 8-54841
Tamura, M., Yagi, K., Sakudo, N., Tokiguchi, K., Tokuyama, T. Effects of high dose rate phosphorus implantation into silicon 8-83835
Tamura, M., Yoshihiro, N., Tokuyama, T. Out-side dislocations generated from phosphorus implanted silicon layers 8-87672
Tamura, M. *see* Kishino, S. 8-72901
Tamura, N., Imai, K., Nisimura, K., Egawa, K., Hatanaka, K., Shimizu, H., Saito, T., Sato, H., Wakuta, Y., Hasuyama, H., Mori, Y., Yamamoto, H. Measurements of the polarization in proton-proton scattering at 52.34 and 68.19 MeV 8-54641
Tamura, P.N. Multicolor image from superposition of rainbow holograms 8-58957
Tamura, P.N. Pseudocolor encoding of holographic images using a single wavelength 8-87025
Tamura, S. The sample preparation by using the oxygen-partial-pressure-controller and the application for $(\text{La}_{0.8}\text{Ca}_{0.2})\text{MnO}_{3+y}$ 8-73977
Tamura, S., Murakami, K. Chemorheology of irradiation-cured natural rubbers. III. Stress relaxation mechanisms in nitrogen at elevated temperatures 8-84884
Tamura, S. *see* Kishimoto, H. 8-62662
Tamura, S. *see* Natsume, H. 8-54841
Tamura, S. *see* Shimada, R. 8-50386
Tamura, T., Udagawa, T. Ground state correlation and the continuum spectra of (p,p') reactions 8-94007
Tamura, Y. *see* Makishima, A. 8-80502
Tamuzh, V.P., Tikhomirov, P.V., Yushanov, S.P. The fracture mechanism of materials having a heterogeneous structure 8-67127
Tamuzh, V.P. *see* Regel', V.R. 8-68781
Tan, B.T., Demaison, J., Rudolph, H.D. Microwave spectrum of 1,1'-dicyanoethene, Coriolis interaction 8-82721
Tan, B.T.G. Integrated circuit modules for digital logic teaching 8-81755
Tan, E., Foster, P.J. Radiation through a turbulent medium 8-94578
Tan, H.S. *see* Castner, T.G. 8-72393
Tan, K.L. *see* Tiu, C. 8-63459
Tan, K.O. *see* James, D.J. 8-50805
Tan, L.P. A partial open shell FSGO calculation on the triplet methylene abstraction reaction with the hydrogen molecule: $^3\text{CH}_2 + \text{H}_2 = \text{CH}_3 + \text{H}$ 8-80719
Tan, L.S. *see* Leong, M.S. 8-89499
Tan, S.H. *see* Ballard, R.V. 8-80975
Tan, T.N. *see* Dreyfus, C. 8-58695
Tan, T.Y. *see* Goodhew, P.J. 8-51551
Tan, W.P.S., Laing, E.W. Anomalous magnetic field reversal in laser-plasma interactions 8-87471
Tan Ha Vin *see* Ha Vin Tan
Tan Lu *see* Lu Tan
Tan-atichat, J. *see* Drubka, R.E. 8-59510
Tanabe, A., Morioka, T., Tsunoda, T., Ando, Y. Nuclear power plant diagnostic system using noise analysis 8-50279
Tanabe, A. *see* Ando, Y. 8-94062
Tanabe, K. Raman study of reorientational motion of liquid benzene 8-70841
Tanabe, K. *see* Uchida, S. 8-91685
Tanabe, M. *see* Qureshi, S. 8-65110
Tanabe, M. *see* Yamada, H. 8-52740
Tanabe, T., Adachi, H., Imoto, S. α cluster calculations for hydrogen chemisorption on nickel surfaces 8-72002
Tanabe, T., Miyata, Y., Imoto, S. Hydrogen permeation through nickel 8-66345
Tanabe, Y. Generation of stationary axisymmetric Einstein-Maxwell fields 8-86202
Tanabe, Y. SU(2,1) symmetry of the Einstein-Maxwell fields. II 8-93577
Tanabe, Y. Exact solutions of the stationary axisymmetric Einstein-Maxwell equations. III 8-93578
Tanabe, Y. *see* Fujiwara, T. 8-51868
Tanabe, Y. *see* Watanabe, T. 8-76279
Tanahashi, S. *see* Toi, K. 8-71527
Tanaka, A. *see* Sugiura, T. 8-80480
Tanaka, A. *see* Taguchi, Y. 8-58147
Tanaka, A. *see* Tanaka, S. 8-63434
Tanaka, C., Ohba, T. Stress relaxation data of 1Cr-0.5Mo-0.25V, 12Cr-1Mo-1W-0.25V, and 19Cr-9Ni-1.4Mo-1.4W-Nb bolting steels 8-60699
Tanaka, E. *see* Ikeda, S. 8-56714
Tanaka, E. *see* Tanaka, T. 8-83443
Tanaka, F. Phase transitions in Gaussian random fields. II. Ferromagnets in $d=4+\epsilon$ space dimensions 8-73954
Tanaka, F. *see* Ito, H. 8-66166
Tanaka, G., Kawamura, H. Measurement of ^{131}I in the human thyroid gland using a NaI(Tl) scintillation survey meter 8-80970
Tanaka, G. *see* Hoshikawa, M. 8-66939
Tanaka, H. Nuclear fuel cycle in Japan 8-86670
Tanaka, H., Ichiki, T., Uchiyama, Y. Seismic design for BWR plants in Japan 8-86652
Tanaka, H., Yagi, T., Tatsuzaki, I. Isotope effects on the central peak phenomena in $\text{KD}_3(\text{SeO}_3)_2$ 8-52518
Tanaka, H., Yagi, T., Tatsuzaki, I. Central peak in a slightly deuterated $\text{KH}_2(\text{SeO}_3)_2$ crystal studied by light scattering 8-64374
Tanaka, H. *see* Akaishi, Y. 8-54692
Tanaka, H. *see* Awaka, J. 8-85670
Tanaka, H. *see* Kawaguchi, M. 8-87434
Tanaka, H. *see* Nakaichi, S. 8-94349
Tanaka, H. *see* Srivastava, S.K. 8-90291
Tanaka, H. *see* Ueda, T. 8-90989
Tanaka, H. *see* Uegaki, E. 8-62511
Tanaka, H. *see* Watanabe, S. 8-49670
Tanaka, H. *see* Yukutake, T. 8-96127
Tanaka, I., Otsuki, T., Sato, K. In-depth analysis of surface layer of alloys with an emission spectroscopy 8-92570
Tanaka, K. Friction and wear of glass and carbon fiber-filled thermoplastic polymers 8-56783
Tanaka, K. Relativistic study of electromagnetic waves in the accelerated dielectric medium 8-81862
Tanaka, K. Measurement and analysis of magnetic field variation during a class 2b flare 8-89160
Tanaka, K. Self-diffusion coefficients of water in pure water and in aqueous solutions of several electrolytes with ^{18}O and ^2H as tracers 8-95169
Tanaka, K., Ishihara, M., Kamitsubo, H., Takahashi, N., Mizobuchi, A., Nojiri, Y., Minami-sono, T., Sugimoto, K. Spin polarization of ^{12}B in heavy-ion reaction $^{100}\text{Mo}(^{14}\text{N}, ^{12}\text{B})^{102}\text{Ru}$: spin polarization of light product and reaction mechanism of heavy ion collisions 8-50196
Tanaka, K., Iwahashi, Y. Longitudinal impact of a semi-infinite rectangular bar 8-90703
Tanaka, K., Matsuoka, S. The strength of JIS SNCM8 steel under combined alternating stresses 8-64690
Tanaka, K., Matsuoka, S. Fatigue strength of cross girder connections constructed with 9% Ni steel plate 8-64700
Tanaka, K., Tanaka, T. Laser microwave double resonance spectroscopy of OCS with a 9.4- μm CO_2 laser. Precise measurement of dipole moment in the 03'0 vibrational state 8-55191
Tanaka, K., Toyama, K. Computer-controlled visual stimulator for electrophysiological experiments 8-69230
Tanaka, K., Uemura, Y., Iwata, M. Effect of oxygen pressure on the voltage-controlled negative resistance of Al-AlN-Au devices 8-72281
Tanaka, K. *see* Hagiwara, T. 8-70329
Tanaka, K. *see* Hirose, Y. 8-92401
Tanaka, K. *see* Honjou, N. 8-74585
Tanaka, K. *see* Ito, N. 8-73971
Tanaka, K. *see* Kaneshima, S. 8-53589
Tanaka, K. *see* Kikukawa, M. 8-68795
Tanaka, K. *see* Matsuoka, S. 8-56745, 8-92317
Tanaka, K. *see* Minowa, J. 8-90602
Tanaka, K. *see* Morinaga, A. 8-55374
Tanaka, K. *see* Motoyama, C. 8-87259
Tanaka, K. *see* Nakajima, T. 8-92658
Tanaka, K. *see* Tachibana, A. 8-60087
Tanaka, K. *see* Taira, S. 8-64793
Tanaka, K. *see* Takahashi, K. 8-56683, 8-76688
Tanaka, K. *see* Tsai, C.L. 8-52012
Tanaka, M., Fukutani, H., Kuwabara, G. Stress-optical studies of VI B transition metal dichalcogenides 8-84606
Tanaka, M., Sakaki, T.A., Miyagawa, O. The deformation and fracture of austenitic heat-resisting steel with grain-boundary reaction nodules 8-80591
Tanaka, M., Takahashi, K. Correlation functions of a spin-one Ising system with bilinear and biquadratic interactions 8-91876
Tanaka, M., Yamagata, T., Iwamoto, K., Kishimoto, S., Sacki, S., Yuasa, K., Fukuda, T., Miura, I., Okada, K., Inoue, M., Ogata, H. Gross structure of deeply bound hole states in odd tin isotopes observed with the $(^3\text{He}, \alpha)$ reaction 8-93930
Tanaka, M. *see* Baltay, C. 8-70354
Tanaka, M. *see* Cnops, A.M. 8-78167
Tanaka, M. *see* Engler, A. 8-93875
Tanaka, M. *see* Johnson, S.A. 8-51261
Tanaka, M. *see* Kalelkar, M. 8-89700
Tanaka, M. *see* Kato, S. 8-78552
Tanaka, M. *see* Kobayashi, S. 8-65910
Tanaka, M. *see* Maeda, M. 8-74920
Tanaka, M. *see* Minami, T. 8-59762
Tanaka, M. *see* Nagano, K. 8-87054
Tanaka, M. *see* Naruse, T. 8-66936
Tanaka, M. *see* Nitta, T. 8-66995
Tanaka, M. *see* Takagi, N. 8-64148
Tanaka, M. *see* Yamagata, T. 8-66190
Tanaka, N. Conformational effects on glass transition temperature and relaxation phenomena of polymers 8-83925
Tanaka, N. *see* Hoffmann, G.W. 8-62674
Tanaka, N. *see* Uyeda, R. 8-83696
Tanaka, O. *see* Sato, T. 8-91887
Tanaka, R. *see* Mori, T. 8-95002
Tanaka, S. The $^9\text{Be}(d,t)^8\text{Be}$ and $^9\text{Be}(d,\alpha)^7\text{Li}$ reaction in the energy range from 12.17 MeV to 14.43 MeV 8-54770
Tanaka, S., Fukunaga, K., Kakigi, S., Ohsawa, T., Fujiwara, N., Yanabu, T. Elastic and inelastic scattering of deuterons by ^9Be in the energy range of 12.17 MeV to 14.43 MeV 8-89883
Tanaka, S., Kaibara, M., Tanaka, A. Decay and modification of trailing vortex 8-63434
Tanaka, S., Kunitomo, T. Numerical analysis of radiative-convective heat transfer from an extended surface by the Monte Carlo method. I. Finned plate surface 8-67005
Tanaka, S., Mizushima, K., Iida, S. Temperature dependence of EPR of Mn^{4+} and Cr^{3+} in rutile 8-76299
Tanaka, S. *see* Fukunaga, K. 8-54771
Tanaka, S. *see* Hatakoshi, G. 8-75004
Tanaka, S. *see* Kogitz, S. 8-70320
Tanaka, S. *see* Maekawa, T. 8-51290, 8-59628
Tanaka, S. *see* Matsumoto, H. 8-88038
Tanaka, S. *see* Mizushima, K. 8-64309
Tanaka, S. *see* Onabe, K. 8-76200
Tanaka, S. *see* Saiki, K. 8-80377
Tanaka, S. *see* Shibata, T. 8-54969
Tanaka, S. *see* Teramae, N. 8-66574
Tanaka, S. *see* Uchida, S. 8-76453, 8-91685
Tanaka, S. *see* Whitmore, J. 8-74289
Tanaka, S. *see* Yamashita, S. 8-66170
Tanaka, S.-i., Imoto, N., Umegaki, S. Self-imaging of a two-dimensional object by optical waveguides 8-87146
Tanaka, T. Dynamics of critical concentration fluctuations in gels 8-56921
Tanaka, T., Fujii, T. A statistical study on fatigue life distribution in long life region 8-72841
Tanaka, T., Hayashi, S., Hirabayashi, S., Shibayama, K. Thermal depolarization current study of polystyrene composites containing mica flakes 8-64316
Tanaka, T., Hirabayashi, S., Shibayama, K. Thermal depolarization current study of polypyrrolimide 8-52429
Tanaka, T., Ishizawa, Y., Bannai, E., Kawai, S. Fermi surface measurements of RbB_2 by the de Haas-van Alphen effect 8-84134
Tanaka, T., Shibayama, K. Low temperature relaxation in polypyrrolimide 8-71686
Tanaka, T., Tanaka, E. Experimental studies of a radial turbulent jet. III. Flow before an attachment point of attaching jet flow 8-83443
Tanaka, T. *see* Allen, G. 8-51447
Tanaka, T. *see* Aono, M. 8-63909
Tanaka, T. *see* Ieki, M. 8-78698
Tanaka, T. *see* Kitada, K. 8-92225
Tanaka, T. *see* Kitaoka, Y. 8-56397
Tanaka, T. *see* Kumabe, H. 8-74918
Tanaka, T. *see* Libelo, L.F. 8-52200
Tanaka, T. *see* Matsunami, H. 8-72727
Tanaka, T. *see* Mori, T. 8-95002
Tanaka, T. *see* Nakayama, H. 8-88528
Tanaka, T. *see* Okiji, A. 8-76331
Tanaka, T. *see* Oomura, E. 8-71111
Tanaka, T. *see* Shimizu, R. 8-78043
Tanaka, T. *see* Takebe, T. 8-64111
Tanaka, T. *see* Tanaka, K. 8-55191
Tanaka, W., Kodaira, K., Tsuji, T., Onaka, T., Nagai, T., Watanabe, T., Suemoto, Z., Yajima, N., Kono, T., Ota, S., Koma, Y. Infrared spectral observation of stars. II 8-61850
Tanaka, W. *see* Kodaira, K. 8-73713
Tanaka, Y., Hayakawa, M., Iwai, A., Okada, T., Satoh, M., Ohtsu, J. Preliminary report on the simultaneous observations of VLF emissions at Brorfelde (Denmark), Chambon-la-Forêt (France) and Moshiri 8-81509
Tanaka, Y., Kushida, T., Shionoya, S. Broadly tunable, repetitive, picosecond parametric oscillator 8-66866
Tanaka, Y., Sato, A., Mori, T. Stress assisted nucleation of α' precipitates in Fe-N single crystals 8-52810
Tanaka, Y. *see* Blecker, J.A.M. 8-85941
Tanaka, Y. *see* Hayakawa, M. 8-73586
Tanaka, Y. *see* Hirayama, Y. 8-65705
Tanaka, Y. *see* Ohashi, Y. 8-52913
Tanaka, Y. *see* Ojima, M. 8-52548, 8-92109
Tanaka, Y. *see* Sawamura, S. 8-61007
Tananbaum, H., Peters, G., Forman, W., Giacconi, R., Jones, C., Avni, Y. Uhuru observations of X-ray emission from Seyfert galaxies 8-93392
Tananbaum, H. *see* Lightman, A.P. 8-93407
Tanasawa, I., Funawatashi, Y., Ochiai, J. Experimental study on dropwise condensation—effect of maximum drop size upon the heat transfer coefficient 8-94559
Tanase, M. *see* Cenja, M. 8-94003
Tanase, S. *see* Takahashi, T. 8-67855, 8-79807
Tanaseichuk, S.Yu. *see* Vavilov, V.P. 8-72995

- Tanasescu, E.** Studies in non-grey stellar atmospheres on the convective transport of energy 8-73703
- Tanatarov, L.V.** *see* Slešov, V.V. 8-76653
- Tanczos, Zs.** On the physiological basis of the transition from the trichromatic to the tetrachromatic color scheme (the role of contrast processes in the coding of colors) 8-53406
- Tanczyt, E.I.** *see* Morris, W.A. 8-88829
- Tandberg-Hanssen, E.** *see* Nakagawa, Y. 8-85923
- Tandon, P.N., Kapoor, V.K.** A visco-elastic two chambered model for pressure estimation in ascending and descending aorta 8-77076
- Tandy, P.C.** *see* Benoist-Gueutal, P. 8-78330
- Tandy, P.C.** *see* L'Huillier, M. 8-62119
- Taneda, S.** Visual observations of the flow past a circular cylinder performing a rotatory oscillation 8-90915
- Taneichi, M.** *see* Ueha, S. 8-79171
- Taneja, O.P.** *see* Dawar, A.L. 8-72291
- Tanemoto, K., Nakamura, T.** ESR spectra of the molten MnCl_2 -KCl system 8-88173
- Tanemoto, K.** *see* Ohno, H. 8-63661
- Tanenbaum, W., Alam, M.S., Boyarski, A.M., Breidenbach, M., Feldman, G.J., Hanson, G., Jaros, J.A., Larsen, R.R., Luke, D., Luth, V., Lynch, H.L., Paterson, J.M., Perl, M.L., Peruzzi, I., Piccolo, M., Pun, T.P., Rapidis, P., Richter, B., Schindler, R.H., Schwitters, R.F., Siegrist, J., Vannucci, F., Trilling, G.H., Whitaker, J.S., Abrams, G.S., Chinowsky, W., DeVoe, R.G., Friedberg, C.E., Goldhaber, G., Johnson, A.D., Kadyk, J.A., Madaras, R.J., Nguyen, H.K., Pierre, F.M., Sadoulet, B., Wiss, J.E.** Radiative decays of the $\psi(3684)$ into high-mass states 8-66113
- Tanenbaum, W.** *see* Jaros, J.A. 8-50042
- Tanenbaum, W.** *see* Peruzzi, I. 8-74252
- Taner, M.F., Bertrand, J., Sarp, H.** On the presence of a peculiar carbonate associated with spurrite, rustumite and hillebrandite in a limestone-granite contact zone near İkizdere (eastern Pontides, Turkey) 8-69339
- Tanes, Y.** *see* Bier, K. 8-90652
- Tang, C.P.** *see* Ko, N.W.M. 8-59197
- Tang, D.** *see* Hudson, J.L. 8-51172
- Tang, D.D.** Memory-correlator cells employing acoustically induced charge hologram in piezoelectric semiconductors 8-86290
- Tang, H.** *see* Van Den Boomgaard, T. 8-85206
- Tang, H.C., Torrie, B.H.** Raman scattering study of the low temperature phase of ammonium nitrate 8-84568
- Tang, H.H.K.** *see* Cheuck-Yin Wong 8-49780
- Tang, J.T.** *see* DiVergilio, W.F. 8-51313
- Tang, K.T., Toennies, J.P.** A simple theoretical model for the Van der Waals potential at intermediate distances. II. Anisotropic potentials of He-H_2 and Ne-H_2 8-74728
- Tang, K.T.** *see* Choi, B.H. 8-78768, 8-78786
- Tang, K.T.** *see* Shan, Y. 8-80722
- Tang, S.P., Wicke, B.G., Frichtenicht, J.F.** Studies of the chemiluminescent reaction $\text{Ho} + \text{N}_2\text{O} \rightarrow \text{HoO}^* + \text{N}_2$ 8-76847
- Tang, S.Y.** *see* Neynaber, R.H. 8-70911
- Tang, W.M.** Microinstability theory in Tokamaks 8-75292
- Tang, W.M.** *see* Cohen, B.I. 8-87446
- Tang, W.M.** *see* Koch, R.A. 8-71471
- Tang, W.M.** *see* Rewoldt, G. 8-91094
- Tang, Y.C.** Resonating-group calculations in light systems 8-54704
- Tang, Y.C.** *see* Stubeda, D.J. 8-50159, 8-50168
- Tang, Y.K., Skaggs, R.W.** Experimental evaluation of theoretical solutions for subsurface drainage and irrigation 8-61465
- Tang, Y.-N.** *see* Min, B.K. 8-85146
- Tang Cha-Mei** *see* Cha-Mei Tang
- Tang Chia-Yong** *see* Yang Fu-chia 8-70711
- Tang Chung-Muh** *see* Chung-Muh Tang
- Tang Xiao-Wei** *see* Chang Ying-Ping 8-86740
- Tanga, A.** *see* Baldacchini, G. 8-66926
- Tange, H., Tokunaga, T., Goto, M.** Magnetic moment and Curie point of disordered Ni-Mn alloys 8-76243
- Tange, T., Inoue, S., Itoh, K., Nishikawa, K.** Anomalous transport due to electromagnetic fluctuations across a magnetic field 8-94899
- Tange, T.** *see* Anderson, D. 8-83591
- Tange, T.** *see* Inoue, S. 8-94898, 8-94901
- Tange, T.** *see* Irie, H. 8-94900
- Tange, T.** *see* Shigeta, M. 8-94902
- Tangena, A.G., Middelhoek, J., de Rooij, N.F.** Influence of positive ions on the current-voltage characteristics of MOS structures 8-64117
- Tanganon, G.L., Barnoski, M.K.** Wideband thin film modulators for optical communications 8-63206
- Tani, C., Ueno, T.** New electrothermo-optic effect in a certain smectic liquid crystal with a pleochroic dye added 8-87611
- Tani, C.** *see* Kondo, M. 8-79119
- Tani, J.** Influence of axisymmetry initial deflections on the thermal buckling of truncated conical shells 8-79240
- Tani, J., Doki, H.** Vibration and buckling of fluid-filled cylindrical shells under torsion 8-79253
- Tanibayashi, M.** Motion of dislocations in NaCl and KCl crystals in micro-plastic region 8-91341
- Tanie, K., Tachi, S., Komoriya, K., Abe, M.** Sensation magnitude for energy of electrocutaneous stimulation and just noticeable difference 8-53573
- Tanielian, M., Fritzsche, H., Tsai, C.C., Symbal, E.** Effect of adsorbed gases on the conductance of amorphous films of semiconducting silicon-hydrogen alloys 8-88048
- Tanifuji, M.** *see* Ohnishi, H. 8-62550
- Tanifuji, T., Ikeda, M.** Simple method for measuring material dispersion in optical fibres 8-63174
- Tanifuji, T.** *see* Nasu, S. 8-51577
- Tanifuji, T.** *see* Nosu, S. 8-51594
- Tanigaki, M.** *see* Tada, Y. 8-89476
- Tanigawa, S.** *see* Doyama, M. 8-55792
- Tanigawa, Y.** *see* Mizoguchi, K. 8-87282
- Taniguchi, H.** *see* Momma, N. 8-91350
- Taniguchi, K.** Graphical technique to determine minority carrier lifetime and surface generation velocity using triangular-voltage sweep C-V method 8-95378
- Taniguchi, M., Narita, S.-i., Hasegawa, N., Kobayashi, M.** Formations of D^- complexes and D^- band in germanium 8-84251
- Taniguchi, M.** *see* Wakiyama, M. 8-52784
- Taniguchi, S.** *see* Kobayashi, T. 8-52777
- Taniguchi, S.** *see* Susa, K. 8-53199
- Taniguchi, T., Tagashira, H., Sakai, Y.** Boltzmann equation analysis of the electron swarm development in nitrogen 8-79487
- Taniguchi, T.** *see* Imazu, S. 8-83634
- Taniguchi, Y.** *see* Oka, M. 8-84843
- Taniguchi, Y.** *see* Suzuki, H. 8-92329
- Taniguchi, I.** *see* Nagamiya, S. 8-54790
- Tanikawa, Y., Saito, T.** Dual models of weak interactions of leptons and quarks 8-66070
- Tanimizu, S.** *see* Fukuzawa, T. 8-60510
- Tanimoto, H., Abe, Z.** Noise reduction of second-harmonic-type magnetic modulators by increased driving amplitude and frequency 8-70168
- Tanimoto, M.** *see* Ezawa, Y. 8-93888
- Tanimoto, M.** *see* Hashimoto, K. 8-92656
- Tanimoto, M.** *see* Takozawa, Y. 8-56370
- Tanimoto, M.** *see* Wakaizumi, S. 8-66155, 8-66155
- Tanimoto, M.** *see* Yokozawa, Y. 8-76298
- Tanimoto, Y., Itoh, M.** Excited-state interaction of m-aminoacetophenone with t-amyl alcohol 8-78737
- Tanimoto, Y.** *see* Itoh, M. 8-84630
- Tanimura, K.** The H-center interaction with a Rb^+ ion during irradiation and thermal annealing in KBr 8-75662
- Tanimura, K.** Electronic structure of the relaxed exciton trapped by an alkali impurity in KBr 8-95269
- Tanimura, K., Okada, T.** Effects of Na^+ impurity on the self-trapped hole in KBr crystals 8-67982
- Tanimura, K.** *see* Kawai, T. 8-76868
- Tanimura, O.** Study of fusion cross-section in ^{12}C - ^{12}C scattering by the folding model 8-89893
- Tanimura, O., Tazawa, T.** Induced rotation in the collision process of ^{12}C on ^{12}C 8-89903
- Tanimura, O.** *see* Imanishi, B. 8-54782
- Tanis, J.A., Shafroth, S.M.** Target-thickness dependence of radiative electron capture in heavy-ion collisions 8-58778
- Tanis, J.A., Shafroth, S.M.** Projectile fluorescence yields in heavy ion collisions 8-74751
- Tanisho, S.** *see* Wakao, N. 8-87386
- Taniuchi, T., Kudo, M., Mushiaki, Y.** Coupling characteristics between optical slab waveguides with gradual distribution of refractive index 8-75000
- Taniuti, T.** *see* Hasegawa, A. 8-91109
- Taniuti, T.** *see* Kodama, Y. 8-73925
- Tanizaki, Y.** *see* Hiratsuka, H. 8-50563
- Tanji, T., Hashimoto, H.** Optical selected-area diffraction patterns of high-resolution electron-microscope images for crystal analysis 8-55789
- Tanji, Y.** Anomalous properties of Fe-Ni (FCC) alloys at high temperatures and a new phase 8-80520
- Tank, W.G.** *see* Kreiss, W.T. 8-85751
- Tankada, S.** *see* Asada, S. 8-85262
- Tankeev, A.P.** *see* Dichenko, A.B. 8-68214
- Tannenwald, P.E.** *see* Fetterman, H.R. 8-77958
- Tanner, B.K.** Quantitative reflectivity measurements 8-49624
- Tanner, B.K.** *see* Safa, M. 8-88139
- Tanner, B.K.** *see* Sery, R.S. 8-64215
- Tanner, B.K.** *see* Smith, R.L. 8-84413
- Tanner, B.K.** *see* Smith, S.R.P. 8-91205
- Tanner, B.K.** *see* Corner, W.D. (editor) 8-84115
- Tanner, D.B.** *see* Russell, N.E. 8-56465, 8-56466
- Tanner, D.R.** Underwater detection of mobile sand grains 8-96192
- Tanner, G.** Simple oscilloscope beam splitter 8-77884
- Tanner, J.E.** Transient diffusion in a system partitioned by permeable barriers. Application to NMR measurements with a pulsed field gradient 8-91986
- Tanner, J.T.** *see* Friedman, M.H. 8-85241
- Tanner, L.E.** Physical properties of Ti-Be-Si glass ribbons 8-95767
- Tanner, L.E.** *see* Hasegawa, R. 8-60239
- Tanner, L.H.** A study of the optics and motion of oil droplets 8-67893
- Tanner, N.W.** *see* Pedroni, E. 8-66321
- Tanner, R.I.** *see* Boger, D.V. 8-91037
- Tanner, R.I.** *see* Phan-Thien, N. 8-51206
- Tanner, R.I.** *see* Reddy, K.R. 8-79349
- Tanner, R.L., Marlow, W.H.** Size discrimination and chemical composition of ambient airborne sulfate particles by diffusion sampling 8-69528
- Tanner, R.W.** *see* Beals, C.S. 8-65516
- Tannhauser, D.S.** Control and measurement of stoichiometry in oxides 8-51694
- Tannous, N.B.J.** *see* Wojciechowski, H. 8-78411
- Tanooka, H., Munakata, N.** Mutagenic effect of tritiated water on spores of *Bacillus subtilis* 8-80928
- Tanoue, H.** *see* Hayashi, M. 8-55662
- Tanoue, K.** Mechanical equation of state in molybdenum 8-91375
- Tanovic, L.** *see* Whitton, J.L. 8-59843
- Tanska-Krupa, V.** *see* Alikov, B.A. 8-82562
- Tanski, W.J.** A configuration and circuit analysis for one-port SAW resonators 8-63258
- Tansley, B.W., Boynton, R.M.** Chromatic border perception: the role of red- and green-sensitive cones 8-69091
- Tansley, B.W., Glushko, R.J.** Spectral sensitivity of long-wavelength-sensitive photoreceptors in dichromats determined by elimination of border percepts 8-69092
- Tantot, G., Joubert, P., Bougon, R.** Structural study of chloryl fluoride in the solid phase 8-83788
- Tanttila, W.H.** Self-diffusion of solid sodium 8-51722
- Tanttila, W.H.** Melting of solids and glasses 8-87772
- Tanuma, S., Inada, R., Onuki, Y., Ishizawa, Y.** Anomalous magnetoresistance in 1T-TaS₂ 8-72173
- Tanuma, S.** *see* Koike, Y. 8-91827
- Tanuma, S.** *see* Suzuki, M. 8-56177
- Tanzer, F.** *see* Hauser, J. 8-71510
- Tao, C.** *see* Gordon, B.A. 8-82216
- Tao, S.J.** Parameters used for Doppler broadening spectra of positron annihilation γ -rays 8-72630
- Tao Huang** *see* Huang Tao
- Tao Li-juen** *see* Sun Jin-jun 8-58006
- Tao Nguyen Van** *see* Van Tao Nguyen
- Tapakoudes, A.M., Lindsay, P.A.** Some observations on the interference pattern generated by side-illuminated optical fibres 8-50914
- Tapia, O.** Some remarks on the SCRF theory of solvent effects and the calculation of proton potentials 8-58608
- Tapia, O., Allavena, M., Larzilliere, M.** An ab-initio study of the molecular structure and properties of HPO 8-62713
- Tapia, O., Poulain, E., Sussman, F.** Environmental effects on second order perturbation energy 8-58609
- Tapia, O.** *see* Constanciel, R. 8-74593
- Taplin, V.M.** *see* Cunningham, S.L. 8-71961
- Taplin, D.M.R., Smith, R.F.** Fracture during superplastic flow of industrial Al-Mg alloys 8-60729
- Taplin, D.M.R.** *see* Collins, A.L.W. 8-64674, 8-95803
- Taplin, D.M.R.** *see* Gandhi, C. 8-60823
- Taplin, D.M.R.** *see* Knapper, C.K. 8-77645
- Taplin, D.M.R.** *see* McLean, D. 8-56776
- Taplin, D.M.R. (editor)** Fourth International Conference on Fracture 8-56763
- Taplin, J.H.** Comment on the statistical interpretation of heterogeneous reaction-kinetics 8-60987
- Tappa, R.** *see* Antonini, B. 8-68339, 8-95595
- Tappa, R.** *see* Borghese, C. 8-76781
- Tappa, R.** *see* Rosenberg, M. 8-52317
- Tappert, F.D.** *see* Dozier, L.B. 8-50981, 8-87179
- Tapscott, R.E., Marcovich, D.** Enumeration of permutational isomers: the porphyrins 8-93501
- Taquet, B.** *see* Bardet, R. 8-70634
- Taqi Khan, M.M.** *see* Khan, B.T. 8-92065
- Taraba, O.** *see* Matal, O. 8-54849
- Tarabrov, V.V.** *see* Anokhov, S.P. 8-50829
- Tarafdar, S.P.** On the two-phase model and the intercloud wind 8-85991
- Tarafdar, S.P.** On the temperatures of diffuse interstellar clouds 8-93385
- Tarafdar, S.P., Fox, P.W.** Comparison of TD1-fluxes with those from model-atmosphere including OH-opacity 8-73700

- Taragin, M.F.** Simple digital based triangle wave generator for Mossbauer spectroscopy 8-55113
- Taragin, M.F.** A computer compatible conversion for printing multichannel analyzers 8-90036
- Tarakanov, A.V.** *see* Kuznetsov, V.I. 8-57926
- Tarakanov, E.A.** *see* Smolenskii, G.A. 8-68055
- Tarakanov, O.G.** *see* Simonovskii, F.I. 8-87807
- Tarakanov, S.V.** *see* Gol'tsiker, A.D. 8-51227
- Tarakanov, V.P.** *see* Alterkop, B.A. 8-75341, 8-75367, 8-75375
- Taran, J.-P.** Coherent anti-Stokes Raman spectroscopy 8-86980
- Taran, Yu.N.** Theory of multiphase solidification of alloys 8-95740
- Tararenko, V.B.** *see* Kravchenko, V.I. 8-59051
- Taranko, A.R.** *see* Tomkiewicz, Y. 8-51979, 8-88190
- Taranko, E.** The influence of the surface potential barrier on photofield emission from metals 8-60551
- Taranov, V.B.** *see* Davydova, T.A. 8-59591
- Tarantolo, P.J., Jr.**, Unterberger, R.R. Radar detection of boreholes in advance of mining 8-96305
- Tarantov, Yu.A.**, Baraban, A.P., Konorov, P.P., Andreev, M.N. Influence of mechanical deformation on current-voltage characteristics of a semiconductor-electrolyte contact 8-68082
- Tarantov, Yu.A.**, Kas'yanenko, E.V., Konorov, P.P. Effect of fluorine ions on the properties of the silicon-silicon-nitride interface 8-64141
- Tararin, V.N.** *see* Mironov, B.P. 8-94545
- Taras, P.**, Rao, G.R., Azuelos, G. Fine structure in the fusion cross section for $^{16}\text{O}+^{12}\text{C}$ 8-89928
- Taras, P.** *see* Azuelos, G. 8-50167, 8-55114
- Taras, P.** *see* Haas, B. 8-54675
- Tarascon, J.M.** *see* Kasaya, M. 8-91842
- Tarasenko, A.S.** *see* Gladikh, P.I. 8-78875
- Tarasenko, G.N.** *see* Moiseev, V.N. 8-56711
- Tarasenko, L.G.** Cassette film camera with rapidly produced colour film pictures 8-93780
- Tarasenko, V.F.** *see* Fedorov, A.I. 8-50764
- Tarasenko, V.L.** *see* Kalinin, V.A. 8-95896
- Tarasenko, V.V.** *see* Bespyatykh, Yu.I. 8-76235
- Tarasevich, V.N.** *see* Shcherban', A.N. 8-59285
- Tarasik, M.I.**, Yanchenko, A.M. Change in the ionization energy of A centres in silicon due to uniaxial deformation 8-71733
- Taraskin, S.A.**, Strukov, B.A., Fedorikhin, V.A., Belugina, N.V., Meleshina, V.A. Influence of large γ -ray doses on thermal properties of triglycine sulphate crystals 8-67737
- Taraskin, S.A.** *see* Ostrovskii, B.I. 8-91250
- Tarasov, A.I.** *see* Kapinos, V.M. 8-67198
- Tarasov, A.V.** *see* Azhgirei, L.S. 8-78394
- Tarasov, A.V.** *see* Azhgirei, L.S. 8-89727
- Tarasov, A.V.** *see* Pak, A.S. 8-94028
- Tarasov, B.V.** *see* Kisilenko, N.G. 8-84960
- Tarasov, G.G.** *see* Dykman, M.I. 8-79075
- Tarasov, M.A.** *see* Potemkin, V.V. 8-64229
- Tarasov, N.A.** *see* Davydov, A.E. 8-94851
- Tarasov, O.V.** *see* Kallos, R.E. 8-62142
- Tarasov, R.V.** *see* Strashinskii, A.G. 8-88687
- Tarasov, S.G.**, Tsvankin, D.Ya., Godovski, Yu.K. Structural changes during deformation of oriented and isotropic butadiene-styrene block copolymers 8-88512
- Tarasov, V.A.** *see* Mitin, A.V. 8-68056, 8-88162
- Tarasov, V.A.** *see* Pupko, V.Ya. 8-66328
- Tarasov, V.F.** *see* Zashkvara, V.V. 8-78896
- Tarasov, V.I.** *see* Kolesnikov, N.N. 8-54718
- Tarasov, V.I.** *see* Zaitsev, V.K. 8-72556, 8-91714
- Tarasov, V.P.**, Privalov, V.I., Buslaev, Yu.A. Spin relaxation and magnetic shielding of ^{93}Nb nuclei in $[\text{NbCl}_4\text{Br}_6]^-$ anions 8-58723
- Tarasov, V.P.** *see* Gur'ev, A.V. 8-88505
- Tarasov, Yu.V.** *see* Grishin, A.M. 8-71924
- Tarasyova, L.N.** *see* Sautkin, N.I. 8-80534
- Tarasyova, L.V.** Production of high-speed charged particles in an electric discharge in a gas of varying density 8-51381
- Tarasyova, T.N.** *see* Larionov, V.P. 8-67589
- Tarasyuk, I.I.** *see* Gavalleshko, N.P. 8-76095
- Tarasyuk, V.G.** *see* Bulanzhe, Yu.D. 8-69274
- Taraszkiewicz, R.**, Soszka, W. Plasma and vapor jets from imploding silver cylinders 8-75400
- Taratorkin, B.S.** *see* Aristov, E.M. 8-75238
- Taravel, B.** *see* Lorenzelli, V. 8-62953
- Tarazona, P.** *see* Navascues, G. 8-59724
- Tarbaev, N.I.** *see* Grin, V.F. 8-72486
- Tarbit, I.** Analysis instrumentation in clinical enzymology 8-88675
- Tarczy-Hornoch, Z.**, Nickel, W. Microprocessor control in digital multimeters 8-93721
- Tardy, D.C.** *see* Malins, R.J. 8-80714
- Tardy, H.L.** *see* Gieraltowski, G.F. 8-58561
- Tareen, J.A.K.** *see* Viswanathiah, M.N. 8-91283
- Tareeva, E.E.** A microscopic approach to the theory of structural phase transitions 8-51460
- Tareeva, E.E.**, Shchelkacheva, T.I. Orientational ordering in molecular hydrogen. III. Phase transition of the first kind 8-63857
- Taren, D.** *see* Ewy, G.A. 8-57056
- Tarengi, M.** *see* Boksenberg, A. 8-96540
- Tarenkov, V.Yu.** *see* Svistunov, V.M. 8-52154
- Targova, Y.P.** *see* Zidarov, D.P. 8-81420
- Tarjan, P.P.** The performance of implantable pacing leads—a status report 8-57135
- Tarkhov, G.N.** *see* Gurevich, E.B. 8-59061
- Tarkhova, T.N.**, Chuprunov, E.V., Simonov, M.A., Belov, N.V. Crystal structures of the isocyanates of Group IV elements. II. Determination and refinement of the structure of triphenyl tin isocyanate (C_6H_5)₃SnNCO 8-67704
- Tarkoy, R.J.** *see* Atkinson, R.H. 8-96313
- Tarlakov, Yu.V.** *see* Stepanov, V.G. 8-56025, 8-63905
- Tarle, G.**, Ahlen, S.P., Cartwright, B.G. Measurement of the isotopic composition of the iron-group elements in the galactic cosmic radiation 8-89024
- Tarle, G.**, Solarz, M. Evidence for higher-order contributions to the stopping power of relativistic iron nuclei 8-78599
- Tarlini, M.** *see* Cecchini, R. 8-93829
- Tarn, A.C.** *see* Yin-Kang Hsieh 8-50486
- Tarnig, M.L.** Carrier transport in oxygen-rich polycrystalline-silicon films 8-80076
- Tarnig, M.L.**, Fisher, D.G. Auger depth profiling of thick insulating films by angle lapping 8-53287
- Tarnig, M.L.** *see* Pankove, J.I. 8-51677
- Tarnoczi, T.**, Nagy, I., Hargitai, C., Hosso, M. The role of Fe₂B compound in the crystallization of Fe-B metallic glasses 8-94997
- Tarnoczi, T.**, Nagy, I., Hosso, M. High temperature magnetic analysis of metallic glasses 8-91258
- Tarnopol'skii, A.G.**, Shnaidman, V.A. The structure of the baroclinic planetary boundary layer of the atmosphere 8-81326
- Tarnopolsky, G.J.** *see* Clark, A.G. 8-89751, 8-89759
- Tarnoveanu, I.** *see* Sandulescu, A. 8-62513, 8-66223
- Tarocinski, Z.** *see* Lafta, H. 8-71591
- Tarricone, L.** *see* Romeo, N. 8-71200, 8-67172
- Tarshis, M.A.**, Fedotov, N.S. Main evidence of the active transport of carbohydrates into the membrane vesicles of the cells of *Acholeplasma laidlawii* 8-64965
- Tarski, J.** *see* Blanchard, P. 8-81882
- Tartaglia, M.** *see* Cutts, D. 8-78380
- Tartaglia, P.** *see* D'Arrigo, G. 8-79669
- Tartakovskaya, I.Kh.** *see* Palatnik, L.S. 8-75950
- Tartakovskii, I.I.** *see* Broude, V.L. 8-52504
- Tartakovskii, V.K.** *see* Fursaev, A.V. 8-58265
- Tartakovsky, M.B.**, Kaplunovsky, A.S. Automatic system protecting against diagnostic errors resulting from wrong chest electrode placement in computerized ECG interpretation 8-81052
- Tarter, C.B.** *see* Post, D.E. 8-83534
- Tarter, J.C.** Brown dwarfs and black holes 8-61879
- Tarter, J.G.** *see* Hulett, L.D. 8-80817
- Taruishi, K.** Logarithmic energy decreases in the interacting boson model 8-93955
- Tarusov, B.N.** *see* Kochetov, Yu.V. 8-77160
- Tarutani, Y.**, Kawabe, U. Nb₃In and Mo₃Sn thin films with A-15 type structure 8-80478
- Tarvainen, M.** *see* Holmberg, P. 8-70520
- Tarvin, J.A.** *see* Cox, D.E. 8-88076
- Tarzmanov, A.A.**, Sal'manov, R.S. Thermal conductivity of compressed air at temperatures to 1200K 8-75249
- Tasa, K.S.** *see* Attrep, M., Jr. 8-53234
- Tasai, K.** *see* Takagi, N. 8-64148
- Tasaka, S.** *see* Fuchi, H. 8-70521
- Tasaki, A.** *see* Akoh, H. 8-68152
- Tasaki, A.** *see* Kawanishi, S. 8-76288
- Tascon, R.** *see* Kalnay, A.J. 8-54180, 8-77701
- Tashchilova, E.M.**, Sharovarov, G.A. Criteria for evaluating the nonequilibrium of a dissociating coolant in transient processes 8-58345
- Tashima, M.M.** *see* Feng, M. 8-64483
- Tashiro, M.** *see* Ito, S. 8-53005
- Tashiro, M.** *see* Yumura, S. 8-88685
- Tashiro, T.** *see* Noda, H. 8-66173
- Tashkova, M.G.** *see* Kandilarov, B.D. 8-64100
- Tashkun, A.P.** *see* Vetokhin, S.S. 8-58039
- Tashpulatov, B.M.**, Vettegren', V.I., Novak, I.I. Manifestation of local vibrations of dislocations in infrared spectra of crystals 8-88339
- Tashlykov, I.S.** *see* Komarov, F.F. 8-59828
- Taska, J.** *see* Powell, H.T. 8-63085
- Tasker, G.W.**, French, W.G., Simpson, J.R., Kaiser, P., Presby, H.M. Low-loss single-mode fibres with different B₂O₃-SiO₂ compositions 8-71199
- Tasker, I.R.** *see* Bahia, A.M. 8-92509
- Tasman, H.A.**, Schmidt, H., Richter, J., Campana, M., Fayl, G. The TRESON experiments: measurement of temperature profiles in nuclear fuels by means of ultrasonic thermometers 8-57955
- Tassan, S.** Experimental determination of neutron capture cross sections of structural materials for fast reactors integrated over the intermediate energy region 8-82355
- Tasso, M.**, Mulser, P. Stability of plasmas held by radiation pressure 8-71526
- Tassoni, D.**, Riquet, J.P., Durand, F. Determination of the crystallographic direction of Al₃Ni dendrite facets by scanning electron microscopy 8-87893
- Tatarchenko, V.A.**, Brantov, S.K., Abrosimov, N.V. Production of silicon plates by crystal pulling by the Stepanov method 8-52655
- Tatarek, R.** *see* Gallinaro, G. 8-86383
- Tatarenko, L.N.** *see* Belyaev, L.M. 8-52445
- Tatarinova, N.V.**, Novikov, N.E. Atmospheric effects on the dielectric strength of a vacuum gap with processed electrodes 8-51389
- Tatarintsev, V.M.** *see* Ermakovich, K.K. 8-72409
- Tatarintsev, V.M.** *see* Katsnel'son, A.A. 8-71728
- Tatarly, V.** *see* Nilisk, A. 8-52532
- Tatarskii, V.I.** *see* Ostashev, V.E. 8-73862
- Tatchell, D.G.** *see* Markatos, N.C.G. 8-79312
- Tate, A.** A new approach to the theory of plastic deformation 8-63316
- Tate, A.** *see* Inoue, K. 8-63414
- Tate, D.C.** An at-sea system for the prediction of underwater sound propagation 8-69552
- Tateishi, K.** *see* Sakata, M. 8-92352
- Tateishi, T.**, Shirasaki, Y., Miyana, Y. A mechanical model of bone with application to the human upper tibia 8-88724
- Tatekura, K.**, Itoh, K., Matsumoto, T. Techniques and formulations for mode coupling of multimode optical fibers 8-66902
- Tatekura, K.**, Itoh, K., Matsumoto, T. Nylon buffering effects in multimode optical fibres 8-71207
- Tatewaki, T.** Analysis of hot particles from the nineteenth Chinese nuclear test explosion by Ge(Li) gamma-ray spectrometry 8-82519
- Tati, T.** On the degree of freedom in quantum field theory: cutoff and space-time structure 8-66031
- Tatibouet, J.** *see* Mai, C. 8-87677
- Tatischeff, B.**, Brissaud, I., Frascaria, R., Morlet, M., Reide, F., Beurtey, R., Boudard, A., Escudie, J.L., Garcon, M., Schecter, L., Tabet, J.P., Terrien, Y. Search for a Δ^{++} presence in the ^3He nucleus by means of the $^3\text{He}(p,\Delta^{++})$ reaction 8-82345
- Tatischeff, B.** *see* Auld, E.G. 8-78382
- Tatischeff, B.** *see* Couvert, P. 8-78383
- Tatnall, F.G.** Compatibility: nondestructive testing and experimental mechanics 8-53181
- Tatone, O.S.**, Pathania, R.S. Steam generator tube failures: Experience with water-cooled nuclear power reactors during 1976 8-54826
- Tatsenko, O.M.**, Druzhinin, V.V., Pavlovskii, A.I., Samokhvalov, A.A., Loshkareva, N.N. Rotation of the plane of polarization in EuO subjected to very high magnetic fields 8-92054
- Tatsumi, T.** Renormalization-group transformation of three-dimensional Ising models 8-62163
- Tatsumi, T.** Renormalization-group approach to spin glass transition of a random bond Ising model in two- and three-dimensions 8-68275
- Tatsumi, T.** Monte Carlo simulation for random mixtures of a three-dimensional Ising site model. I 8-73935
- Tatsumi, T.** Monte Carlo simulation for random mixtures of a three-dimensional Ising site model. II 8-73936
- Tatsumi, T.** *see* Takatsuka, T. 8-89813
- Tatsumi, Y.**, Hirata, M., Shigi, M. Measurement of Young's modulus in amorphous silicon whiskers 8-83865
- Tatsumi, Y.**, Hirata, M., Shigi, M. Visual observation of whisker growth in amorphous silicon 8-84112
- Tatsumoto, M.** Isotopic composition of lead in oceanic basalt and its implication for mantle evolution 8-65217
- Tatsuta, L.** *see* Nishi, I. 8-88756
- Tatsuzaki, I.** *see* Kawashima, R. 8-72473
- Tatsuzaki, I.** *see* Tanaka, H. 8-52518, 8-64374
- Tatsuzaki, I.** *see* Yagi, T. 8-52522
- Tatsuzaki, I.** *see* Yamashita, H. 8-52456
- Tatulyan, S.A.** *see* Malev, V.V. 8-69023
- Tatum, J.B.** *see* Danylewych, L.L. 8-85909
- Tatur, S.** *see* Katz, J. 8-66110
- Tau, S.** *see* Behar, M. 8-70707
- Taub, A.H.** Relativistic fluid mechanics 8-59507
- Taub, H.**, Danner, H.R., Sharma, Y.P., McMurry, H.L., Brugger, R.M. Neutron scattering study of the structure and dynamics of butane adsorbed on graphite 8-87870
- Taubenblatt, M.**, So, E., Sih, P., Kahn, A., Mark, P. Atomic structure of the annealed Ge(111) surface 8-75916

- Tauber, A.**, Savage, R.O., Jr., Collins, T., Mitchell, J., Shappirio, J.R., Eckart, D.W. Fine particle Li-ferrite for APS millimeter-wave phase shifter 8-64469
- Tauber, G.**, Grabke, H.J. Grain boundary segregation of sulfur, nitrogen, and carbon in α -iron 8-72778
- Tauber, G.E.** Expanding Universe with bulk and shear viscosity in conformally flat coordinates 8-96575
- Tauber, M.V.** see Podyminogin, A.A. 8-67402
- Taubes, C.H.** Solution of the almost-Killing equation and conformal almost-Killing equation in the Kerr spacetime 8-65830
- Tauc, J.** see Hauser, E. 8-68574
- Tauc, J.** see Hauser, T.J. 8-68006
- Tauc, J.** see Hayes, T.M. 8-55815
- Tauc, J.** see White, J.O. 8-83045
- Tauchert, T.R.** A residual method with Lagrange multipliers for transient heat conduction problems 8-90630
- Taulbee, D.B.** Simultaneous diffusion and sedimentation of aerosol particles from Poiseuille flow in a circular tube 8-59463
- Taulbee, D.B.** see Rushmore, W.L. 8-79378
- Taulbjerg, K.** see Briggs, J.S. 8-74736
- Taulbjerg, K.** see Meyerhof, W.E. 8-82834
- Taulor, G.N.** see Smith, J.M. 8-80983
- Taunt, R.J.** see Charnock, W. 8-80680
- Taupin, D.** see Klemm, M. 8-64254
- Taur, Y.**, Kerr, A.R. Low-noise Josephson mixers at 115 GHz using recyclable point contacts 8-62224
- Taure, L.F.** see Balode, D.P. 8-52103
- Taurel, L.** see Buisson, J.P. 8-64370, 8-92073
- Taurel, L.** see Lefrant, S. 8-52492
- Taurian, O.** see Flouquet, J. 8-88094
- Tausch, P.J.** see Newrock, R.S. 8-56130
- Tauscher, L.** see Beetz, R. 8-54806, 8-66200
- Tauscher, L.** see Poth, H. 8-70979
- Tauscher, L.** see Suffert, M. 8-54642
- Tausend, A.** see Meissner, M. 8-95162
- Taussig, R.T.** see Quimby, D.C. 8-70641
- Taussig, R.T.** see Rose, P.H. 8-54980
- Tauth, T.** Ion trajectories calculation in a three dimensional beam subjected to a space charge 8-82902
- Tautz, M.** see Conetti, S. 8-93905
- Tautz, M.** see Hartmann, J. 8-62460
- Tavan, P.**, Schulten, K. The 'phantom' photochemical singlet state of stilbene and its diphenylpolyene relative 8-73058
- Tavano, F.** see Cavallini, F. 8-54828
- Tavanov, E.G.**, Naminov, V.L. Measurement of integral coefficients of reflection of high-current electron beams from metals 8-84690
- Tavantzis, J.**, Matkowsky, B.J., Reiss, E.L. On the smooth transition to convection 8-83396
- Tavares, M.H.** see da Silva Horta, J. 8-96073
- Taveras, J.M.** see Subramanyam, R. 8-65108
- Tavernier, S.** see Ajinenko, I.V. 8-58206
- Tavernier, S.** see Benot, M. 8-86731
- Tavernier, S.** see Granet, P. 8-93913
- Tavkhelidze, A.N.** see Chetyrkin, K.G. 8-62413
- Tavkhelidze, A.N.** see Ignatiev, A.Yu. 8-66072
- Tavshunskii, G.A.** see Kaipov, B. 8-72565
- Tavskunskii, G.A.** see Kaipov, E. 8-84615
- Tavzes, R.**, Cercek, M. Propagation of grid-excited ion waves in the ion beam plasma 8-75313
- Tawadjoh, M.** see Krozer, S. 8-55618
- Tawara, H.** Innershell ionization by relativistic electron, positron and proton impact 8-62930
- Tawara, Y.** see Nishimura, J. 8-61933
- Tawara, Y.** see Sato, K. 8-68297
- Taweel, A.M.** see Al Taweel, A.M.
- Tawfik, A.** see Abou Sekkina, M.M. 8-76392
- Tawfik, M.** see Badawy, O.E. 8-86530
- Tay, S.P.**, Walker, S., Wyn-Jones, E. Comparison of energy barrier data from dielectric, N.M.R. and ultrasonic techniques 8-70958
- Tay, S.P.** see Crossley, J. 8-95544
- Tay-How Lee, Gille, J.C.** Design and construction of a temperature wave generator 8-85735
- Taya, S.** An experimental study on the stigmatic focusing condition of a magnetic sector mass analyzer 8-70215
- Taya, S.** Energy and mass analyses of secondary positive ions from silicon wafer surfaces 8-83891
- Taya, S.**, Hirose, H., Tsuyama, H., Matsuda, H. Second order image aberration correction of double-focusing mass spectrometers by electrostatic hexapole lens 8-70216
- Taya, S.**, Suzuki, M., Tsuyama, H., Kanomata, I. Analyses of silicon wafers by a high-resolution secondary ion mass spectrometer 8-56929
- Taya, S.**, Tsuyama, H., Itoh, M., Kanomata, I. A comparative study of solid surface analyses between low energy ion scattering spectroscopy (ISS) and secondary ion mass spectroscopy (SIMS) 8-64908
- Taya, S.** see Tokiguchi, K. 8-55071, 8-82073
- Tayal, V.P.**, Khandewal, D.P., Bist, H.D. Temperature dependence of external modes of water in infrared spectra of monohydrates of some divalent transition metal sulfates 8-58683
- Taylor, R.J.** Neutrino stability and cosmological helium production 8-73783
- Taylor, A.**, Lancaster, G.M., Rabalais, J.W. Surface alteration of graphite, graphite monofluoride and Teflon by interaction with Ar^+ and Xe^+ beams 8-91347
- Taylor, A.**, Talner, L.B. Relative renal accumulation of Tc-99m penicillamine as an index of differential renal function 8-65115
- Taylor, A.**, Verba, J.W., Alazraki, N.P., McCutchen, W.C. Monitoring of I-125 contamination using a portable scintillation camera 8-85388
- Taylor, A.** see Agarwal, S.C. 8-63795, 8-86600
- Taylor, A.L.** see Janes, D.L. 8-68230
- Taylor, A.R.** see Gregory, P.C. 8-54095
- Taylor, B.E.**, Miller, M.G., Laskar, A.L. Self-polarization at the order-disorder phase transition in NH_4Cl and NH_4Br 8-52432
- Taylor, B.J.** The differential blanketing of the main-sequence and near-main-sequence M67 stars relative to the Hyades and Coma 8-57597
- Taylor, B.J.**, Kellman, S.A. ISAs and the dwarf content of the inner nuclear regions of M31 8-86005
- Taylor, B.L.** A multi-access real time data acquisition system for laboratory instruments 8-54348
- Taylor, B.T.** see Newton, D. 8-85391
- Taylor, D.** see Windsor, C.G. 8-55923
- Taylor, D.B.** see Kaelis, J. 8-93633
- Taylor, D.C.** see Henry, J.N. 8-89311
- Taylor, D.F.** Thermodynamic properties of metal-water systems at elevated temperatures 8-76898
- Taylor, D.G.** see Allen, P.S. 8-70766
- Taylor, D.G.** see Cunningham, R.A. 8-94162
- Taylor, D.M.** Investigation of charges injected into polystyrene during extrusion 8-60135
- Taylor, D.R.** see Bevis, M. 8-95584
- Taylor, D.R.** see Harley, R.T. 8-64312
- Taylor, F.E.** see Duke, D.W. 8-66090
- Taylor, F.E.** see Johnson, J.R. 8-58216
- Taylor, G.E.**, Dunham, D.W. The size of minor planet 6 Hebe 8-53856
- Taylor, G.J.**, IV, see Hollis, D.P. 8-69018
- Taylor, G.N.** see Lloyd, R.D. 8-96095
- Taylor, G.R.** see Leung, K.N. 8-55080
- Taylor, H.F.** Guided wave electrooptic devices for logic and computation 8-66946
- Taylor, H.F.**, Taylor, M.J., Bauer, P.W. Electro-optic analog-to-digital conversion using channel waveguide modulators 8-66898
- Taylor, H.F.** see Altman, D.E. 8-59129
- Taylor, H.P.**, Jr. Oxygen and hydrogen isotope studies of plutonic granitic rocks 8-65221
- Taylor, J.A.**, Lancaster, G.M., Rabalais, J.W. Chemical reactions of N_2^+ ion beams with group IV elements and their oxides 8-73084
- Taylor, J.A.**, Rabalais, J.W. Molecular rearrangement and cluster formation in the secondary ion mass spectra (SIMS) of fluoride salts 8-64440
- Taylor, J.A.** see Lancaster, G.M. 8-89602
- Taylor, J.B.** see Wang, Y. 8-75626
- Taylor, J.B.** see Yu Wang 8-63709, 8-63710
- Taylor, J.C.** see Levy, J.H. 8-91321
- Taylor, J.G.** Quantizing super-Riemannian space 8-77790
- Taylor, J.G.**, Warin, P.E., Watson, P. Metallographic aspects of fatigue in pearlitic structures 8-60828
- Taylor, J.L.**, Weinberg, W.H. Chemisorption of carbon monoxide on the (110) surface of iridium 8-71963
- Taylor, K.** A transformation of the acoustic equation with implications for wind-tunnel and low-speed flight tests 8-87198
- Taylor, K.** see Axon, D.J. 8-69880
- Taylor, K.** see Cotter, M.J. 8-81761
- Taylor, K.** see Guidoin, R. 8-69250
- Taylor, K.A.** Structure determination of frozen, hydrated, crystalline biological specimens 8-57146
- Taylor, K.A.** see Eser, E. 8-72023, 8-72726, 8-72918
- Taylor, K.A.** see Glaeser, R.M. 8-57147
- Taylor, K.J.W.**, de Graaff, C. The physician's need for standardization of ultrasonic instrumentation 8-69168
- Taylor, K.N.** see Collins, C.B. 8-74903, 8-79001
- Taylor, K.N.R.** see Collocott, S.J. 8-80318
- Taylor, K.N.R.** see Krizek, H. 8-51971
- Taylor, K.T.** see Berrington, K.A. 8-74558
- Taylor, K.T.** see Chang, E.S. 8-86833
- Taylor, K.T.** see Combet Farnoux, F. 8-82702
- Taylor, L.G.** see Farrar, R.A. 8-56761
- Taylor, L.L.** see Clarke, R.C. 8-56587
- Taylor, L.S.** Electromagnetic syringe 8-53545
- Taylor, M.**, Ewing, R.C. The crystal structures of the ThSiO_4 polymorphs: Huttonite and thorite 8-51478
- Taylor, M.** see Wegmann, H.M. 8-85813
- Taylor, M.F.** see Serksnis, A.W. 8-94690
- Taylor, M.J.** see Taylor, H.F. 8-66898
- Taylor, N.J.** see Bottoms, W.R. 8-70227
- Taylor, N.J.** see Johannessen, J.S. 8-84303
- Taylor, N.J.** see Schwarz, S.A. 8-72006, 8-95240
- Taylor, P.**, Rummery, T.E. The redetermined X-ray powder diffraction pattern of β -sulfur 8-95015
- Taylor, P.A.**, Hopkins, B.J. Alkali metal adsorption on ZnO (0001); anomalous behaviour of sodium 8-79883
- Taylor, P.C.**, Strom, U., Bishop, S.G. Temperature dependence of the density of optically-induced localized paramagnetic states in glassy As_2Se_3 8-52354
- Taylor, P.C.**, Strom, U., Bishop, S.G. Paramagnetic states induced in amorphous As, Se, and As_2Se_3 by electron bombardment at 77K 8-88187
- Taylor, P.C.** see Ngai, K.L. 8-51942
- Taylor, P.L.** see Boyle, F.P. 8-67659
- Taylor, P.R.**, Bacskey, G.B., Hush, N.S., Hurley, A.C. Unlinked cluster effects in molecular electronic structure. I. The HCN and HNC molecules 8-94185
- Taylor, R.** A simple, useful analytical form of the static electron gas dielectric function 8-79953
- Taylor, R.** see Cezairliyan, A. 8-95161
- Taylor, R.** see Dyck, R.W. 8-59951
- Taylor, R.** see Jacucci, G. 8-63664
- Taylor, R.** see Keane, B. 8-73277
- Taylor, R.** see Laubitz, M.J. 8-91664
- Taylor, R.** see Leavens, C.R. 8-91672
- Taylor, R.** see Mahanty, J. 8-91635
- Taylor, R.C.**, McGuire, T.R., Coey, J.M.D., Gangulee, A. Magnetic properties of amorphous neodymium-transition-metal films 8-68312
- Taylor, R.C.** see Gangulee, A. 8-64236
- Taylor, R.E.** Thermal properties of tungsten SRMs 730 and 799 8-89427
- Taylor, R.E.** see Bezanilla, F. 8-96037
- Taylor, R.E.** see Prescott, C.Y. 8-89719
- Taylor, R.H.** see Coles, B.R. 8-72371
- Taylor, R.J.** Surface interactions and conditioning techniques in Tokamaks 8-94124
- Taylor, R.J.** see Schwirzke, F. 8-59681
- Taylor, R.P.** see Viskanta, R. 8-74956
- Taylor, R.S.** Note on a paper by J.A. Morrison and J.A. Lewis: 'Charge singularity at the corner of a flat plate' 8-81807
- Taylor, R.S.**, Garside, B.K., Ballik, E.A. Passive mode locking of TE CO₂ lasers employing a germanium saturable absorber 8-71127
- Taylor, R.S.**, Sarjeant, W.J., Alcock, A.J., Leopold, K.E. Glow-discharge characteristics of a 0.8 J multi-atmosphere rare gas halide laser 8-58992
- Taylor, S.W.** see Strong, D.F. 8-57200
- Taylor, T.**, Summers-Gill, R.G. A shell model of the cobalt isotopes 8-62479
- Taylor, T.N.** see Ellis, W.P. 8-72658, 8-75917
- Taylor, W.**, Lockwood, D.J., Vass, H. Impurities and the static central peak in lead germanate 8-92079
- Taylor, W.A.**, Saillant, R., Gerstein, B.C. Low-temperature specific heat of $\text{K}_2\text{Pt}(\text{CN})_4\text{Br}_{0.3}\text{H}_2\text{O}$ 8-87795
- Taylor, W.A.** see Peterson, D.T. 8-88056
- Taylor, W.B.** see Laroye, G.J. 8-57894
- Taylor, W.L.** A VHF technique for space-time mapping of lightning discharge processes 8-85721
- Tayurskii, V.A.** Calculation of electron conversion into positrons at 0.2-2 GeV 8-86713
- Tayursky, V.A.** see Sil'vestrov, G.I. 8-70664
- Tazaki, K.** see Ugai, S. 8-53680
- Tazaki, M.**, Nishibori, M., Kinoshita, K. Ultramicrohardness of vacuum-deposited films. II. Results for silver, gold, copper, MgF_2 , LiF and ZnS 8-79910
- Tazaki, S.** Structure of deformation in light f-p shell nuclei 8-66228
- Tazawa, T.** see Tanimura, O. 8-89903
- Tazima, T.** see Gomay, Y. 8-51316
- Tazuke, S.**, Kitamura, N. Photofixation of carbon dioxide to formic acid in vitro using water as hydrogen source 8-88650
- Tchekaline, I.A.**, Shypilov, V.M., Gordienko, U.K. TS-analysis of seasonal variations in the upper layer of the Black Sea 8-77264
- Tchikilev, O.G.** see Ajinenko, I.V. 8-58206
- Tchoubar, D.**, Rousseaux, F., Pons, C.H., Lemonnier, M. Small angle scattering setting at LURE: description and results 8-66020
- te Brake, E.** see Schouten, F.C. 8-63932
- te Kaat, E.** see Kappert, H.F. 8-75686
- Te-Chi Fu** see Fu Te-Chi
- Te-Kao Wu** Field penetration into thick, finitely conducting cylindrical shells with and without slit aperture 8-62990
- Te-Kao Wu, Tsai, L.L.** Low-frequency shielding properties of conducting cylindrical shells of arbitrary cross section 8-55283
- Teague, C.** see Hasselmann, K. 8-81418

- Teague, C.C.** see Stewart, R.H. 8-77337
- Teague, E.C.** Uncertainties in calibrating a stylus type surface texture measuring instrument with an interferometrically measured step 8-77862
- Teague, E.C.** see Mardix, S. 8-49945
- Teague, H.J.** see Baker, A.R. 8-54854
- Teale, R.W.** see Safiullah, A. 8-95463
- Teas, D.C.** see Klein, A.J. 8-85318
- Teasdale, W.A.** see Miller, J.R. 8-58487
- Teatini, A.** see Cesana, A. 8-73115
- Tebaldi, G.** see Santomauro, L. 8-53721
- Teben'kov, Yu.V.** see Ilyushin, A.S. 8-75632
- Tedeschi, R.** see Bucci, C. 8-74679
- Tedford, D.J.** see Kurimoto, A. 8-67572, 8-87518, 8-87583
- Tedford, D.J.** see Somerville, I.C. 8-67577, 8-87564
- Tedrow, P.M.** see Berman, S. 8-56237
- Tedrow, P.M.** see Meservey, R. 8-68094, 8-68120, 8-91814, 8-95494
- Teegarden, K.J.** see Boyd, R.W. 8-82972
- Teegarden, K.J.** see Freese, R.P. 8-50816
- Teese, R.B.** see Bohm, A. 8-82126, 8-82206
- Teeter, M.C.** Corrosion fatigue of annealed zircaloy-2 in aqueous solutions at 575K 8-64789
- Teets, R.E.,** Kowalski, F.V., Hill, W.T., Carlson, N., Hansch, T.W. Laser polarization spectroscopy 8-82056
- Tegeback, R.** see Zogorodny, A.G. 8-91069
- Tegeler, E.** see Kosuch, N. 8-55185, 8-62273
- Tegelhofova, M.,** Martisovits, V. The decomposition of carbon monoxide in corona discharge 8-60992
- Tegenfeldt, J.** see Berglund, B. 8-91982
- Teh, G.A.,** Stegeman, G.I. Coupling from a thin film to an optical fiber 8-87167
- Teh-Lung Ku** see Knauss, K.G. 8-96234
- Teich, M.C.** Heterodyne correlation radiometry 8-77980
- Teich, M.C.,** Matin, L., Cantor, B.I. Refractories in the maintained discharge of the cat's retinal ganglion cell 8-64991
- Teich, M.C.** see Vannucci, G. 8-65968
- Teichholz, L.E.,** Caputo, G.R., Meller, J., Kashdan, N., LeBlanc, D., Herman, M.V. Computer-assisted interactive interpretation of clinical echocardiograms 8-80938
- Teichholz, L.E.** see Pordy, L. 8-85431
- Teichler, H.** Microscopic calculation of lattice distortions around μ^+ in Cu 8-87665
- Teichmann, U.** Metrological problems of calibration of coordinate measuring instruments 8-77854
- Teichtell, C.** see Oliveros, E. 8-78836
- Teiger, J.** see Clark, A.G. 8-89751, 8-89759
- Teijema, J.** Flow meter calibration by electronic weighing 8-55700
- Teillet, J.,** Joly, D., Varret, F., Chappert, J. High field Mossbauer spectrometer using Bitter magnets 8-89608
- Teipel, I.** The hydrodynamics of non-Newtonian lubricants in plain bearings 8-79341
- Teipel, I.** see Rath, H.J. 8-59493
- Teisseron, G.,** Berthier, J., Peretto, P., Benski, C., Robin, M., Choulet, S. The spin density waves in chromium detected by hyperfine field measurements 8-60364
- Teisseyre, Y.,** Haug, R., Coelho, R. Photoelectric emission of a tip of W or W-Ba subjected to an electric field 8-80458
- Teitel, S.** see Domany, E. 8-67080
- Teitelbaum, G.B.** Metastable states near tricritical point 8-63841
- Teitelbaum, H.** see Sidi, C. 8-65444
- Teitelboim, C.** see Cordero, P. 8-93300
- Teixeira, A.F. da F.** Axially symmetric, static vacuum fields 8-93580
- Teixeira, A.F. da F.** see Kodama, T. 8-77778
- Teja, A.S.,** Patel, N.C., Ng, N.H. The van der Waals one-fluid model for mixtures and generalised equations of state 8-79740
- Tejedor, C.** see Djafari-Rouhani, B. 8-84278
- Tejedor, C.** see Flores, F. 8-80035
- Tejessy, W.** see Lehraus, I. 8-82577
- Tejuca, L.G.,** Turkevich, J. Characterization of supported platinum, hydrogenation and H_2 - D_2 equilibration 8-76910
- Tejwant Singh, Gupta, R.K.** Incipient flow of second order fluids in pipes 8-94770
- Tek Kim Wha** see Kim Wha Tek
- Tekhver, I.** see Khizhnyakov, V. 8-55180
- Tekieli, M.E.** see Cullinan, W.L. 8-69108
- Tekucheva, I.A.** see Pereplygina, T.K. 8-88376
- Telega, J.J.** On plane plastic flow of compressible solids 8-55575
- Telega, J.J.** Variational principles for an incompressible, perfectly plastic material with non-associated flow law 8-67050
- Telegdi, V.L.** see Brandle, H. 8-82317
- Telegin, G.I.** see Alekseev, E.I. 8-49892
- Telenin, G.F.** see Dumnov, G.E. 8-87353
- Telepin, M.A.** see Berezhnaya, L.T. 8-53759
- Telesco, C.M.** see Kleinmann, S.G. 8-54009
- Telesco, C.M.** see Thronson, H.A., Jr. 8-69853
- Teleshov, V.V.** see Shtovba, Yu.K. 8-80564
- Telesnin, R.V.,** Dudorov, V.N., Morchenko, A.T., Randoshkin, V.V. Properties of single-crystal alloys with the composition $(Y,Sm,Ca)_3(Fe,Ge,Si)_2O_{12}$ having improved temperature stability 8-64247
- Telesnin, R.V.,** Vinogradov, O.A., Dudorov, V.N. Study of strip domain structure in iron garnet films 8-68341
- Telesnin, R.V.** see Ivanov, L.P. 8-76283
- Telezhkin, V.A.,** Tolpygo, K.B. Study of local centres in covalent crystals as a many-electron problem 8-67980
- Telezhkin, V.A.** see Shatalov, V.M. 8-63972
- Telfer, D.J.,** Walker, G. Ligand field bands of Mn^{2+} and Fe^{3+} luminescence centres and their site occupancy in plagioclase feldspars 8-88350
- Telfer, N.E.** see Durairaj, S.K. 8-80960
- Teli, M.T.** Justification of Mignani's and Recami's generalised Lorentz transformations; discussion of Yaccarini's comments 8-73844
- Teli, M.T.,** Sutar, V.K. Unified model for the description of subluminal and superluminal objects 8-73845
- Teli, M.T.,** Sutar, V.K. Unified Lorentz transformations as complex rotations in four-dimensional space 8-73846
- Teli, M.T.,** Takwale, R.G. On the symmetries between neutrino and antineutrino-nucleon elastic scattering 8-54627
- Telonis, D.P.** Unsteady boundary layers, separated and attached 8-71313
- Telonis, D.P.,** Romaniuk, M.S. Velocity and temperature streaming in oscillating boundary layers 8-83358
- Tel'kovskii, V.G.** see Vinogradova, O.A. 8-87461
- Telle, W.** see Freyer, R. 8-49920
- Tellenbach, U.** Spin-wave spectrum of the anisotropic, antiferromagnetic chain. I 8-60273
- Tellenbach, U.** Inelastic neutron scattering investigation of the one-dimensional, anisotropic antiferromagnet $CsCOCl_2$. II 8-60274
- Teller, D.C.** see Swanson, E. 8-71311
- Teller, D.Y.,** Regal, D.M., Videen, T.O., Pulos, E. Development of visual acuity in infant monkeys (Macaca nemestrina) during the early postnatal weeks 8-61180
- Teller, P.** see Fine, A. 8-65797
- Tellez, C.** see Muller, A. 8-74668
- Tellier, C.** Aging processes in thin radio-frequency sputtered zinc films 8-84322
- Tellier, C.,** Tossier, A. Comparison of variations of different electrical properties of metallic thin films with their thickness 8-91787
- Tellier, C.R.** General Fuchs-Sondheimer expressions for the strain coefficients of resistivity of thin metallic films 8-52107
- Tellier, C.R.** Size and grain-boundary effects in the electrical conductivity of thin monocrystalline films 8-76164
- Tellier, C.R.** A theoretical description of grain boundary electron scattering by an effective mean free path 8-84320
- Tellier, C.R.,** Tossier, A.J. An extension of the Cottley conduction model 8-84183
- Tellier, J.-C.** see Lerebours, B. 8-76447
- Tellier, P.** see Carpentier, J.-L. 8-79990
- Tellinghuisen, J.,** Tellinghuisen, P.C., Tisone, G.C., Hoffman, J.M., Hays, A.K. Spectroscopic studies of diatomic noble gas halides. III. Analysis of XeF 3500 Å band system 8-70843
- Tellinghuisen, J.** see Tellinghuisen, P.C. 8-70844
- Tellinghuisen, P.C.,** Tellinghuisen, J., Coxon, J.A., Velazco, J.E., Setser, D.W. Spectroscopic studies of diatomic noble gas halides. IV. Vibrational and rotational constants for the X, B, and D states of XeF 8-70844
- Tellinghuisen, P.C.** see Tellinghuisen, J. 8-70843
- Tello, M.J.** see Arriandaga, M.A. 8-75804
- Tello, M.J.** see Fernandez, J. 8-79583
- Tello, M.J.** see Peraza, J. 8-60382
- Telnov, V.L.** see Kochelev, N.I. 8-86739
- Teloy, E.** Proton-hydrogen (H_2 , D_2) differential inelastic and reactive scattering at low energies 8-62911
- Telschow, K.L.,** Stasiak, J.W. High-precision phase-velocity measurements utilizing a continuous-wave feedback technique 8-83187
- Temam, R.** Navier-Stokes equations 8-77721
- Temchin, A.N.** The Benard effect in semiconductors 8-84122
- Temerin, A.S.** see Ovechkin, N.S. 8-93776
- Temerin, M.** The polarization, frequency, and wavelengths of high-latitude turbulence 8-88981
- Temesvari, T.** see Kondor, I. 8-49775
- Temiraliyev, T.** see Ermilova, D.I. 8-62468
- Temkin, A.** Internuclear dependence of the polarizability of N_2 8-58866
- Temkin, A.S.** see Goryunov, E.P. 8-78527
- Temkin, D.E.** Stability of a planar phase interface for a diffusion-limited transformation in a binary alloy 8-67809
- Temkin, D.E.,** Chernov, A.A. Particle trapping in a crystal growing from a melt at a variable rate 8-67676
- Temkin, D.E.** see Chernov, A.A. 8-79543
- Temkin, H.,** Fitchen, D.B. Raman scattering in crystals of TTF-TCNQ 8-80356
- Temkin, H.,** Street, G.B. Raman scattering in crystals of brominated (SN) $_x$ 8-72519
- Temkin, R.J.** A theory of the structure of tetrahedrally bonded amorphous solids 8-59757
- Temkin, R.J.** see Drozdowicz, Z. 8-79000
- Temmer, G.M.,** Kanter, E.P., Kollwe, D., Komaki, K., Leuca, I., Gibson, W.M. A measurement of compound nucleus time evolution using the crystal blocking technique 8-50160
- Temmer, G.M.** see Kanter, E.P. 8-62531
- Temmerman, W.M.,** Gyorffy, B.L., Stocks, G.M. Solutions of the KKR-CPA equations for paramagnetic Cu, Ni, Co alloys 8-95256
- Temmerman, W.M.** see Durham, P. 8-95620
- Temmerman, W.M.** see Gordon, B.E. 8-95257
- Temmerman, W.M.** see Gyorffy, B.L. 8-95683
- Temmerman, W.M.** see Stocks, G.M. 8-84125
- Temnik, A.K.** see Gorbunov, V.I. 8-53145
- Temny, V.V.** see Zastenker, G.N. 8-57534
- Tempel, A.** see Schumann, B. 8-84104
- Tempel, K.** see Hollatz, R. 8-69156
- Tempelman-Kluit, D.J.** see Sinclair, P.D. 8-65299
- Temperini, M.L.A.** see Santos, P.S. 8-64350
- Temperley, H.N.V.,** Trevena, D.H. Liquids and their properties. A molecular and macroscopic treatise with applications 8-87604
- Temperley, J.K.** see Eccleshall, D. 8-78519
- Temple, P.A.** see Burge, D.K. 8-55419
- Templeton, D.H.** see Templeton, L.K. 8-51522
- Templeton, L.K.,** Templeton, D.H. Cesium hydrogen tartrate and anomalous dispersion of cesium 8-51522
- Templeton, S.** see Corrigan, E.F. 8-82099
- ten Bosch, A.,** Moran-Lopez, J.L., Bennemann, K.H. Electronic theory for the metal-nonmetal transition in simple metal alloys 8-79930
- Ten Brink, H.M.** see Rettschnick, R.P.H. 8-58789
- Ten Haaf, F.E.L.** see Bieger, P.T. 8-82586
- Ten Haagen, C.W.,** Berry, J.T. Charting the fracture toughness characteristics of castings using the double torsion method 8-68863
- ten Katen, J.H.** see Brower, R.W. 8-85449
- Ten Noever de Brauw, M.C.** see Posthumus, M.A. 8-92534
- Tenase, M.** see Chenzha, M. 8-94011
- Tenchov, B.G.,** Raichev, B.D. Equilibrium distribution of the surface charge in phospholipid vesicles. I. Method of calculation 8-96019
- Tenchov, B.G.,** Raichev, B.D. Equilibrium distribution of the surface charge on phospholipid vesicles. II. Results of calculations 8-96020
- Tenconi, T.** see Cesana, A. 8-73115
- Tendeloo, G.** van see van Tendeloo, G.
- Tendeloo, G.** van see van Tendeloo, G.
- Tendeloo, G.** van see Van Tendeloo, G.
- Tendler, M.,** Arora, A. Relaxation of an electron beam in a partially ionised plasma 8-59618
- Tene, Y.,** Sheinman, I. Dynamics of shells of revolution under axisymmetric load involving shear deformation 8-79210
- Tenenbaum, A.** Effect of thermal vibration on low-energy collision cascades 8-87705
- Tenenbaum, J.,** Smilanski, I., Gabay, S., Erez, G., Levin, L.A. Time dependence of copper-atom concentration in ground and metastable states in a pulsed CuCl laser 8-66806
- Tenenbaum, J.,** Smilanski, I., Gabay, S., Erez, G., Levin, L.A., Katriel, J., Speiser, S. Buffer gas effect on ground and metastable populations in a pulsed CuBr laser 8-82955
- Tenenbaum, J.** see Berant, Z. 8-93940
- Teng, H.** Ho-I see Ho-I Teng, H.
- Teng, L.C.** Inertially confined fusion with heavy ion beams 8-50313
- Teng, M.K.,** Massot, M., Balkanski, M., Ziolkiewicz, S. Atomic substitution and ferroelectric phase transition in Bi, Sb, Si 8-68464
- Teng, M.K.,** Picquart, M., Balkanski, M., Sol, N., Zylbersztejn, A. Raman scattering of metallic vanadium bronzes 8-80358
- Tenishev, A.E.** see Derebchinskii, A.I. 8-78192
- Tenishev, A.E.** see Gorbenko, V.G. 8-54637
- Tenishev, A.E.** see Zylbalov, A.A. 8-78191
- Tennakone, K.,** Peiris, M.G.C. Sublimation of moth balls 8-54124
- Tennant, W.E.** see Rode, J.R. 8-72745
- Tenne, R.,** Bergmann, E. Scaled particle theory for nonadditive hard spheres: solutions for general positive nonadditivity 8-79515
- Tenne, R.** see Bergmann, E. 8-71654
- Tennekes, H.** Turbulent flow in two and three dimensions 8-69395
- Tennekes, H.** see Lau, N.-C. 8-73435

- Tenner, R., Kurosawa, A. On the double-contrast examination of the stomach by means of the Orbiskop 8-73200
- Tennikov, M.B. see Skvortsov, A.M. 8-51824
- Tenny, J.R., Cowan, D.L., Berney, R.L., Vorbeck, M.L., Martin, A.P. Stochastic ESR analysis of rat liver and hepatoma mitochondrial lipids 8-76984
- Tennyson, J. see Phinney, D. 8-73374
- Tenret-Noel, C. see Riga, J. 8-52632
- Tenti, G., Hui, W.H. Some classes of exact solutions of the nonlinear Boltzmann equation 8-49779
- Tenti, G. see McCourt, F.R. 8-74681
- Teo Boon-Keng see Boon-Keng Teo
- Teodorescu, P.P. Some considerations on the antiplane problem in elasticity theory 8-87268
- Teodorescu, V. see Birjega, M.I. 8-60579
- Teodorescu, V. see Burzo, E. 8-84503
- Teodorescu-Tintea, C. Sound emitted by free jets 8-67244
- Teodoro, D., Diaz, J., Dionisi, C., Gay, J.B., Hemingway, R.J., Losty, M.J., Mazzucato, M., Blokszij, R., Massaro, G.G., Voorthuis, H., Metzger, W.J., Timmermans, J.J.M., Van de Walle, R.T., Foster, B., Grossmann, P., McDowell, W.L. A spin determination of the $\Theta^*(1820)$ resonance 8-89767
- Teodoro, D. see Baubillier, M. 8-93877
- Teodorovich, E.V. On the contribution of macroscopic Van der Waals interactions to frictional force 8-55613
- Teodorovich, S.B. see Zhdanov, V.A. 8-51462
- Teofilo, V.L., Leonard, B.R., Jr., Perry, R.T., Bampton, M.C.C., McKinnon, M.A., Bloomster, C.H., Fassbender, L.L. A Tokamak hybrid blanket design 8-62615
- Teofilo, V.L. see Conn, R.W. 8-58418
- Teofilo, V.L. see Perry, R.T. 8-66406
- Teoh, C.S. see Cheng, S.C. 8-75145
- Teoh, W. see Jolly, R.K. 8-56941
- Teoule, R. see Sharpaty, V.A. 8-77001
- Teper, M.J. Where Dreil-Yan breaks down 8-54610
- Teper, M.J. Applying the parton model to the fast hadrons at low p_{\perp} 8-54618
- Teper, M.J. Where Dreil-Yan breaks down 8-89668
- Tepley, C.A., Mathews, J.D. Preliminary measurements of ion-neutral collision frequencies and mean temperatures in the Arcicibo 80- to 100-km altitude region 8-88957
- Teplitskaja, R.B., Grigoryeva, S.A., Skochilov, V.G. On physical conditions in the chromosphere above sunspot umbrae 8-53908
- Teplitskii, M.D. see Daneliya, E.P. 8-92271
- Teplitskii, M.Sh. see Gur'ev, A.V. 8-95776
- Teplitskii, Yu.S., Tamarin, A.I. Expansion of a damped fluidized bed 8-59480
- Teplitskii, Yu.S. see Tamarin, A.I. 8-63492, 8-67263
- Teplitz, V.L., Sartori, L. Summary of panels discussing educational change 8-61956
- Teplitz, V.L. see Dicus, D.A. 8-57438
- Teploukhov, S.G., Dubinin, S.F., Sidorov, S.K. Neutron diffraction investigation of fine coherent effects in iron-nickel alloys with a FCC lattice 8-75502
- Teplov, I.B. see Duisibaev, A.D. 8-54778
- Teplov, I.B. see Lebedev, V.M. 8-54776
- Teplov, S.V. see Zarochentsev, E.V. 8-56678
- Teplov, V.A. Internal friction peaks after the reverse martensitic transformation in iron-nickel alloys 8-92287
- Tepluyakov, V.A. see Golubkov, V.P. 8-78523
- Tepluyakov, V.A. see Gorshkov, B.M. 8-82543
- Tepluykh, A.E. see Men'shikov, A.Z. 8-68160
- Tepluykh, E.A. see Men'shikov, A.Z. 8-88124
- Tepluykh, V.F. see Pietrzak, K.A. 8-86560
- Tepe, A. see Rizzo, A. 8-72158
- Teppner, U. see Becker, U. 8-78668
- Teptin, G.M. Influence of the wind field on the altitude distribution of tidal energy 8-69402
- Ter Haar, D. see Hasan, S.S. 8-77526
- ter Haar, D. see Kirk, J.G. 8-65639
- ter Haar, D. see Thornhill, S.G. 8-75335
- ter Maten, G., Jansen, L. Effect of indirect exchange interactions on the magnetic properties of europium monochalcogenides 8-91860
- ter Stege, R., Wiegman, N.J. Equipment for the investigation of the statistical properties of the Barkhausen effect 8-82008
- ter Stege, R. see Wiegman, N.J. 8-56357
- Ter-Antonyan, S.V. see Asatiani, T.L. 8-73598
- Ter-Isaakyan, N.L. see Grigoryan, S.G. 8-54617
- Ter-Markaryants, N.E. see Kondrat'ev, K.Ya. 8-81408
- Ter-Pogossian, M.M. see Mullani, N.A. 8-80959
- Ter-Pogossian, M.M. see Raichle, M.E. 8-69183
- Terada, H. see Erdogan, F. 8-79270
- Terada, K. see Takeuchi, N. 8-55875
- Terada, M. see Yanagidani, T. 8-56748
- Terakawa, S. see Okiji, A. 8-52084
- Terakura, K. s-d hybridisation in d-band metals and alloys 8-91644
- Teramachi, Y. see Agu, M. 8-77823
- Teramae, N., Higuchi, S., Tanaka, S. Magnetic circular dichroism spectra of p-disubstituted benzenes possessing both electron-donating and accepting groups 8-66574
- Teramoto, I. see Ishikawa, K. 8-60423, 8-66957
- Teramoto, I. see Takagi, H. 8-56792
- Teramoto, I. see Todokoro, Y. 8-67865
- Teramoto, Y. see Higashi, S. 8-55081
- Teramotot, I. see Itoh, K. 8-59025
- Terao, K. see Mizuno, M. 8-53044
- Terao, N. Experimental study of crack propagation in brittle amorphous solids: Bifurcation of a crack in glass 8-75721
- Terao, N. Experimental study of crack propagation in brittle amorphous solids. Refraction of a propagating crack by stress waves 8-92337
- Terao, T. see Morikawa, H. 8-79904
- Teraoka, F. see Kimura, H. 8-84918
- Teraoka, K. see Tamura, F. 8-53569
- Terasaki, F. see Hinotani, S. 8-53024
- Terasawa, M. see Koga, M. 8-52951
- Terasawa, T., Maezawa, K., Machida, S. Solar wind effect on Jupiter's non-10-related radio emission 8-57491
- Terasawa, T. see Sugawara, M. 8-74515
- Terashima, Y. see Nishi-kawa, K. 8-91091
- Terashima, Y. see Nishi-Kawa, K.I. 8-71444, 8-71479
- Terata, N. see Ajiro, Y. 8-84389
- Terauchi, H. X-ray study of phase transitions in alkali tetracyanoquinodimethanides (TCNQ) 8-55933
- Terauchi, H., Cohen, J.B. Diffuse X-ray scattering due to the lattice instability near the metal-semiconductor transition in VO_2 8-56074
- Terauchi, H., Cohen, J.B. Vacancy-vacancy and vacancy-electron interactions in TiO_x 8-79607
- Terauchi, H., Cohen, J.B., Reed, T.B. Vacancy-strain coupling in ordered TiO 8-79549
- Terauchi, H., Takenaka, H., Matsumori, N., Sawada, A. Spontaneous shear strain of lithium ammonium tartrate monohydrate (LAT) 8-56433
- Terazaki, A. see Shimizu, Y. 8-51813
- Terazawa, H., Akama, K., Chikashige, Y., Matsuki, T. Supermultiplet of weak bosons and Higgs scalars 8-62345
- Terovich, R.G. see Babcock, R.V. 8-50815
- Terebizh, V.Yu. see Doroshenko, V.T. 8-61860
- Teregulov, G.I., Barteneva, O.A. The practical effectiveness of a multilayer antireflection coating for camera objectives 8-58081
- Terekhov, A.A. see Osipov, G.V. 8-85473
- Terekhov, A.S. see Agrafenin, Yu.V. 8-90523
- Terekhov, V.A. see Domashevskaya, E.P. 8-92176
- Terekhov, Yu.V. Instrumentation for automatic measurement and real-time evaluation of man's postural equilibrium 8-77127
- Terekhovitch, T.F. see Kosogov, O.V. 8-56225
- Terent'ev, A.I. see Kushniruk, V.F. 8-86745
- Terent'ev, A.P. see Kostylev, A.A. 8-79490
- Terent'ev, E.D. see Ryzhov, O.S. 8-87359
- Terent'ev, E.P. see Belyakov, M.A. 8-82600
- Terent'ev, Yu.N. see Baskarev, B.N. 8-83389
- Terentiev, A.P. see Kostylev, A.A. 8-71606
- Terent'yev, Yu.N. see Yeroshenko, V.M. 8-83361
- Tereshchenko, N.A. see Mende, F.F. 8-68109
- Terlecki, G., Scheid, W., Fink, H.J., Greiner, W. Molecular particle-core model and its application to ^{13}C - ^{13}C scattering 8-82384
- Terletsii, Ya.P. Stringlike solutions of the nonlinear Klein-Gordon equation 8-82114
- Terletsii, Ya.P. see Nekrasov, S.A. 8-73923
- Terlevich, R.F. The double nucleus of Markarian 374 8-69882
- Terlitskii, A.Ya., Tetyukhin, V.V. Exact wave solution of the Maxwell equations for an isotropic nonlinear medium 8-62971
- Termaat, K.P. Power control of the Dodewaard reactor by application of gadolinium as a burnable poison 8-50277
- Ternan, J.G. The motion of a driven oscillator. I. Nondecreasing input velocities 8-59293
- Terner, J. see Campion, A. 8-85294
- Ternisien D'Ouville, T. see Marine, J. 8-68553
- Ternov, I.M. Synchrotron radiation research at Moscow State University 8-66730
- Ternov, I.M., Khalikov, V.R., Rodionov, V.N., Klimenko, Y.I. Anomalous magnetic moment of an electron in a polarized electromagnetic wave 8-49998
- Ternovskaya, M.V. see Volodin, E.Ya. 8-53779
- Ternovskii, A.P. see Grigor'ev, O.N. 8-60753
- Terpugova, A.F. see Cheglovok, E.I. 8-74576
- Terrani, M. see Cesana, A. 8-73115
- Terrani, M. see Foglio Para, A. 8-58538
- Terrani, S. see Cesana, A. 8-73115
- Terreault, B., Abel, G., Martel, J.G., St-Jacques, R.G., Labrie, J.P., L'Ecuyer, J. Further measurements of helium concentration profiles in copper and their relation to blistering 8-95089
- Terrell, A.C. Software control of hardwired image analysers 8-57917
- Terrett, D.L. see Elliott, K.H. 8-93380
- Terrett, D.L. see Goudis, C. 8-96521
- Terrien, Y. see Couvert, P. 8-78383
- Terrien, Y. see Tatischeff, B. 8-82345
- Terriez, J.M. see Boissier, J.M. 8-51092
- Terry, G.H., Hausman, H.J., Donoghue, T.R., Suiter, H.R., Wallace, P.H. Properties of the intermediate structure in ^{71}As 8-93948
- Terry, P.D. A complex ray tracing study of ion cyclotron whistlers in the ionosphere 8-96346
- Terry, S. see Keep, C.W. 8-93690
- Terskov, A.Kh. see Zavolzhenskii, M.V. 8-65782, 8-67178
- Terukov, E.I., Reichelt, W., Wolf, M., Hemsehik, H., Oppermann, H. On the influence of the substitution of O^{16} by O^{18} in a few vanadium oxides on their semiconductor-metal transition 8-84268
- Terukov, E.I. see Andreev, V.N. 8-87831
- Terumichi, Y. see Fukao, M. 8-87504
- Terumichi, Y. see Maekawa, T. 8-59628
- Terveer, U. see Kaatz, U. 8-52437
- Tervi, H., Kobayashi, M. Refractive-index-adjustable SiO_2 - Ta_2O_5 films for integrated optical circuits 8-63203
- Terzadze, Yu.V. see Abesalashvili, L.N. 8-82227
- Terzan, A., Chatagnat, M., Dubet, D. The new blink microscope of Observatoire de Lyon 8-61742
- Terzan, A. see Dumont, Th. 8-85949
- Terzi, N. see Mulazzi, E. 8-68520
- Terzi, V.F. see Kondrat'ev, K.Ya. 8-85885
- Terzian, Y. see Dickey, J.M. 8-57610
- Terzian, Y. see Silvergate, P.R. 8-69897
- Terzian, Y. see Silvergate, P.R. 8-93360
- Terzic, L., Ciric, D., Perovic, B. On the observation of the double-scattering effect from polycrystalline targets 8-92163
- Tescari, M. see Casalone, G. 8-56045
- Tesch, S. see Guratzsch, H. 8-54751
- Tescher, A.G. (editor) Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.119. Applications of Digital Image Processing 8-81528
- Teschke, O. see Shank, C.V. 8-76495, 8-78741
- Tesei, E. see Antonini, B. 8-68339
- Teselkin, V.V. see Borisovskii, S.P. 8-90444
- Teshabaev, A.T. see Abdurakhmanov, K.P. 8-72252
- Teshabaev, A.T. see Umarov, G.Ya. 8-80043
- Teshima, R. see Mancini, F. 8-76202
- Teshima, R. see Phillips, D.S. 8-74131
- Teshima, T. see Aizawa, N. 8-62395
- Teskin, O.I. see Rogozhin, V.M. 8-52668
- Teslenko, V.I. see Malyutenko, V.K. 8-49899
- Teslenko, V.S. Investigation of photoacoustic and photohydrodynamic parameters of laser breakdown in liquids 8-52597
- Tesler, M.H., Eichmann, G. Non-spectral field representations in dielectric fibre guides 8-79116
- Tesmer, J.R. see Deluca, P.M. 8-92698
- Tessar, P.A. Digital image analysis applications in state natural resource agencies 8-96327
- Tessarotto, M. see Dobrowolny, M. 8-96369
- Tessarotto, M. see Glemente, R. 8-67391
- Test, L.D. see Skreiner, K.M. 8-78475
- Testardi, L.R. see Guha, A. 8-88074
- Testardi, L.R. see Mattheis, L.F. 8-84159
- Testud, J. see Bertel, L. 8-81479
- Testud, J. see Vidal-Madjar, D. 8-69554
- Tetelbaum, D.I. see Karmanov, V.T. 8-95192
- Tetelman, A.S., Besuner, P.M. The application of risk analysis to the brittle fracture and fatigue of steel structures 8-56768
- Tetelman, A.S. see Green, A.T. 8-53177
- Teteris, Ya.A. Chemiluminescence process during the dissolution of irradiated alkali halide crystals 8-92133
- Teterko, A.Ya. see Kolodii, B.I. 8-82882
- Teters, G.A. Plates and shells fabricated of polymeric and composite materials (review) 8-67056
- Tetervov, A.P. Solitons in semiconductors with superlattice 8-79999
- Tetot, R., Picard, C., Boureau, G., Gerdanian, P. High temperature thermodynamics of the titanium-oxygen system for $0 \leq \text{O/Ti} \leq 1$ 8-85190
- Tetreault, D.J. see Dupree, T.H. 8-51292
- Tetu, M. see Vanier, J. 8-58968
- Tetyukhin, V.V. see Terlitskii, A.Ya. 8-62971
- Teuber, D. see Duerbeck, H.W. 8-89221
- Teuber, D. see Hagyard, M.J. 8-77532
- Teuber, D.L., Wilson, R.M., Henze, W., Jr. Time-varying oscillations in the solar soft X-ray flux as observed from Skylab 8-53904
- Teubner, P.J.O., Buckman, S.J., Noble, C.J. Differential cross sections for the elastic scattering of intermediate energy electrons from sodium 8-74761
- Teuchert, E. 'Once through' cycles in the pebble bed HTR 8-58382
- Teuchert, W.D. see Lottnner, V. 8-67792

- Teuchert, W.D.** *see* Magerl, A. 8-59882
- Teuchner, K.** *see* Dahne, G. 8-89575
- Teuho, J., Lehtimäki, V., Hovi, V.** Electrolytic thinning of Au-Zn(-Cu) alloys 8-57918
- Teuscher, M.C.** *see* Grenney, W.J. 8-65348
- Tevault, D.E., Smardzewski, R.R.** Matrix infrared spectrum of the O_2Br radical. Bonding in the O_2X species 8-90160
- Tevault, D.E.** *see* Walker, N. 8-80737
- Teverovskii, B.Z.** Motion of the solid phase of an aerosol at large Reynolds numbers 8-79363
- Tevlin, S.S.** *see* Margulova, T.Kh. 8-50280
- Tevryukov, A.A.** *see* Leiman, V.G. 8-70220
- Tew, M.** *see* Mittra, R. 8-62978
- Tewari, D.P., Sharma, J.K., Kaushik, S.C., Sharma, R.P.** Effect of self-focusing on filamentation instability in a collisional magnetoplasma 8-51305
- Tewari, D.P.** *see* Sodha, M.S. 8-51311, 8-59602, 8-91112
- Tewari, P.H., Wallace, G., Campbell, A.B.** The solubility of iron sulfides and their role in mass transport in girdler-sulfide heavy water plants 8-83963
- Tewari, Y.B.** *see* Schreiber, H.P. 8-64762
- Tewarson, R.P.** On the numerical solution of differential equations for renal counterflow systems 8-92662
- Tewary, J., Srikantiah, G.** Transition characteristics at low pressure of air-water dispersed annular flow 8-94800
- Tews, H.** Hartree calculations for n-inversion layers on stressed silicon surfaces 8-68066
- Texier, F.** *see* Henri-Rousseau, O. 8-93499
- Texter, J., Stevens, E.S.** Random-phase calculation of the circularly dichroic 3000 Å band of (+)-D-camphor 8-94267
- Teyes-Akun'ya, G.** *see* Tikhonova, N.I. 8-88513
- Teymur, M., Suhubi, E.** Wave propagation in dissipative or dispersive non-linear media 8-49672
- Teyssier, J.L.** *see* Millet, P. 8-78653
- Tezgul, M.S., Wood, B.D.** Mathematical model for a self-recording heat flux meter in a fire environment 8-93678
- Tezlevan, V.E.** *see* Merkulov, A.I. 8-72174
- Thacker, H.B.** Polynomial conservation laws in (1+1)-dimensional classical and quantum field theory 8-54224
- Thacker, H.B., Quigg, C., Rosner, J.L.** Inverse scattering problem for quarkonium systems. I. One-dimensional formalism and methodology 8-82153
- Thacker, H.B., Quigg, C., Rosner, J.L.** Inverse scattering problem for quarkonium systems. II. Applications to ψ and ψ families 8-82154
- Thacker, H.B.** *see* Rosner, J.L. 8-50029
- Thackeray, A.D.** Additional radial velocities of supergiants in the Small Magellanic Cloud 8-93237
- Thackeray, A.D., Wood, R.** The velocity system of the Radcliffe Cassegrain d-camera 8-73645
- Thackray, M.** Photographic nucleonics: a record of many lost opportunities in the history of science 8-65986
- Thackray, M.** Intaglio imaging with nuclear particles 8-65993
- Thackray, M.** Uniform sources of ionizing radiation of extended area from radiotoned photographic film 8-78537
- Thackston, M.G., Eisele, F.L., Pope, W.M., Ellis, H.W., McDaniel, E.W.** Further tests of the generalized Einstein relation: Cs^+ ions in Ar, Kr, and Xe 8-67298
- Thackston, M.G.** *see* Gatland, I.R. 8-59537
- Thackston, M.G.** *see* Pope, W.M. 8-67308
- Thaddeus, P.** *see* Guelin, M. 8-93374
- Thae-Khapp Kang, Yoon, D.N.** Coarsening of tungsten grains in liquid nickel-tungsten matrix 8-56598
- Thakkar, A.J.** A technique for increasing the utility of the Wigner-Kirkwood expansion for the second virial coefficient 8-91052
- Thakker, A.J., Steslicka, M.** Model studies of the Tamm-like and field-sustained surface states of germanium 8-64092
- Thakoor, A.P.** *see* Chopra, K.L. 8-68096
- Thakur, A.K., Rescigno, A.** On the stochastic theory of compartments: III. General time-dependent reversible systems 8-64916
- Thakur, A.K., Rescigno, A., DeLisi, C.** Stochastic theory of second-order chemical reactions 8-73015
- Thakur, A.K.** *see* Ghosh, S.N. 8-68889
- Thakur, K.P.** Non-linearity acoustic parameter in higher alkanes 8-51612
- Thakur, K.P.** Equation of state for solids under high pressure, with application to alkali halides 8-55935
- Thakur, K.P.** Properties of some cyanide crystals 8-63829
- Thakur, L., Sandwar, B.B.** Lattice energy of alkali metal nitrates 8-91295
- Thakur, N.K., Rao, D.R.K.** On $Sq(Z)$ variation in the Indian region 8-61326
- Thakur, R.K., Sapre, A.K.** Redshifts and the Hubble diagrams of quasi-stellar objects 8-96559
- Thakur, S.N.** *see* Haque, M.K. 8-78742
- Thal, H.U., Leen, W.** Doppler sonographic flow measurements over small cross sections in vitro and in vivo 8-88729
- Thaler, B.J., Ketterson, J.B., Hilliard, J.E.** Enhanced magnetization density of a compositionally modulated CuNi thin film 8-84460
- Thaler, R.M.** *see* Siciliano, E.R. 8-94033
- Thalmann, D.** *see* Magnenat, N. 8-77640
- Thalmann, N.** *see* Weber, J. 8-78626
- Thalmeier, P., Fulde, P.** Faraday and Cotton-Mouton effects for acoustic phonons in paramagnetic rare earth compounds 8-52476
- Thamerus, G.** *see* Dworak, U. 8-60c74
- Thandaveswara, B.S.** *see* Lakshman Rao, N.S. 8-79379
- Thangam, P.V., Reddy, D.V.** Stability analysis of skew orthotropic plates by the finite strip method 8-79235
- Thangam Babu, P.V., Reddy, D.V.** Existing methodologies in the design and analysis of offshore floating nuclear power plants 8-66336
- Thanh Luu** *see* Casasent, D. 8-94374
- Thapliyal, H.V., Blakely, J.M.** Reconstruction of stepped nickel surfaces 8-71913
- Tharmalingam, K.** Zeroth order calculation of binding energies in ionic crystals 8-51533
- Tharmalingam, K.** The association and orientation energies of impurity-vacancy complexes in alkali halides 8-51578
- Thatte, A.P.** BARC cyclotron becomes operational at Calcutta 8-74518
- Thattey, A.S.** *see* Menon, G. 8-60563
- The, P.S., Bakker, R., Wesselink, T.J.H., van der Linden, Th.J., van Genderen, A.M.** The variable shell star HR 5999. III. A new light-curve based on Walraven and Stromgren photometries 8-77557
- The, P.S.** *see* Savage, B.D. 8-93250
- The Giam Hoang** *see* Hoang The Giam
- Thebault, J.** *see* Lompre, L.A. 8-58630, 8-80452
- Theeten, J.B., Hottier, F., Hallais, J.** On-time determination of the composition of III-V ternary layers during VPE growth 8-67915
- Theimer, M.M.** *see* Theimer, O. 8-62014
- Theimer, O., Theimer, M.M.** Computer simulation of statistical plasma mechanics (an example of undergraduate research) 8-62014
- Theis, R.F.** *see* Brace, L.H. 8-61638
- Theis, T.N., Kotthaus, J.P., Stiles, P.J.** Generation of 2D plasmon resonances at multiple wave-vectors; a test of the dispersion relation 8-63997
- Theis, T.N., Kotthaus, J.P., Stiles, P.J.** Wavevector dependence of the two dimensional plasmon dispersion relationship in the (100) silicon inversion layer 8-76101
- Theis, T.N.** *see* Cole, T. 8-64055
- Theis, W., Werner, E.** Monopole breathing modes in ^{208}Pb 8-82331
- Theis, W.R.** *see* Berg, B. 8-54552
- Theissen, H.** *see* Foh, J. 8-70681
- Theissen, H.** *see* Schull, D. 8-70680
- Theissen, H.** *see* Walcher, T. 8-70679
- Thenee, M.** *see* Hinterberger, F. 8-62553
- Theobald, F.** *see* Giamello, E. 8-64271
- Theobald, J.G.** *see* Genty, C. 8-90149
- Theobald, J.K.** *see* Lin, C.-H. 8-87128
- Theobald, J.P.** *see* Schielhaas, K.-P. 8-86730
- Theocaris, P.S.** Asymmetric branching of cracks 8-59344
- Theocaris, P.S.** Dynamic propagation and arrest measurements by the method of caustics on overlapping skew-parallel cracks 8-84962
- Theocaris, P.S., Ioakimidis, N.I.** The inclusion problem in plane elasticity 8-54194
- Theocaris, P.S., Ioakimidis, N.I.** A star-shaped array of curvilinear cracks in an infinite isotropic elastic medium 8-55609
- Theocaris, P.S., Ioakimidis, N.I.** On the numerical solution of Cauchy type singular integral equations and the determination of stress intensity factors in case of complex singularities 8-55611
- Theocaris, P.S., Katsamanis, F.** Response of cracks to impact by caustics 8-56724
- Theocaris, P.S., Kazantzakis, J.G.** On the solution of the three-dimensional problem of a plane crack of arbitrary shape 8-79265
- Theocaris, P.S.** *see* Ioakimidis, N.I. 8-51118, 8-87303, 8-90781, 8-90782
- Theocaris, P.S.** *see* Tsamasphyros, G. 8-59305
- Theocharopoulos, P.** *see* Syros, C. 8-70582
- Theodorakopoulos, G.** *see* Robb, M.A. 8-78630
- Theodorakopoulos, G.** *see* Strausz, O.P. 8-90076, 8-90079
- Theodore, L.J.** *see* Van Hecke, G.R. 8-59742
- Theodosiou, G.** *see* Auer, I.P. 8-78206
- Theocaris, P.S., Tsamasphyros, G.J.** On a method of resolution of the second problem of limits 8-57779
- Theofanous, T.G., Bohrer, T.H., Chang, M.C., Patel, P.D.** Experiments and universal growth relations for vapor bubbles with microlayers 8-71266
- Theofanous, T.G., Ott, K.O., Sesonske, A.** Nuclear reactor safety education at Purdue 8-58380
- Theofanous, T.G.** *see* Patel, P.D. 8-71368
- Theon, J.S.** *see* Rao, M.S.V. 8-65379
- Theophilou, A.** *see* Papathanassopoulos, C. 8-63794
- Theresa Sheau-Yun Wu Fou** *see* Cheng-Ming Fou 8-93938
- Theriot, D.** *see* Johnson, J.R. 8-58216
- Thern, R.** *see* Beier, E. 8-74290
- Thern, R.** *see* Weisberg, H. 8-74291
- Thers, J.** *see* Grenon, R. 8-71357
- Theuws, P.G.A., Beijerinck, H.C.W., Uitterhoeve, P.J., Schram, D.C., Verster, N.F.** Time-of-flight analysis of neutrals from a plasma as a diagnostic for the ion velocity distribution 8-67439
- Thevenard, P.** *see* Guermazi, M. 8-67755
- Thevenard, P.** *see* Treilleux, M. 8-83838
- Theveneau, H.** *see* Trokner, A. 8-80240, 8-84492
- Thevenin, J.** *see* Garreau, M. 8-56899
- Thevenot, F.** *see* Bouchacourt, M. 8-76636, 8-76730
- Thevenot, F.** *see* Cueilleron, J. 8-59822
- Thevenot, F.** *see* Ruste, J. 8-76948
- Thewalt, M.L.W., Rostworowski, J.A.** Effects of uniaxial stress on the luminescence lines due to multixciton complexes bound to phosphorus in silicon 8-92114
- Thews, R.L.** Comparison of symmetry and duality constraints for radiative transitions of mesons 8-78178
- Theye, M.L.** *see* Lafait, J. 8-76418
- Thibault, C.** *see* Detraz, C. 8-74341
- Thibault, C.** *see* Huber, G. 8-78826
- Thibault, C.** *see* Liberman, S. 8-86829
- Thibault, J., Hoffman, T.W.** Local boiling heat flux density around a horizontal cylinder under saturated and subcooled conditions 8-90659
- Thibeau, M.** *see* Berrue, J. 8-79406
- Thibeault, J.C.** *see* Ammeter, J.H. 8-90078
- Thie, J.A.** Neutron noise sources in PWRs 8-94108
- Thieberger, P.** *see* Behar, M. 8-70707
- Thiede, J.** *see* Molina-Cruz, A. 8-81179
- Thiede, J.** *see* Pastouret, L. 8-73355
- Thiel, F.A.** *see* Bachmann, K.J. 8-68618
- Thiel, K., Kulzer, H., Herr, W.** Some track registration properties of artificial Gd-Ga-garnets 8-62679
- Thiel, P.A.** *see* Chi-Ming Chan 8-87852
- Thiel, W.** *see* Dewar, M.J.S. 8-78609
- Thiele, F.** Accurate numerical solutions of boundary layer flows by the finite-difference method of Hermitian type 8-51155
- Thiele, G., Mrozek, C., Wittmann, K., Wirkner, H.** The iodoplatates M_2PtI_6 ($M=K, Rb, NH_4$). A new group of mixed-valency Pt compounds 8-79588
- Thiele, H.** *see* Ronchi, C. 8-66348, 8-70596
- Thielemann, W., Walther, P., Neumann, H.** Evidence for different absorption tails in the surface depletion layer and in the bulk in n-type GaAs 8-64379
- Thielen, W.** *see* Luck, K.C. 8-76862
- Thielert, R., Stark, R.** Colorimetric determination of the colour of near-colourless, transparent films of polyvinyl chloride 8-49884
- Thiell, G.** *see* Collier, F. 8-63067
- Thieman, J.R., Smith, A.G.** Frequency and time dependence of the Jovian decametric radio emissions: a nineteen-year high-resolution study 8-89113
- Thiemann, J.** Host nuclear magnetic resonance in copper-based magnetic alloys 8-80246
- Thieme, F.** *see* Benndorf, C. 8-64782, 8-87875
- Thieme, F.** *see* Egert, B. 8-72047
- Thierens, H.** *see* De Frenne, D. 8-86513
- Thierry, A.** *see* Millaud, B. 8-75547
- Thies, H.J.** *see* Fielder, H. 8-90851
- Thies, M.** Coupled channel study of kaonic ^{12}C 8-55261
- Thiess, P.** *see* Battist, L. 8-94152
- Thiessen, G.J.** Disturbance of sleep by noise 8-92645
- Thiessen, H.A.** *see* Hoffman, G.W. 8-54760
- Thiessen, H.A.** *see* Hoffmann, G.W. 8-62674, 8-70526
- Thiessen, H.A.** *see* Zeidman, B. 8-58308, 8-58309
- Thiessen, V.G., Antonov, V.E., Belash, I.T., Ponomarev, B.K., Ponyatovskii, E.G.** Magnetization of Co-H solid solutions 8-84452
- Thiessen, V.G.** *see* Ponomarev, B.K. 8-80180
- Thijssen, H.A.C.** *see* Schoeber, W.J.A.H. 8-87859
- Thimm, K.** *see* Puester, G. 8-62238
- Thinh Nguyen Trong** *see* Nguyen Trong Thinh Thirion, J. *see* Couvert, P. 8-78383
- Thirring, W.** Successes and failures in mathematical physics 8-65744
- Thirring, W.** *see* Grosse, H. 8-82602

- Thirring, W.** *see* Hoffmann-Ostenhof, M. 8-90053
- Thirring, W.** *see* Narnhofer, H. 8-66035
- Thirriot, C.** *see* Hoa, N.T. 8-59481
- Thiruganasambandam, P.,** Karunanidhi, N. Molecular constants of some dihaloboranes 8-50662
- Thirumala Rao, B.V.** *see* Tischler, R. 8-93969
- Thirunamachandran, T.** *see* Andrews, D.L. 8-58703
- Thirunamachandran, T.** *see* Power, E.A. 8-54114
- Thiry, P.,** Pinchaux, R., Martinez, G., Petroff, Y., Lecante, J., Paigne, J., Ballu, Y., Guillot, C., Spanjaard, D. Experimental determination of the valence band structure of PbSe 8-84143
- Thiry, P.** *see* Depauteux, C. 8-62271
- Thistlethwaite, P.J.** *see* Barnes, C.E. 8-90193
- Thizon, P.** *see* Coutanceau, M. 8-90967
- Thodos, G.** *see* Gomez-Nieto, M. 8-63861
- Thoe, R.S.** *see* Laubert, R. 8-84692
- Thoe, R.S.** *see* Pegg, D.J. 8-78797
- Thoe, R.S.** *see* Suter, M. 8-78796
- Thoe, R.S.** *see* Vane, C.R. 8-55222
- Thoen, J.** Asymmetry in the homogeneous phase specific heats at constant volume on the coexistence curve near the critical point of simple fluids 8-71832
- Thoenes, D.** *see* Paulsen, K. 8-70853
- Tholen, A.** *see* Hansson, I. 8-60719, 8-72009
- Tholence, J.L.** *see* Flouquet, J. 8-88094
- Tholence, J.L.** *see* Krischel, D. 8-68283
- Tholence, J.L.** *see* von Lohneysen, H. 8-52299
- Thom, B.G.** *see* Chappell, J. 8-53669
- Thoma, P.** Measurement of the He continuum radiation down to the near VUV 8-71582
- Thoma, P.** *see* Behringer, K. 8-66490
- Thomann, Ch.,** Benn, J.E., Munch, S. Proton-proton scattering from 0.35 to 1.0 MeV 8-62423
- Thomann, Ch.,** Benn, J.E., Munch, S. Proton-proton scattering from 0.35 to 1.0 MeV 8-78379
- Thomann, H.** Oscillations of a simple valve connected to a pipe. II. Experiments 8-59491
- Thomas, A.W.** The deuteron 8-62488
- Thomas, A.W.** The strong interaction shift in pionic ^3He 8-62958
- Thomas, A.W.,** Landau, R.H. The contribution of quasi elastic scattering to pion-nucleus total cross sections 8-78417
- Thomas, A.W.** *see* Landau, R.H. 8-74406
- Thomas, B.** *see* Bewick, A. 8-52692, 8-60590
- Thomas, B.J.** *see* Bell, C.M.J. 8-61247
- Thomas, B.K.** Applications of the Coulomb-modified Glauber approximation to $n=2$ and $n=3$ excitation of hydrogenlike ions by incident electrons. II 8-94324
- Thomas, B.W.J.** *see* Carey, R. 8-76541
- Thomas, D.** *see* Abraham, F. 8-91325
- Thomas, D.** *see* Conflant, P. 8-51516
- Thomas, D.** *see* Wong, Y.H. 8-68528
- Thomas, D.A.** Use of electron microscopy to study two-phased polymer morphology 8-75580
- Thomas, D.A.** Morphology characterization of multiphase polymers by electron microscopy 8-91271
- Thomas, D.H.** *see* Corden, M.J. 8-58207, 8-58209, 8-66164, 8-74283
- Thomas, D.K.** *see* George, K.J. 8-88895
- Thomas, D.L.** *see* Nelson, R.L. 8-83292
- Thomas, E.J., Jr.** Use of analytical instruments and equipment 8-88684
- Thomas, E.L.** *see* Sullivan, S. 8-50856
- Thomas, E.L.** *see* Talmon, Y. 8-61289
- Thomas, E.R.** Some meteorological aspects of the anomalous propagation of radio waves 8-57277
- Thomas, E.S.** *see* Pecelli, G. 8-89330
- Thomas, E.W.,** Inouye, H., Rausch, E.O. Excited state formed by B^+ impact on metallic Cu and Mo 8-64417
- Thomas, G.** Retained austenite and tempered martensite embrittlement 8-56754
- Thomas, G.** *see* Belli, Y. 8-68221
- Thomas, G.** *see* Bose, S. 8-63675
- Thomas, G.** *see* Clarke, D.R. 8-64512
- Thomas, G.** *see* Mishra, R.K. 8-64534, 8-67722, 8-67919
- Thomas, G.** *see* Okada, M. 8-76769
- Thomas, G.** *see* Sinclair, R. 8-53294
- Thomas, G.** *see* Wu, C.K. 8-52754
- Thomas, G.A.,** Moncton, D.E., Wudl, F., Kaplan, M., Lee, P.A. Strain-coupled charge-density waves in a linear conductor 8-79949
- Thomas, G.A.,** Pokrovskii, Y.E. Electron-hole liquid in germanium under infinite uniaxial compression 8-87915
- Thomas, G.E.,** De Koning, B.R. Rotational and vibrational state population distributions in excited CH radicals sputtered from a chemisorption layer on silicon 8-64436
- Thomas, G.E.,** Vidal-Madjar, A. Latitude variations of exospheric hydrogen and the polar wind 8-93024
- Thomas, G.E.,** Weinberg, W.H. Adsorption and dissociation of nitric oxide on the Ru (001) surface 8-95956
- Thomas, G.E.** *see* McKay, C.P. 8-57292
- Thomas, G.E.** *see* Vidal-Madjar, A. 8-903023
- Thomas, G.H.** Theory of spin dependence at very high energies 8-58164
- Thomas, G.H.** Inelasticity and structure in $\text{pp} \rightarrow \text{pp}$ at medium energies 8-62439
- Thomas, G.J.,** Wilson, K.L. Microstructure of high-dose multiple energy He^+ implanted stainless steel 8-82516
- Thomas, G.J.,** Wilson, K.L. Microstructure of low energy deuterium implanted stainless steel 8-95073
- Thomas, G.J.** *see* Bastasz, R. 8-95632
- Thomas, G.J.** *see* Wilson, K.L. 8-86691
- Thomas, G.L.** The physics of fingerprints and their detection 8-78056
- Thomas, G.M.** *see* Syracuse, D.C. 8-69254
- Thomas, G.O.** *see* Edwards, D.H. 8-90930
- Thomas, G.P.** *see* Jonsson, I.G. 8-90920
- Thomas, H.** *see* Dlubek, G. 8-86726
- Thomas, H.** *see* Hanggi, P. 8-54305
- Thomas, H.** *see* Hock, K.-H. 8-83904, 8-83918
- Thomas, H.** *see* Hornreich, R.M. 8-52302
- Thomas, H.** *see* Schafer, R. 8-71821
- Thomas, H.R.** *see* Clark, D.T. 8-52114, 8-88673, 8-95655
- Thomas, I.L.,** Bond, F.R. A spherical harmonic analysis of the austral auroral oval 8-81487
- Thomas, I.L.,** Lewis, A.J., Ching, N.P. Snowfield assessment from Landsat 8-88941
- Thomas, I.L.** *see* Haukka, M.T. 8-61080, 8-88945
- Thomas, J.** *see* Depauteux, C. 8-62236
- Thomas, J.A.** Airborne infrared astronomy 8-69688
- Thomas, J.A.** *see* Werner, M.W. 8-81671
- Thomas, J.H., III.** Oxidation kinetics of cobalt diffusing out of high current density (HCD) plated gold 8-92393
- Thomas, J.K.** *see* Piculo, P.L. 8-61038
- Thomas, J.M.** *see* Burland, D.M. 8-80756
- Thomas, J.M.** *see* Jefferson, D.A. 8-75511
- Thomas, J.M.** *see* Parkinson, G.M. 8-83680
- Thomas, J.M.** *see* Ramdas, S. 8-80724
- Thomas, J.O.** X-N and multipole deformation electron density maps for the non-centrosymmetric structure lithium formate monohydrate, $\text{LiHCOO} \cdot \text{H}_2\text{O}$ 8-91328
- Thomas, J.P.,** Pijolat, C., Fallavier, M. The use of the resonant reaction $^1\text{H}(^{15}\text{N}, \alpha\gamma)$ for obtaining hydrogen concentration profiles in materials 8-91357
- Thomas, J.R., Jr.** *see* Loyalka, S.K. 8-67221
- Thomas, J.T.** Reflectors, infinite cylinders, intersecting cylinders, and nuclear criticality 8-78442
- Thomas, K.** *see* Kreische, W. 8-78360
- Thomas, L.** *see* Babbitt, D. 8-77807
- Thomas, L.** *see* Bhattacharyya, S.K. 8-53746
- Thomas, L.C.** *see* Chung, B.T.F. 8-71333
- Thomas, L.J., III,** Kelly, M.J., Amer, N.M. The role of buffer gases in optoacoustic spectroscopy 8-62228
- Thomas, L.J., Jr.** *see* Clark, K.W. 8-81016
- Thomas, L.J., Jr.** *see* Ritter, J.A. 8-81014
- Thomas, L.K.** *see* Krischel, D. 8-68283
- Thomas, M.,** Dickinson, J.T., Poppa, H., Pound, G.M. Chemisorption of CO on Pd particles supported on mica 8-71960
- Thomas, M.E.** *see* Nordstrom, R.J. 8-92975
- Thomas, M.J.K.** *see* Donaldson, J.D. 8-84506
- Thomas, M.J.K.** *see* Paul, A. 8-60438
- Thomas, M.W.** *see* Albinati, A. 8-75649, 8-75650
- Thomas, M.W.** *see* Butt, N.M. 8-91407
- Thomas, N.,** Windle, A.H. Case II swelling of PMMA sheet in methanol 8-76922
- Thomas, P.,** Sacks, R.D. Parametric study of exploding wire continuum radiation 8-91134
- Thomas, P.,** Veverka, J., Duxbury, T. Origin of the grooves on Phobos 8-57484
- Thomas, P.,** Wuertz, D. Low temperature polaronic hopping conduction 8-51906
- Thomas, P.** *see* Wuertz, D. 8-76074
- Thomas, P.H.,** Bullen, M.L. On ignition and extraction in laminar diffusion boundary layers 8-64838
- Thomas, P.M.,** Gruzleski, J.E. Threshold hydrogen for pore formation during the solidification of aluminum alloys 8-52794
- Thomas, P.R.** *see* Stone, M. 8-78140
- Thomas, R.E.,** Shih, A., Haas, G.A. Electron energy loss and secondary emission mechanisms in BaO 8-76565
- Thomas, R.H.** *see* Henson, A.M. 8-53504
- Thomas, R.H.** *see* Hewitt, J.E. 8-53538
- Thomas, R.K.** *see* White, J.W. 8-87869
- Thomas, R.L.** *see* Hawkins, G.F. 8-68351
- Thomas, R.L.** *see* Wong, Y.H. 8-68481, 8-68528
- Thomas, R.M.** Observations of 4U 1608-52 8-69914
- Thomas, R.M.** *see* Duldig, M.L. 8-69913
- Thomas, R.M.** *see* Hudson, R.M. 8-69916
- Thomas, R.N.** Forecast of future in solar physics 8-81606
- Thomas, R.N.** What is a stellar atmosphere? 8-81614
- Thomas, R.N.,** Braggins, T.T., Hobgood, H.M., Takei, W.J. Compensation of residual boron impurities in extrinsic indium-doped silicon by [neutron transmutation] of silicon 8-67727
- Thomas, R.R.,** Zimmerman, C.A., Mizia, R.E. Nitronic 50 (XM-19) as a material of construction for the New Waste Calcining Facility 8-86647
- Thomas, R.W.** *see* Guenther, G.C. 8-57371
- Thomas, R.W.L.** *see* Holland, A.C. 8-81401
- Thomas, S.,** Sunny, M.T. Inner multiplicity of unitary groups 8-89322
- Thomas, S.J.** *see* Solid, J.E. 8-90471
- Thomas, S.R.,** Schneider, A.J., Kereiakes, J.G., Lukin, R.R., Chambers, A.A., Tomsick, T.A. An evaluation of the performance characteristics of different types of collimators used with the EMI brain scanner (MKI) and their significance in specific clinical applications 8-53484
- Thomas, S.R., Jr.** TMX, a new facility 8-54885
- Thomas, S.R., Jr.,** Batzer, T.H., Calderon, M.O., Hawkins, R.H., Nagel, R.J. A large rectangular bellows valve 8-50404
- Thomas, S.W.** The coarsening of dispersed particles in solid matrices 8-56651
- Thomas, T.D.** *see* Nunnelley, L. 8-66298
- Thomas, T.D.** *see* Vandenbosch, R. 8-66316
- Thomas, T.M.** *see* Birge, R.R. 8-64934
- Thomas, T.M.** *see* Jones, W. 8-60359
- Thomas, T.R.,** Sayles, R.S. Some problems in the tribology of rough surfaces 8-95106
- Thomas, W.** Criteria in judging critical safety 8-74440
- Thomas, W.,** Cassapakis, C., Dieterle, B., Leavitt, C., Wolfe, D., Evans, M., Glass, G., Jain, M., Northcliffe, L., Bonner, B., Simmons, J. Pion production in neutron-proton collisions at 790 MeV 8-70392
- Thomas, W.G.** *see* Berger, E.H. 8-92644
- Thomas, Y.** On the expansion of solids at high temperature 8-55960
- Thomas, Y.** On the variation of the Debye temperature at high temperature 8-63831
- Thomasen, K.I.** *see* Hagenson, R.L. 8-58433
- Thomason, M.D.** *see* Jolly, E.L. 8-58493
- Thomassen, K.** *see* Storetvedt, K.M. 8-85478
- Thomasson, P.** *see* Jaffe, D.T. 8-93371
- Thomasson, S.-I.** Diffraction by a screen above an impedance boundary 8-79158
- Thomaz, M.F.,** Davies, G. The decay time of N3 luminescence in natural diamond 8-76520
- Thomchick, J.** Moving acoustical-mode polarons 8-51908
- Thomchick, J.** Flux method for semiconductors in the presence of a temperature gradient 8-72144
- Thomchick, J.,** McKelvey, J.P., Elliot, C.F., Jr. Exactly soluble anharmonic potential models 8-54221
- Thome, H.,** Couder, Y., Libchaber, A. Riedel anomaly and nonlinear effects in Josephson point contacts 8-60253
- Thome, Z.D.** *see* Alberi, G. 8-62431
- Thomin, G.** *see* Bridoux, E. 8-51022
- Thomlinson, W.** *see* Lynn, J.W. 8-68125, 8-76190
- Thomlinson, W.** *see* Moncton, D.E. 8-95401
- Thompson, A.C.** *see* Kirby, J.A. 8-66595
- Thompson, A.H.** Lithium ordering in Li_xTiS_2 8-59795
- Thompson, A.H.,** Silbernagel, B.G. Magnetic properties of VSe_2 : inferences from the study of metal-rich $\text{V}_{1+x}\text{Se}_2$ compounds 8-68397
- Thompson, A.H.** *see* Gamble, F.R. 8-91803
- Thompson, A.R.** *see* Granlund, J. 8-81539
- Thompson, A.S.** *see* Jayet, B. 8-74270
- Thompson, A.W.** Hydrogen effects on fracture on PH 13-8 Mo steel 8-60809
- Thompson, A.W.,** Bernstein, I.M. The role of plastic fracture processes in hydrogen embrittlement 8-60810
- Thompson, A.W.,** Williams, J.C. Nuclei for ductile fracture in titanium 8-64654
- Thompson, B.J.** Applications of holography 8-74866
- Thompson, B.J.** Fundamentals of coherent optics—a tutorial 8-78910
- Thompson, B.J.** *see* Armstrong, S.A. 8-63031, 8-78928
- Thompson, B.J.** *see* Gough, P.T. 8-63024
- Thompson, C.** *see* Greenwood, J.R. 8-51366
- Thompson, C.J.** The statistical mechanics of phase transitions 8-71830
- Thompson, C.W.** Dissipations on von Neumann algebras 8-89358
- Thompson, D.,** Skovholt, D.J. Records and experiences on the LWR operation and maintenance 8-86653
- Thompson, D.** *see* Bogardus, H. 8-72370
- Thompson, D.A.** *see* Hempstead, R.D. 8-91907
- Thompson, D.A.** *see* Walker, R.S. 8-67752, 8-67756
- Thompson, D.J.** *see* Baynham, D.E. 8-62672

- Thompson, D.J.** *see* Fichtel, C.E. 8-65725
- Thompson, D.J.** *see* Suller, V.P. 8-62666
- Thompson, D.L.** On the rate and activation energy of the Br+Br₂ atom-exchange reaction 8-64811
- Thompson, D.P.,** Basu, A.R., Hennecke, E.W., Manuel, O.K. Noble gases in the Earth's mantle 8-85521
- Thompson, D.P.** *see* Cutler, I.B. 8-95159
- Thompson, D.P.** *see* Hampshire, S. 8-84750
- Thompson, D.P.** *see* Wild, S. 8-79579
- Thompson, E.** *see* Coupland, J.R. 8-74494
- Thompson, G.** *see* Forino, A. 8-78220
- Thompson, G.** *see* Humphris, S.E. 8-69327, 8-69328
- Thompson, G.** *see* Ludden, J.N. 8-73369
- Thompson, G.E.,** Furneaux, R.C., Wood, G.C. Electron microscopy of anodic films formed on aluminium in sulphuric acid 8-68843
- Thompson, G.E.,** Furneaux, R.C., Wood, G.C. Electron microscopy of ion beam thinned porous anodic films formed on aluminium 8-92390
- Thompson, G.I.** *see* Nandy, K. 8-93382
- Thompson, I.M.G.** *see* Clarke, R.W. 8-74507
- Thompson, I.M.G.** *see* Macdonald, H.F. 8-55053
- Thompson, J.A.** *see* Herbert, M.L. 8-54631
- Thompson, J.B.** Thermoelectric power in thin metal films 8-52108
- Thompson, J.C.,** Robinson, A.R. An exact solution for the superseismic stage of dynamic contact between a punch and an elastic body 8-55614
- Thompson, J.C.** *see* Barber, D.P. 8-78189
- Thompson, J.C.** *see* Joiner, B.A. 8-72064
- Thompson, J.C.** *see* Murphy, A.H. 8-61503
- Thompson, J.C.** *see* Swennum, R.D. 8-56194
- Thompson, J.C.** *see* Trotter, D.M., Jr. 8-72549
- Thompson, J.E.,** Simpson, T.L., Caulfield, J.B. Microwave enhancement of tumor thermographic visibility 8-73193
- Thompson, J.F.** *see* Mastin, C.W. 8-55624, 8-65780
- Thompson, J.M.T.** Imperfection-sensitivity uninfluenced by pre-stress 8-67035
- Thompson, J.P.** Hall effect measurements on silicon inversion layers 8-56199
- Thompson, J.R.,** Thomson, J.O. Low-temperature magnetoresistance of a Speer carbon resistance thermometer 8-49835
- Thompson, K.** The preferential adsorption of ⁴He from ³He-⁴He mixtures onto Vycor glass 8-84023
- Thompson, K.** *see* Dawson, J.W. 8-54896
- Thompson, K.** *see* Wang, S.-T. 8-62634
- Thompson, K.W.** Determination of the ground state of three-body systems 8-62710
- Thompson, L.A.** *see* Gregory, S.A. 8-65700, 8-81695
- Thompson, M.,** Hewitt, P.A., Wooliscroft, D.S. Auger electron spectra and chemical shifts of the chloromethanes 8-90231
- Thompson, M.** *see* Corcoran, M.D. 8-70417
- Thompson, M.D.,** Pattnaik, P.C., Das, T.P. Theory of antishielding effects and temperature dependence of field-gradients in metals 8-51951
- Thompson, M.J.** *see* Jones, S.R. 8-60172
- Thompson, M.W.,** Pabst, H.J. Trajectory focusing in surface scattering and the analysis of surface structure 8-68594
- Thompson, M.W.** *see* Comaboss, J.L. 8-63796
- Thompson, P.** *see* Grimes, N.W. 8-76454
- Thompson, P.** *see* Harmon, R.S. 8-57297
- Thompson, P.A.** *see* Reist, H.-W. 8-70672
- Thompson, P.B.** *see* Haubenreich, P.N. 8-50388
- Thompson, P.J.,** McKlveen, J.W., Ochoa, R. Baseline radioactivity in Arizona's water 8-81230
- Thompson, P.T.** *see* Wood, R.H. 8-76901
- Thompson, R.,** Fry, E., Bottiger, J. Polarization-dependent light-scattering measurements using an electro-optical modulator-based instrument 8-58010
- Thompson, R.** *see* Dickson, J.H. 8-81234
- Thompson, R.** *see* Oldfield, F. 8-61519
- Thompson, R.C.** *see* Johnson, M.W. 8-66208
- Thompson, R.L.,** Rieke, G.H., Lebofsky, M.J. The 2-2.5 micron spectrum of NGC 1068: a detection of extragalactic molecular hydrogen 8-57636
- Thompson, R.L.** *see* Alexander, G. 8-74251
- Thompson, R.L.** *see* Berger, Ch. 8-62414, 8-89725
- Thompson, R.T.** *see* Rustgi, S.N. 8-68983
- Thompson, S.** *see* Johnson, R.S. 8-62087
- Thompson, T.E.** *see* Fischer, J.E. 8-71711
- Thompson, W.B.** The cosmogonical separation of matter and antimatter 8-69918
- Thompson, W.G.,** Anderson, R.L. Electrical and photovoltaic characteristics of indium-tin oxide/silicon heterojunctions 8-52070
- Thompson, W.L.** *see* Smith, A.C., Jr. 8-49940
- Thoms, W.** *see* Lazzarini, A.J. 8-62563
- Thomsen, J.S.** Comment on 'Geometrical meaning of the curl operator when A.curl A ≠ 0' [for teachers] 8-62020
- Thomson, A.J.** *see* Cresswell, P.J. 8-95603
- Thomson, D.W.,** Scheib, J.P. Improved display techniques for solar measurements 8-77332
- Thomson, D.W.** *see* Reagan, J.A. 8-61501
- Thomson, E.M.** Photoelectric detector for daytime lightning 8-57336
- Thomson, F.J.** Broadband pulsed Doppler ultrasonic system for the noninvasive measurement of blood velocity in large vessels 8-61224
- Thomson, J.J.,** Krueer, W.L., Langdon, A.B., Max, C.E., Mead, W.C. Theoretical interpretation of angle- and polarization-dependent laser light absorption measurements 8-59638
- Thomson, J.J.** *see* Barnes, C. 8-51312
- Thomson, J.J.** *see* Bernstein, I.B. 8-67317
- Thomson, J.J.** *see* Pearlman, J.S. 8-67380
- Thomson, J.O.** *see* Thompson, J.R. 8-49835
- Thomson, N.R.** The quiet night ionosphere: comparison of calculated and measured decay rates 8-81493
- Thomson, R.** *see* Fuller, E.R., Jr. 8-67138
- Thomson, R.J.** The formation and lifetime of whistler ducts 8-61684
- Thomson, S.L.** *see* Hovingh, J. 8-54890
- Thomson, T.R.** *see* Glover, G. 8-88471
- Thomy, A.** *see* Matecki, M. 8-91548
- Thomy, A.** *see* Suzanne, J. 8-84063
- Thony, J.L.** *see* Vauclin, M. 8-96331
- Thoret, J.,** Launey, S. Double molybdate or tungstate of thorium and cadmium CdTh(AsO₄)₃ (A=Mo or W) 8-95024
- Thorn, C.B.** Derivation of dual models from field theory. II 8-54544
- Thorn, C.B.** *see* Giles, R. 8-70266
- Thorn, R.** *see* Eastham, D.A. 8-55057
- Thorn, R.J.** *see* Murch, G.E. 8-86618
- Thorn, R.J.** *see* Wei-Yean Howng 8-74620
- Thornber, J.P.** *see* Fajer, J. 8-77004
- Thornber, K.K.,** Kahng, D., Boulton, D.M., Neppell, C.T., Sundburg, W.J. Differential studies of dual-dielectric charge-storage cells 8-80059
- Thornbury, J.R.,** Fryback, D.G., Patterson, F.E., Chiavarini, R.L. A methodology for comparison of quality of radiologic images from different screen/film combinations based on radiologists' subjective judgments. Hi-Plus/RPL versus Lanex/Ortho G in Excretory Urography 8-73229
- Thorndahl, L.** *see* Bregman, M. 8-89768
- Thorndahl, L.** *see* Carron, G. 8-90006
- Thorndike, A.S.,** Cooley, C.R., Nye, J.F. The structure and evolution of flow fields and other vector fields 8-77733
- Thorndike, E.H.** *see* Stone, S.L. 8-58530
- Thorne, J.M.** Applications of the Faraday effect and magnetic circular dichroism in chemistry and physics 8-54466
- Thorne, K.S.** *see* Kovacs, S.J., Jr. 8-93093
- Thorne, L.R.** *see* Renkes, G.D. 8-70107
- Thorne, S.W.** *see* Duniec, J.T. 8-69019
- Thornhill, S.G.,** ter Haar, D. Langmuir turbulence and modulational instability 8-75335
- Thornton, A.G.,** Wilks, J. Clean surface reactions between diamond and steel 8-85008
- Thornton, G.J.,** Clay, R.W. The duration of atmospheric Cerenkov pulses from extensive air showers 8-73595
- Thornton, G.J.,** Clay, R.W. The dependence of the duration of atmospheric Cerenkov pulses on cosmic-ray shower parameters 8-89025
- Thornton, J.A.** Diagnostic methods for sputtering plasmas 8-71536
- Thornton, J.A.** Magnetron sputtering: basic physics and application to cylindrical magnets 8-72664
- Thornton, P.R.** *see* Otter, G. 8-82251
- Thornton, R.L.** *see* Cross, P.S. 8-83116
- Thornton, S.T.,** Gustafson, D.E., Cord, K.R., Dennis, L.C., Schweizer, T.C., Ford, J.L.C., Jr. Levels in ²³Na populated by the ¹²C(¹⁵N,α) reaction 8-50070
- Thornton, S.T.** *see* Doering, R.R. 8-62555
- Thornton, W.A.** Prime-color theory of human vision 8-53410
- Thornton, W.A.** The psychophysics of image coloration 8-65025
- Thorp, J.M.** *see* King, R.J. 8-80582
- Thorpe, M.F.** The random Ising model on cacti lattices 8-49773
- Thorpe, M.F.** Restricted annealing of random Ising models 8-80154
- Thorpe, M.F.** *see* McGurn, A.R. 8-91870
- Thorpe, R.K.** *see* Jones, W. 8-60359
- Thorpe, R.S.** *see* Francis, P.W. 8-85523
- Thorpe, R.S.** *see* Gass, I.G. 8-65243
- Thorpe, S.A.** The near-surface ocean mixing layer in stable heating conditions 8-85568
- Thorpe, W.R.,** Smith, I.O. Creep properties of Zr-1 wt.% Nb alloy 8-80599
- Thorpe, W.R.** *see* Smith, I.O. 8-68721
- Thorson, L.M.,** Becker, G.P., Wahner, H.W. Subtraction technique in the diagnosis of abdominal abscesses 8-73212
- Thorson, W.R.,** Delos, J.B. Theory of near-adiabatic collisions. I. Electron translation factor method 8-81889
- Thorson, W.R.,** Delos, J.B. Theory of near-adiabatic collisions. II. Scattering coordinate method 8-81890
- Thorson, W.R.** *see* Davis, J.P. 8-78777
- Thorsos, E.** *see* Skupsky, S. 8-59663
- Thorsos, E.** *see* Steel, D. 8-59685
- Thorsos, E.I.** *see* Lee, C.M. 8-79738
- Thorsteinsen, T.F.,** Vaagen, J.S. Anomalous l=5 one-nucleon transfer data discussed in terms of a two-step process 8-62551
- Thorstensen, J.** *see* Charles, P. 8-54088
- Thorstensen, J.R.,** Charles, P.A., Margon, B., Bowyer, S. Spectroscopy of the extreme-ultraviolet source Feige 24: the binary orbit and the mass of the white dwarf 8-93218
- Thorup, N.** *see* Andersen, J.R. 8-63742
- Thorwirth, G.** Application of the coherent-optical filtering in the scientific instrument manufacture 8-71208
- Thosar, B.V.** *see* Bhatki, K.S. 8-76550
- Thouless, D.J.,** Elzain, M.E. The two-dimensional white noise problem and localisation in an inversion layer 8-84271
- Thouless, D.J.** *see* Bevis, M. 8-95584
- Thouless, D.J.** *see* de Almeida, J.R.L. 8-56319
- Thoulouze, D.** *see* Frossati, G. 8-81978
- Thrall, J.H.,** Freitas, J.E., Beierwaltes, W.H. Adrenal scintigraphy 8-85371
- Thrall, J.H.,** Pitt, B., Marx, R.S. The use of videotape for off-line viewing of computer-assisted radionuclide cardiology studies 8-65119
- Thrall, J.H.** *see* Beierwaltes, W.H. 8-65118
- Thrall, J.H.** *see* Keyes, J.W., Jr. 8-85372
- Thrane, L.** Evaluation of Multi-Frequency-Microwave-Radiometer-System performance for oceanography 8-81417
- Thrane, L.** *see* Stewart, R.H. 8-77337
- Thrash, R.J.** *see* Fang, H.L.-B. 8-74715
- Thresher, J.J.** *see* Alper, B. 8-70414
- Thresher, J.J.** *see* Brown, R.M. 8-82231
- Thronson, H.A.,** Jr., Harper, D.A., Keen, J., Loewenstein, R.F., Moseley, H., Telesco, C.M. Observations of five moderate-luminosity far-infrared sources in Orion and Monoceros 8-69853
- Thronson, H.A.,** Jr. *see* Gatley, I. 8-61923
- Thronson, H.A.,** Jr. *see* Kleinmann, S.G. 8-54009
- Thrower, P.A.,** Mayer, R.M. Point defects and self-diffusion in graphite 8-63758
- Thrush, B.A.** *see* Huie, R.E. 8-62848, 8-94277
- Thuan, T.X.** *see* Gott, J.R., III 8-93400
- Thudium, J.** Water uptake and equilibrium sizes of aerosol particles at high relative humidities: their dependence on the composition of the water-soluble material 8-61516
- Thuesen, G.** *see* Lindegaard-Andersen, A. 8-82085
- Thuilier, G.** *see* Barlier, F. 8-69555
- Thuilier, J.C.** *see* Bouat, J. 8-64088
- Thuler, M.** *see* Brunner, J. 8-72679
- Thullen, P.** *see* Stillwagon, R.E. 8-54950
- Thulstrup, E.W.** Linear and magnetic circular dichroism of conjugated molecules 8-62835
- Thum, C.,** Lemke, D., Fahrback, U., Frey, A. M43—an emission nebula in Orion 8-54012
- Thummler, F.** *see* Grathwohl, G. 8-56701
- Thummler, F.** *see* Kosmac, T. 8-92219
- Thun, H.J.** *see* Berg, B. 8-54552
- Thun, H.J.** *see* Coleman, S. 8-70292
- Thun, J.E.** *see* Fahlander, C. 8-78260
- Thunemann, K.-H.,** Peyerimhoff, S.D., Bunker, R.J. Configuration interaction calculations for the ground and excited states of ozone and its positive ion: energy locations and transition probabilities 8-74584
- Thunemann, K.-H.** *see* Butscher, W. 8-78644
- Thurber, W.R.,** Carpenter, B.S. Boron determination in silicon by the nuclear track technique 8-55886
- Thuring, B.,** Schmidler, F. Observations of the light aberration of stars of different spectral types with a vertical circle 8-73702
- Thurnauer, M.C.** *see* Bowman, M.K. 8-61141
- Thurnauer, M.C.** *see* Trifunac, A.D. 8-80764
- Thurston, R.N.** Elastic waves in rods and clad rods 8-94608
- Thurtell, G.W.** *see* McKay, D.C. 8-92859
- Thurzo, A.** *see* Garlea, I. 8-70537
- Thurzo, I.,** Barancok, D., Doupovec, J. On the mechanism of dielectric relaxation in vanadium phosphate glasses 8-60388
- Thurzo, I.** *see* Pozniak, J. 8-75660
- Thusius, D.** *see* Jousset, M. 8-86244
- Thwaite, E.G.** Phase correction in the interferometric measurement of end standards 8-73986
- Thwaites, D.L.,** Watt, D.E. Similarity treatment of phase effects in stopping power for low energy heavy charged particles 8-50447
- Thwaites, M.J.,** Tomlinson, R.D., Hampshire, M.J. The observation of energy transitions from lower valence band states in CuGaSe₂ 8-95576
- Thyagarajan, K.,** Lallemand, P. Determination of the thermal diffusion ratio in a binary mixture by forced Rayleigh scattering 8-75858

- Thyagarajan, K.**, Sharma, A., Ghatak, A.K. Efficient coupling of incoherent light into optical fibers and bundles 8-83074
- Thyagarajan, K.** see Chandra, R. 8-90498
- Thyagarajan, K.** see Ghatak, A.K. 8-59133
- Thyregod, P.** see Vibholm, S. 8-67578
- Ti, S.S.** see Ra, O. 8-59881
- Ti-Pei Li** see Li Ti-Pei
- Tiainen, O.J.A.** see Riikonen, H. 8-62600
- Tian You-Cai** see Lin Tien-Hui 8-82083
- Tian Yow Tsong** see Kanehisa, M.I. 8-53346
- Tian-Jun Cao** see Cao Tien-Jun
- Tian-You Fan** see Fan Tien-You
- Tiao Kuei-yi** see Liu Tung-sheng 8-81156
- Tiator, L.**, Weber, H.J., Drechsel, D. Isobar excitation in proton-proton bremsstrahlung 8-93899
- Tibaldi, S.** see Buzzi, A. 8-77305
- Tibbetts, G.G.**, Burkstrand, J.M. Auger and photoelectron study of codeposited sulfur and oxygen layers on silver (111) 8-71957
- Tibbetts, G.G.**, Egelhoff, W.F., Jr. Quasiatomic excitation in bulk nickel 8-72691
- Tibbetts, P.J.C.** see Hajibrahim, S.K. 8-61078
- Tibell, G.** see Beetz, R. 8-54806, 8-66200
- Tibell, G.** see Ganzorig, D. 8-86557
- Tibell, G.** see Ganzorig, D. 8-89827
- Tibell, G.** see Ingemarsson, A. 8-89873
- Tiberghien, J.** see Block, P. 8-81044
- Tiberghien, J.** see Horacek, B.M. 8-81033
- Tice, A.R.** see Anderson, D.M. 8-65540
- Tich Phuoc Ngo** see Ngo Tich Phuoc
- Ticho, H.K.** see Bacino, W. 8-70351
- Ticho, H.K.** see Slater, W.E. 8-86729
- Ticho, U.** see Goldschmidt, C.R. 8-53470
- Tichy, J.** see Bertagnolli, E. 8-87684
- Tichy, J.A.** The behaviour of viscoelastic squeeze films subject to normal oscillations, including the effect of fluid inertia 8-67224
- Tichy, M.** see Sicha, M. 8-71534
- Tichy, R.** see Odehnal, M. 8-92726
- Tick Lim Joo** see Lim Joo Tick
- Tiddy, G.J.T.**, Lindblom, G., Lindman, B. Sodium-23 quadrupole splittings in lyotropic liquid crystals: relationship to electrical double layer theory and estimates of double layer dimensions 8-76345
- Tidemand-Peterson, P.** see Hagberg, E. 8-89779
- Tidemand-Peterson, P.** see Andersson, G. 8-89878
- Tidemand-Peterson, P.** see Asboe-Hansen, P. 8-86507
- Tidemand-Peterson, P.** see Asghar, M. 8-94012
- Tidemand-Peterson, P.** see Borchert, G.L. 8-70777
- Tidemand-Peterson, P.** see D'Auria, J.M. 8-70489
- Tidemand-Peterson, P.** see Elmroth, T. 8-86517
- Tidman, D.A.** see Hubbard, R.F. 8-89976
- Tie-Cheng Li** see Li Tie-Cheng
- Tie-lian Kuan** see Kuan Tie-lian
- Tie-Zhong Li** see Li Tie-Zhong
- Tieke, B.** see Lochner, K. 8-80024
- Tieman, B.M.** see Kuijers, F.J. 8-79869
- Tiemann, E.** see Nair, K.P.R. 8-90211
- Tiemann, K.**, Schmand, J. Detection of the various phases and phase transitions of the iron-gallium-system in the range of Ga-concentrations from 25.7 to 28.3 at. % and temperatures from 20°C to 720°C with the Mossbauer effect 8-68437
- Tien, C.** see Tseng, J.K.F. 8-95967
- Tien, C.L.** see Bejan, A. 8-75137, 8-91010, 8-91832
- Tien, C.L.** see Dua, S.S. 8-75906
- Tien, C.L.** see Felske, J.D. 8-90680
- Tien, C.L.** see Hubbard, G.L. 8-91061
- Tien, C.L.** see Nayak, A.L. 8-75028
- Tien, C.L.** see Yuen, W.W. 8-59283
- Tien, H.Ti.**, Mountz, J.M. The photogalvanic effect in a modified iron thionine system 8-91722
- Tien, J.K.**, Purushothaman, S. Generalized theory of fatigue crack propagation. II. Derivation of threshold and Paris regime crack growth rates 8-83338
- Tien, J.K.** see Furillo, F.T. 8-76743
- Tien, J.K.** see Purushothaman, S. 8-52889, 8-52983, 8-83337
- Tien, P.K.** see Miller, B.I. 8-74906
- Tien, T.Y.** see Naik, I.K. 8-92247
- Tien, V.** see Julien, R. 8-79576
- Tien Chi Chen** see Linz, P. 8-62692
- Tien-Hui Lin** see Lin Tien-Hui
- Tien-Ko Wang**, Pao-Shan Weng, Pin-Chieh Hsu Measurement of reactor thermal neutrons with dysprosium activated calcium sulphate thermoluminescent dosimeters 8-78441
- Tierney, G.V.** see Crofts, A.R. 8-68963
- Tiersch, H.**, Notni, P. Revised identifications in the 5C2 survey 8-57472
- Tiersch, H.** see Frohlich, H.-E. 8-73767
- Tietz, H.-D.**, Troger, A. To the influence of mechanical stresses on the indentation hardness 8-95794
- Tietze, A.** see Hardt, H.J. 8-55055
- Tietze, H.**, Gunther, R. Radiation measurement techniques in flames 8-94506
- Tiffany, W.** see Toepefer, A.J. 8-58474
- Tiffel, B.** see Neunhofer, H. 8-57170
- Tiift, W.G.** Redshift-magnitude bands and the evolution of galaxies. I. New observations 8-54033
- Tiift, W.G.** Redshift-magnitude bands and the evolution of galaxies. II. Data analysis 8-57629
- Tiift, W.G.** see Stocke, J.T. 8-57657
- Tighe, H.F.** see Yeh, H.L. 8-73104
- Tighe, N.J.** The structure of slow crack interfaces in silicon nitride 8-68770
- Tighe, N.J.** see Wiederhorn, S.M. 8-80693
- Tihonovich, V.I.** see Nemoshkalenko, V.V. 8-52997
- Tiilikka, E.** see Kaihola, L. 8-79499
- Tiitto, S.**, Ojala, M., Saynajakangas, S. Method and instrument for non-destructive measurement of grain size in deep-drawing steel sheet and band 8-85059
- Tiitto, S.I.** On the mechanism of magnetization transitions in steel 8-91894
- Tijburg, R.P.** see Verplanke, J.C. 8-55888
- Tijssen, S.B.** see Vosjan, J.H. 8-73403
- Tikalovich, E.A.** see Alimov, Yu.A. 8-56676
- Tikh, V.T.** see Silin, V.P. 8-59630
- Tikhomirov, G.P.** see Usanov, Yu.E. 8-78965
- Tikhomirov, I.A.**, Tikhonov, G.S., Klimenov, V.A. Mass-spectrometric installation for analysis of gaseous products of breakdown of polymers by a high-frequency plasma 8-88670
- Tikhomirov, P.V.** see Tamuzh, V.P. 8-67127
- Tikhomirov, V.A.**, Triotski, I.N. Optimum algorithm of infrared defectoscopy in the case of noncontact temperature measurement 8-60947
- Tikhomirov, Yu.V.** see Kobrin, M.M. 8-53911
- Tikhomirova, N.A.** see Khataevich, V.I. 8-75551
- Tikhomirova, N.I.** see Kalinina, M.A. 8-90544
- Tikhonenko, E.P.** see Zadorozhnyi, V.G. 8-75555
- Tikhonin, F.F.** see Arbuzov, B.A. 8-74219
- Tikhonov, A.M.** see Ruuge, E.K. 8-64953
- Tikhonov, A.N.**, Burbayev, D.Sh., Grigolava, I.V., Konstantinov, A.A., Ksenzenko, M.Yu., Ruuge, E.K. Interaction of ubisemiquinone with the high potential iron-sulphur centre of succinic dehydrogenase of submitochondrial particles. EPR investigation at 240 and 12K 8-69016
- Tikhonov, A.N.**, Ruuge, E.K., Subchinski, V.K. Investigation of electron transport in photosynthetic systems of higher plants by the EPR method. IV. Effect of bivalent cations on the photo-induced redox conversions of P700 8-77014
- Tikhonov, A.N.** see Gribova, Z.P. 8-64952, 8-69008
- Tikhonov, A.N.** see Kuprin, S.P. 8-64957
- Tikhonov, A.N.** see Ruuge, E.K. 8-77015
- Tikhonov, G.F.**, Sorokin, V.K. Production and properties of thin porous titanium sheets 8-60602
- Tikhonov, G.F.**, Sorokin, V.K. Sheet filtration materials with metallic gauze backing layers 8-60613
- Tikhonov, G.S.** see Tikhomirov, I.A. 8-88670
- Tikhonov, L.Ya.** see Bogomolov, A.M. 8-66455
- Tikhonov, P.A.** see Zarichnyak, Yu.P. 8-88448
- Tikhonov, S.V.** see Dul'nev, G.N. 8-59275
- Tikhonov, V.F.** see Andreev, G.Ya. 8-85055
- Tikhonova, E.A.** Applicability of quasiclassical approximation in dynamic scattering theory 8-71627
- Tikhonova, L.A.** see Dzhanbusinova, M. 8-89762
- Tikhonova, L.A.** see Ermilova, D.I. 8-62468
- Tikhonova, N.I.**, Kazantseva, V.V., Teyes-Akun'ya, G., Rudakova, T.E., Askadskii, A.A. Influence of water upon mechanical properties of F-2 polyarylate 8-88513
- Tikhov, S.V.**, Orlov, O.A., Vinokurova, N.N., Troshin, V.M. Transient processes in an MIS structure with a two-layer insulator 8-88043
- Tikochinsky, Y.** Exact propagators for quadratic Hamiltonians 8-49709
- Tikoo, P.K.** see Singh, V.B. 8-68637
- Tikusich, W.L.** see Lawrenko, W.A. 8-51825
- Tilch, J.** Studies on pulsed hollow cathode lamps [for atomic absorption spectroscopy] 8-67530
- Tilgner, H.** The group structure of pseudo-Riemannian curvature spaces 8-57829
- Tiliks, Yu.E.** see Avotins, Yu.E. 8-80427
- Tiliks, Yu.E.** see Raikhvargher, A.E. 8-80384, 8-92095
- Tilinin, G.N.** High-frequency plasma waves in a Hall accelerator with an extended acceleration zone 8-67441
- Tilinin, G.N.** Modulation of the ion stream at the exit from a Hall plasma accelerator with an extended acceleration zone 8-79480
- Till, J.E.** The effect of chronic exposure to $^{218}\text{Pu}(\text{IV})$ citrate on the embryonic development of carp and fathead minnow eggs 8-53447
- Till, P.**, Ribitsch, H. Specific Beuken-model for the simulation of thermal processes in hot film transmitters 8-55546
- Till, S.M.** see Birss, F.W. 8-62818
- Tiller, H.-J.**, Berg, D., Kopka, I., Ronnefarth, B. Modification of surface reactivity of SiO_2 by plasma treatment 8-64890
- Tiller, H.-J.**, Grosch, M., Dumke, K., Sokoll, R. Influence of plasma treatment on the surface properties and coating behaviour of silicon dioxide and glass surfaces 8-85201
- Tiller, H.-J.** see Breitbarth, F.-W. 8-68633
- Tiller, W.A.** see Trivedi, R. 8-52787, 8-52788
- Tilley, D.R.** see Albuquerque, E.L. 8-80275
- Tilley, D.R.** see Karsono, A.D. 8-84405
- Tilley, D.R.** see Sarmiento, E.F. 8-87918
- Tilley, D.R.** see Turner, J.D. 8-70533
- Tilley, D.R.** see Weller, H.R. 8-66279
- Tilley, D.R.** see Wender, S.A. 8-70445
- Tilley, R.J.D.** see Pyke, D. 8-79619
- Tilley, R.J.D.** see Schiavello, M. 8-51826
- Tilli, K.J.**, Alefeld, B. Librational motions in dimethylacetylene studied by inelastic neutron scattering 8-75742
- Tilli, M.** see Stephenson, J.D. 8-67620
- Tillman, J.E.** see Ryan, J.A. 8-89096
- Tillmann, L.** see Rosenkranz, G. 8-84849
- Tillmann, W.** Comparison measurements of wall shear stress in Bjork-Shiley and Starr-Edwards aortic valve prostheses in vitro 8-81067
- Tillmanns, C.H.**, Merten, L., Borstel, G. Microscopic model of ionic crystals with a Brownian sublattice. I. General theory 8-71798
- Tillmanns, C.H.**, Merten, L., Borstel, G. Microscopic theory for ionic crystals with a Brownian sublattice 8-79681
- Tillotson, D.**, Horn, R. Inactivation without facilitation of calcium conductance in caesium-loaded neurones of Aplysia 8-56965
- Tillu, A.D.** see Ghodgaonkar, A.M. 8-56243, 8-72282
- Tillu, A.D.** see Warkari, H.S. 8-69558
- Tilyavov, A.A.** see Orlov, Yu.V. 8-89804
- Tim Chau Foo** see Foo Tim Chau
- Timakov, A.V.** see Alad'ev, I.T. 8-79186
- Timan, B.L.**, Komar, V.K., Adolf, E.M. Some features of amplification of surface acoustic noise by carrier drift 8-72208
- Timan, B.L.** see Lisetskii, L.N. 8-71676
- Timanovskii, D.F.** see Elagina, L.G. 8-96264
- Timchenko, E.A.** see Kramer, E.N. 8-61818
- Timchenko, I.E.** see Martynov, M.V. 8-65421
- Timchenko, N.N.** Kinetics of heterogeneous reactions 8-53191
- Timchenko, P.M.** see Burtkovskii, I.I. 8-89475
- Timco, G.W.**, Schloessin, H.H. High-pressure studies of ferroelectric phases related to the Earth and planetary interiors 8-69334
- Timerkaev, B.A.**, Khabibullin, B.M. Coulomb mechanism of the paramagnetic relaxation of conduction electrons 8-88191
- Timis, P.** see Padureanu, I. 8-67639
- Timm, U.** Recent results from the PLUTO and DASP detectors at DORIS 8-89765
- Timm, U.** see Alexander, G. 8-74251, 8-89766
- Timm, U.** see Berger, Ch. 8-62414, 8-89725
- Timm, U.** see Drost, H. 8-63627
- Timm, W.** see Dienemann, H. 8-71505
- Timm, W.** see Fiebig, H.R. 8-78403
- Timmer, G.A.**, Meurders, F., Brussaard, P.J., van Hienen, J.F.A. A quantitative evaluation of the reliability of calculated decay properties of nuclei in the mass region $A=24-28$ 8-93970
- Timmer, J.** see Singh, J. 8-93910
- Timmermann, C.C.** Handling optical cables: safety aspects; author's reply to comments 8-74969
- Timmermann, C.-C.** Electronic simulator for the optical path in an injection laser power control loop 8-82987
- Timmermans, C.W.M.** see Bleijenberg, K.C. 8-72588
- Timmermans, J.J.** see Dionisi, C. 8-89735
- Timmermans, J.J.M.** see Teodoro, D. 8-89767
- Timmins, P.A.** see Berthet, C. 8-56951
- Timofeev, A.V.**, Chulkov, G.N. An electron-cyclotron resonance for electromagnetic waves propagating at an angle to a non-uniform magnetic field 8-71487
- Timofeenko, V.V.** see Bashenov, V.K. 8-51688, 8-72067, 8-72072
- Timofeev, A.B.** see Bonch-Bruevich, V.L. 8-80092
- Timofeev, A.N.** see Klotsman, S.M. 8-67851
- Timofeev, A.V.** Cyclotron oscillations of a large-Larmor-radius plasma 8-67338
- Timofeev, A.V.** A scheme for the direct conversion of thermal plasma energy 8-87502
- Timofeev, I.S.** The Staebble-Ligotsky isoplanasie condition and achromatization of the axial ray bundles in photographic objective design 8-65988
- Timofeev, N.A.** see Kagan, Ju.M. 8-67491
- Timofeev, N.A.** see Novoselova, A.A. 8-77260
- Timofeev, N.I.** see Gol'tsov, V.A. 8-52833

- Timofeev, V.A.** Influence of phonon relaxation on the ESR line shift and changes in the velocity of sound in concentrated paramagnets 8-88171
- Timofeev, V.A.** *see* Artemov, K.P. 8-86486
- Timofeev, V.B.** *see* Kulakovskii, V.D. 8-64413, 8-88361
- Timofeev, V.P.** *see* Arkhipkin, V.G. 8-50854, 8-55409
- Timofeev, V.P.** *see* Gagua, A.V. 8-74799
- Timofeev, V.P.** *see* Popov, A.K. 8-83036
- Timofeev, V.V.** *see* Shelkovnikov, N.I. 8-81205
- Timofeev, Yu.A.** *see* Bogaenko, I.N. 8-59281, 8-81931
- Timofeev, Yu.M.**, Tonkov, M.V. On the influence of the induced oxygen absorption band on the transformation of radiation in the 6 μ m region in the Earth's atmosphere 8-69446
- Timofeeva, G.M.** *see* Berlin, A.B. 8-77527
- Timofeeva, G.M.** *see* Soboleva, N.S. 8-65698
- Timofeeva, V.A.** *see* Bykov, A.B. 8-95247
- Timofeeva, V.A.** *see* Kazakevich, O.V. 8-72041
- Timofeeva, V.G.**, Anosova, I.A., Marchenko, L.M., Podgorodetskii, E.K. Influence of plasticizer mixtures in the characteristics of solutions and triacetate of cellulose films 8-49929
- Timofeyev, M.A.** *see* Andreyeva, M.N. 8-71609, 8-71610
- Timofeyev, Ye.Ye.**, Uspenskiy, M.V. Parallactic observations of the spatially ordered structure of a radio aurora 8-73561
- Timokhov, S.P.** *see* Ptashchenko, A.A. 8-76140
- Timonin, A.M.** *see* Burtsev, V.A. 8-71116
- Timoshechkin, M.I.** *see* Kaminskii, A.A. 8-95593
- Timoshenko, A.P.** *see* Iremashvili, D.V. 8-66735, 8-78874
- Timoshenko, N.N.**, Zmitruk, V.F. Standardization in ultrasonic quality control on metals 8-53142
- Timoshenko, N.N.** *see* Mel'gui, M.A. 8-60913
- Timoshin, Yu.V.** On solution of inverse geophysics problems by the method of dynamic models 8-85714
- Timothy, J.G.**, Bybee, R.L. Performance characteristics of high-conductivity channel electron multipliers 8-86334
- Timothy, J.G.** *see* Gethyn *see* Gethyn Timothy, J.
- Timper, A.J.** *see* Pinnow, D.A. 8-74974
- Timrot, D.L.**, Varava, A.N. Experimental investigation of the viscosity of sodium vapors 8-71416
- Timusk, T.**, Zarate, H.G. Far infrared absorption by electron-hole drops in germanium 8-56467
- Tin-Kan Hung**, Weissman, M.H. Transport and flow phenomena in a microchannel membrane oxygenator 8-69253
- Tindall, J.** *see* Von der Ohe, W. 8-78944
- Tindo, L.P.** *see* Ul'yanitskaya, A.D. 8-86746
- Tinelli, G.A.**, Holcomb, D.F. NMR and structural properties of CsAu and RbAu 8-68402
- Ting, C.S.**, Huang, C.Y. Anomalous resistivity maxima in some magnetic systems 8-79977
- Ting, C.Y.**, Vivalda, V.J., Schaefer, H.G. Study of planarized sputter-deposited SiO₂ 8-75959
- Ting, E.C.** Dissipative heating in a coated viscoelastic cylinder 8-79230
- Ting, E.C.** On the natural frequencies of continuous beam structures 8-83301
- Ting, J.Y.** *see* Goitein, M. 8-69220
- Ting, L.** Sound propagation through a subsonic jet due to a source near the duct exit 8-83446
- Ting, R.Y.** Characteristics of flow cavitation in dilute solutions of polyethylene oxide and polyacrylamide 8-67233
- Ting, S.** Interactions of photons with nuclear matter 8-82335
- Ting, S.C.C.** The discovery of the J particle. A personal recollection 8-73820
- Ting, S.C.C.** The discovery of the J particle—a personal recollection 8-78232
- Ting Ho Lee**, Rabalais, J.W. Molecular orbital study of the chemisorption of carbon monoxide on a tungsten (100) surface 8-71995
- Ting Lu** *see* Lu Ting
- Ting-chang Hsien** *see* Hsien Ting-chang
- Ting-i Wang**, Ochs, G.R., Clifford, S.F. A saturation-resistant optical scintillometer to measure C_n^2 8-65411
- Ting-te Mao** *see* Mao Ting-te
- Tinh, N.** *see* Nguyen van *see* Nguyen van Tinh, N.
- Tinkham, M.** Inhomogeneous superconductors 8-56269
- Tinkham, M.** *see* Weitz, D.A. 8-74916
- Tino, I.** *see* Rapos, M. 8-88034
- Tino, J.** *see* Klimo, V. 8-70746
- Tinoco, H.** *see* Bark, F.H. 8-71388
- Tinsley, B.A.** Effects of charge exchange involving H and H⁺ in the upper atmosphere 8-93021
- Tinsley, B.A.** *see* Maher, L.J. 8-93022
- Tinsley, B.M.** Evolutionary synthesis of the stellar population in elliptical galaxies. II. Late M giants and composition effects 8-57626
- Tinsley, B.M.** Accelerating Universe revisited 8-57707
- Tinsley, B.M.** *see* Dearborn, D. 8-93201
- Tinsley, B.M.** *see* Sunyaev, R.A. 8-89260
- Tinsley, J.** *see* Hoffman, G.W. 8-54760
- Tinsley, J.** *see* Hoffmann, G.W. 8-70526
- Tinti, S.** *see* Mattioli, F. 8-85604, 8-85605
- Tip, A.** Analytic behaviour of forward scattering amplitudes for electron (positron) scattering from atoms 8-58829
- Tipler, F.J.** Energy conditions and spacetime singularities 8-70032
- Tippelskirch, H.** *see* von Tippelskirch, H.
- Tipper, J.C.** *see* Gill, D. 8-81413
- Tippling, R.H.** *see* Poll, J.D. 8-88290
- Tippmann, H.** *see* Schmid, H. 8-95553
- Tirapegui, E.** On the Lorentz-Dirac equation for a classical charged particle. [Simple derivation] 8-62007
- Tirapegui, E.** *see* Chahine, C. 8-93830
- Tirapegui, E.** *see* Langouche, F. 8-74129
- Tirler, R.** *see* Baum, L. 8-89758
- Tirodkar, P.P.**, Pratap, R. DC conduction through thin films of magnesium oxide 8-88051
- Tirrell, M.**, Middleman, S. Shear deformation effects in enzyme catalysis. Metal ion effect in the shear inactivation of urease 8-76982
- Tirsell, K.G.** *see* Cheng, J.C. 8-66450
- Tirsell, K.G.** *see* Shay, H.D. 8-91132
- Tirsell, K.G.** *see* Slivinsky, V.W. 8-59672
- Tirsell, K.G.** *see* Storm, E.K. 8-74471
- Tirsh, G.** *see* Baier, F.V. 8-93125
- Tischenko, A.A.** *see* Gudzenko, A.I. 8-74995
- Tischenko, V.N.** Optimum conditions for formation of short and long duration pulses in CO₂ lasers 8-87037
- Tischer, K.M.** Treatment of oxide-cathode emission by semiconductor theory. I 8-88401
- Tischer, K.M.** Treatment of oxide cathode emission by semiconductor theory. II 8-95646
- Tischler, R.**, Mertin, D., El Farrah, A.H., Thirumala Rao, B.V., Kroth, R., Kleinrahm, A., Gunther, C., Hubel, H. Lifetimes of rotation-aligned states in ¹⁹⁰Pt 8-93969
- Tischler, R.** *see* Mertin, D. 8-70483
- Tiseno, Yu.A.** Decay of tripositronium into an electron and two photons 8-62960
- Tishakov, V.M.** A new dental drill 8-85450
- Tishchenko, A.A.** *see* Arsen'yan, T.I. 8-50706
- Tishchenko, E.A.** Formulation of diagnostics problems for short wavelength probing of plasma cylinder 8-67423
- Tishchenko, E.A.**, Zav'yalov, V.V., Zatselin, V.G., Lazarev, V.B. Measurement of the complex transmission coefficient in submillimeter diagnostics of the moving plasma filament by the converging wave beam 8-67424
- Tishchenko, G.N.** *see* Bezborodova, S.I. 8-71718
- Tishchenko, I.E.** *see* Ponomarenko, N.P. 8-75413
- Tishchenko, V.A.** *see* Glukhikh, V.A. 8-55020
- Tishchenko, V.G.** *see* Lisetskii, L.N. 8-71676
- Tishchenko, V.G.** *see* Tolmachev, A.V. 8-87616
- Tishchenko, V.N.** *see* Malits, P.Ya. 8-63411
- Tishchenko, Z.V.**, Bondarenko, V.N., Golechek, L.I. Heat exchange and resistance to flow of a gas in channels with lamellar surfaces with smooth ribbing 8-83218
- Tishin, Yu.L.** *see* Pospelov, V.V. 8-95382
- Tishkov, V.P.** *see* Gedeonov, L.I. 8-86699
- Tishkov, V.S.** *see* Belyi, I.M. 8-95084
- Tisnek, N.I.** *see* Votinov, P.A. 8-78592
- Tison, J.-L.** *see* Souchez, R. 8-61447
- Tisone, G.C.** *see* Gerber, R.A. 8-63102
- Tisone, G.C.** *see* Tellinghuisen, J. 8-70843
- Tissen, V.G.** *see* Antonov, V.E. 8-88144
- Tissen, V.G.** *see* Belash, I.T. 8-88145
- Tissier, A.** *see* Vulliet, P. 8-52380
- Titarchuk, L.G.** *see* Novikova, G.V. 8-54079
- Titarenko, S.V.** *see* Radomysel'skii, I.D. 8-60843
- Titarev, V.G.** *see* Guz', I.S. 8-80707
- Titchmarsh, J.M.** *see* Jenkins, M.L. 8-83852
- Tither, G.** *see* Morrow, J. 8-84858
- Titirichi, M.** *see* Apostolesku, S. 8-86562
- Titkov, E.F.** *see* Volod'ko, L.V. 8-82621
- Title, A.M.** Plastic birefringent filters and system applications 8-50943
- Titman, J.M.** *see* Marsden, J. 8-64292
- Titomir, L.L.** *see* Kneppo, P. 8-69244
- Titov, A.I.** *see* Burov, V.V. 8-86529
- Titov, A.I.** *see* Kaptar', L.P. 8-89851
- Titov, A.V.** *see* Gagulin, V.V. 8-76397
- Titov, A.V.** *see* Kiparisov, S.S. 8-60617
- Titov, B.F.** *see* Kostandov, Yu.A. 8-51858
- Titov, N.Ya.** *see* Stenin, V. 8-90641
- Titov, R.A.** *see* Akimov, A.V. 8-88360, 8-91400
- Titov, V.A.** *see* Korotkikh, V.L. 8-68071
- Titov, V.M.** *see* Merikieva, A.P. 8-89043
- Titov, V.M.** *see* Merzhievskii, L.A. 8-53788
- Titov, V.V.** Ion implantation—problems and perspectives 8-75687
- Titov, V.V.**, Zverkova, T.I., Kovshev, E.I., Fialkov, Yu.N., Shelazhenko, S.V., Yagupolski, L.M. Synthesis and mesomorphism of aryl p-fluoralkyl(alkoxy)benzoates 8-91243
- Titov, Y.I.** *see* Esaulov, A.S. 8-62411
- Titov, Yu.I.** *see* Kolesnikov, L.Ya. 8-54636
- Tittel, F.** *see* Marowsky, G. 8-82948
- Tittel, F.K.** *see* Blit, S. 8-50806, 8-55401
- Tittel, F.K.** *see* Heudorfer, W. 8-94393
- Tittel, F.K.** *see* Marowsky, G. 8-58984, 8-66820, 8-74898
- Tittel, F.K.** *see* Rabson, T.A. 8-71066, 8-79086
- Tittel, H.**, Bell, F. N-shell ionization of tungsten by proton impact 8-78800
- Tittel, K.** *see* Hansl, T. 8-74244, 8-89698, 8-89860
- Tittel, K.** *see* Holder, M. 8-55103
- Tittel, K.** *see* Stickel, R.E., Jr. 8-83029
- Titterton, E.W.** *see* Ray, P.S. 8-59664
- Tittmann, B.R.**, Cohen-Tenoudji, F., de Billy, M., Jungman, A., Quentin, G. A simple approach to estimate the size of small surface cracks with the use of acoustic surface waves 8-76793
- Tittmann, B.R.** *see* Evans, A.G. 8-67772
- Titulaer, U.M.** A systematic solution procedure for the Fokker-Planck equation of a Brownian particle in the high-friction case 8-49767
- Titulaer, U.M.** Dielectric relaxation and dielectric fluctuations 8-56425
- Titus, J.L.** *see* Tacker, W.A., Jr. 8-57052
- Titze, H.** *see* Fagerstrom, P.O. 8-72190
- Titze, O.** *see* Foh, J. 8-70681
- Titze, O.** *see* Frey, R. 8-50154
- Titze, O.** *see* Graf, H.-D. 8-70653
- Titze, O.** *see* Knapfer, W. 8-86521
- Titze, O.** *see* Schull, D. 8-70680
- Tiu, C.**, Tan, K.L. Boundary layer analysis of viscoelastic flow in annuli 8-63459
- Tiunov, E.A.** *see* Zborovskii, V.A. 8-82993
- Tiuri, M.**, Hallikainen, M., Laaperi, A. Radiometer studies of low-salinity sea ice 8-81175
- Tivant, P.** *see* Magdelenat, H. 8-76875
- Tiwari, B.N.** *see* Dubey, B.L. 8-88091
- Tiwari, G.N.** Power flow in a relativistically moving anisotropic warm plasma-filled waveguide 8-55725
- Tiwari, G.N.** Propagation characteristics of moving isotropic homogeneous and inhomogeneous lossy plasma-filled waveguide 8-67367
- Tiwari, G.P.** Modification of Richard's rule and correlation between entropy of fusion and allotropic behaviour 8-71838
- Tiwari, M.D.** *see* Agraval, B.K. 8-76506
- Tiwari, M.D.** *see* Indu, B.D. 8-51699
- Tiwari, M.K.** *see* Kumar, A. 8-76123
- Tiwari, P.** *see* Ojha, S.P. 8-90273
- Tiwari, S.K.** *see* Suryanarayana, C. 8-52772
- Tiwari, S.N.** Origin of gas bubbles in aluminium 8-85115
- Tiwari, S.N.**, Gupta, S.K. Accurate spectral modeling for infrared radiation 8-91062
- Tiwari, V.** Deviation from Rao-Wada rule for mixtures of liquid n-H₂, n-D₂ and Ne 8-75729
- Tiwary, S.N.**, Rai, D.K. Ionization of alkali-metal atoms by He⁺ impact 8-55225
- Tiwary, S.N.**, Rai, D.K. Electron impact excitation of alkali metal atoms 8-62921
- Tixier, M.**, Charcosset, G. Partially ducted whistlers over Europe 8-65463
- Tjaden, D.L.A.** First-order correction to 'weak-guidance' approximation in fibre optics theory 8-90519
- Tjapkin, D.A.**, Milanovic, V.B. Determination of arbitrary doping profile in p-n junctions 8-88021
- Tjokrosetio, H.** *see* Wehrum, A. 8-71382
- Tjom, P.O.**, Espe, I., Hagemann, G.B., Herskind, B., Hillis, D.L., Simon, R.S. A new experimental method for the study of high spin and excitation energy regions 8-54795
- Tjon, J.A.** Bound-state calculations of ⁴He with the Reid soft-core interaction 8-54678
- Tjon, J.A.** *see* Courtenay Lewis, J. 8-70046
- Tkach, I.I.** *see* Burq, J.P. 8-89741
- Tkach, L.N.** *see* Kravtsov, A.V. 8-50046
- Tkach, N.V.** *see* Boichuk, V.I. 8-79943
- Tkach, N.V.** *see* Ermakov, V.N. 8-72569
- Tkach, R.**, Wagner, D.K., Rosenthal, M.D. Effect of modulation on the radiofrequency size effect 8-91716
- Tkachenko, A.K.** *see* Gorban, I.S. 8-84217
- Tkachenko, B.K.** *see* Zuev, A.P. 8-74741
- Tkachenko, N.N.**, Petrov, L.N., Kostukov, A.I., Liskevich, I.Yu. Influence of a radical in the presence of nitrogen atoms on the protective properties of inhibitors based on diammonium salts in low-cycle corrosion fatigue of steel 20 8-56808
- Tkachenko, V.I.**, Tkachenko, V.I.I. Beam-plasma instabilities in periodic electric field 8-55727
- Tkachenko, V.I.** *see* Volodin, E.Ya. 8-53779
- Tkachenko, V.I.I.** *see* Tkachenko, V.I. 8-55727

- Tkachenko, Yu.G.**, Garda, A.P., Yurchenko, D.Z., Gorbатов, I.N., Grechishkin, E.F. Wear-resistant detonation oxide coatings 8-60877
- Tkachenko, Yu.G.**, Gorbатов, I.N. Equipment for investigating friction and wear at high temperatures in air 8-56839
- Tkachenko, Yu.G.**, Grabchuk, B.L., Bodnaruk, N.I., Sychev, V.V. Friction and wear of boron carbide at temperatures in the range 20-1500°C 8-60844
- Tkachev, G.N.** see Lankis, L.K. 8-69290
- Tkachev, G.V.** Characteristics of a source of vibrations placed in a layer of liquid 8-75154
- Tkachev, V.D.** see Karsybaev, M.Sh. 8-51939
- Tkachev, V.D.** see Lugakov, P.F. 8-56158
- Tkachev, V.D.** see Poklonskii, N.A. 8-79959
- Tkachev, V.I.** see Pistun, I.P. 8-64649
- Tkacheva, G.I.** see Kantur, O.V. 8-85076
- Tkachuk, B.V.** see Kalyuzhnyi, V.M. 8-49928, 8-58083
- Tkachuk, R.**, Kuzina, F.D. Sulfur as a proposed near infrared reflectance standard 8-90464
- Tkachuk, V.K.** see Lovoduyuk, V.A. 8-80563
- Tkacz, M.** see Baranowski, B. 8-51679
- Tkaczyk, W.** Interpretation of some gamma astronomy observations 8-96571
- Tkatchenko, A.P.** see Braude, S.Ya. 8-57471
- Tkebuchava, F.G.** Determination of the induced pseudoscalar nucleon form factor from analysis of the reaction $\pi^+p \rightarrow e^+e^-n$ in the current algebraic approach 8-78212
- Tkhor, G.A.** see Zhvaniya, I.A. 8-67004
- Tkhorik, Yu.A.** see Borkovskaya, O.Yu. 8-76024
- Tkhorik, Yu.A.** see Konakova, R.V. 8-72255
- Tlachala, V.** see Basiladze, S.G. 8-78594
- Toba, Y.**, Sakaguchi, H., Goto, A., Ohtani, F., Nakanishi, N., Kishida, N., Yasue, M., Hasegawa, T. Proton inelastic scattering on $^{28,29,30}\text{Si}$ and blocking effect in the core-excitation of ^{29}Si 8-82336
- Tobazeon, R.**, Lacroix, J.C. A new method for studying ion injection in liquid benzene 8-63870
- Tobbe, H.** see Verbeek, P. 8-58336
- Tobias, L.**, Balazs, N.L. A theory of field-induced birefringence applicable to systems of large molecules 8-76421
- Tobin, A.** see Brown, T. 8-55022
- Tobin, M.C.** Theory of phase transition kinetics with growth site impingement. III. Mixed heterogeneous-homogeneous nucleation and nonintegral exponents of the time 8-55820
- Tobiska, L.** Asymptotic solution of the plane heat balance equation for stationary boundary layer flow 8-63430
- Tobler, R.L.** Fracture of structural alloys at temperatures approaching absolute zero 8-72877
- Tobler, R.L.**, Reed, R.P., Schramm, R.E. Cryogenic tensile, fatigue, and fracture parameters for a solution-annealed 19 percent nickel maraging steel 8-92311
- Tobocman, W.** Comparison of methods for calculating decay lifetimes 8-78325
- Tobocman, W.** see Goldflam, R. 8-78329
- Tobocman, W.** see Lewanski, A.J. 8-50139
- Tobschall, H.J.**, Laskowski, N., Kritisotakis, K. Analytical techniques for the study of the distribution and speciation of heavy metals in aquatic systems 8-69390
- Tochitani, Y.** see Kaji, N. 8-94872
- Tod, K.P.** see Hansen, R.O. 8-89376
- Toda, H.** see Fukuoka, H. 8-64790
- Toda, K.**, Shinoda, Y. A unidirectional transducer with three electrode groups for Lamb-wave devices 8-51034
- Toda, M.**, Osaka, S., Fukazawa, K., Yamada, A. Low distortion FM demodulator using surface acoustic wave delay device 8-51014
- Toda, S.**, Komatsu, K. Buckling of cantilever cones under external pressure 8-71287
- Todd, A.M.M.** see Stacey, W.M., Jr. 8-66418
- Todd, G.**, Poppa, H. Some performance tests of a microarea AES 8-73106
- Todd, J.** A computer controlled manipulator 8-81083
- Todd, J.R.** see Brown, J.S. 8-84189
- Todd, L.J.** see Wright, W.F. 8-90190
- Todd, S.S.**, Hossenlopp, I.A., Scott, D.W. Vapour-flow calorimetry of benzene 8-91058
- Todorean, G.** see Chereji, I. 8-93115
- Todes, O.M.** see Gol'tsiker, A.D. 8-51227
- Todes, O.M.** see Rozenbaum, R.B. 8-59475
- Todesaite, R.** see Ambrazevicius, A. 8-67596
- Todo, I.** see Yamashita, H. 8-52456
- Todokoro, H.** see Nomura, S. 8-53286, 8-85244
- Todokoro, Y.**, Teramoto, I. The stress-enhanced diffusion of boron in silicon 8-67865
- Todoroki, J.** Stability of modified bumpy torus 8-83594
- Todorov, P.T.** see Gentchev, V.I. 8-78174
- Todorov, R.P.**, Kolarov, D.M., Razkazov, N.I. Powder metallurgy—a new and progressive method of manufacturing highly effective products and materials 8-52714
- Todorov, T.** see Nierzewski, K.D. 8-51539
- Todorov, T.** see Nikolova, L. 8-64344
- Todorovic, M.S.** see Georgievic, J.R. 8-87550
- Todorovic, M.S.** see Krstic, P.S. 8-71578
- Todorovic, Z.** see Grabez, B. 8-89925
- Todorovsky, D.S.** see Kostadinov, K.N. 8-73113
- Todreas, N.** see Moreno, P. 8-50244
- Todreas, N.E.** see Kelly, J.M. 8-94081
- Toei, R.** see Furuta, T. 8-87382
- Toennies, J.P.** see Bauer, W. 8-66626, 8-73025
- Toennies, J.P.** see Faubel, M. 8-54506
- Toennies, J.P.** see Tang, K.T. 8-74728
- Toepfer, A.J.**, Tiffany, W. Stability of multiple shell ICF capsules 8-58474
- Toepfer, A.J.** see Mix, L.P. 8-58477
- Toepfer, A.J.** see Shope, S. 8-78520
- Tofani, G.** see Donati Falchi, A. 8-53910
- Tofani, G.** see Felli, M. 8-96514
- Tofe, A.J.** see Potsaid, M.S. 8-61251
- Toffoli, P.** see Bouchetiere, M. 8-59791
- Toffoli, P.P.**, Khodadad, P., Rodier, N. Crystal structure of the hexaselenohyodiphosphate of silver, $\text{Ag}_2\text{P}_2\text{Se}_6$ 8-63703
- Toffolo, W.E.**, Chen, W.Y., Purcell, J.R., Wesley, J.C. Parallel connected ohmic heating coil system for a doublet Tokamak fusion reactor 8-54930
- Toffolo, W.E.** see Chen, W.Y. 8-62636
- Tofield, B.C.** Anion deficiency in strontium titanate 8-51532
- Tofield, B.C.** see Hooper, A. 8-51725
- Tofpenets, R.L.**, Malashenko, L.M., Vasil'eva, L.A. Influence of pre-recrystallisation annealing on the substructure and properties of quenched deformed bronze BrB_2 8-60677
- Togami, Y.** Stability of small bits written in amorphous GdCo thin films 8-68314
- Togami, Y.**, Chiba, T. Limitation of the observable surface acoustic wave amplitude in frequency-shift holography 8-71058
- Togami, Y.**, Chiba, T. Observation of bulk waves and surface waves through side planes of several cuts of LiNbO_3 SAW devices 8-71238
- Togano, K.** see Sekine, H. 8-68126
- Togawa, T.** see Ito, H. 8-66166
- Tognacci, L.** see Vulpis, N. 8-69145
- Tognetti, V.** see Balucani, U. 8-56279, 8-80336
- Tognolli, J.O.** see Molina, M. 8-88637
- Togo, M.** see Matsuda, T. 8-96124
- Togo, Y.** see Kodaira, H. 8-54840
- Togonidze, G.I.** see Povince, P. 8-74544
- Togulev, V.P.** The design of wide-aperture condensers for projection systems 8-55430
- Toguri, J.M.** see Fukunaka, Y. 8-51658
- Toguri, J.M.** see Jacob, K.T. 8-83976
- Toguri, J.M.** see Waseda, Y. 8-94967
- Tohge, N.** see Minami, T. 8-59762
- Tohsaki-Suzuki, A.** New microscopic treatment of the interaction between complex nuclei 8-66304
- Tohsaki-Suzuki, A.**, Naito, K., Ando, T., Ikeda, K. Microscopic studies of interaction between composite nuclei 8-54780
- Tohsaki-Suzuki, A.** see Ando, T. 8-89899
- Tohyama, K.**, Miyata, N., Honda, M. The anisotropy in the magnetic susceptibility of poly- γ -benzyl-L-glutamate 8-74794
- Toi, K.**, Itoh, S., Fujita, J., Kadota, K., Kawahata, K., Kawasumi, Y., Matsuura, K., Noda, N., Tanahashi, S. Tokamak experiments on JIPP T-11 with pulsed gas injection 8-71527
- Toi, K.** see Itoh, S. 8-55738
- Toi, K.** see Sometani, T. 8-63575
- Toi Vo Van** see Vo Van Toi
- Toigo, F.** see Cole, M.W. 8-51770
- Toigo, F.** see Marvin, A.M. 8-60529, 8-88393
- Toigo, F.** see Stella, A.L. 8-56338
- Tojo, T.** An accurate correction method of counting loss for G.M. counters using an anti-coincidence gated scaler and a live timer 8-86737
- Tokaji, K.**, Ando, Z., Nakano, N., Takegoshi, K. Effect of tensile pre-load on push-pull fatigue strength of carbon steel (on behaviour of plastic strain range) 8-64625
- Tokaji, K.**, Ando, Z., Nakano, N., Takegoshi, K. Effect of high tensile load during stress cycling on push-pull fatigue strength of carbon steel 8-92332
- Tokar, M.Z.** see Petrov, V.G. 8-87501
- Tokar, V.I.** see Balenko, V.G. 8-88782
- Tokarenko, A.V.** see Kravchenko, V.F. 8-67014
- Tokarev, A.I.** see Antuf'eva, R.N. 8-59220
- Tokareva, A.N.** see Basov, Yu.G. 8-71114
- Tokarivskii, M.V.** see Vishnevskii, V.N. 8-72586
- Tokarzewska, M.**, Szopa, J. The effect of some physicochemical properties of PVC pastes on the apparent density of foams prepared from them by mechanical foaming 8-85212
- Tokatly, V.I.** see Zalt'sman, Ye.B. 8-57987
- Tokhadze, K.G.** see Rutkovskii, K.S. 8-86899
- Toki, H.** see Futami, Y. 8-74323
- Toki, H.** see Ploszajczak, M. 8-50079, 8-70431
- Toki, H.** see Yadav, H.L. 8-62485, 8-70446
- Tokieda, K.** see Ito, H. 8-96134
- Tokiguchi, K.**, Sakudo, N., Taya, S., Koike, H., Kanomata, I. Ion beam image transformation using magnetic quadrupole lenses 8-55071
- Tokiguchi, K.**, Taya, S., Sakudo, N., Koike, H., Kanomata, I. Influence of space charge neutralization on mass separator transmission 8-82073
- Tokiguchi, K.** see Sakudo, N. 8-70224
- Tokiguchi, K.** see Tamura, M. 8-83835
- Tokii, V.V.** see Galkin, A.A. 8-55869
- Tokii, V.V.** see Kosevich, A.M. 8-75666
- Tokikumi, K.**, Komiya, K. Resolution characteristics evaluation method for solidstate image sensor 8-50939
- Tokisue, H.**, Abbaschian, G.J. Friction and wear properties of aluminum-particulate graphite composites 8-72890
- Tokiwa, H.**, Suematsu, Y., Furuya, K. Estimation of coupling length in mode-coupled multimode optical fibers 8-66933
- Tokiwa, H.** see Furuya, K. 8-63195
- Tokiwa, H.** see Suematsu, Y. 8-90526
- Tokizane, M.**, Maruyama, Y. The effects of deformation temperature and aging after deformation on martensitic transformation temperature in an Fe-Ni-C alloy 8-76650
- Tokmin, A.M.** see Geller, Yu.A. 8-84989
- Tokozawa, Y.**, Tanimoto, M. Sidebands on EPR lines in impurity-doped two-dimensional systems 8-56370
- Toksoz, M.**, Nafi see Nafi Toksoz, M.
- Tokuda, K.** see Gueshi, T. 8-85236
- Tokuda, M.** see Ohashi, Y. 8-52913
- Tokuda, N.** Computer program for determining stress intensity factors for two-dimensional cracks in plate structures 8-51123
- Tokuda, N.** see Fukushima, M. 8-62409
- Tokuda, S.** Laminar heat transfer from a flat plate with small velocity fluctuation on the wall 8-94710
- Tokuda, Y.**, Oda, M., Usami, A. Electrical properties of 1.7-MeV-electron-irradiated sulfur-doped GaP 8-80005
- Tokuda, Y.**, Usami, A. Studies of defects in neutron-irradiated p-type silicon by admittance measurements of n^+p diodes 8-51587
- Tokumaru, H.** see Takeuchi, Y. 8-86116
- Tokumaru, Y.** see Tajima, M. 8-84663
- Tokumitsu, J.**, Kawata, S., Ichioka, Y., Suzuki, T. Adaptive binarization using a hybrid image processing system 8-87019
- Tokumitsu, M.** see Tachikawa, J. 8-58396
- Tokumitsu, S.** see Sakamoto, Y. 8-52857
- Tokunaga, A.T.**, Erickson, E.F., Caroff, L.J., Dana, R.A. The far-infrared spectrum of Si40 IR 8-93372
- Tokunaga, F.** see Nakamura, T. 8-69066
- Tokunaga, M.** Fourier transform of the dipole-dipole interaction in orthorhombic base-centered lattices 8-76404
- Tokunaga, M.**, Yagi, T. Fourier transform of the dipole-dipole interaction in orthorhombic lattices 8-64334
- Tokunaga, O.**, Nishimura, K., Machi, S., Washino, M. Radiation treatment of exhaust gases. I. Oxidation of NO and reduction of NO_2 8-80765
- Tokunaga, O.**, Nishimura, K., Washino, M. Radiation treatment of exhaust gases. II. Oxidation of sulfur dioxide in the moist mixture of oxygen and nitrogen 8-80766
- Tokunaga, T.** see Tange, H. 8-76243
- Tokunaga, Y.**, Kusaba, N. Hot shortness of Fe-Ni alloy 8-84998
- Tokuoka, N.**, Takeshi Sato, G. The study of a liquid atomization by impinging of two jets 8-87373
- Tokuoka, T.** Continuum mechanics in a space of any dimension. IV. Viscometric flows of general fluids 8-87425
- Tokuoka, T.** Constitutive equations of Prandtl-Reuss plastic material with general work-hardening 8-92276
- Tokuoka, Y.** see Uehori, T. 8-95479
- Tokuyama, M.** see Morita, T. 8-54286, 8-75264
- Tokuyama, T.**, Miyao, M., Yoshihiro, N. Nature and annealing behavior of disorders in ion implanted silicon 8-83836
- Tokuyama, T.** see Miyake, K. 8-66006
- Tokuyama, T.** see Miyao, M. 8-55883, 8-67726
- Tokuyama, T.** see Tamura, M. 8-83835, 8-87672
- Toland, J.F.** On the existence of a wave of greatest height and Stokes's conjecture 8-94754
- Tolar, J.** see Niederle, J. 8-86171
- Tolbert, B.M.** see Bigler, W.N. 8-53341, 8-53342
- Toledo, A.** Szanto de see Szanto de Toledo, A.
- Toledo Piza, A.F.R.** de see de Toledo Piza, A.F.R.
- Toledo Piza, A.F.R.** De see De Toledo Piza, A.F.R.

- Toler, J.C.,** Cain, F.L. A survey of exposure facilities for bioeffects research 8-73174
- Tolfree, D.W.L.** see Armitage, B.H. 8-94156
- Tolgyessy, J.** see Chacharker, M.P. 8-95984
- Tolgyessy, J.** see Cornell, D. 8-95983
- Tolk, K.M.** see Brennan, M. 8-54964
- Tolk, K.M.** see Driga, M.D. 8-54953
- Tolk, K.M.** see Gully, J.H. 8-54952
- Tolk, K.M.** see Mayhall, D.J. 8-54951
- Tolk, N.H.,** Tully, J.C., Kraus, J.S., Heiland, W., Neff, S.H. Elliptic polarization of Balmer radiation from low-energy grazing-incidence collisions of hydrogen ions on surfaces 8-86804
- Tolk, N.H.** see Leung, S.Y. 8-95644
- Tolkachev, A.M.** see Alexandrovskii, A.N. 8-95163
- Tolkachev, O.M.** see Silin, V.P. 8-72240
- Tolkachev, V.A.** see Borisovich, N.A. 8-74904
- Tolkachev, V.E.** Cleaning of steel surface in glow discharge 8-95848
- Tolkachev, V.S.** see Kaz'min, G.S. 8-78517
- Toller, M.,** Vanzo, L. Free fields on the Poincaré group 8-70016
- Tolles, W.M.,** Eesley, G.L., Levenson, M.D. Heterodyne detection of coherent signals 8-82055
- Tolmach, A.P.,** Mitz, A.R., von Rump, S.L., Pepper, M.L., Tolmach, L.J. Computer-assisted analysis of time lapse cinemicrographs of cultured cells 8-92756
- Tolmach, L.J.** see Tolmach, A.P. 8-92756
- Tolmachev, A.N.** see Glushkov, M.V. 8-91707
- Tolmachev, A.V.,** Tishchenko, V.G., Lisetskii, L.N. Optical properties and structural ordering of the plane texture of a cholesteric liquid crystal 8-87616
- Tolmachev, Yu.A.** see Bagaev, S.A. 8-70942
- Tolmachev, Yu.A.** see Kartazhev, V.A. 8-50627
- Tolmachev, Yu.A.** see Oginets, O.V. 8-50501
- Tolmacheva, G.A.** see Fel'dgandler, E.G. 8-84867
- Tolochko, S.P.,** Vechev, A.A., Kononyuk, I.F., Makhnach, L.V., Yashchuk, S.S. Variation of the electrical resistivity of materials of the Kh20N80-alloy-magnesia system with composition and method of preparation 8-60637
- Tolokonnikov, G.K.** Associative Hamiltonian algebras 8-69975
- Tolpadi, S.** see Mehrotra, S.N. 8-76045
- Tolpygo, K.B.** see Borghardt, A.A. 8-56418
- Tolpygo, K.B.** see Shatalov, V.M. 8-63972
- Tolpygo, K.B.** see Telezhiin, V.A. 8-67980
- Tolpygo, K.B.** see Zubkova, S.M. 8-91624
- Tolshmyakov, A.I.** see Zhidov, I.G. 8-83410
- Tolstenkov, A.N.** Inclusive reactions in the central region 8-58218
- Tolstik, A.M.** see Golosov, N.S. 8-88463
- Tolstoi, A.V.** see Gitgarts, M.I. 8-67682
- Tolstoi, M.I.** see Galant, E.I. 8-88364
- Tolstoi, M.N.** see Arbutov, V.I. 8-68557
- Tolstoi, M.N.** see Ageeva, L.E. 8-71107
- Tolstoi, M.N.** see Arbutov, V.I. 8-68558
- Tolstoi, M.N.** see Brachkovskaya, N.B. 8-84602
- Tolstoi, M.N.** see Glebov, L.B. 8-87176
- Tolstov, K.D.** see Shabratova, G.S. 8-82359
- Tolstykh, A.L.** Condensation of grid points in the process of solving and using high order schemes in numerical integration of viscous gas flows 8-59363
- Tolubinskii, V.I.,** Antonenko, V.A., Kriveshko, A.A., Ostrovskii, Yu.N. Suppression of nucleate boiling in a stationary liquid film 8-75055
- Tolubinskii, V.I.,** Antonenko, V.A., Ostrovskii, Yu.N. Effect of state of heat-transfer surface on rupture of thin films of boiling liquid 8-55552
- Tolubinskii, V.I.,** Antonenko, V.A., Ostrovskii, Yu.N. Variation in number of active vaporization sites as a function of height of fluid layer 8-59273
- Tolubinskii, V.I.,** Antonenko, V.A., Ostrovskii, Yu.N. The boundary region of existence of bubble boiling in a saturated liquid 8-83234
- Tolubinskii, V.I.,** Antonenko, V.O., Ostrovskii, Yu.N., Shevchuk, E.N. Heat exchange in wicks of low-temperature heat pipes 8-90639
- Tolubinskii, V.I.,** Ostrovskii, Yu.N., Pisarev, V.E. Delayed boiling in nonstationary heat exchange with phase transformations 8-83235
- Tolubinskiy, V.I.,** Domashev, Ye.D., Lito-shenko, A.K., Matorin, A.S. Boiling crisis in concentric and eccentric annuli 8-55639
- Tolubinsky, V.I.,** Antonenko, V.A., Ostrovsky, Yu.N. Some heat transfer peculiarities in thin films of boiling liquid 8-90656
- Tom, J.L.** see Waterman, F.M. 8-53509
- Toma, M.,** Sandulovicu, M. On the electric charging time of a metallic electrode in contact with negative glow plasma 8-67525
- Tomala, K.** see Fink, J. 8-95536
- Tomandl, G.** see Stiegelschmitt, A. 8-57891
- Tomanov, V.P.** On the asymmetry in the perihelion distribution of cometary orbits 8-96429
- Tomanov, V.P.** see Radzievskii, V.V. 8-53888
- Tomari, H.** see Shimogori, K. 8-72927
- Tomaz, A.,** Guittard, M., Shilo, I. Crystalline structure of spinel CdEr₂S₄ 8-91326
- Tomas, M.** see Debarbat, S. 8-89115
- Tomasak, F.** see Odehnal, M. 8-92726
- Tomasak, M.,** Mikusik, P. Shockley surface states on three faces of BCC iron 8-76126
- Tomasak, M.,** Pick, S. Projected surface energy bands and Shockley surface states of transition metals. General considerations and the example of the BCC lattice 8-88009
- Tomasak, M.,** Pick, S. On Shockley surface states and bonding in TiC 8-91739
- Tomasak, M.** see Pick, S. 8-68061
- Tomaselli, M.,** Herold, D. Core excitations to the low-lying states of thallium isotopes 8-89794
- Tomasich, M.** see Sitek, J. 8-64305
- Tomasko, M.V.** see Lane, A.L. 8-93133
- Tomasic, S.P.,** Turner, G.N., Dewey, W.C. Effect of hyperthermia on nonhistone proteins isolated with DNA [and X-irradiation] 8-80843
- Tomassetti, G.** see Ambrosini, R. 8-85845
- Tomassian, A.** see Rushneck, D.R. 8-77460
- Tomassini, M.** see Marchetti, R. 8-55360
- Tomassini, M.** see Penco, E. 8-50784
- Tomaszewicz, A.** The SEG-1 mathematical model for polypolytic structures 8-75613
- Tombrello, T.A.** see Haff, P.K. 8-53855
- Tombrello, T.A.** see Weller, R.A. 8-68593
- Tomchakov, V.K.** see Kuznetsov, V.M. 8-78601
- Tomchakov, V.K.** see Zabaev, V.N. 8-66124
- Tomchinskii, V.Yu.** see Dzhibuti, R.I. 8-78365
- Tomchuk, E.** see Dong, R.Y. 8-79749
- Tomchuk, P.M.** see Dykman, I.M. 8-52024
- Tomenko, Yu.S.** see Khristenko, I.N. 8-76703
- Tomida, Y.** see Ishikawa, K. 8-76561
- Tomii, K.,** Ishii, T., Otomo, S., Miyachi, K. Improved rod drop method for rod worth measurement 8-54846
- Tomilin, D.D.** see Kim, K.K. 8-75181
- Tomilin, I.A.** see Mikhailova, L.K. 8-59781
- Tomilin, M.G.** see Gol'din, K.R. 8-89578
- Tomilin, M.G.** see Sokolova, T.P. 8-57932
- Tomilov, G.S.** Theory and design of magnetizers for magnetically inspecting the structure and mechanical properties of massive and elongated parts 8-85102
- Tomimasu, T.** The production of monochromatic photons by high energy electrons 8-74821
- Tomimasu, T.** Applications of radiation effects on semiconductor devices to radiation dose measurement 8-78504
- Tomimasu, T.** Present status of electron linear accelerators and their utilization in research and development 8-78514
- Tomimasu, T.** The design of a proposed high energy and low running cost electron linac 8-78516
- Tomimasu, T.** Pion production by the use of electron linear accelerators and its applications 8-78533
- Tomimasu, T.,** Mikado, T., Yamazaki, T., Sugiyama, S., Chiwaki, M., Noguchi, T. Energy up of the ETL electron linear acceleration by the improvement of klystron operation efficiency 8-78515
- Tomimasu, T.,** Yamazaki, T., Chiwaki, M., Mikado, T., Hayashi, K. Absolute measurement of the absorbed dose in water bombarded with 25 MeV electrons by means of a total absorption type calorimeter and small size, high level dose detectors 8-78501
- Tomimasu, T.** see Mikado, T. 8-78502
- Tomimasu, T.** see Sugiyama, S. 8-74506
- Tomimasu, T.** see Yamazaki, T. 8-78503
- Tomimatsu, A.** Classical pseudoparticle solutions in general relativity 8-89390
- Tomimatsu, A.** see Tajima, N. 8-53813
- Tomimatsu, M.** see Sunamoto, D. 8-68808
- Tomimura, N.** Evolution of inhomogeneous plane-symmetric cosmological models 8-49733
- Tominaga, M.** see Kita, K. 8-52963
- Tominaga, S.,** Nayatani, Y., Nagata, S., Sasaki, T., Ueda, I. Use of fast Fourier transform in γ -ray spectral analysis 8-90047
- Tominaga, Y.** see Nakamura, T. 8-76006
- Tominskii, V.S.,** Ivanov, A.S., Maslakov, S.B., Solodov, V.Ya. The influence of phase composition on the fracture of titanium alloys VT16 and VT9 8-56665
- Tomishima, Y.,** Yonei, K. Thomas-Fermi theory for atoms in a strong magnetic field 8-62724
- Tomiska, J.,** Nowotny, H., Erdelyi, L., Neckel, A. Mass spectrometric determination of the thermodynamic activities of the liquid alloy system Au-Ni and calculation of the phase diagram 8-51707
- Tomita, H.** Metastability in the kinetic spherical model 8-65873
- Tomita, H.** A simple self-consistent method in the theory of spinodal decomposition 8-68671
- Tomita, H.** see Ushirokawa, A. 8-61700
- Tomita, K.** Observation of occultation of the SAO 158687 star by Uranus at Dodaira Station 8-61716
- Tomita, K.** On inhomogeneous cosmological models containing space-like and time-like singularities alternately 8-69925
- Tomita, K.,** Kai, T. Stroboscopic phase portrait and strange attractors 8-54177
- Tomita, K.** see Kozai, Y. 8-89074
- Tomita, K.** see Sato, H. 8-89065
- Tomita, M.** see Ishii, K. 8-74590
- Tomita, T.** see Matsuura, T. 8-69060
- Tomita, T.** see Sugimoto, H. 8-92610
- Tomita, Y.** see Arai, S. 8-63500
- Tomita, Y.** see Totaki, T. 8-63479
- Tomita, Y.** see Shirakashi, M. 8-90863
- Tomiyasu, K.** Synthetic aperture radar in geosynchronous orbit 8-65442
- Tomiyasu, K.** Central swath mapping by a future satellite-borne fan-beam microwave scatterometer for inferring global ocean wind fields 8-73529
- Tomiyasu, K.** Tutorial review of synthetic-aperture radar (SAR) with applications to imaging of the ocean surface 8-81445
- Tomizawa, G.** see Nishi, I. 8-88756
- Tomkiewicz, Y.,** Anderson, J.R., Taranko, A.R. Relative stability of donor and acceptor stacks against Peierls distortion in the tetrathia- and tetraselenafulvalene-tetracyanoquinodimethane family of organic metals 8-51979
- Tomkiewicz, Y.,** Taranko, A.R. Spin relaxations in quasi-one-dimensional organic conductors: tetrathiafulvalene (TTF) halides 8-88190
- Tomkiewicz, Y.** see Kagoshima, S. 8-75795
- Tomkin, J.,** Lambert, D.L. Detection of the secondary of Algol 8-65654
- Tomkin, J.,** Lambert, D.L. Carbon, nitrogen, and oxygen abundances in main-sequence stars. I. Procyon and the Hyades cluster stars 45 Tauri and HD 27561 8-93222
- Tomkin, J.** see Sneden, C. 8-57548
- Tomkins, B.,** Gittus, J.H. Stress corrosion crack growth for short cracks with particular reference to the Zircaloy-2/iodine system 8-80685
- Tomkins, B.** see Wareing, J. 8-80652
- Tomkins, F.S.** see Fonck, R.J. 8-58642
- Tomkins, F.S.** see Lu, K.T. 8-90109
- Tomkins, F.S.** see Parkinson, W.H. 8-66511
- Tomkinson, J.** see Ferguson, P. 8-88015
- Tomkova, E.** see Eckertova, L. 8-52604
- Tomkova, E.** see Hronsky, V. 8-70121
- Tomlin, D.H.,** Fullerton, G.K. Electrical circuit analogues of thermal conduction and diffusion [for teachers] 8-86089
- Tomlinson, J.P.** see Mayne, K.D. (editor) 8-66959
- Tomlinson, P.N.,** Venter, R.D., de Malherbe, R., Lees, L. A mathematical model for the determination of the breakage distribution in batch grinding 8-92416
- Tomlinson, R.D.** see Thwaites, M.J. 8-95576
- Tomlinson, R.L.** Industrial neutron radiography in the United States of America 8-60891
- Tomlinson, W.J.,** Andrews, A.J. Densities of FCC nickel-iron alloys 8-55904
- Tomlinson, W.J.,** Chinlon Lin Optical wavelength-division multiplexer for the 1-1.4 μ m spectral region 8-55451
- Tomlinson, W.J.,** Menzies, I.A. Oxidation of an Fe-19 wt.%Ni alloy in CO₂ at 700-1000°C 8-72931
- Tomlinson, W.J.,** Randall, S.C. Oxidation kinetics of electroless Ni plating in air 8-95847
- Tomlinson, W.J.,** Yates, J. Oxidation of copper in CO₂ at 800°-1000°C 8-76784
- Tomlinson, W.J.,** Yates, J. High-temperature oxidation kinetics of Cu-Si alloys containing up to 4.75 wt.% Si in p_{O2}=0.01 atm and pure CO₂ 8-88574
- Tomoda, T.,** Arima, A. Coexistence of shell structure and cluster structure in ²⁰Ne 8-78279
- Tomoda, T.,** Kubodera, K. Energy dependent ft-value and B(M1) in ⁸Be 8-62503
- Tomokhovich, N.V.** see Vorobev, P.A. 8-53231
- Tomokio, Y.** see Eguchi, T. 8-55867
- Tomokio, Y.** see Kuroda, K. 8-91206
- Tomono, T.** see Overberger, C.G. 8-95923
- Tompa, K.** see Racz, P. 8-64986, 8-64987
- Tompa, K.** see Varga, L. 8-60348
- Tompkins, E.** see Hubner, H.F. 8-53522
- Tompkins, H.G.,** Wertheim, G.K., Sharma, S.P. Time dependence of the chemical composition of the surface film on the metastable tin-nickel alloy studied with X-ray photoelectron spectroscopy 8-60870
- Tompkins, J.** see Katsoufis, E. 8-82234
- Tompkins, R.C.** Effects of high pressure on molecular electronic spectra 8-78754
- Tompson, C.W.** see Daughton, W.J. 8-55932
- Toms, D.J.,** Helms, C.A., Scott, J.F. Spin-flip acceptor scattering in ZnTe 8-92072
- Tomsick, T.A.** see Thomas, S.R. 8-53484
- Tomsinskii, V.S.** see Shishkina, M.I. 8-80623
- Tomson, G.L.,** Petrov, Yu.I. Recrystallization of γ - and β -hardened commercial uranium 8-70602

- Tomatiev, D.S.** *see* Tairov, B.A. 8-60139
- Tomulescu, R.** *see* Draganescu, V. 8-63148
- Tomusiak, E.L.** *see* Fang, K.K. 8-70469
- Tomzhevskii, I.V.** *see* Ryabov, Yu.A. 8-62078
- Tonachini, G.** *see* Bernardi, F. 8-66685
- Tonakanov, O.S.** *see* Vinogradov, N.S. 8-53659
- Tonapetyan, S.G.** *see* Derebchinskii, A.I. 8-78192
- Tonapetyan, S.G.** *see* Zyalov, A.A. 8-78191
- Toncheva, L., Peykov, P., Marinov, B.** The influence of process-induced defects in the silicon on the surface charge in MOS structures 8-72274
- Tondello, E.** *see* Ajo, D. 8-51883
- Tondeur, F.** An energy density nuclear mass formula. I. Self-consistent calculation for spherical nuclei 8-78244
- Tondeur, F.** Extrapolation of a self-consistent energy density mass formula to the super-heavy region and to the neutron drip line 8-93932
- Tondon, V.K.** *see* Yousif, F.N. 8-66677
- Toneev, V.D., Shmidt, R.** Fusion, quasifission and deep inelastic collisions in heavy ion reactions: limitations to cross sections 8-54801
- Toneev, V.D.** *see* Schmidt, R. 8-86543, 8-86544
- Tonelli, M.** *see* Benedetti, R. 8-59056
- Toneman, F.H.** *see* Van Elst, H.C. 8-68807
- Toner, M.C., Dix, M.J., Sawistowski, H.** A television-microprocessor system for high-speed image analysis 8-94377
- Tong, B.Y., Lam, L.** Compton profiles of Ne, Ar, and Kr 8-94193
- Tong, H.C.** *see* Darby, T.P. 8-68332
- Tong, J.P.K.** *see* Langford, C.H. 8-73017
- Tong, M.** *see* Remond, G. 8-78046
- Tong, P.P.** *see* Hou, T.-H. 8-63462
- Tong, S.Y.** A review of the surface crystallography by low-electron diffraction 8-83691
- Tong, S.Y., Lubinsky, A.R., Mrstik, B.J., Van Hove, M.A.** Surface bond angle and bond lengths of rearranged As and Ga atoms in GaAs (110) 8-71918
- Tong, S.Y., Stoner, N.** Substrate effects of angle-resolved ultraviolet photoemission spectroscopy 8-84694
- Tong, S.Y.** *see* Li, C.H. 8-72693
- Tong, T.C.** Scattering by multiple rectangular cylinders 8-62992
- Tonge, K.A., Davis, R.** A phantom designed to compare the quality of various mammographic images 8-85357
- Tongson, L.L., Biggers, J.V., Bind, J.M., Dayton, G.O., Knox, B.E.** Chemical characterization of WC-Co composite materials by AES and ISS. I. Processing 8-76621
- Tongson, L.L., Biggers, J.V., Dayton, G.O., Bind, J.M., Knox, B.E.** Surface analysis of WC-Co composite materials. II. Quantitative Auger electron spectrometry 8-76622
- Toni, M.** *see* Antonini, B. 8-68339
- Tonin, M.** *see* Julve, J. 8-77789
- Tonin, R., Bies, D.A.** General theory of time-averaged holography for the study of three-dimensional vibrations at a single frequency 8-90397
- Tonkonog, V.G., Mukhachev, G.A., Pavlov, B.M., Murav'ev, I.F.** Critical discharge of saturated and subcooled water through channels of different shapes 8-55681
- Tonkov, E.Yu.** *see* Aptekar, I.L. 8-71791
- Tonkov, M.V.** *see* Bukhtoyarova, V.I. 8-55218
- Tonkov, M.V.** *see* Timofeev, Yu.M. 8-69446
- Tondorf, J.** *see* Kruger, B. 8-53419
- Tonoike, M., Takebayashi, M., Kurioka, Y.** Current state of measurement of smells 8-92661
- Tonoike, M.** *see* Takebayashi, M. 8-92752
- Tonomura, A., Matsuda, T., Komoda, T.** Two beam interference with field emission electron beam 8-63002
- Tonomura, F.** *see* Adachi, G. 8-51672
- Tonutti, M.** *see* Besch, H.J. 8-93893
- Tonwar, S.C.** *see* Siohan, F. 8-73593, 8-90019
- Tooke, A.O.** *see* Cracknell, A.P. 8-68313
- Toombs, G.A.** Quasi-one-dimensional conductors 8-60070
- Toombs, G.A.** *see* Challis, L.J. 8-67779
- Tooming, Kh.G., Karing, P.Kh.** Agroclimatic estimate of potential yield of perennial grasses and shortfall due to a water deficit 8-61450
- Toor, P.M.** Effect of initial flaw shapes on cracks emanating from fastener holes under combined stress 8-64694
- Toorn, P.van** *see* van Toorn, P.
- Top, P.** *see* Vinke, R.V.H. 8-81051
- Topa, V.** *see* Birjega, M.I. 8-60579
- Topchibashev, M.A.** *see* Ragimov, A.M. 8-55958
- Topchii, V.A.** *see* Uchatkin, V.V. 8-62682
- Topchyan, L.S., Naskidashvili, I.A., Ogorodnikov, V.V., Petrosyan, V.V., Murzin, L.M.** Electrical resistance and stored energy in low-temperature irradiation of titanium diboride 8-67744
- Topel-Schadt, J., Muller, W.F., Penttinghaus, H.** Transmission electron microscopy of SrAl₂Si₂O₈: Feldspar and hexacelsian polymorphs 8-83827
- Toperverg, B.P.** *see* Lazuta, A.V. 8-88133
- Topham, D.** *see* Smy, P.R. 8-87545
- Topham, D.R.** Some considerations of high-current electric arcs in nozzle flows 8-59707
- Topham, D.R., Howatson, A.M.** On the effects of changes in the mechanism of cathode emission on the stability of electric arcs in axial flow 8-83638
- Topiol, S., Moskowitz, J.W., Melius, C.F.** Atomic coreless Hartree-Fock pseudopotentials for atoms K through Zn 8-55121
- Topiol, S.** *see* Basch, H. 8-66464
- Topkaev, A.V.** *see* Ermolaev, V.V. 8-53034
- Topol, R., Claverie, P.** The thermodynamic functions of molecular liquids in the interaction site model 8-71661
- Toporishchev, G.A.** *see* Esin, O.Yu. 8-88582
- Topper, T.H.** *see* Abdel-Raouf, H. 8-64616
- Toppozada, T.R.** *see* Cramer, C.H. 8-92792
- Topptigin, V.B.** *see* Kovaltchuck, B.M. 8-67444
- Toptygin, A.L.** *see* Fuks, M.Ya. 8-87884
- Topunov, I.N.** *see* Batygin, V.V. 8-82655
- Topunov, G.A.** *see* Milevskii, S.Ya. 8-81988
- Topuridze, N.I.** *see* Khantadze, D.V. 8-84916
- Topuriya, T.** *see* Dzhambusina, M. 8-89762
- Torbert, R.B.** *see* Mozer, F.S. 8-85808
- Torchia, D.A.** The measurement of proton-enhanced carbon-13 T₁ values by a method which suppresses artifacts 8-91972
- Torchinova, R.S.** *see* Kupriyanov, A.K. 8-68343
- Tordjman, I.** *see* Seethan, D. 8-79568
- Toreilles, E.** *see* Keryer, G. 8-76059
- Torell, L.M.** *see* Aronsson, R. 8-68523
- Torelli, M.** *see* Bertoni, A. 8-90608
- Torello, F., Dondi, M.G.** H-H₂ elastic differential cross section 8-50610
- Toren, M.** *see* Zvirin, Y. 8-59282
- Torfeh, M., Desvignes, J.M., Courtois, L., Le Gall, H.** Reciprocal and nonreciprocal high TE-TM modes conversions in Tb, Al and Gd, Ga substituted garnet films 8-66904
- Torgersen, T., Clarke, W.B.** Excess helium-4 in Teggau Lake: possibilities for a uranium ore body 8-65353
- Torgeson, D.R.** *see* Hwang, T.Y. 8-56382
- Torgeson, D.R.** *see* Hwang, Y.S. 8-80526
- Torguet, R.** *see* Bridoux, E. 8-51022
- Torguet, R.** *see* Brunel, C. 8-51021
- Torguet, R.** *see* Rouvaen, J.M. 8-63920
- Torii, T.** Numerical analysis of separative power of isotope centrifuges. II. Effect of thermal convection on separative power 8-58500
- Torii, Y.** *see* Tsuchiya, A. 8-89079
- Torisaka, Y., Kihara, J.** Strain tempering of FCC metals by rapid heating and cooling 8-84863
- Toriu, T.** *see* Arisue, H. 8-66133
- Toriu, T.** *see* Bando, M. 8-66134
- Toriumi, K., Ozima, M., Akaogi, M., Saito, Y.** Electron-density distribution in crystals of CoAl₂O₄ 8-51481
- Toriumi, M., Karato, S.-I.** Experimental studies on the recovery process of deformed olivines and the mechanical state of the upper mantle 8-96202
- Toriwaki, J.** *see* Ohtuki, N. 8-57099
- Toriyama, K.** *see* Iwasaki, M. 8-76839
- Torizuka, Y.** New giant resonances 8-54670
- Torizuka, Y.** *see* Sugawara, M. 8-74515
- Tormala, P., Weber, G., Lindberg, J.J.** Viscoelasticity of polyethylene oxide melts 8-87324
- Tormala, P.** *see* Braun, D. 8-67817
- Torman, J.** van Dongen *see* van Dongen Torman, J.
- Torman, G., Stiegelschmitt, A.** Mechanisms of sintering in singlephase and multiphase systems taking into account the most important technological parameters 8-80494
- Tornambe, A.** *see* Caloi, V. 8-77551
- Tornambe, A.** *see* Caputo, F. 8-69784
- Tornberg, E.** The application of the drop volume technique to measurements of the adsorption of proteins at interfaces 8-60009
- Tornberg, N.E.** *see* Pai, K.F. 8-80322, 8-92042
- Tornberg, N.E.** *see* Widom, A. 8-56436
- Tornow, W., Lisowski, P.W., Byrd, R.C., Walter, R.L.** Precision measurements of the analysing power for n-p scattering in the 14-17 MeV region 8-70393
- Tornow, W., Lisowski, P.W., Byrd, R.C., Walter, R.L.** Similarity between A(θ) for ²H(p,p)²H and ²H(n,n)²H at 12 MeV 8-70514
- Tornqvist, N.A.** A dynamical model for narrow resonances 8-93813
- Toro, M.** Di *see* Di Toro, M.
- Torok, F., Pulay, P.** Calculation of force constants by semiempirical quantum chemical method 8-62947
- Torok, I.** *see* Bornemisza-Pausperl, P. 8-50177
- Torok, I.** *see* Uray, I. 8-70453
- Torok, T., Zaray, G.** Research with a low-temperature twin-hollow-cathode interferometer-spectrometer. III. Relationship between the discharge parameters for He and Ar exciting gases 8-67461
- Torok, T., Zaray, G.** Research with a low-temperature twin-hollow-cathode interferometer-spectrometer. IV. Radial electron temperature distribution in a He plasma 8-67462
- Toropov, A.K.** *see* Lopasov, V.P. 8-89555
- Toropov, A.K.** *see* Solomakha, D.A. 8-50841
- Torossian, A.** *see* Adam, J. 8-71473
- Torosyan, S.V.** *see* Aronov, D. 8-72253
- Torr, D.G., Orsini, N.** The effect of N₂⁺ recombination on the aerodynamic determination of the charge exchange rate coefficient of O⁺(²D) with N₂ 8-88954
- Torr, D.G.** *see* Meriwether, J.W., Jr. 8-88962
- Torr, D.G.** *see* St-Maurice, J.-P. 8-57375
- Torrance, J.B.** Spin waves, scattering at 4k, and spin-Peierls fluctuations in an organic metal: tetrathiafulvalene-tetracyanoquinodimethane (TTF-TCNQ) 8-72093
- Torre, C.** On the dynamics of a 'crawl' swimmer 8-90702
- Torre, E.D.** *see* Hegedus, C.J. 8-52323
- Torre, E.D.** *see* Kadar, G. 8-76274
- Torre, P.** *see* Pinelli, T. 8-50431
- Torreilles, E.** *see* Chasseau, D. 8-91329
- Torreilles, E.** *see* Flandrois, S. 8-64032
- Torres, F.** *see* Kaveh, M. 8-65143
- Torres, J., Morin, D., Pateau, L., Ossart, P., Aubree, J., Primot, J.** Study of the phase diagram and crystallography of lead phosphovanadates 8-92252
- Torres, R.** *see* Jao, T.-C. 8-70828
- Torres-Peimbert, S., Peimbert, M.** Photoelectric photometry and physical conditions of planetary nebulae 8-81677
- Torres-Villasenor, G., Barrio-Paredes, R., Radcliffe, S.V.** The mechanical behaviour of cuprous oxide 8-95777
- Torresin, G., Reggiani, A.** Computer analysis of steady state carbon dioxide expiratory curves 8-57106
- Torrie, B.H.** *see* Tang, H.C. 8-84568
- Torrie, G.M.** *see* Barber, M.N. 8-81927
- Torrie, G.M.** *see* Ma, L. 8-67906
- Torrie, I.** *see* Smedley, S.I. 8-51712
- Torronen, K., Kotilainen, H.** Effect of tempering treatments on the fracture behaviour of a Cr-Mo-V pressure vessel steel 8-60799
- Torronen, K.** *see* Kotilainen, H. 8-60787
- Torti, R.P.** *see* Deluca, P.M. 8-92698
- Tortika, A.S.** *see* Andrievskaya, N.F. 8-76596
- Torven, S.** Current limitation by an electric double layer in ion laser discharges 8-66799
- Toryanik, A.I.** *see* Pogrebnik, V.G. 8-71842
- Tosa, M.** *see* Sabano, Y. 8-81674
- Tosatti, E.** *see* Andreoni, M. 8-72553
- Tosatti, E.** *see* Baldereschi, A. 8-87930
- Tosatti, E.** *see* Bortolani, V. 8-75921
- Toscanno, E.H.** *see* Povol, F. 8-88719
- Toschek, P.** *see* Neuhauser, W. 8-75407
- Toschek, P.E.** *see* Cahuzac, P. 8-50614
- Toschek, P.E.** *see* Cahuzac, Ph. 8-90285
- Toschek, P.E.** *see* Keil, R. 8-86825
- Toschi, R.** Technological aspects of the high field Frascati Tokamak 8-50351
- Toschi, R.** New developments in magnetic confinement of plasmas 8-94928
- Toselli, G.** *see* Daneri, A. 8-70645
- Tosello, C.** *see* Nomura, T. 8-89927
- Toshev, A.** *see* Piekarczyk, W. 8-80464
- Toshev, S.D.** *see* Nadolitsky, M.M. 8-84517
- Toshima, M.** *see* Furuta, T. 8-87382
- Toshino, K., Deki, K., Ohta, T.** Oscillation characteristics at 4416 Å in a positive column and a hollow cathode He-Cd II lasers 8-94392
- Toshioka, K., Chiba, M., Kato, S., Sugano, K., Ukai, K., Shimomura, T., Shinohara, T., Daigo, M., Hemmi, Y., Kikuchi, R., Minowa, M., Miyake, K., Nakamura, T., Noda, A., Ono, M., Suzuki, Y., Yoshioka, M., Hoshi, Y.** Differential cross sections of proton Compton scattering in the energy range between 450 and 950 MeV 8-93885
- Tosi, M.P.** *see* Albramo, M.C. 8-59732
- Tosi, M.P.** *see* Fasolino, A. 8-56417
- Tosi, M.P.** *see* Giaquinta, P.V. 8-60387, 8-67841
- Tosi, M., Raffaella** *see* Raffaella Tosi, M.
- Tossell, J.A., Gibbs, G.V.** The use of molecular-orbital calculations on model systems for the prediction of bridging-bond-angle variations in siloxanes, silicates, silicon nitrides and silicon sulfides 8-55125
- Tosser, A.** *see* Arsalane, M. 8-52031
- Tosser, A.** *see* Tellier, C. 8-91787
- Tosser, A.J.** *see* Tellier, C.R. 8-84183
- Tosteson, D.C.** *see* Tosteson, M.C. 8-88702
- Tosteson, M.T., Tosteson, D.C.** Bilayers containing gangliosides develop channels when exposed to cholera toxin 8-88702
- Tosunjan, L.A.** *see* Eramzhyan, R.A. 8-86550
- Totani, T., Sugawara, F., Koide, M.** Data processing for a multislit spectrometer 8-58053
- Toten, A.** *see* Monigold, G. 8-95619

- Totesch, A.S.** *see* Mazurin, O.V. 8-87806
- Toth, J.** Kinetics of crystallization of Fe-B glass with electrical resistance measurements 8-83741
- Toth, J.** Resistivity of iron-boron amorphous alloys in magnetic field at low temperatures 8-91667
- Toth, J.** *see* Lovas, A. 8-59952
- Toth, J.D.** *see* Montvay, I. 8-82171
- Toth, K.** *see* Szegi, T. 8-59836
- Toth, K.S.** *see* Gross, E.E. 8-66204
- Toth, L.** *see* Callaghan, T. 8-64467
- Toth, L.E.** *see* Nelson, J.R. 8-68338
- Toth, L.E.** *see* Schwanebeck, J.C. 8-52669
- Toth, L.M., Friedman, H.A.** The IR spectrum of Pu(IV) polymer 8-76456
- Toth, R.A.** *see* Camy-Peyret, C. 8-74656
- Toth-Kadar, E.** *see* Kemeny, T. 8-91257
- Totthill, P., McLoughlin, G.P., Heading, R.C.** Techniques and errors in scintigraphic measurements of gastric emptying 8-73206
- Tothova, M.** *see* Shabratova, G.S. 8-82359
- Totomanov, I.N.** On the relationship between recent vertical Earth's crustal movements and the relief of the physical Earth surface in Bulgaria 8-81126
- Totsuka, Y.** *see* Brandelik, R. 8-62416
- Tottori, S.** *see* Echigo, R. 8-94575
- Tou, J.T., Cheng, C.S., Fisher, M., Ferng, M.** Computer analysis of stereological parameters from lung tissue 8-73280
- Tou, J.T.** *see* Nawaz, A. 8-73142
- Touborg, P., Nevald, R., Johansson, T.** Crystal fields at light rare-earth ions in Y and Lu 8-80127
- Touborg, P.** *see* Roeland, L.W. 8-56292
- Touchard, F.** *see* Detraz, C. 8-74341
- Touchard, F.** *see* Huber, G. 8-78826
- Touchard, F.** *see* Liberman, S. 8-86829
- Touchard, G.** Streaming currents developed in laminar and turbulent flows through a pipe 8-87413
- Touche, J.** *see* Adam, J. 8-71473
- Touge, T.** *see* Minejima, Y. 8-93746
- Tough, J.T.** *see* Ladner, D.R. 8-51763
- Tough, J.T.** *see* Piotrowski, C. 8-51765
- Toukubo, K.** *see* Nakanishi, K. 8-55794
- Toulemonde, M.** *see* Beck, F.A. 8-70487
- Toulemonde, M.** *see* Haas, B. 8-54675
- Toulmin, P., III** *see* Keil, K. 8-85884
- Toulouse, G.** *see* Bouligand, Y. 8-79523
- Tounsi, A.** *see* Letessier, J. 8-70345
- Toupry-Krauzman, N., Poulet, H.** Temperature dependence of the Raman spectra of NaClO₄ in relation to the 581K phase transition 8-56477
- Tourand, G.** *see* Bizid, A. 8-51405
- Tourbez, H.** *see* Valat, P. 8-66867, 8-88348
- Tourne, G.** *see* Kerner-Czeskleba, H. 8-76618
- Tournier, R.** *see* Berton, A. 8-84388
- Tournois, P.** *see* Gautier, H. 8-66989
- Tournoux, M.** *see* Dion, M. 8-75646
- Tournoux, M.** *see* Ganne, M. 8-52741
- Tournoux, M.** *see* Jouini, N. 8-95031
- Tourreil, R.** *de* *see* Tourreil, R.
- Tourrenc, P.** Effect of a gravitational wave on electromagnetic radiation confined in a cavity. I. Boundary coupling 8-54267
- Tourrenc, P.** Effect of a gravitational wave on electromagnetic radiation confined in a cavity. II. Intrinsic coupling 8-54268
- Tousek, J.** The polarization curves of metals in polishing solutions 8-56851
- Toussaint, G.** *see* Oliver, L.H. 8-73289
- Touw, F.** Van der *see* Van der Touw, F.
- Tovar, M.** *see* DeLong, L.E. 8-76184
- Tovazhynskiy, L.L., Atroshchenko, V.I., Kedrov, M.S.** Coefficients of heat transfer for condensation of low-pressure steam in plate condensers with slotlike channels in a grid pattern 8-75040
- Tove, P.A., Ali, M.P.** Correlation between Schottky electron and hole currents from a metal contact on chemically etched silicon 8-91769
- Tove, P.A.** *see* Janney, R. 8-56221
- Tovee, D.N.** *see* Davis, D.H. 8-70407
- Tovee, D.N.** *see* Nowak, R.J. 8-78213
- Tovey, S.N., Parker, K.R., Chapman, G., De Roach, J., Gold, E., Kasper, P., King, P.A., Klein, A.G., Martin, L.J., Mason, G.C., Opat, G.I., Wignall, J.W.G.** Reaction $pn \rightarrow \pi^- \pi^+ \pi^0$ at incident momenta below 1 GeV/c 8-66147
- Tovish, A., Schubert, G.** Island arc curvature, velocity of convergence and angle of subduction 8-81128
- Tovmach, Yu.V.** *see* Aleksandrov, V.N. 8-92100
- Tovmasyan, L.N.** *see* Koroleva, L.I. 8-88003
- Tovmasyan, L.N.** *see* Pogosyan, Ya.M. 8-72380
- Tovstyuk, K.D.** *see* Bobitskii, Ya.V. 8-52074, 8-56226
- Tow, D.M.** *see* Chiu, C.B. 8-62382
- Towe, K.M.** Ultrastructure of calcite decomposition in vacuo 8-71864
- Towe, K.M.** Early Precambrian oxygen: a case against photosynthesis 8-81409
- Towers, R.T., West, J.M., Brook, R.** The effect of environment on crack growth in a stainless maraging alloy 8-64785
- Towle, D.M.** *see* Huba, J.D. 8-88973
- Towner, H.H.** *see* Goldston, R.J. 8-62643
- Towner, H.H.** *see* Jassby, D.L. 8-63577
- Towner, H.H.** *see* Strachan, J.D. 8-63588
- Towner, I.S.** *see* Khanna, F.C. 8-89824
- Townsend, H.E., Zoccola, J.C.** Chromate passivation protection of Zn- and Al-Zn-coated steel sheet against wet-storage stain 8-95854
- Townsend, J.R.** *see* McGruer, J.N. 8-71719
- Townsend, M.G.** *see* Leclerc, A. 8-76363
- Townsend, P.** Infrared absorption in phosphorus doped silicon and the D⁻ band 8-52533
- Townsend, P.D.** *see* Mirza, K.A. 8-64416
- Townsend, P.D.** *see* Wintersgill, M.C. 8-64412
- Townsend, P.K.** *see* Das, A. 8-54275
- Townsend, P.K.** *see* Kaku, M. 8-62348, 8-78085
- Townsend, P.K.** *see* Sterman, G. 8-54279
- Townsend, T.H., Schwartz, D.M.** A comparison of four hearing aid measurement systems 8-65151
- Townshend, A.** *see* Belcher, R. 8-61093
- Towscher, L.** *see* Pavlopoulos, P. 8-62443
- Toy, W.** *see* Cutts, D. 8-89746
- Toya, M.** *see* Bando, M. 8-62366, 8-66086
- Toyama, A.** *see* Yorzane, M. 8-83927
- Toyama, H.** *see* Iwahashi, A. 8-75416
- Toyama, K.** *see* Tanaka, K. 8-69230
- Toyama, M.** Two-step processes and effective interaction in light-ion nuclear reactions 8-54733
- Toyoda, A.** *see* Furui, S. 8-74253
- Toyoda, J.** *see* Saito, T. 8-61177
- Toyoda, K.** Bibliography of ferroelectrics 8-95557
- Toyoda, T., Kojima, D.Y., Ishihara, A.** Correlations in a 2D electron gas 8-63996
- Toyonori, Y.** *see* Utsumi, T. 8-49813
- Toyota, E., Minakuchi, T., Saito, H., Fukami, N., Sako, K.** Overhaul procedure of large fusion reactor 8-54905
- Tozaki Ken-ichi** *see* Ken-ichi Tozaki
- Tozawa, T.** *see* Shiba, K. 8-57968
- Tozer, B.A., Swift-Hook, D.T.** Effects of ionisation in [nuclear and fossil] power stations plumes 8-88909
- Tozeren, H., Skalak, R.** The steady flow of closely fitting incompressible elastic spheres in a tube 8-67251
- Traber, F.** *see* Buttgenbach, S. 8-55133, 8-66214
- Tracey, D.M.** *see* Cook, T.S. 8-75104
- Trachman, E.G.** A simplified technique for predicting traction in elastohydrodynamic contacts 8-63394
- Trachsel, C.A.** TNS vacuum vessel design 8-54901
- Trachtman, M.** *see* Bock, C.W. 8-82636
- Tracton, M.S., McPherson, R.D.** On the impact of radiometric sounding data upon operational numerical weather prediction at NMC 8-53696
- Tracy, C.A.** *see* Vaidy, H.G. 8-65876
- Tracy, C.J., Brindle, R.C., Oskam, H.J.** Properties of metastable xenon atoms in afterglows produced in xenon and xenon-nitrogen mixtures 8-63612
- Tracy, D.H.** *see* Fonck, R.J. 8-70205
- Tracy, D.W.** *see* Fonck, R.J. 8-58642
- Tracy, J.M.** *see* Longo, J.T. 8-77991
- Tracy, P.G.** *see* Bowie, O.L. 8-55590
- Trafton, L.** On the deuterium-to-hydrogen ratio in the atmosphere of Uranus 8-57497
- Trafton, L.** Detection of H₂ quadrupole lines belonging to the (5-0) overtone band in the spectrum of Uranus 8-93149
- Trahan, J.F., Lacy, L.L.** Determination of liquid-phase immiscibility in the lead-zinc system 8-64523
- Trahin, M.** *see* Gontier, Y. 8-78760
- Trahms, L., Boroske, E.** Pretransition in dipalmitoyl lecithin multilayer systems 8-91234
- Traimond, P.** *see* Audiffren, M. 8-84036
- Trainer, M.** *see* Mihelcic, D. 8-73535
- Traini, M.** *see* Stringari, S. 8-78292
- Trainor, D.W.** Electron-ion dissociative recombination rate constant for the reaction $e + H_n^+$ 8-50652
- Trainor, D.W., Boness, M.J.W.** Dissociative attachment of electrons to Br₂ and HBr 8-62931
- Trainor, D.W., Mani, S.A.** Iron pentacarbonyl photodissociation laser 8-74886
- Trainor, D.W., Mani, S.A.** Pumping iron: A KrF laser pumped atomic iron laser 8-74890
- Trainor, J.H.** *see* Schardt, A.W. 8-57489
- Trainor, J.H.** *see* von Rosenvinge, T.T. 8-85798
- Trainor, R.J.** *see* Brodsky, M.B. 8-68182
- Trainor, T.A.** *see* Back, N.L. 8-78346
- Trainor, T.A.** *see* Snover, K.A. 8-70443
- Trajmar, S.** Electron scattering by metal vapors 8-58830
- Trajmar, S.** *see* Jensen, S. 8-74769
- Trajmar, S.** *see* Register, D.F. 8-86933
- Trajmar, S.** *see* Srivastava, S.K. 8-90302
- Trajmar, S.** *see* Vuskovic, L. 8-50641
- Trajmar, S.** *see* Williams, W. 8-70934, 8-70940
- Trakhtenberg, E.M.** *see* Gluskin, E.S. 8-62274
- Trakhtenberg, I.Sh.** *see* Vladimirov, A.B. 8-67863, 8-75880
- Trakhtenberg, L.I.** *see* Buimistrov, V.M. 8-60449
- Trakhtenberg, L.I.** *see* Popov, A.S. 8-53132
- Trakhtenberg, R.M., Staroverov, B.A., Mukhina, A.P.** Differential frequency angular rate and displacement sensor 8-70106
- Trakhtengerts, V.Yu.** *see* Grach, S.M. 8-77419
- Trakhtengerts, V.Yu.** *see* Pickovskii, A.S. 8-51300
- Trambauer, K., Straub, J.** Condensation heat transfer of steam flow on ice surface 8-94099
- Tramer, A.** *see* Grimbert, D. 8-74689
- Trammell, G.T., Hannon, J.P.** Quantum beats from nuclei excited by synchrotron pulses 8-88239
- Trampczynski, W.** *see* Badziag, K. 8-73808
- Trampetic, J.** *see* Martinis, M. 8-50039
- Tran, C.D.** *see* Shimizu, H. 8-71940
- Tran, M.** *see* Amouroux, J. 8-92438
- Tran, M.T.** *see* Alder, J.C. 8-62576
- Tran, N., Wagner, H.N., Jr.** Liquid scintillation vial for radiometric assay of lymphocyte carbohydrate metabolism in response to mitogens 8-61248
- Tran Khanh Vien, Dormann, J.L.** Magnetic structure change in TbIG at low temperature 8-68169
- Tran Minh Canh** *see* Canh Tran Minh
- Tran Minh Duc, Hollinger, G., Jugnet, Y., Mercurio, J.P., Berrada, S., Etourneau, J., Hagenmuller, P.** UV and X-ray photoelectron spectra of valence band of LaB₆ 8-84703
- Tran Minh Duc** *see* Jugnet, Y. 8-95647
- Tran Quan Dang** *see* Dang Tran Quan
- Tran Quoc Hai** *see* Nguyen Van Dong 8-84330
- Tran Tri Nang, Okuda, M., Matsushita, T.** Variation of band gap in Se-based chalcogenide glasses 8-90461
- Tran Tri Nang, Okuda, M., Matsushita, T., Suzuki, A.** Anomalous temperature dependence observed on the photovoltaic effect of Se-based amorphous thin film-SnO₂ heterostructures 8-56209
- Tranah, D.** *see* Landsberg, P.T. 8-49588
- Tranchita, C.J., Claus, H.** Magnetism in Ni-Cu alloys 8-91879
- Tranfield, G.** *see* Styles, G.A. 8-91965
- Trankner, M.** *see* Balke, H. 8-60715
- Tranquard, A.** *see* Porte, L. 8-76578
- Tranquilli, A.** *see* Marchetti, R. 8-55360
- Tranquilli, A.** *see* Penco, E. 8-50784
- Trantina, G.G.** Brittle fracture and subcritical crack growth in a ceramic structure 8-72885
- Trantina, G.G.** *see* Lee, D. 8-72864
- Traon, A.** *Le* *see* Le Traon, A.
- Traon, F.** *Le* *see* Le Traon, F.
- Traon, J.Y.** *Le* *see* Le Traon, J.Y.
- Trapesnikov, L.P.** *see* Khrapkov, A.A. 8-76766
- Trapet, E.** *see* Pfeifer, T. 8-77856
- Trapeznikov, L.P.** Thermodynamic potentials in the theory of creep in aging media 8-63318
- Trapeznikov, L.P., Shokhet, B.A.** Solution of the problem of creep theory for aging bodies with a growing slit 8-63329
- Trapeznikov, V.A.** *see* Pushin, V.G. 8-68711
- Trapeznikov, V.A.** *see* Rats, Yu.V. 8-60685
- Trapp, M.** *see* Muller, G. 8-95190
- Trappeniers, N.J., Biswas, S.N., van't Klooster, P.** Glass enclosed resistance thermometer for temperature measurement inside a high-pressure vessel 8-70125
- Trappeniers, N.J., Stibbe, F.S., Rao, J.L.** ESR and optical spectra of Cu²⁺-NH₄Br 8-60492
- Trappeniers, N.J.** *see* Stibbe, F.S. 8-91943
- Trappeniers, N.J.** *see* van den Berg, H.R. 8-91054
- Trasatti, L.** *see* Baldini-Celio, R. 8-89724
- Trasatti, L.** *see* Battistoni, G. 8-70691
- Trasatti, S.** Temperature coefficient of Hg work function from electrochemical data 8-60186
- Trascel, K.** *see* Bosch, F. 8-64911
- Trasi, S.R., Hsu, T.R.** Improvement of sheet metal strength by localised thermal shocks 8-88483
- Traspaderne, A., Castano, F.** Optical activity in absorption bands: a scattering formalism treatment 8-72481
- Traub, W.A., Carleton, N.P., Black, J.H.** A search for emission from vibrationally excited H₂ 8-93346
- Traub, W.A., Mariska, J.T., Carleton, N.P.** A search for stellar oscillations 8-93203
- Trauber, P.** *see* Brooks, R. 8-93811
- Traum, M.M., Margaritondo, G., Smith, N.V., Rowe, J.E., Di Salvo, F.J.** TiSe₂: Semiconductor, semimetal, or excitonic insulator 8-56069
- Traum, M.M.** *see* Woodruff, D.P. 8-95659
- Trautman, A.** *see* Nowakowski, J. 8-58118
- Trautmann, D.** *see* Baur, G. 8-78414
- Trautmann, D.** *see* Budzanowski, A. 8-82363

- Trautmann, D.** *see* Pauli, M. 8-74749, 8-78792
- Trautmann, N.** *see* Kurcewicz, W. 8-86504
- Trautmann, N.** *see* Schadel, M. 8-78408
- Trautmann, N.** *see* Summerer, K. 8-82313
- Trautmann, N.** *see* Zendel, M. 8-70674
- Trautmann, W.** *see* Graw, G. 8-54788
- Trautner, N.** *see* Christensen, P.R. 8-54798
- Trautner, N.** *see* Kalinsky, D. 8-54783
- Trautvetter, H.P.,** Wiescher, M., Kettner, K.-U., Rolfs, C., Hammer, J.W. Helium burning of ^{18}O 8-57545
- Trautwein, A.** Electronic and magnetic structure of iron containing complex and biological systems 8-62733
- Trautwein, A.** *see* Reschke, R. 8-58575
- Travin, V.V.,** Pitsyna, L.D. Reciprocating motion for fine diamond grinding 8-71237
- Travina, N.T.** *see* Tyankin, Yu.D. 8-56642
- Travis, D.N.** *see* Rutt, H.N. 8-78664
- Travis, J.C.** *see* Schenck, P.K. 8-95977
- Travis, J.C.** *see* Swager, D.M. 8-69526
- Travis, J.C.** *see* Turk, G.C. 8-92528
- Travnikova, A.P.** *see* Kochergin, Yu.S. 8-72809
- Travnikova, N.P.** *see* Luizov, A.V. 8-73275, 8-81007
- Trayanov, R.K.** *see* Gentchev, V.I. 8-78174
- Traylor, P.A.** *see* Garrett, H.L. 8-58026
- Treacy, M.M.J.** *see* Freeman, L.A. 8-61049
- Treadaway, M.J.,** Passenheim, B.C. Radiation effects on optical components 8-83054
- Treado, P.A.** *see* Allas, R.G. 8-86539
- Treder, H.-J.** On the radiation temperature of moving bodies 8-57775
- Treder, H.-J.** Vacuum light velocity and differential aberration 8-57838
- Treder, H.-J.** On global and local modifications of Einstein's gravitational equations 8-61719
- Treder, H.-J.** Particle models and effective radius in the general theory of relativity 8-86198
- Treder, H.-J.** On super-gauge-symmetry in general relativity (Einstein's A transformations) 8-86199
- Treder, H.-J.,** Yourgrau, W. On general-relativistic and gauge field theories 8-86212
- Tredwell, C.J.** *see* Barber, J. 8-53601, 8-68964
- Tredwell, C.J.** *see* Porter, G. 8-70910
- Treffers, R.R.,** Larson, H.P., Fink, U., Gautier, T.N. Upper limits to trace constituents in Jupiter's atmosphere from an analysis of its 5- μm spectrum 8-61790
- Treffers, R.R.** *see* Fink, U. 8-61791
- Treffitz, E.** *see* Dankwort, W. 8-53810
- Trefilov, A.V.** *see* Vaks, V.G. 8-72775
- Trefilov, V.I.,** Pokhodnya, I.K., Vadil'ev, A.D., Malashenko, I.S., Moiseev, V.F., Pechkovskii, E.P. Failure in molybdenum alloy containing 3.5 vol.% TiN 8-68788
- Trefilov, V.I.** *see* Bochko, A.V. 8-60752
- Trefilov, V.I.** *see* Grigor'ev, O.N. 8-60753
- Trefilov, V.I.** *see* Rakitskii, A.N. 8-68651
- Trefler, M.** *see* Maue-Dickson, W. 8-73239
- Treglia, G.,** Ducastelle, F., Gautier, F. Generalised perturbation theory in disordered transition metal alloys: application to the self-consistent calculation of ordering energies 8-75975
- Tregub, D.P.** *see* Gulyaev, Yu.V. 8-71225
- Tregub, I.G.** *see* Grischenko, G.A. 8-71729
- Tregubov, I.A.,** Evseeva, L.N. The zirconium corner of the constitution diagram of the system Zr-W-Cr 8-80517
- Trehan, P.N.** *see* Verma, H.R. 8-82307
- Trehan, S.K.,** Singh, M. The oscillations and the stability of rotating masses with magnetic fields. V. Existence of the point of bifurcation 8-53924
- Treherne, J.** *see* Genevey-Rivier, J. 8-62484
- Trehin, F.,** Grynberg, G., Cagnac, B. Synchronization of a flashlamp pumped dye-laser by injection of a CW laser of high spectral purity 8-63118
- Trehoux, J.** *see* Abraham, F. 8-91325
- Treibmann, D.** Applications for IR spectroscopy in catalysis research 8-53256
- Treille, D.** *see* Corden, M.J. 8-62470
- Treilleux, M.,** Thevenard, P., Chassagne, G., Hobbs, L.W. Observation of implanted potassium aggregates in MgO single crystals 8-83838
- Treiman, S.B.,** Wilczek, F. Axion emission in decay of excited nuclear states 8-49975
- Treiner, C.,** Tzias, P., Chemla, M. A vapor pressure method for the simultaneous determination of standard thermodynamic functions of both solutes in a ternary dilute solution 8-64871
- Treitel, S.** *see* Gutowski, P.R. 8-53734
- Treitinger, L.,** Barraclough, K.G., Feldtkeller, E. The influence of copper doping on the electrical properties of magnetic semiconducting $\text{Cd}_{1-x}\text{Fe}_x\text{Cr}_2\text{S}_4$ single crystals 8-84214
- Treloar, L.R.G.** *see* Vangerko, H. 8-83251
- Tremain, D.E.,** Mei, K.K. Application of the unimoment method to scattering from periodic dielectric structures 8-66725
- Tremaine, P.R.,** Dixon, R.S. Empirical correlations between solvent properties and the optical excitation energies of solvated electrons 8-53309
- Tremaine, S.** *see* Goldreich, P. 8-61795, 8-61796, 8-65684
- Tremblay, G.,** Vastola, F.J., Walker, P.L., Jr. Thermal desorption analysis of oxygen surface complexes on carbon 8-56032
- Tremblay, R.** *see* Belanger, P.-A. 8-79049
- Tremblay, R.** *see* Rioux, M. 8-66856
- Tremewan, P.T.** *see* Buxton, B.F. 8-83659
- Trenary, M.,** Schaefer, H.F., III, Kollman, P.A. Electronic structure of $\text{Li-H}_2\text{O}$ and related neutral molecular complexes, including $\text{Al-H}_2\text{O}$ 8-66465
- Trenberth, K.E.** Surface atmospheric tides in New Zealand 8-85665
- Trenchard, H.A.** *see* Betts, G.E. 8-83114
- Trenea, E.G.** *see* Andreyeva, M.N. 8-71609, 8-71610
- Trenhaile, A.S.,** Dumala, R. The geomorphology and origin of Point Pelee, southwestern Ontario 8-92857
- Trenholme, J.B.** *see* Linford, G.J. 8-59036
- Trepagnier, P.** *see* Dionisi, C. 8-89735
- Trepakov, V.A.** *see* Smolenskii, G.A. 8-95560
- Trepte, P.** *see* Pleissner, K.-P. 8-89599
- Treptow, R.,** Gold, D., El-Shamy, A. Electronically and calorimetrically measured energy balances of a thermal induction plasma 8-59625
- Treputnev, V.V.** *see* Miropolsky, Z.L. 8-94709
- Trescases, J.J.** *see* Barnes, I. 8-69344
- Treshchalov, A.B.,** Rebane, L.A. Reorientation of O_2^- and S_2^- centers in excited electronic state in alkali halide crystals 8-87943
- Treshchalov, A.B.** *see* Freiberg, A.M. 8-76529
- Treskin, S.A.** *see* Lange, Yu.V. 8-53086
- Tresser, C.** Long time behaviour for a chain of colliding rotators 8-75602
- Tressler, R.E.** *see* Abdel-Latif, A.I.A. 8-68824
- Trester, P.W.,** Sabado, M.M., Elsner, N.B. Selection of materials for limiters of Doublet III 8-55026
- Tresvyatskii, S.G.,** Donets, I.G., Lugovskaya, E.S., Sharkina, E.V., Vishnevskii, V.B. Synthesis and some crystal-chemical properties of layered silicates not containing aluminum 8-51495
- Tret'akov, V.M.** *see* Slusar', V.P. 8-87426
- Tret'yachenko, G.N.,** Karpinos, B.S. Temperature state of hollow cylinder subjected to internal one-sided heating 8-63271
- Tret'yakov, L.M.** *see* Babintseva, T.P. 8-74035
- Tret'yakov, L.M.** *see* Markov, V.A. 8-74034
- Tret'yakov, O.A.** *see* Valitov, R.R. 8-71014
- Tret'yakov, V.I.** *see* Kiparisov, S.S. 8-60607
- Tret'yakov, Yu.D.** *see* Kesler, Ya.A. 8-51703, 8-53237
- Tret'yakov, Yu.P.** *see* Saenko, V.A. 8-83584
- Tret'yakova, Ch.A.** *see* Basina, Yu.V. 8-93063
- Tret'yakova, G.V.** *see* Grischenko, G.A. 8-71729
- Tret'yakova, M.I.** *see* Boos, E.G. 8-62530
- Tret'yakova, S.P.,** Akap'ev, G.N., Barashenkov, V.S., Samoilova, L.I., Schegolev, V.A. Use of argon ions for the preparation of nuclear filters 8-86714
- Tret'yakova, S.P.** *see* Bugrov, V.N. 8-86563
- Treu, W.** *see* Duck, P. 8-82385
- Treushnikov, E.N.,** Kuskov, V.I., Belov, N.V. X-ray structural study of the electron structure of cupric sulfate tricarbamide $\text{CuSO}_4 \cdot 3\text{CO}(\text{NH}_2)_2$ 8-67699
- Treushnikov, E.N.,** Kuskov, V.I., Soboleva, L.V., Belov, N.V. Distribution of electron density in nickel ammonium sulfate hexahydrate $[\text{Ni}_6\text{H}_2\text{O}](\text{NH}_4)_2(\text{SO}_4)_2$ from X-ray diffraction data 8-95035
- Treve, Y.M.** Theory of chaotic motion with application to controlled fusion research 8-93605
- Trevena, D.H.** *see* Temperley, H.N.V. 8-87604
- Treves, A.** X- and γ -ray bursts from magnetic reconnection in very short period binary systems 8-81654
- Treves, A.** *see* Dupree, A.K. 8-96569
- Treves, A.** *see* Maraschi, L. 8-61725
- Treves, A.** *see* Martelli, M. 8-70274
- Trevino, S.F.,** Farr, M.K., Giguere, P.A., Arnau, J.L. The lattice dynamics of the deuterium peroxide crystal 8-67782
- Trevisan, U.** *see* Forino, A. 8-78220
- Trewern, T.** *see* White, J.W. 8-87869
- Tri Nang Tran** *see* Tran Tri Nang
- Triantafyllou, V.V.** e^+e^- inclusive distributions, jets and 2-dim QCD 8-66137
- Triantafyllidis, N.** *see* Needleman, A. 8-90735
- Triantis, F.A.** *see* Laven, H. 8-66163
- Triantis, F.A.** *see* Otter, G. 8-82251
- Triantis, F.A.** *see* Schmitz, P. 8-62467
- Trias, A.** *see* Kiwi, M. 8-72059
- Tribble, R.E.** *see* Bhatia, T.S. 8-70433
- Tribble, R.E.** *see* Cossairt, J.D. 8-82285
- Tribble, R.E.** *see* Wiedner, C.A. 8-89915
- Tribel, M.M.** *see* Frankevich, E.L. 8-64062
- Tribillon, G.** *see* Fournier, J.-M. 8-78974
- Tribolet, J.M.** Applications of short-time homomorphic signal analysis to seismic wavelet estimation 8-81426
- Tribolet, J.M.** Applications of short-time homomorphic signal analysis to seismic wavelet estimation 8-88930
- Tribollet, B.** *see* Delannoy, D.D. 8-56367
- Tributsch, H.** The MoSe₃ electrochemical solar cell: anodic coupling of electron transfer to d-d photo-transitions in layer crystals 8-52077
- Tric, C.** *see* Freed, K.F. 8-90276
- Trichter, F.,** Rabinkin, A., Ron, M., Sharfstein, A. A study of $\gamma \rightarrow e$ phase transformation in Fe-Mn alloys induced by high pressure and plastic deformation 8-68686
- Tricker, M.J.** *see* Jones, W. 8-60359
- Trickey, S.B.** *see* Koehler, T.R. 8-62011
- Tricot, R.** *see* Blanc, G. 8-68648
- Triebel, W.** *see* Heumann, E. 8-82049, 8-89523, 8-90240
- Triebwasser, J.H.** *see* Gustafson, D.E. 8-77141, 8-77142
- Trieger, L.** *see* Kurt, V.G. 8-77446
- Trier, H.G.** *see* Lepper, R.-D. 8-80932, 8-80935
- Trifan, F.** Methods of calculating the electromotive force induced by Procopiu effect if the ferromagnetic material is subjected to a stress of torsion 8-86986
- Trifonov, O.N.** Method of assessing the vibration stability of machine tools 8-87316
- Triftshauser, W.** *see* Lengeler, B. 8-80434
- Trifunac, A.D.,** Nelson, D.J., Mottley, C. Chemically induced dynamic electron polarization. Examples of S-T₂₁ polarization 8-86891
- Trifunac, A.D.,** Thurnauer, M.C., Norris, J.R. Submicrosecond time-resolved EPR in laser photolysis 8-80764
- Trifunac, A.D.** *see* Nelson, D.J. 8-53223
- Trifunac, M.D.** *see* Anderson, J.G. 8-92789
- Trigger, S.A.** *see* Klyuchnikov, N.I. 8-71437
- Trigunayat, G.C.** *see* Jain, P.C. 8-91312, 8-91313
- Trikha, S.K.** *see* Gupta, I.J. 8-67872, 8-79830
- Trilisky, K.K.** *see* Vinogradov, G.V. 8-87320
- Trilling, G.** *see* Gidal, G. 8-58201
- Trilling, G.H.** *see* Himel, T. 8-78157
- Trilling, G.H.** *see* Jaros, J.A. 8-50042
- Trilling, G.H.** *see* Peruzzi, I. 8-74252
- Trilling, G.H.** *see* Tanenbaum, W. 8-66113
- Trimble, J.,** Phillips, G. Nonlinear analysis of the human visual evoked response 8-92622
- Trimble, L.E.** *see* Voorhoeve, R.J.H. 8-73082
- Trimble, V.** Conference report: The evolution of galaxies and stellar populations or, are galaxies here to stay? 8-69879
- Trimmer, S.** On the dynamics of the Ising model in a transverse field 8-56332
- Trimmer, S.** Dynamics of the ferromagnet in 2+e dimensions 8-76262
- Trindle, C.** *see* Halevi, E.A. 8-78631
- Trinh, E.,** Apfel, R.E. Method for the measurement of the sound velocity in metastable liquids, with an application to water 8-55535
- Trinh, E.,** Apfel, R.E., Marston, P.L. Comments on the interpretation of hypersonic sound velocity data in supercooled water 8-59860
- Trinkaush, H.** Stress induced drift diffusion in grain boundaries. Application to creep and to the growth of grain boundary voids 8-72811
- Trinkler, L.E.** *see* Trinkler, M.F. 8-92112
- Trinkler, M.F.,** Trinkler, L.E., Kalynsh', A.E. The inner-centre luminescence of KCl-Pb in 8-80K temperature region 8-92112
- Trinkler, M.F.** *see* Kalnin, A.E. 8-80385
- Trinks, H.,** Fricke, K.H. Carbon dioxide concentrations in the lower atmosphere 8-96336
- Trinks, H.,** Mayr, H.G., Philbrick, C.R. Momentum source signatures in thermospheric neutral composition 8-77380
- Trinks, H.,** Offermann, D., Von Zahn, U., Steinhauer, C. Neutral composition measurements between 90 and 220-km altitude by rocket-borne mass spectrometer 8-77383
- Trinks, H.** *see* Weeks, L.H. 8-57247
- Triolo, J.J.,** Heaney, J.B., Hass, G. Coatings in space environment 8-85827
- Triolo, L.** *see* Boldrighini, C. 8-87328
- Triotskii, I.N.** *see* Tikhomirov, V.A. 8-60947
- Tripathi Padmakar, G.N.R.,** Dubey, D.R. Electro-optical characteristics of anthracene doped by its halogen derivative 8-84659
- Tripathi, A.,** Mathur, V.K. Estimation of surface tension of hydrocarbon mixtures 8-67887
- Tripathi, A.N.** *see* Singh, S.N. 8-74764
- Tripathi, G.** *see* Choudhary, N. 8-94815
- Tripathi, G.N.R.,** Dubey, D.R., Padmakar Electroluminescence in some ammonium salts 8-80420
- Tripathi, H.B.,** Kandpal, H.C., Agarwal, A.K., Belwal, R. Energy transfer from $\text{Eu}^{3+} \rightarrow \text{Ho}^{3+}$ in calibo glass 8-76510
- Tripathi, N.D.,** Shanker, K., Khare, R.P. The Anderson-Grunstein parameter for 16 crystals of cubic symmetry 8-79713
- Tripathi, R.P.** *see* Chandra, R. 8-80263
- Tripathi, R.S.** *see* Lukes, T. 8-56109
- Tripathi, S.** *see* Agrawal, B.K. 8-76506

- Tripathi, S.K.** see Roy, C.L. 8-76127
Tripathi, S.R. see Dixit, A.N. 8-90087
Tripathi, S.R. see Kant, A. 8-79715
Tripathi, V.K. see Sodha, M.S. 8-59227
Tripathy, D.N., Rao, B.K. Charge transfer in proton-hydrogen collisions 8-55235
Tripiet, J. see Debeauvais, M. 8-70577
Triplett, B.B., Mahmud, Y., Dixon, N.S., Hanna, S.S., Holtzberg, F. Magnetic hyperfine structure of Tm^{2+} ions in $TmTe$ 8-76368
Tripp, G.R. see Cheng, J.C. 8-66450
Tripp, R.D. see Alston-Garnjost, M. 8-66152, 8-66153
Tripp, R.D. see Alston-Garnjost, M. 8-82235
Tripp, T.G. see Bricman, C. 8-66179
Tripp, T.G. see Feller, J.M. 8-66136
Tripp, T.G. see Jaros, J.A. 8-50042
Tripp, T.G. see Scharre, D.L. 8-89723
Tripp, T.G. see Vuillemin, V. 8-93876
Trischuk, J. see Conetti, S. 8-93905
Trischuk, J.M. see Hartmann, J. 8-62460
Trishenkov, M.A. Comparative analysis of single-element, matrix and mosaic photodetectors for the optical signals of point sources 8-70186
Tritton, K.P. see Savage, A. 8-54073
Tritton, K.P. see Ward, M.J. 8-89273
Tritton, S. see Elliott, K.H. 8-93288
Trivedi, R. Comments on 'The validity of steady-state dendrite growth models' by R.J. Schaefer 8-72052
Trivedi, R., Tiller, W.A. Interface morphology during crystallization. I. Single filament, unconstrained growth from a pure melt 8-52787
Trivedi, R., Tiller, W.A. Interface morphology during crystallization. II. Single filament, unconstrained growth from a binary alloy melt 8-52788
Trivedi, S.B. see Bhatt, V.P. 8-88421
Trivero, P. see Bonino, G. 8-53728
Trivisonno, J., Stark, R.W. Ultrasonic attenuation calculations for magnesium, zinc, and cadmium. I. Longitudinal waves 8-91588
Trivisonno, J. see Stark, R.W. 8-91589
Trizna, D. see Gudmandsen, P. 8-81419
Trizna, D. see Hasselmann, K. 8-81418
Trnovec, J., Lukac, P. A cataphoresis in a pulse DC glow discharge 8-67506
Trnovec, J. see Lukac, P. 8-91167
Troadec, J.P. see Bideau, D. 8-77911
Trobaugh, G.B., Wackers, F.J.Th., Sokole, E.B., DeRouen, T.A., Ritchie, J.L., Hamilton, G.W. Thallium-201 myocardial imaging: an interinstitutional study of observer variability 8-85361
Troc, R., Niedzielski, R. The magnetic phase diagrams of the UP-LP system 8-84424
Troc, R. see Zolnierak, Z. 8-72333
Troch, I. Geometric properties of Lyapunov functions 8-87286
Troche-Maldonado, H. Transport properties of thermoelectric SiGeAl, SiGeB, and SiGeP hot-pressed semiconductor alloys 8-91711
Trodahl, H.J. see Buckley, R.G. 8-88306
Trodahl, H.J. see Sullivan, D.J. 8-53960
Troev, T. Positron annihilation in $BaTiO_3$ 8-64428
Trofimenko, V.V. see Bunin, K.P. 8-52758, 8-59948
Trofimov, A.I., Kerbel', B.M., Gos'kova, G.S., Bazuev, V.P. Use of piezoelectric convertors for measuring mechanical stresses in loaded media 8-70114
Trofimov, A.P. see Filipchuk, E.V. 8-86643
Trofimov, A.S. see Baisa, D.F. 8-84495
Trofimov, A.S. see Eroshkin, V.I. 8-62243
Trofimov, A.V. Hall accelerator with cadmium vapor 8-71553
Trofimov, O.V. see Volkov, N.V. 8-75443
Trofimova, L.M. see Kaplan, E.D. 8-79083
Trofimova, L.N. see Vasil'ev, M.A. 8-68696
Trofimova, N.V. Measurement of small linear displacements along two coordinates 8-73966
Trofimova, S.I. see Burkov, V.I. 8-92083
Trofimova, T.P. see Boos, E.G. 8-62530
Troger, A. see Tietz, H.-D. 8-95794
Trogu, E.F. see Aramu, F. 8-60366
Troia, S.O. see Burratato, G. 8-50546, 8-60250, 8-76171
Troitskaya, V. see Glangeaud, F. 8-61680
Troitskaya, V.A. see Plyasova-Bakounina, T.A. 8-65476
Troitskii, I.A. see Etkin, V.S. 8-61425
Troitskii, I.A. see Kravtsov, Yu.A. 8-81188
Troitskii, O.A. Fractionation of stable isotopes of metals by combined electric migration and zone melting 8-76600
Troitskii, O.A. see Spitsyn, V.I. 8-84941
Troitskii, V.E. see Muzafarov, V.M. 8-58189
Troitskii, V.V. see Petukhov, B.S. 8-83365
Troitskiy, B.V. see Postoyev, Yu.K. 8-69572
Troitskiy, I.N. see Bakut, P.A. 8-71047, 8-78933
Troitskiy, V.N. The influence of the geological structure of the crest of a ridge on the level of the ultrashort-wave diffraction field in the shadow of the ridge 8-86995
Troitsky, V.V. see Petukhov, B.S. 8-90902
Trojanova, Z., Vostry, P., Maisnar, J. On precipitation hardening in Cd-Zn alloy 8-60675
Trojanar, K., Drys, B., Luczak, M. Clamping of Bitter coils by a fibreglass cylindrical housing 8-93741
Trokhachev, G.V. see Glukhikh, V.A. 8-55020
Trokiner, A., Theveneau, H., Papon, P. First order structural phase transition in sodium borohydride, $NaBH_4$ and $NaBD_4$, and NMR techniques 8-80240
Trokiner, A., Theveneau, H., Papon, P. Nuclear magnetic resonance of ^{11}B in sodium borohydrides, $NaBH_4$ and $NaBD_4$ in the structural transition region 8-84492
Trolinger, J., Moore, W.W. (editor) Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.125. Advances in laser technology for the atmospheric sciences 8-85748
Trolinger, J.D. Diagnostics or turbulence of holography 8-82936
Trollope, B.J. see Mortimer, A.J. 8-96062
Trombka, J.I. see Dyer, C.S. 8-85822
Trombka, J.I. see Yin, L.I. 8-85375
Trommel, J. Molecular motions and collisions in organic free radical solutions as studied by dynamic nuclear polarization 8-91991
Trommer, R., Abstreiter, G., Cardona, M. Forbidden Raman scattering by LO phonons in GaAs 8-64367
Trommer, R., Cardona, M. Resonant Raman scattering in GaAs 8-52502
Trommer, R. see Abstreiter, G. 8-60472
Trommer, R. see Sinyukov, M. 8-52495
Trommsdorff, H.P. see Galaup, J.P. 8-88322
Trompler, S. see Hamann, C. 8-91776
Tronc, E. see Ross, J.W. 8-52396
Tronc, M. Exotic resonances 8-82660
Tronc, M. see Schermann, C. 8-78034
Tronc, M. see Simon, D. 8-90309
Troncon, C. see Bertocchi, L. 8-70569
Trondal, O. Programmed pocket calculator finds the positions of planets 8-69700
Trong Nguyen Van see Nguyen Van Trong
Trong Thinh Nguyen see Nguyen Trong Thinh
Tronko, V.D. Fundamentals of the matrix theory of active electrooptic and magneto optic media 8-63005
Tronov, G.N. see Borisov, B.A. 8-68961
Trontelj, M., Kojar, D. Sintering and grain growth in doped ZnO 8-80497
Trontelj, M., Kolar, D. Wetting of aluminum nitride by nickel alloys 8-80710
Trontelj, Z. see Luznik, J. 8-89515
Troost, A., El-Magd, E., Mokhtar, E. Creep behavior of fibre reinforced metals 8-52931
Troost, A., Schlimmer, M. Flow behaviour of plastic compressible materials 8-55573
Troost, A. see El-Magd, E. 8-72859
Troost, A. see Evenschor, P.D. 8-91200
Troost, W. see Gastmans, R. 8-93814
Trooster, J.M. see van Attekum, P.M.Th.M. 8-76562
Troper, A., Lederer, P., Gomes, A.A., Bisch, P.M. Theoretical study of hyperfine fields of rare-earth impurities in transition hosts 8-68226
Troper, A. see de Menezes, O.L.T. 8-51944, 8-72118, 8-91649
Tropin, Yu.D., Chuykov, V.S. The use of phase diagrams in the study of the magnetic diffusion aftereffect in rocks 8-61403
Tropkin, E.N. see Birman, A.Ya. 8-50825
Tropnikov, G.S., Savorovskii, N.S. An automated eddy-current unit for inspecting the surface of stamped disks 8-92430
Trosch, W. see Fuchs, W. 8-57142
Trosch, W., II. see Fuchs, W. 8-57141
Troschianko, T.S. The effect of subense and of surround luminance on the perception of a coloured field 8-57003
Troshchenko, V.T., Pokrovsky, V.V., Prokopenko, A.V. Investigation of the fracture toughness of constructional steels in cyclic loading 8-72860
Troshchenko, V.T., Voloshchenko, A.P., Gryaznov, B.A., Rvovkov, V.A., Grishko, V.G., Fot, N.A., Tseitlin, V.I., Elenevskii, D.S., Bekbulatov, R.S., Konoplyannikov, E.G., Onishchenko, A.D., Fedorov, Yu.N. Automated vibrating bench for studying fatigue in gas turbine blades with programmed changes in load and temperature 8-64800
Troshchenko, V.T., Zasinchuk, E.E., Bega, N.D. Kinetics of the variation in the substructure of molybdenum single crystals during fatigue 8-60742
Troshin, V.M. see Tikhov, S.V. 8-88043
Trost, S. see Vedlin, B. 8-63138
Trosti Ferroni, R. see Sabelli, C. 8-83782
Trostin, L.S. see Asratyan, A.E. 8-62389
Trostin, S.S. see Bulgakov, M.I. 8-60347
Trotel, J. Dynamic beam shaping 8-74834
Trotignon, J.-P. see Gauvin, R. 8-53056
Trotyuk, V.I. Influence of impurities on the signal parameters of a helium quantum magnetometer 8-82010
Trotti, G.W. see Bolton, P.D. 8-76946
Trotta, A. see Del Giudice, S. 8-85122
Trotter, D.M., Jr., Even, U., Thompson, J.C. Reflectance of liquid Ga-Te, In-Te, and Ti-Te alloys 8-72549
Trotter, D.M., Jr. see Joiner, B.A. 8-72064
Trotter, P.J., White, P.A. Resonance Raman determination of the triiodide structure in bis(tetrathiotetracene)triiodide organic conductor compared with the poly(vinyl alcohol)-iodine complex 8-66556
Trottnow, R. see Pearson, J.R.A. 8-90939
Trouilhet, Y., Widmer, F. Measurement error correction in a Couette viscosimeter caused by dissipated heat and non-Newtonian effects 8-94868
Trousil, J., Singer, J., Spackova, M. The alpha particle detector for short lived radon daughters 8-62663
Trousil, J. see Galan, P. 8-57075
Trout, E.D. see Boice, J.D., Jr. 8-65128
Trout, S.R. see Notis, M.R. 8-68220
Troutman, S.J., Jr., Webb, P. Instrument for continuous measurement of O_2 consumption and CO_2 production of men in hyperbaric chambers 8-81008
Troutt, T.R. see Ko, C.L. 8-55703
Trow, W.C. Educational technology and the computer 8-49615
Troyan, E.N. see Nakoryakov, V.E. 8-94780
Troyan, P.Ye. see Galanskiy, V.L. 8-76160
Troyan, S.I. see Dokshitzer, Yu.L. 8-93862
Troyan, V.I. see Borman, V.D. 8-64256, 8-75246, 8-83515
Troyan, V.I. see Khmelev, A.V. 8-61052
Troyan, Yu.A. see Abdaliev, A. 8-58290
Troyanovskii, B.N., Maioreski, E.V., Lukin, V.V., Garagulya, B.A. Supersonic cascades in the last stages of high-capacity steam turbines 8-87360
Troyer, S.D. see Chapman, T.W. 8-67168
Troyon, F. see Bernard, L.C. 8-86683
Troyon, F. see Chance, M.S. 8-79425
Trsic, M., Laidlaw, W.G. Hartree-Fock-Slater functions as a basis for the calculation of electron perturbation for molecules. III. Calculation of the first hyperpolarisability 8-78625
Trubacheev, G.M. see Malov, A.F. 8-70218
Trubetskoi, Yu.V. see Konarev, V.P. 8-59024
Trubitsyn, V.P. see Efimov, A.B. 8-65547
Trubkin, E.I. see Karasev, E.K. 8-79356
Trubnikov, B.A. see Zhdanov, S.K. 8-79458
Truby, F.K. Spontaneous explosions in multi-atmosphere H_2 - F_2 - O_2 mixtures 8-73044
Truby, F.K. see Gerber, R.A. 8-63102
Trucano, P. see Tzuen-Shi Chang 8-75617
Truchard, J.J. Parametric receiving array and the scattering of sound by sound 8-90563
Truchetet, F., Jurek, R., Chaussoit, J. Study of IF_3 in the millimetre wave region 8-55163
Truchon, M. see Amzallag, C. 8-64787
Truckenbrodt, H., Seiferth, W. Determination of the manufacturing tolerances of optical systems by a deterministic statement 8-90536
True, H. see Herfort, P. 8-57242
True, N.S. see Suenram, R.D. 8-55164
Trueblood, K.N. see Rosenfield, R.E., Jr. 8-91385
Truei, C.C. Anomalous electrical conduction in disordered and non-crystalline metallic conductors 8-95279
Truesdell, A.H. see McKenzie, W.F. 8-69382
Truesdell, C., Bharatha, S. The concepts and logic of classical thermodynamics as a theory of heat engines. Rigorously constructed upon the foundations laid down by S. Carnot and F. Reech 8-81938
Trufanov, A.M. see Lovchikova, G.N. 8-54764, 8-89841
Truhlar, D.G. Interpretation of the activation energy 8-93495
Truhlar, D.G., Gray, J.C. Interpretation and temperature dependence of the energy of activation for the reactions $H+Cl_2$, H_2+I , $H+H_2$, and isotopic analogs 8-76835
Truhlar, D.G., Horowitz, C.J. Functional representation of Liu and Siegbahn's accurate ab initio potential energy calculations for $H+H_2$ 8-56883
Truhlar, D.G., Mullaney, N.A. Semiclassical exchange approximation for inelastic electron scattering 8-50642
Truhlar, D.G. see Baybutt, P. 8-73026
Truhlar, D.G. see Blais, N.C. 8-82821
Truhlar, D.G. see Gray, J.C. 8-80733
Truhlar, D.G. see Numrich, R.W. 8-50613
Truhlar, D.G. see Onda, K. 8-90290
Trukhin, A.N. see Zakis, Yu.R. 8-87905
Trukhov, V.S. see Fattakhov, A.A. 8-94455
Trukhov, V.S. see Li, V.V. 8-94422
Trullinger, S.E. see Bishop, A.R. 8-56264
Trulsen, J. see Dysthe, K.B. 8-77406
Trulsen, J. see Stenflo, L. 8-57389
Truman, A. The Feynman maps and the Wiener integral 8-77758
Truman, C.R., Rice, W., Jankowski, D.F. Laminar throughflow of varying-quality steam between corotating disks 8-94802

- Truman, J.E., Coleman, M.J., Pirt, K.R. Note on the influence of nitrogen content on the resistance to pitting corrosion of stainless steels 8-80668
- Trumble, K. *see* Dworkin, L. 8-59158
- Trumble, R.R., Mernin, J.M. Human resources in physics: facts 8-61962
- Trumper, J. *see* Beuermann, K.P. 8-85851
- Trumper, J. *see* Kramer, G. 8-77538
- Trumpfheller, R. Examination of pressure vessels for nuclear power plants 8-89954
- Trung, T.V., Schutte, F.-J. Statistical behaviour of three boson field modes with trilinear interaction 8-87093
- Truni, K.G. *see* Vardanyan, D.M. 8-59821
- Trunilina, O.V. *see* Achilov, M.F. 8-52575
- Trunin, I.I. *see* Tulyakov, G.A. 8-72857
- Trunov, N.N. Modelling of the growth of FCC metal crystals from a melt in the direction (100) 8-60664
- Trunov, N.N. *see* Baryshnikov, S.V. 8-74022
- Truol, P. *see* Alder, J.C. 8-62576
- Truong, C.M. *see* Rossi, J. 8-70676
- Truong, H.V., Zinsmeister, G.E. Experimental study of heat transfer in layered composites 8-71264
- Truong, N. An economical co-ordinate reader 8-77886
- Truong, T.B. Concerning the existence of H^- ion in irradiated solvent matrices at 77K studied by stimulated luminescence 8-70779
- Truong, T.K. *see* Reed, L.S. 8-58099
- Truong, T.N. *see* Pham, T.N. 8-78155
- Truong, V.V., Larracy, N. Collective oscillations of electrons in aggregated noble-metal films 8-80428
- Truong, V.V., Scott, G.D. Light scattering from aggregated noble-metal films 8-64423
- Truong, X.T., Jarrett, S.R., Nguyen, M.C. A method for deriving viscoelastic modulus for skeletal muscle from transient pulse propagation 8-77077
- Truong Van Khiem *see* Nouailhat, A. 8-76533
- Truran, J.W., Cowan, J.J., Cameron, A.G.W. The helium-driven r-process in supernovae [relation to solar system isotopic anomalies] 8-57567
- Truran, J.W. *see* Starrfield, S. 8-57555
- Truscello, V.C. *see* Campbell, R.W. 8-85824
- Truscott, W.S. *see* Giffard, R.P. 8-84026
- Truscott, W.S. *see* Saunders, J. 8-56015
- Trushin, S.A. *see* Bertel', I.M. 8-74882
- Trushin, S.A. *see* Leshenyuk, N.S. 8-82826
- Trushkin, S.A. *see* Mingaliev, M.G. 8-61927
- Truskova, N.F. Representations of noncompact groups and the two-center problem in quantum mechanics 8-89367
- Truskova, N.F. Linear algebra of integrals of the two-center problem in quantum mechanics 8-89368
- Trusov, A.A. *see* Voitylov, V.V. 8-50699
- Trusov, L.I., Kazakova, T.A., Sherman, A.B. Formation of a film on a substrate with an elastic surface wave 8-72038
- Trussell, H.J., Hunt, B.R. Image restoration of space variant blurs by sectioned methods 8-66780
- Trussell, H.J. *see* Breedlove, J.R., Jr. 8-78054
- Trussell, H.J. *see* Hunt, B.R. 8-78951
- Truszkowska, K., Wesolowska, G., Borowicz, T., Hesolowska, G. Algorithm for determining the optical constants of thin films 8-72617
- Trutna, W.R. *see* Byer, R.L. 8-94410
- Truttmann, P. *see* Brandle, H. 8-82317
- Tryon, E.P. Comment on the analysis of Bethe-Salpeter scattering states by Hormozdiari and Huang 8-54553
- Trzaskoma, P.P. *see* Foley, R.T. 8-60867
- Trzcinski, R. *see* Herzog, P. 8-72442
- Trzebiatowski, T. *see* Strobl, G.R. 8-76383
- Tsagas, N.F., Mair, G.L.R., Prinn, A.E. Motion and shape of snowplough sheets in coaxial accelerators 8-59689
- Tsai, C.C., Stirling, W.L., Haselton, H.H., Davis, R.C., Schechter, D.E. Duopigatron ion sources for PLT injectors 8-54913
- Tsai, C.C. *see* Dagenhart, W.K. 8-54967
- Tsai, C.C. *see* Schwenterly, S.W. 8-58439
- Tsai, C.C. *see* Stirling, W.L. 8-54968, 8-58438
- Tsai, C.C. *see* Tanielian, M. 8-88048
- Tsai, C.C. *see* Whealton, J.H. 8-55294, 8-66743, 8-87005
- Tsai, C.L., Waldorf, D., Tanaka, K., Grenier, C.G. Mutual drag effect in the magneto-resistivity of antimony 8-52012
- Tsai, C.S., Kim, B., El-Akkari, F.R. Optical channel waveguide switch and coupler using total internal reflection 8-71233
- Tsai, D.H., MacDonald, R.A. Shock wave profile in a crystalline solid 8-55911
- Tsai, D.H. *see* MacDonald, R.A. 8-59922, 8-95117
- Tsai, L.L. *see* Te-Kao Wu 8-55283
- Tsai, M.J. *see* Pimmel, R.L. 8-61208
- Tsai, S.Y. New particles and new phenomena in the $SU(3) \times SU(3)'$ scheme of the three-triplet model 8-78151
- Tsai, T.H., Gerber, J.A., Weymouth, J.W., Sellmyer, D.J. Magnetic properties of the rare-earth intermetallics RGa_2 8-68184
- Tsai, Y.M., Chen, Y.T. Propagation of a flexure crack: experiment and analysis 8-80620
- Tsai Chi-kung Analysis on crack in high strain zone 8-83326
- Tsai Chi-kung, Chu Ching, Ho Chung-chih, Shen Hui-wang, Luo Li-keng, Sung Wei-shun, Yu Wei-le An investigation of a maraging steel with lower Ni and Co contents 8-84812
- Tsai Chien-Hua *see* Kung Chang-Teh 8-80090
- Tsai Chun-Tao *see* Kung Chang-Teh 8-80090
- Tsai Long-yi *see* Long-yi Tsai
- Tsai Ming-Cheng *see* Ming-Cheng Tsai
- Tsai Ming-Jong *see* Ming-Jong Tsai
- Tsai Shang-fang *see* Shang-fang Tsai
- Tsakadze, S.Dzh. Collective oscillations of the vortex lattice in He II 8-51759
- Tsakiris, J. *see* Ouillon, R. 8-64352
- Tsakiris, J. *see* Soussen-Jacob, J. 8-58696
- Tsallis, C. Influence of long-range forces in isotropic two-dimensional magnetism 8-52291
- Tsamalashvili, L.V. *see* Kaladze, T.D. 8-59561
- Tsamashpyros, G., Theocaris, P.S. Optimal rigidity of elastic structures of beams 8-59305
- Tsamashpyros, G.J. *see* Theocaris, P.S. 8-57779
- Tsan Min-Fu *see* Min-Fu Tsai
- Tsan Ung Chan, Agard, M., Bruandet, J.F., Dauchy, A., Giorni, A., Glasser, F., Koops, J.E., Morand, C., Chambon, B., Drain, D. High-spin states in ^{60}Cu and a simple shell-model description of the $J^\pi=6^-$ and 9^+ states in the odd-odd Cu isotopes 8-74313
- Tsang, C., Street, R.A. Luminescence decay in glow discharge deposited amorphous silicon 8-72590
- Tsang, C. *see* Biegelsen, D.K. 8-72589
- Tsang, C.H., White, R.L., White, R.M. Domain wall mobilities in YFeO_3 8-68287
- Tsang, J.C., Hermann, C., Shafer, M.W. Raman spectroscopy of the charge-density-wave state in TaS_3 8-60439
- Tsang, J.C., Smith, J.E., Jr., Shafer, M.W. Effect of charge density wave fluctuations on the frequencies of optic phonons in 2H-TaSe_2 and -NbSe_2 8-87750
- Tsang, J.C. *see* Mالدague, P.F. 8-80357
- Tsang, K.T., Callen, J.D. Turbulence theory for the dissipative trapped electron instability 8-71482
- Tsang, K.T., Whitson, J.C., Callen, J.D., Catto, P.J., Smith, J. Drift Alfvén waves in Tokamaks 8-79431
- Tsang, K.T. *see* Catto, P.J. 8-83549
- Tsang, K.T. *see* Uckan, N.A. 8-54892
- Tsang, L. Time-harmonic solution of the elastic head wave problem incorporating the influence of Rayleigh poles 8-63215
- Tsang, S. *see* Moore, J.F. 8-53170
- Tsang, S.H.L., du Plessis, M.P. Simulation of cardiovascular dynamics with the all-pneumatic artificial ventricle system as a replacement of the myocardial function 8-81082
- Tsang, T.-W.E. *see* Gschneider, K.A., Jr. 8-83971
- Tsang, T.-W.E. *see* Petersen, T.S. 8-68238
- Tsang, W. *see* Huie, R.E. 8-58859
- Tsang, W.T. The effects of lateral current spreading, carrier out-diffusion, and optical mode losses on the threshold current density of $\text{GaAs-AlGa}_{1-x}\text{As}$ stripe-geometry DH lasers 8-59008
- Tsang, W.T. The influence of bulk nonradiative recombination in the wide band-gap regions of molecular beam epitaxially grown $\text{GaAs-AlGa}_{1-x}\text{As}$ DH lasers 8-82967
- Tsang, W.T. Self-terminating thermal oxidation of AlAs epilayers grown on GaAs by molecular beam epitaxy 8-92374
- Tsang, W.T., Cho, A.Y. Molecular beam epitaxial writing of patterned GaAs epilayer structures [for integrated optics] 8-56590
- Tsang, W.T., Logan, R.A. Lateral-current confinement in a GaAs planar stripe-geometry and channelled substrate buried DH laser using reverse-biased p-n junctions 8-66823
- Tsang-Lang Lin, Chien-Shu Luo, Jen-Chang Chou The (p, X, X) experiment—a new approach for partial sensitivity enhancement in trace element analysis 8-61128
- Tsankov, L., Bonchev, Ts. On the shape of the Mossbauer emission line in the presence of an external periodic perturbation 8-84502
- Tsanov, T.V. *see* Surnev, L.N. 8-79874, 8-79875
- Tsantes, E. Relativistic transformation of the Newtonian force and the electromagnetic field transformations 8-49601
- Tsao, G.T. *see* Lee, Y.H. 8-63901
- Tsao, H.-S. *see* Beg, M.A.B. 8-82123
- Tsao, Y.H., Sargent, L.B., Jr. Friction and slip in the cold rolling of metals 8-64707
- Tsao Hung-Sheng *see* Hung-Sheng Tsao
- Tsap, T.T. *see* Kotov, V.A. 8-53905
- Tsaplin, M.I. Calculation of flow of a medium in the gap between a rotating disk and a fixed boundary wall 8-63439
- Tsaregorodtsev, J.I. *see* Bozrikov, P.V. 8-82132
- Tsaregradskii, V.B. *see* Kokuroshnikov, S.M. 8-57999
- Tsarenkov, B.V. *see* Askarov, P.A. 8-52071
- Tsarenkov, B.V. *see* Gold'berg, Yu.A. 8-74059, 8-84298
- Tsarenkov, B.V. *see* Imenkov, A.N. 8-52582
- Tsarev, O.B. Dynamics of the matrix synthesis in molecular biophysics. II. Principle of the infolding and unambiguity of the solution of inverse problems 8-64921
- Tsarev, V.I. *see* Kalmakov, A.A. 8-74072
- Tsarev, V.I. *see* Zhiglinskii, A.G. 8-70196
- Tsarev, V.S., Lyamtev, O.V., Baidakov, L.A. The magnetic susceptibility, dielectric constant, and some optical properties of glasses in the P-As-Se system 8-64184
- Tsarev, Yu.N. *see* Praydin, N.A. 8-92091
- Tsareva, G.A. Estimating the systematic errors of wire strain gauges in conditions of heat cycling 8-65916
- Tsarevsky, S.N., Naumov, V.K. Application of variational principles of field theory for minimizing thermal resistance of a solid with heat-exchanging surfaces 8-94512
- Tsaruk, V.I. *see* Zolin, V.F. 8-72603
- Tsay, Y.C., Shen, L. The electrical resistivity of dilute magnetic alloys: Kondo effect vs. spin glass behaviour 8-68269
- Tsay Ching-Yen *see* Ching-Yen Tsay
- Tschakert, H. Quantitative measurements for estimating the radiation dose to the patient in X-ray diagnosis 8-57073
- Tscherning, C.C. Defining the basic entities in a geodetic data base 8-65392
- Tschiegg, C.E. *see* Greenspan, M. 8-59230
- Tschierske, N. Statistical investigation of slope forms in the Al(1) clay of the Frankische Alb 8-57211
- Tschirnich, J. *see* Bartl, B. 8-77850
- Tschoegl, N.W. *see* Bloch, R. 8-59353, 8-60692
- Tschoke, H. *see* Moller, R. 8-94084
- Tschunko, H.F.A. Imaging performance of annular apertures. II. Line spread functions 8-55304
- Tse, A. *see* Jones, C.H.W. 8-88232
- Tse, J. *see* Bancroft, G.M. 8-50579
- Tse, J.S. *see* Gupta, R.P. 8-70757
- Tse, N.B., Schlusser, L., Fontana, J., Wade, G. Image reconstruction of acoustic holograms for moving objects 8-75019
- Tse, P.K., MacLaughlin, D.E. Nuclear relaxation and superconducting fluctuations in small aluminium particles 8-60251
- Tseber, A.O. Relationship between viscosity and order parameter in nematic liquid crystals 8-91242
- Tsedilina, E.E. *see* Borisov, N.D. 8-61654
- Tseitlin, G.M. *see* Gerasimenko, N.N. 8-76505
- Tseitlin, V.G. *see* Patrugin, E.A. 8-77840
- Tseitlin, V.I. *see* Troschenko, V.T. 8-64800
- Tsekhomskii, V.A. *see* Anikin, A.A. 8-60490
- Tsekhomskii, V.A. *see* Gracheva, L.V. 8-83057
- Tselishev, P.A., Bogacheva, T.M., Abayev, G.G. Heat transfer in steam condensation on a vertical cylindrical surface below the point of transition the liquid to the solid state 8-75042
- Tselishev, P.A., Bogacheva, T.M., Abayev, G.G. Heat transfer with the condensation of a vapor on a vertical cylindrical surface with laminar flow conditions of the condensate in a film 8-75057
- Tsel'mer, F.I. *see* Pryadko, A.M. 8-86374
- Tsel'nik, F.A. *see* Bocharov, V.N. 8-75259
- Tsel'y, Ya. Optical studies of annealing of GaP bombarded with N and Te ions 8-80386
- Tsendin, L.D. Electron energy distribution in an r.f. electric field 8-67363
- Tsendin, L.D., Golubovskii, Yu.B. Positive column of a low-density, low-pressure discharge. I. Electron energy distribution 8-67465
- Tsendin, L.D. *see* Dmitriev, A.P. 8-51999
- Tsendin, L.D. *see* Rozhanskii, V.A. 8-55736, 8-71445
- Tsendin, L.D. *see* Wagner, S.D. 8-67540
- Tsendin, L.D. *see* Zhilinskii, A.P. 8-75278
- Tsendrovskii, V.A. *see* Kaluzhnyi, V.M. 8-58083
- Tsendrovskii, V.A. *see* Ositinskaya, T.D. 8-65921
- Tseng, H.K., Pratt, R.H., Yu, S., Ron, A. Photoelectron angular distributions 8-58635
- Tseng, H.K. *see* Pratt, R.H. 8-62920
- Tseng, J.K.F., Larson, E.H., Tien, C. Simultaneous heat and mass transfer on the formation of solid particles from droplets of colloidal solutions 8-95967
- Tseng, M.M. *see* Buckius, R.O. 8-90679
- Tseng, P.K. *see* Chuang, S.Y. 8-84678
- Tseng, W. *see* Christou, A. 8-63942
- Tseng, W.F., Koji, T., Mayer, J.W., Seidel, T.E. Simultaneous gettering of Au in silicon by phosphorus and dislocations 8-91346
- Tseng, W.F., Lau, S.S., Mayer, J.W. Formation of stacking faults and dislocations in phosphorus diffused silicon 8-95059

- Tseng, W.F.**, Mayer, J.W. Grain size dependence in a self-implanted silicon layer on laser irradiation energy density 8-72012
- Tseng, W.F.** *see* Lau, S.S. 8-79899, 8-84079
- Tseng Han-min** Structure and colloidal behaviour of multiphase composite systems of graft or block copolymer and their practical significance 8-73088
- Tsenter, E.M.** *see* Bespyatykh, A.S. 8-93657
- Tseren, Ch.** *see* Pak, A.S. 8-94028
- Tserpitskii, B.D.** *see* Popov, V.F. 8-74523
- Tserruya, I.** *see* Eyal, Y. 8-82373
- Tserruya, I.** *see* Schmidt-Bocking, H. 8-90188
- Tserruya, I.** *see* Stokstad, R.G. 8-78407
- Tsesler, L.B.** *see* Nudel'man, I.M. 8-49797
- Tseung, A.C.C.** *see* Kelly, J. 8-52706
- Tsherbach, T.A.** *see* Glezer, V.D. 8-69068
- Tsibul'kin, L.M.** *see* Vlasov, N.G. 8-78969
- Tsibulya, A.B.**, Chertov, V.G., Shereshev, A.B. Spatial structure of laser beams and geometrical optics 8-83014
- Tsibulya, A.B.** *see* Gol'dfarb, I.S. 8-59138
- Tsien, R.W.** *see* Weingart, R. 8-61155
- Tsifrinovich, V.I.** *see* Ignatchenko, V.A. 8-80225
- Tsikarishvili, E.G.** *see* Machabeli, G.Z. 8-91089
- Tsikin, B.G.** *see* Starshin, M.I. 8-59667
- Tsiklauri, G.V.** *see* Styricovich, M.A. 8-90908
- Tsiklauri, G.V.** *see* Styrikovich, M.A. 8-90985
- Tsikora, I.L.** *see* Bugrim, E.D. 8-70869
- Tsilimigras, P.** *see* Jannussis, A.D. 8-75972
- Tsilimigras, T.** *see* Michaelidou, C. 8-93904
- Tsilimigras, T.** *see* Rohringer, H. 8-74277
- Tsimmerman, F.Kh.** *see* Marder, A.Kh. 8-85079
- Tsimmerman, G.G.** Truncation of the exponential correlation function for turbulence in channels, tubes and a boundary layer 8-75124
- Tsinober, L.I.** *see* Belov, N.V. 8-83763
- Tsintsadze, G.A.** *see* Buchachenko, A.L. 8-88120
- Tsintsadze, G.A.** *see* Galkin, A.A. 8-52339
- Tsintsadze, G.A.** *see* Kozhukhar', A.Yu. 8-72397, 8-88185
- Tsintsadze, N.L.** *see* Midzuno, Y. 8-91070
- Tsionsky, V.M.** *see* Ivanov, V.F. 8-53215
- Tsipenyuk, Yu.M.** *see* Zhuchko, V.E. 8-54808
- Tsipinyuk, B.A.** *see* Avakov, A.S. 8-68595
- Tsprin, M.G.** Flow of polymer solutions and melts under constant and periodic deformation. II 8-64579
- Tsipunov, A.G.** *see* Parabina, G.I. 8-60612
- Tsirkel', B.I.** *see* Bakshut, F.G. 8-67418, 8-67419, 8-79473
- Tsirlin, A.M.** *see* Konev, D.G. 8-93655
- Tsirlin, O.V.** *see* Yudaev, B.N. 8-55553
- Tsirlin, Yu.A.** *see* Galunov, N.Z. 8-92126
- Tsirs, V.Ye.** Surges in daytime absorption as a function of substorm phase and of the direction of the interplanetary magnetic field 8-73575
- Tsirul'nik, P.N.** *see* Volkova, N.V. 8-55418
- Tsirul'nikov, A.S.** *see* Merzlyakov, E.I. 8-55550
- Tsitrovskii, V.V.** *see* Gerasimenko, V.S. 8-83053
- Tsitrovskii, V.V.** *see* Oleksyuk, I.D. 8-63158
- Tsitvinsky, A.** *see* Ray, P.S. 8-59664
- Tskhai, V.A.** *see* Mokhracheva, L.P. 8-63961
- Tskhakaya, D.D.** *see* Zynder, D. 8-59566
- Tskhakaya, V.K.** *see* Zykov, B.M. 8-92402
- Tso, T.** *see* Berglund, A. 8-66160
- Tso-Hsiu Ho** *see* Ho Tso-Hsiu
- Tso-Ping Ma, Ma, W.H.-L.** Effects of RF annealing on the excess charge centers in MIS dielectrics 8-88035
- Tsobkallo, S.O.** *see* Balatskii, K.K. 8-56687
- Tsofina, L.M.** *see* Khashayev, Z.Kh.-M. 8-64946
- Tsofina, L.M.** *see* Liberman, Ye.A. 8-64951, 8-69015
- Tsoi, A.A.** *see* Arefiev, K.P. 8-76552
- Tsoi, D.N.** Method of slip lines in problems of axisymmetric plastic deformation 8-83261
- Tsoi, G.M.**, Chetaev, M.P., Shnyrkov, V.I., Dmitrenko, I.M. Quantum interference and Josephson effect in Nb₃Al compound 8-56259
- Tsoi, G.M.** *see* Shnyrkov, V.I. 8-88081
- Tsoi, V.S.** *see* Mitrajacv, A.A. 8-76131
- Tsong, I.S.T.** Reply to 'photon emission from sputtered atoms—The observation of apparent local thermodynamic equilibrium in the excitation' by R.J. Macdonald, R.F. Garrett and P.J. Martin 8-72673
- Tsong, T.T.** Measurement of the field evaporation rate of several transition metals 8-76590
- Tsong, T.T.**, Ng, Y.S., Krishnaswamy, S.V. Quantification of atom-probe FIM data and an application to the investigation of surface segregation of alloys 8-62263
- Tsong, T.T.**, Ng, Y.S., Melmed, A.J. TOF atom-probe mass spectra of GaAs 8-92584
- Tsong, T.T.** *see* Ng, Y.S. 8-64766
- Tsong, T.T.** *see* Sakurai, T. 8-71968
- Tsong Tian Yow** *see* Tian Yow Tsong
- Tsorin, E.I.** *see* Vinogradov, N.V. 8-60954
- Tsotsos, J.**, Baecker, R., Covvey, H.D., Reeves, W., Mylopoulos, J., Wigle, E.D. An interactive knowledge-based systems approach to cardiac image description and analysis 8-81031
- Tsou, B.** *see* Huong-Peng Tsou, B.
- Tsou Jenq-Der** *see* Jenq-Der Tsou
- Tsou Sheung Tsun** Strange baryoniums: their spectrum, decay and production 8-93854
- Tsou Sheung Tsun** *see* Chan Hong-Mo 8-74212
- Tsoupas, N.** *see* Bolton, C. 8-82405
- Tsu, R.**, Gonzalez H., J., Hernandez C., I. Observation of splitting of the E_{2g} mode and two-phonon spectrum in graphites 8-92077
- Tsu-Hsiu Ho** *see* Ho Tso-Hsiu
- Tsu-Wei Chou** *see* Ichikawa, M. 8-95055
- Tsubaki, T.**, Komatsu, T., Matsuo, S. Turbulence and entrainment in stratified shear flows 8-55674
- Tsubina, Kh.V.** *see* Golubkov, A.G. 8-53267
- Tsuboi, K.K.** *see* Parks, N.J. 8-81089
- Tsuboi, M.** *see* Nakanishi, M. 8-78739
- Tsuboi, N.** *see* Murakami, K. 8-76957
- Tsubokawa, M.** *see* Kimura, H. 8-84918
- Tsubomura, H.** *see* Yamada, H. 8-76446
- Tsubono, K.** *see* Hirakawa, H. 8-73730
- Tsubono, K.** *see* Suzuki, T. 8-75093
- Tsubota, H.**, Oikawa, S., Uegaki, J., Tamae, T. Isospin effects in the giant dipole resonance region of ⁵¹V and ⁵⁹Co 8-78344
- Tsubota, K.** *see* Kita, K. 8-52949
- Tsubouchi, K.** *see* Yamanishi, M. 8-82977
- Tsubouchi, N.**, Miyoshi, H., Abe, H. Suppression of oxidation-induced stacking fault formation in silicon by high pressure steam oxidation 8-83830
- Tsuchida, E.**, Kodama, M., Maeda, K., Nakahara, I. Stresses in a thick plate containing an eccentric spherical cavity under transverse bending 8-63288
- Tsuchida, E.**, Matsuo, M., Kobayashi, H., Inoue, N., Kodama, M. Fracture mechanics study of delayed fracture in SNCM8 8-52961
- Tsuchida, E.** *see* Fujita, T. 8-83243
- Tsuchida, K.** *see* Kadota, K. 8-63590
- Tsuchida, T.** *see* Furui, S. 8-74253
- Tsuchihashi, N.** *see* Shimizu, K. 8-53218
- Tsuchimoko, T.** Consideration of plasma deposition and plasma stream transport 8-92199
- Tsuchimoto, T.** Plasma stream transport method. I. Fundamental concept and experiment 8-52684
- Tsuchiya, A.** The photoelectric circuit of the laser ranging equipment 8-89075
- Tsuchiya, A.**, Kobayashi, N., Sato, H., Torii, Y., Oshima, N., Noguchi, M. The system controller of the laser ranging equipment 8-89079
- Tsuchiya, A.** *see* Kozai, Y. 8-89074
- Tsuchiya, H.** *see* Fukami, T. 8-88426
- Tsuchiya, H.** *see* Hatakeyama, I. 8-75007, 8-83126, 8-87140
- Tsuchiya, H.** *see* Murakami, Y. 8-55444, 8-71209
- Tsuchiya, H.** *see* Shimizu, N. 8-87139
- Tsuchiya, K.** *see* Tamai, T. 8-68072
- Tsuchiya, T.** *see* Azami, T. 8-62262
- Tsuchiya, Y.** *see* Noguchi, S. 8-56542
- Tsuchiya, Y.** *see* Takeda, S. 8-80121
- Tsuchiya, Y.** *see* Tamaki, S. 8-95253
- Tsuchiya, Y.** *see* Waseda, Y. 8-83935
- Tsuda, O.** *see* Fujita, T. 8-67143
- Tsuda, T.**, Novotny, M. Packed microcapillary columns in high performance liquid chromatography 8-61069
- Tsuda, T.**, Novotny, M. Band-broadening phenomena in microcapillary tubes under the conditions of liquid chromatography 8-61085
- Tsuda, T.**, Yasuoka, H. ⁵⁹Co NMR in an antiferromagnetic KCoF₃ single crystal 8-76332
- Tsuei, C.C.** High-temperature superconducting tape via the amorphous state 8-84708
- Tsuei, C.C.**, von Molnar, S., Coey, J.M. Comparison between the amorphous and crystalline (A-15) phases on Nb₃Ge 8-83896
- Tsuei, C.C.** *see* Alessandrini, E.I. 8-72022
- Tsuei, C.C.** *see* Berry, B.S. 8-79666
- Tsuei, C.C.** *see* Craven, R.A. 8-56333
- Tsuei, C.C.** *see* Johnson, W.L. 8-68113
- Tsugawa, R.T.** *see* Pyper, J.W. 8-58090
- Tsuge, S.** A dispersion relationship governing incompressible wall turbulence 8-94673
- Tsui, B.M.W.**, Metz, C.E., Atkins, F.B., Starr, S.J., Beck, R.N. A comparison of optimum detector spatial resolution in nuclear imaging based on statistical theory and on observer performance 8-73223
- Tsui, D.C.**, Allen, S.J., Jr., Logan, R.A., Kamgar, A., Coppersmith, S.N. High frequency conductivity in silicon inversion layers: Drude relaxation, 2D plasmons and minigaps in a surface superlattice 8-60230
- Tsui, D.C.**, Sturge, M.D., Kamgar, A., Allen, S.J., Jr. Surface band structure of electron inversion layers on vicinal planes of Si (100) 8-68062
- Tsui, D.C.** *see* Gornik, E. 8-64128
- Tsui, D.C.** *see* Kamgar, A. 8-64123
- Tsui, D.C.** *see* Kennedy, T.A. 8-64363
- Tsui, D.C.** *see* Krivanek, O.L. 8-56046
- Tsui, E.**, Budinger, T.F. Transverse section imaging of mean clearance time 8-73222
- Tsuji, E.** *see* Ike, H. 8-60872
- Tsuji, H.** *see* Ishikawa, J. 8-66007
- Tsuji, K.**, Yao, M., Endo, H. Electrical conductivity of liquid Te and its dilute alloys containing Co, Cr, Au and Ag at high temperatures and pressures 8-87959
- Tsuji, K.**, Yao, M., Endo, H., Inutake, M., Fujiwaka, S., Suzuki, K. Electrical conductivity and thermoelectric power of expanded mercury and dilute amalgams. II. Dilute Au, Tl and Bi amalgams 8-51976
- Tsuji, K.** *see* Yoshida, Y. 8-86732
- Tsuji, M.**, Ogawa, Y. Decoupling control of nonlinear coupled core reactor 8-54845
- Tsuji, M.** *see* Fukutome, H. 8-50622
- Tsuji, M.** *see* Matsuo, E. 8-84272
- Tsuji, S.**, Katakura, H. A fundamental study of aeration in oil. II. The effects of the diffusion of air on the diameter change of a small bubble rising in a hydraulic oil 8-90966
- Tsuji, T.** A possible identification of H₂O thermal emission in the infrared spectra of late-type stars 8-81628
- Tsuji, T.** *see* Fujita, Y. 8-73710
- Tsuji, T.** *see* Tanaka, W. 8-61850
- Tsuji, G.** *see* Watanabe, M. 8-53025
- Tsujikawa, S.**, Hisamatsu, Y. The role of corrosion-pits in stress cracking initiation of type 304 steel in chloride solution 8-92397
- Tsujimoto, A.** *see* Norimatsu, T. 8-87469
- Tsujimoto, I.** *see* Takahashi, T. 8-56893
- Tsujimoto, S.** *see* Furuta, T. 8-87382
- Tsujimoto, Y.** *see* Murata, S. 8-67167
- Tsujino, T.** *see* Shima, A. 8-56786, 8-79343, 8-79344
- Tsujiita, T.** *see* Ohkita, K. 8-68891
- Tsujitani, M.**, Ohta, H., Kase, S. Theoretical analysis of distribution of breaking strength of CV-cable 8-84921
- Tsujiuchi, J.** *see* Saito, T. 8-58947
- Tsujiuchi, J.** *see* Ueha, S. 8-79171
- Tsujiura, M.** Spectral features of foreshocks 8-96147
- Tsujiura, M.** *see* Chouet, B. 8-92783
- Tsukada, H.**, Nakazaki, T. Construction experience of a large BWR power plant 8-86673
- Tsukada, M.**, Sugano, N. Effect of correlated adjacent interspike interval sequences of the input on the output response in the computer-simulated neuromuscular system 8-80858
- Tsukada, M.** *see* Adachi, H. 8-90332
- Tsukada, R.** *see* Adachi, M. 8-78474
- Tsukada, T.**, Hosokawa, N., Kobayashi, H. Increase of substrate temperature in high rate coaxial cylindrical magnetron sputtering 8-56579
- Tsukahara, K.** *see* Fujisaki, H. 8-82243
- Tsukahara, S.**, Satoh, T., Tsumahima, T. Magnetic anisotropy distribution near the surface of amorphous ribbons 8-95430
- Tsukahara, Y.** *see* Awatani, J. 8-64689
- Tsakakoshi, M.**, Shimoda, K. Observation of isotope shifts in three-level systems of atomic xenon 8-82670
- Tsakamoto, C.** *see* Furukawa, K. 8-95929
- Tsukerman, E.V.** *see* Kiva, V.I. 8-82931
- Tsukernikov, I.E.** *see* Rimskii-Korsakov, A.V. 8-83149
- Tsukiji, M.** *see* Umeda, N. 8-90426
- Tsukizoe, T.**, Ohmaki, N. Wear mechanism of unidirectionally oriented fiber-reinforced plastics 8-56782
- Tsukizoe, T.** *see* Sakamoto, T. 8-64739, 8-88542
- Tsukuda, I.** *see* Inakazu, N. 8-76710
- Tsukuda, N.** *see* Kitajima, K. 8-71760
- Tsumura, K.**, Karakama, I., Ogino, I., Sakai, K., Takahashi, M. Observation of the earthquake swarm in the Izu Peninsula (1975-1977) 8-96141
- Tsun, T.S.** *see* Hong-Mo, C. 8-82158
- Tsun, T.** *see* Sheung *see* Sheung Tsun, T.
- Tsun Tsou Sheung** *see* Tsou Sheung Tsun
- Tsun Wu Tai** *see* Tai Tsun Wu
- Tsunakawa, H.** *see* Aoki, R. 8-87378
- Tsunakawa, H.** *see* Igata, N. 8-87663
- Tsunasawa, E.**, Inagaki, K., Yamanaka, K. Deposition conditions and some properties of ion-plated aluminum coatings 8-80477
- Tsunashima, S.**, Takagi, H., Kamagaki, K., Fujii, T., Uchiyama, S. Magnetoelastic contribution to perpendicular anisotropy in amorphous Gd-Co and Gd-Fe films 8-95490
- Tsuneishi, Y.** *see* Takahashi, H. 8-96242
- Tsunekawa, S.**, Kojima, T. Microwave spectrum of hydrazine-d₄ 8-62793
- Tsunekawa, S.** *see* Sekiya, H. 8-74626
- Tsunekawa, S.** *see* Someno, M. 8-56945
- Tsunematsu, T.**, Takeda, T. A new iterative method for solution of a large-scale general eigenvalue problem 8-89318

- Tsuneoka, T.** Frame recording method applied to the intermittent X-ray television 8-89607
- Tsuneoka, T.** A basic study of enlarged photofluorography using 12-inch image intensifier 8-96087
- Tsuneto, T.** *see* Fujita, T. 8-67880
- Tsuneto, T.** *see* Nakayama, I. 8-76183
- Tsuneyasu, I.** *see* Akazaki, M. 8-67563
- Tsung, T.** The Jiling meteorite 8-85918
- Tsung-sen Yu** *see* Yu Tsung-sen
- Tsuno, K.** Inhomogeneity of magnetic field of electromagnet produced by parallel shift of the central axis of a pole relative to another pole 8-55276
- Tsuno, K.** *see* Nakagawa, K. 8-86314
- Tsunoda, R.** *see* Minkoff, J. 8-73580
- Tsunoda, R.T.** *see* Moorcroft, D.R. 8-77388
- Tsunoda, T.** Chiba, K., Fukumura, M. Surface treatment of polymer. IV. Contact angles of nitrobenzene in water for pretreated polyethylene 8-79858
- Tsunoda, T.** Oba, Y., Fukumura, M. Studies on surface treatment of polymer. V. Surface properties of ultraviolet irradiated poly(ethylene terephthalate) 8-79859
- Tsunoda, T.** *see* Koseki, K. 8-94418
- Tsunoda, T.** *see* Tanabe, A. 8-50279
- Tsunoda, Y.** *see* Iida, S. 8-60266
- Tsunoyama, K.** Ohashi, Y., Suzuki, T. On the emission of secondary ions during oxygen ion bombardment 8-84691
- Tsupko-Sitnikov, V.M.** *see* Alikov, B.A. 8-82562
- Tsuprun, V.L.** Samsonidze, T.G., Kiselev, N.A. Indexing spiral objects on photomicrographs by comparing the phases of symmetrical reflections in an optical diffractometer 8-96121
- Tsurikov, V.I.** *see* Kreingol'd, F.I. 8-92099
- Tsurin, V.A.** Ermakov, A.E. Ordering of the FePd alloy of equi-atomic composition under load 8-92258
- Tsurin, V.A.** Men'shikov, A.Z. Hyperfine interactions in the alloy Pd₃Fe during its ordering 8-56630
- Tsurkan, V.V.** *see* Golant, K.M. 8-84238
- Tsurpal, I.A.** *see* Guz, A.N. 8-55597
- Tsurubuchi, S.** *see* Mohlmann, G.R. 8-70874
- Tsurumi, S.** Michikami, O., Yamaguchi, Y. Contact-spring properties of Ag-Pd-Cu alloys 8-88473
- Tsuruta, H.** *see* Natsume, H. 8-54841
- Tsuruta, T.** Yazaki, M. Quantitative analysis of boron with solid state track detector 8-56937
- Tsuzaki, Y.** *see* Hattori, H. 8-61277
- Tsushima, K.** *see* Tamaki, T. 8-76292
- Tsushima, T.** *see* Katayama, T. 8-64235
- Tsushima, T.** *see* Koshizuka, N. 8-68491
- Tsushima, T.** *see* Nakao, K. 8-68330
- Tsushima, T.** *see* Nishihara, Y. 8-63950
- Tsushima, T.** *see* Shibata, T. 8-68298
- Tsushima, T.** *see* Tsukahara, S. 8-95430
- Tsutsui, M.** *see* Doi, Y. 8-85177
- Tsutsui, M.** *see* Saita, Y. 8-85040
- Tsutsui, M.** *see* Asaoka, T. 8-78440
- Tsutsumi, K.** Sambongi, T., Kagoshima, S., Ishiguro, T. X-ray study of the Feierts superstructure in TaS₃ 8-59793
- Tsutsumi, K.** *see* Hagiwara, S. 8-68915
- Tsutsumi, M.** Morimoto, T., Kumagai, N. Theoretical considerations on velocity change of Lamb waves by magnetoelastic effect 8-91923
- Tsutsumi, M.** *see* Ikegami, T. 8-80486
- Tsutsumi, M.** *see* Moriyoshi, Y. 8-56796, 8-64513
- Tsutsumi, S.** *see* Kasuga, Y. 8-84841
- Tsutsumi, Y.** Ohkushi, K. Granulation of moist powder on a vibrated chute 8-95710
- Tsuya, H.** Optical damage in transition-metal-doped LiTaO₃ 8-95571
- Tsuya, K.** *see* Ishikawa, K. 8-72878
- Tsuya, N.** Arai, K. New ribbon-form materials 8-92210
- Tsuya, N.** *see* Arai, K.I. 8-68353
- Tsuya, N.** *see* Fukamichi, K. 8-91922
- Tsuya, N.** *see* Kikuchi, M. 8-76291
- Tsuyama, H.** Hashimoto, N. Quantitative analysis of phosphorus and arsenic in silicon by means of ion microanalyzer 8-85250
- Tsuyama, H.** *see* Hashimoto, N. 8-85251
- Tsuyama, H.** *see* Taya, S. 8-56929, 8-64908, 8-70216
- Tsuying Hsieh** Low supersonic flow over hemisphere-cylinder at incidence 8-59419
- Tsuzuki, N.** *see* Suzuki, Y. 8-50366
- Tsuzuku, S.** *see* Iijima, T. 8-91460
- Tsuzuku, T.** *see* Kawamura, K. 8-76092
- Tsvankin, D.Ya.** *see* Gerasimov, V.I. 8-71690
- Tsvankin, D.Ya.** *see* Tarasov, S.G. 8-88512
- Tsvelik, A.M.** Barabanov, A.F. Renormalization of the velocity of sound in phase transitions involving changes in valency 8-79963
- Tsvelik, V.A.** *see* Polukhin, G.I. 8-73962
- Tsvelodub, O.Yu.** Stability of Poiseuille flow in an elastic channel 8-90835
- Tsvelodub, O.Yu.** *see* Sobolev, V.V. 8-51211
- Tsvetaev, S.K.** *see* Skobel'tsyn, V.V. 8-81959
- Tsvetkov, E.A.** Calculation of the optical fluorescence intensities and crystal field parameters of Nd³⁺ in calcium fluorophosphate 8-52570
- Tsvetkov, L.I.** On a method of polarization observations of solar radio emission in the 1.9-3.5 cm wavelength band 8-65587
- Tsvetkov, M.Yu.** *see* Zorev, N.N. 8-71115
- Tsvetkov, V.F.** *see* Tairov, Yu.M. 8-59797, 8-92044
- Tsvetkov, V.N.** *see* Ruyntsev, E.I. 8-84521
- Tsvetkov, V.P.** *see* Kerimov, B.K. 8-74804
- Tsvetkov, Yu.D.** *see* Bowman, M.K. 8-61141
- Tsvetkov, Yu.D.** *see* Dikanov, S.A. 8-88164
- Tsvetkov, Yu.V.** *see* Drugovskii, A.I. 8-52716
- Tsvetkova, A.Kh.** *see* Korchagin, I.V. 8-68653
- Tsvetkova, L.E.** *see* Potapov, A.V. 8-71459
- Tsvetyanskii, V.L.** *see* Zaleskii, V.V. 8-95894
- Tsvikilevich, O.S.** *see* Kissil', A.E. 8-56692
- Tsvikilevich, O.S.** *see* Maximovich, G.G. 8-92266
- Tsvirko, M.P.** *see* Sapunov, V.V. 8-76992
- Tsvjashchenko, V.A.** Analysis of short-period variations of a natural electromagnetic field for determining the type of wave and direction of its propagation 8-85474
- Tsyashchenko, Yu.P.** Krasnyanskii, G.E., Korotkov, P.A. Dispersion analysis of the IR reflection spectrum of α -HfO₃ single crystals 8-56493
- Tsyashchenko, Yu.P.** Pinkevich, I.P., Grigoruk, V.I. Dynamic inhomogeneous broadening of bands of local vibrations in solid solutions 8-92102
- Tsyashchenko, Yu.P.** Pinkevich, I.P., Grigoruk, V.I. Decay-induced inhomogeneous broadening of absorption bands of internal molecular vibrations of impurity centers in solid solutions 8-92103
- Tsyashchenko, Yu.P.** *see* Grigoruk, V.I. 8-72526
- Tsybko, Ya.G.** *see* Abranin, E.P. 8-65597
- Tsydygov, Ch.Ts.** Bayarsuren, G., Lantuu, L. Space-time distribution of the refractive index of the air in Mongolia 8-81335
- Tsydygov, Ch.Ts.** *see* Dorzhiev, V.S. 8-88796
- Tsygan, A.I.** What maintains Saturn's rings? 8-53869
- Tsyganenko, V.V.** *see* Kucherov, G.V. 8-86385
- Tsygankov, S.F.** *see* Novikov, G.G. 8-61814
- Tsyganov, M.A.** *see* Vangermann, G. 8-68988
- Tsygir, O.D.** *see* Smirnov, V.V. 8-82676
- Tsykalo, A.L.** Bagmet, A.D. Molecular dynamics study of the nematic liquid crystals 8-75544
- Tsykalo, A.L.** Bagmet, A.D. Molecular dynamics study of nematic liquid crystal orientation ordering 8-91239
- Tsykalo, A.L.** Doroshenko, Zh.F. Contribution of nonadditive dispersion interactions to the third virial coefficient of gas mixtures 8-67299
- Tsykanov, V.A.** Gryazev, V.M., Davydov, E.F., Kuz'min, V.I., Maershin, A.A., Syuzev, V.N., Golovnin, I.S., Men'shikova, T.S., Bibilashvili, Yu.K., Kotelnikov, R.B., Mukhin, V.S., Kalashnik, G.V. Results of testing carbide fuel elements in the BOR-60 reactor 8-86582
- Tsybal, L.T.** *see* Galkin, A.A. 8-79981
- Tsybin, S.G.** *see* Ibraimov, V.Yu. 8-86697
- Tsyarkin, V.I.** *see* Kleshchevnikov, O.A. 8-64648
- Tsytko, N.K.** *see* Pilat, I.M. 8-77904
- Tsyplakov, D.P.** *see* Kurbatov, V.M. 8-89537
- Tsyru'nikov, A.S.** *see* Merzlyakov, E.I. 8-83400
- Tsytoich, V.N.** *see* Akopian, A.V. 8-75376
- Tsytoich, V.N.** *see* Ginzburg, V.L. 8-58895
- Tsytoich, V.N.** *see* Khakimov, F.Kh. 8-75340
- Tsytoich, V.N.** *see* Khakimova, M. 8-77568
- Tsytoich, V.N.** *see* Khodataev, K.V. 8-90001
- Tsytoich, V.N.** *see* Komilov, K. 8-75339
- Tsytoich, V.N.** *see* Rudakov, L.I. 8-51302
- Tsytoich, V.N.** *see* Varyaev, A.A. 8-75323
- Tsyvkin, V.R.** *see* Bessalova, E.S. 8-77963
- Tu, K.** Nonlinear modulation of lower-hybrid and ion-cyclotron waves 8-75295
- Tu, K.N.** *see* Chu, W.K. 8-75890
- Tu, K.N.** *see* Lau, S.S. 8-79823
- Tu, K.W.** *see* Kanapilly, G.M. 8-76929
- Tu, L.K.L.** Seth, B.B. Threshold corrosion fatigue crack growth in steels 8-53027
- Tu, L.K.L.** Seth, B.B. The role of NDT in the fracture mechanics evaluation 8-68862
- Tu Chen, Rogowski, D.** White, R.M. On the properties and electronic structure of MnSb, CoSb and NiSb 8-67935
- Tu Chen, Rogowski, D.A.** White, R.M. Microstructure and magnetic properties of electroless Co-P thin films grown on an aluminum base disk substrate 8-68304
- Tu Tung-sheng, Ruan Tu-nan** Various expressions for the field strengths of a monopole with different velocities and the integral form of the potential of a monopole 8-77740
- Tu Tung-sheng** *see* Wu Yung-Shi 8-86459
- Tu Yung-Yi** *see* Yung-Yi Tu
- Tu-nan Ruan** *see* Ruan Tu-nan
- Tuan, H.S.** *see* Hsu, T.Y. 8-55471
- Tuan, H.S.** *see* Parekh, J.P. 8-75017, 8-84473
- Tuan, H.S.** *see* Wu, S.D. 8-60019
- Tuan, S.F.** *see* Dobson, P.N., Jr. 8-82109, 8-89712
- Tuan Duong Hong** *see* Hong Tuan Duong
- Tuan Nguyen Quoc** *see* Nguyen Quoc Tuan
- Tubbs, D.L.** Direct-simulation neutrino transport: aspects of equilibration 8-89050
- Tubbs, D.L.** *see* Freedman, D.Z. 8-85964
- Tubbs, J.D.** *see* Engvall, J.L. 8-65440
- Tubbs, R.L.** *see* Parker, D.E. 8-85332
- Tucciarone, A.** Angular variation of induced anisotropy: A new method for characterization of atomic centers in magnetic crystals 8-95429
- Tucciarone, A.** *see* Antonini, B. 8-95595
- Tucek, J.** *see* Shabratova, G.S. 8-82359
- Tuchendler, J.** *see* Fert, A.R. 8-80339
- Tuchendler, J.** *see* Magarino, J. 8-80205
- Tuchendler, J.** *see* Von Ortenberg, M. 8-64084
- Tuchin, V.V.** Chetverikov, V.I. Calculation of the frequency and amplitude fluctuation spectra of the radiation of a gas laser in the presence of discharge current fluctuations 8-82950
- Tuchin, V.V.** *see* Lobachev, M.I. 8-87086
- Tuchinskii, L.I.** *see* Frantsevich, I.N. 8-60595
- Tuck, A.F.** Changes to the ozone layer 8-92933
- Tuck, A.F.** *see* Groves, K.S. 8-65370
- Tuck, B.** Jay, P.R. Low-temperature diffusion of silver in InP 8-75884
- Tuck, E.O.** *see* van den Broeck, J.-M. 8-51146
- Tuck, O.M.** *see* Garrison, J.B. 8-80937
- Tucker, A.W.** *see* Birnbaum, M. 8-66842
- Tucker, H.E.** *see* Miller, J.R. 8-58487
- Tucker, J.** *see* Charman, W.N. 8-69042
- Tucker, J.W.** The frequency moments of the spin correlation function for a dilute Heisenberg paramagnet with uniaxial anisotropy 8-84377
- Tucker, J.W.** Spin dynamics of a diluted Heisenberg magnet at elevated temperatures 8-84433
- Tucker, J.W.** Concentration dependence of the spin diffusion constant for a diluted Heisenberg magnet 8-88089
- Tucker, K.D.** Kutner, M.L. The abundance and distribution of interstellar C₂H 8-65664
- Tucker, M.O.** The spacing of intergranular fission gas bubbles in irradiated UO₂ 8-66340
- Tucker, M.O.** The transfer of fission gas between grain faces and edges in UO₂ 8-79815
- Tucker, M.O.** Brown, A.F., Healey, T. Partitioning behaviour of oxygen in steam-oxidized Zircaloy 8-68839
- Tucker, P.** O'Reilly, W. A magnetic study of single-crystal titanomagnetite (Fe₂₄Ti_{0.6}O₄) 8-56345
- Tucker, R.W.** *see* Howe, P.S. 8-49980, 8-58138, 8-70257
- Tucker, T.T.** *see* Shleien, B. 8-85382
- Tucker, W.K.** *see* Cnare, E.C. 8-55029
- Tuckmantel, J.** *see* Borreani, G. 8-82232
- Tuckwell, H.C.** Miura, R.M. A mathematical model for spreading cortical depression 8-80857
- Tudja, M.** Omejec, L., Ban, Z. Neutron diffraction study of 'FCC-uranium' 8-79777
- Tudorache, S.** Atomic level crossings using laser excitation 8-50510
- Tudorache, St.** *see* Lupascu, A. 8-66521
- Tudron, T.N.** *see* Creutz, M. 8-70278
- Tufekci, D.** A prediction of sedimentary environment from marine seismic data 8-96303
- Tufte, O.N.** *see* Lee, T.C. 8-71175, 8-90391
- Tug, H.** *see* Rudolph, R. 8-53830
- Tugushev, V.V.** *see* Kopaev, Yu.V. 8-55357
- Tugushev, V.V.** *see* Volkov, B.A. 8-64183, 8-88132
- Tuchiev, N.** *see* Dergachev, V.A. 8-61478
- Tuillier, J.C.** *see* Von Ortenberg, M. 8-64084
- Tuinstra, F.** Storm, G.M.F. A universal high-temperature device for single-crystal diffraction 8-74116
- Tuite, M.** *see* Baaklini, N.S. 8-58113
- Tuithof, H.H.** Simultaneous ion detection in a mass spectrometer with variable mass dispersion 8-78027
- Tukey, J.W.** *see* Atal, B.S. 8-69110
- Tulaikova, A.A.** *see* Monosov, Ya.A. 8-63197
- Tulanov, V.T.** *see* Gorlin, G.B. 8-58082
- Tulczyjew, M.** *see* Benetti, S. 8-86128
- Tulenko, J.S.** *see* Robichaud, G.G. 8-82420
- Tuler, F.R.** *see* Marom, G. 8-68769
- Tuley, F.H., Jr.** *see* Brown, A.M. 8-53381
- Tuleya, R.E.** Kurihara, Y. A numerical simulation of the landfall of tropical cyclones 8-81308
- Tuli, S.** *see* Borreani, G. 8-82232
- Tulinov, G.Y.** *see* Megie, G. 8-61613
- Tulinov, V.F.** Feygin, V.M., Savel'yev, M.A., Zhuchenko, Yu.M., Lipovetskiy, V.A., D'yachenko, V.A., Babayev, A.P., Zhuchenko, T.A., Tulyakov, V.V., Novikov, L.S. Experimental investigation of the daily variations of precipitating corpuscular emissions 8-69575
- Tulinov, B.M.** *see* Bartenew, G.M. 8-84991
- Tulip, J.** *see* Seguin, H.J.J. 8-50785, 8-82983

- Tull, J.F.** Structural development of the Alabama Piedmont northwest of the Brevard zone 8-65290
- Tullett, M.T.** A dust fall on 6 March 1977 8-57287
- Tully, J.A.** Total cross sections for electron impact excitation of the $1S \rightarrow 2S$ transition in He-like ions 8-82843
- Tully, J.C.** *see* Leung, S.Y. 8-95644
- Tully, J.C.** *see* Shugard, M. 8-79707
- Tully, J.C.** *see* Tolk, N.H. 8-86804
- Tulunay, Y.** *Kabasakal see Kabasakal Tulunay, Y.*
- Tulyaganova, N.S.** *see* Khiznichenko, L.P. 8-51597
- Tulyakov, E.N., Rychkova, N.A.** Equipment for determining moisture content of gases 8-56936
- Tulyakov, G.A., Trunin, I.I., Sokolyanskii, B.M.** Investigating the characteristics of rupture strength and thermal fatigue of 12Cr1MoV steel 8-72857
- Tulyakov, V.V.** *see* Tulinov, V.F. 8-69575
- Tuma, D.T., Chen, C.L., Davies, D.K.** Erosion products from the cathode spot region of a copper vacuum arc 8-75447
- Tuma, W.** *see* Copperthwaite, R.G. 8-56029
- Tumaikin, G.M.** *see* Budker, G.I. 8-62667
- Tumanov, A.T.** *see* Barabanov, B.N. 8-51367
- Tumanov, V.S.** NMR spectra in the semi-mean interaction regime 8-80231
- Tumanskii, B.F., Sherstyuk, A.A., Stavitsyuk, G.L., Kudin, V.T.** Impact fatigue-test machine 8-56838
- Tumanyan, V.G.** *see* Il'icheva, I.A. 8-80827, 8-96000
- Tumilowicz, J.** *see* Lukasiewicz, S. 8-79239
- Tumof'skii, V.A.** *see* Yarytsyna, I.A. 8-74524
- Tums, E.** *see* Hovestadt, D. 8-85790
- Tung, C.J.** *see* Everett, G.E. 8-68219
- Tung, R.T., Graham, W.R.** Single atom self-diffusion on Ni (331) 8-67895
- Tung Lee Ki** *see* Ki Tung Lee
- Tung Nguyen-Dang, T.** *see* Bader, R.F.W. 8-65798
- Tung Nguyen-Dang, T.** *see* Srebrenik, S. 8-70002
- Tung Wu-Ki** *see* Wu-Ki Tung
- Tung-Pei Tzu** *see* Tzu Tung-Pei
- Tung-sheng Liu** *see* Liu Tung-sheng
- Tung-sheng Tu** *see* Tu Tung-sheng
- Tungate, G., Griffith, J.A.R., Karban, O., Basak, A.K.** Elastic scattering of 12.4 MeV tensor polarized deuterons 8-78357
- Tunguskova, Z.G.** *see* Lomakin, V.A. 8-67031
- Tunik, T.A.** *see* Sidorov, P.M. 8-87653
- Tunitskii, N.N.** *see* Prokof'ev, A.A. 8-90286
- Tunkin, V.G.** *see* Ivanova, Z.I. 8-71151
- Tunnell, L.N.** *see* Lin, C.D. 8-62912
- Tunnell, T.W., Bhalla, C.P.** Theoretical lifetimes and line fluorescence yields of $1s2p^2$ 4P levels 8-74612
- Tunney, R.J., Lorimer, G.W., Ridley, N.** Quantitative analysis of carbides formed during the tempering of tungsten and molybdenum steels 8-64571
- Tunstall, J.** *see* Davidson, J. 8-67407
- Tunstall, J.** *see* Wells, D.R. 8-71504
- Tunyak, V.N.** The weak principle of equivalence and gauge theory of the tetrad gravitational field 8-62135
- Tuohimaa, H.** A note concerning the possible equivalence of Einstein's and Lorentz's theories 8-49654
- Tuomi, T.** *see* Leppihalme, M. 8-64112
- Tuomi, T.** *see* Stephenson, J.D. 8-67620
- Tuominen, J.** On the one-year oscillation found by Chistyakov in the drift of sunspots 8-73693
- Tuong Viet Nguyen** *see* Nguyen Tuong Viet
- Tupenevich, P.A., Kononenko, V.K.** Photosensitivity of metal semiconductor structures of zinc telluride 8-76147
- Tupichenkov, A.A.** *see* Smirnov, R.E. 8-75206
- Tupper, B.O.J.** *see* Dunn, K.A. 8-57703
- Tur, A.V.** *see* Moiseev, S.S. 8-83373
- Tur, C.** *see* Clark, A.G. 8-89751, 8-89759
- Tur, T.J., Priest, E.R.** A trigger mechanism for the emerging flux model of solar flares 8-89162
- Turchetti, G.** Variational matrix Pade approximants in two body scattering 8-54247
- Turchetti, G.** *see* Bessis, D. 8-62427
- Turchetti, G.** *see* Giraud, B.G. 8-54216
- Turchi, P.** *see* Ford, R. 8-54904
- Turchi, P.J.** A technological review of stabilized imploding liner fusion systems 8-54979
- Turchi, P.J., Jenkins, D.J., Warnick, W.L., Ford, R.D., Lanham, R., Cooper, A.L., Burton, R.L.** Engineering design of the LINUS-O prototype liner implosion system 8-54902
- Turchi, P.J.** *see* Burton, R.L. 8-54903
- Turchi, P.J.** *see* Lupton, W.H. 8-54948
- Turchinovich, L.M.** *see* Bartenev, G.M. 8-88532
- Turck, B.** *see* Martinelli, A.P. 8-52151
- Turco, R.P.** *see* Whitten, R.C. 8-96275
- Turcotte, D.L., McAdoo, D.C., Caldwell, J.G.** An elastic-perfectly plastic analysis of the bending of the lithosphere at a trench 8-81135
- Turcotte, D.L., Oxburgh, E.R.** Intra-plate volcanism 8-65242
- Turcotte, D.L.** *see* McAdoo, D.C. 8-73341
- Turcotte, D.L.** *see* Oxburgh, E.R. 8-92813
- Turdaliev, K.T.** *see* Azimov, S.A. 8-78421
- Turdumadov, B.M., Fremd, V.M.** The reliability of seismographs working in a standby regime 8-61585
- Turecki, Zb.** *see* Zielinski, J. 8-64001
- Turegano, J.A.** *see* Klein, M.J. 8-93150
- Turek, K., Spurny, F., Krivakova, A.** To the use of solid state track detectors in neutron dosimetry. II. Verification of some possibilities 8-82574
- Turek, K.** *see* Galan, P. 8-57075
- Turek, K.** *see* Spurny, F. 8-66425
- Turek, P.** *see* Betigeri, M.G. 8-74372
- Turek, P.** *see* Budzanowski, A. 8-82363
- Turek, P.** *see* Oelert, W. 8-94013
- Turgenev, I.S.** *see* Dorfman, N.A. 8-65363
- Turhan, D.** A mechanical model for fiber-reinforced and particulate composites 8-51105
- Turi, L.** Determination of burnup of irradiated fuel specimens 8-82458
- Turi, Z.** Problems of developing up-to-date optomechanical instruments 8-50952
- Turian, R.M., Aung, W.** Convection and frictional heating in a cone and plate system 8-87238
- Turik, A.V., Chernobabov, A.I.** Orientational contribution to the dielectric, piezoelectric, and elastic properties of a ferroelectric ceramic 8-68468
- Turik, A.V., Shevchenko, N.B.** High-frequency dispersion of the permittivity of c-domain BaTiO₃ crystals 8-60379
- Turik, A.V.** *see* Chernobabov, A.I. 8-64307
- Turik, A.V.** *see* Dudkevich, V.P. 8-72478
- Turikov, V.G.** *see* Gutshabash, S.D. 8-81299
- Turin, V.N.** *see* Gornik, L.A. 8-71558
- Turitzin, N.M., Oliaro, G.E.** Poloidal field power supplies and their performance on the PDX machine 8-54956
- Turk, G.C., Travis, J.C., DeVoe, J.R., O'Haver, T.C.** Analytical flame spectrometry with laser enhanced ionization 8-92528
- Turk, M.** *see* Basrak, Z. 8-62546
- Turk, R.** *see* Meyrick, G. 8-73988
- Turkcan, E.** *see* Dragt, J.B. 8-94072
- Turkdogan, E.T.** Blast furnace reactions 8-85116
- Turke, B., Seger, G., Achatz, M., von Seelen, W.** Fourier optical approach to the extraction of morphological parameters from the diffraction pattern of biological cells 8-92749
- Turkenburg, W.C., Smeenk, R.G., Saris, F.W.** Investigations of surface relaxation and surface composition of Ni (110) by medium energy ion scattering spectroscopy 8-63916
- Turkevich, A.L.** *see* Dabrowski, A.J. 8-78049
- Turkevich, J.** *see* Tejuca, L.G. 8-76910
- Turkey, A.H.** *see* El Nagar, N.M. 8-91174
- Turkin, A.D., Sayapin, N.P., Turovskii, V.D., Luzanova, L.M.** Basic principles for the prevention of excessive irradiation of staff and population in nuclear power plant emergencies 8-50286
- Turkin, V.F.** *see* Mikhailichenko, A.A. 8-82545
- Turkina, N.I.** *see* Drits, M.E. 8-80515
- Turkov, S.K.** *see* Postnikov, V.S. 8-63804
- Turlay, R.** *see* Hansl, T. 8-74244, 8-89698, 8-89860
- Turlay, R.** *see* Holder, M. 8-55103
- Turley, S.G.** *see* Keskkula, H. 8-84993
- Turley, T.J.** *see* Wight, C.A. 8-76885
- Turmashev, E.** *see* Ayukhanov, A.Kh. 8-72654
- Turnbull, F.W.** *see* Eason, G. 8-77099
- Turnbull, R.J.** *see* Poulsen, P. 8-66378
- Turnbull, R.J.** *see* Woosley, J.P. 8-86682
- Turnbull, R.M.** *see* Armstrong, T.A. 8-89744
- Turndorf, H.** *see* Azar, I. 8-77132
- Turner, A.G.** *see* Adkins, R.R. 8-62727
- Turner, A.P.** *see* Fisher, E.S. 8-91655
- Turner, A.P.L.** Fatigue crack morphology in 304 stainless steel cycled at constant stress amplitude at elevated temperature 8-64671
- Turner, B.E.** *see* Liszt, H.S. 8-93378
- Turner, C.E.** *see* Garwood, S.J. 8-68809
- Turner, C.E.** *see* Keegstra, P.N.R. 8-67151
- Turner, C.E.** *see* Nikbin, K.M. 8-60826
- Turner, D.A.** An intuitive approach to receiver operating characteristic curve analysis [for diagnostic imaging techniques] 8-65144
- Turner, D.A., Battle, W.E., Deshmukh, H., Colandrea, M.A., Snyder, G.J., Fordham, E.W., Messer, J.V.** The predictive value of myocardial perfusion scintigraphy after stress in patients without previous myocardial infarction 8-73205
- Turner, D.A., Fordham, E.W., Ali, A., Rubin, P.D., Muerhrcke, R.C., Oppenheimer, B.E., Yasillo, N.J., Sukerka, A.N., Novetsky, G.J., Dalia, D.P., Hoffer, P.B.** Motion corrected hepatic scintigraphy: an objective clinical evaluation 8-65111
- Turner, D.G., Lyons, R.W., Bolton, C.T.** HD 118246—a new Be star at high galactic latitude 8-73721
- Turner, D.J.** Radiolytically formed chelating agents 8-64745
- Turner, D.L., Freeman, R.** The proton-coupled carbon-13 spectrum of cholesterol 8-78725
- Turner, D.T.** Glass transition elevation by polymer entanglements 8-83926
- Turner, D.W.** *see* Beamson, G. 8-50666, 8-62950
- Turner, E.H.** *see* Smith, P.W. 8-55457
- Turner, E.L.** *see* Bahcall, J.N. 8-57691
- Turner, G.** *see* Dickson, J.H. 8-81234
- Turner, G.N.** *see* Tomasovic, S.P. 8-80843
- Turner, J.D., Cameron, C.P., Roberson, N.R., Weller, H.R., Tilley, D.R.** Polarized proton capture on ⁵⁹Co 8-70533
- Turner, J.D.** *see* Junkins, J.L. 8-96380
- Turner, J.E.** *see* Arora, D. 8-62893
- Turner, J.E.** *see* Fair, M. 8-49581
- Turner, J.E.** *see* Inokuti, M. 8-58783
- Turner, J.G.** *see* Boyd, T.J.M. 8-63556
- Turner, J.G.** *see* Fogelman, I. 8-73204, 8-73208
- Turner, J.J.** *see* Burdett, J.K. 8-92492
- Turner, J.J.** *see* Davies, B. 8-90318
- Turner, J.J.** *see* Poliakov, M. 8-74651
- Turner, J.R.** A convergence proof for constrained finite element solutions 8-54168
- Turner, J.R.** The Boussinesq and Cerruti solutions for a transversely isotropic half-space 8-55568
- Turner, J.R.** A variational solution of the frictional unloading problem 8-59350
- Turner, J.S.** Double-diffusive intrusions into a density gradient 8-85569
- Turner, J.W., Malek-Mansour, M.** On the absorbing zero boundary problem in birth and death processes 8-95911
- Turner, L.** *see* Brooks, J. 8-50367
- Turner, L.** *see* Brooks, J.N. 8-66410
- Turner, L.** *see* Montgomery, D. 8-67351
- Turner, L.D.S.** *see* McKechnie, J.S. 8-93498
- Turner, L.E., Jr.** Diurnal motion of the Sun as seen from Mercury. [Teaching] 8-61969
- Turner, L.E., Jr.** Construction and use of an astronomy test item file 8-86054
- Turner, L.R.** Limits on the field of ohmic heating solenoids, applied to a tokamak TNS 8-54928
- Turner, L.R., Abdou, M.A.** Computational model for superconducting toroidal-field magnets for a tokamak reactor 8-50375
- Turner, L.R., Wang, S.-T., Kim, S.H., Huang, Y.C., Smith, R.P.** Superconducting magnet systems for the ANL EPR design 8-50372
- Turner, L.R.** *see* Wang, S.-T. 8-62634
- Turner, M.F.** *see* Philippot, J. 8-54884
- Turner, M.J.L.** *see* Bailey, T.A. 8-93108
- Turner, M.S.** Neutrinos: the ultimate astrophysical probe 8-77486
- Turner, M.S.** Gravitational radiation from supernova neutrino bursts 8-81642
- Turner, P.H., Cox, A.P.** Microwave spectrum, structure, dipole moment and centrifugal distortion of nitrosomethane. Dipole moment of acetaldehyde 8-66540
- Turner, R.B., Wolgemuth, G.A., Schulson, E.M.** Young's modulus and thermal expansion coefficient of ordered Zr₃Al 8-72805
- Turner, R.D., Inkson, J.C.** Local field effects in the static response of the elemental semiconductors 8-76010
- Turner, T.** *see* Moran, T.F. 8-64813
- Turner, T.W.** *see* Hardy, G.J. 8-85091
- Turnrose, B.** *see* Boksenberg, A. 8-96540
- Turnrose, B.** *see* Lane, A.L. 8-93133
- Turnrose, B.E.** *see* Boggess, A. 8-96383
- Turov, A.** *see* Barcz, A. 8-54164
- Turov, E.A.** *see* Finashkin, V.K. 8-60287
- Turov, E.A.** *see* Sokolov, O.B. 8-92178
- Turov, V.D.** *see* Sukhorukov, R.Yu. 8-72369
- Turoverov, K.K.** *see* Gusev, E.V. 8-90229
- Turovskii, B.M., Shenderovich, I.L., Shubskii, G.I.** Growing single crystals of Si by the Czochralski method with automatic diameter control 8-52658
- Turovskii, V.D.** *see* Turkin, A.D. 8-50286
- Turovskii, A., Appel, R., Sawodny, W., Molt, K.** Vibrational spectra of the cyclic SN-compounds S₃N₂, S₃N₄H₄ and S₃N₂Cl₂ 8-74659
- Turq, P.** *see* Magdelenat, H. 8-76875
- Turrell, G.** Solute-solvent interactions in liquids. III. Vibrational frequency shifts in polyatomic solutes 8-58654
- Turrell, G.** Solute-solvent interaction in liquids—moment analysis of infrared absorption bands 8-58766
- Turrell, S.** *see* Giguere, P.A. 8-70840
- Turrin, A.** Nonadiabatic population inversion by laser frequency switching 8-94381

- Turski, A.J.** Nonstationary signal transition in linearised plasmas 8-71493
- Turski, K.** Strength of steel notched rods in tension at high temperatures 8-80604
- Turski, L.A.** *see* Sjolander, A. 8-55796
- Turtle, A.J.** *see* Mills, B.Y. 8-96523
- Turutina, N.V.** *see* Il'in, V.G. 8-72528
- Turver, K.E., Weekes, T.C.** Gamma-ray astronomy from 10 to 100 GeV 8-73597
- Turvey, G.J.** A study of the behaviour of square plates at large deflections according to the theories of Foepl and Von Karman 8-63296
- Turvey, G.J.** Large deflection of circular plates with affine imperfections 8-75070
- Turyanitsa, I.D.** *see* Gerasimenko, V.S. 8-83053
- Turyanitsa, I.D.** *see* Khiminets, O.V. 8-88452
- Turyanitsa, I.D.** *see* Oleksyuk, I.D. 8-63158
- Turyanitsa, I.D.** *see* Slivka, V.Yu. 8-88315
- Turyanskii, A.G., Kiseleva, K.V.** Transition-layer model in specular reflection of X-rays from an interface between two media 8-83647
- Tur'yanskii, A.G.** *see* Kiseleva, K.V. 8-83652
- Tusima, K.** Studies of friction on single crystals of ice. I. Load, velocity and temperature effects on friction between steel ball and (0001) and (0110) of ice, and adhesion theory as a mechanism of friction 8-88537
- Tusima, K.** Studies of friction on single crystals of ice. II. Size effect of slider and temperature, velocity and load dependencies of interfacial shear strength and ploughing strength 8-88538
- Tusima, K.** Studies of friction on single crystals of ice. III. Anisotropies of coefficients of friction, track width and ploughing strength depending on crystallographic orientation 8-88539
- Tutakina, O.P.** *see* Kharchenko, N.F. 8-56456
- Tutakne, P.R.** *see* Chandara, B.P. 8-64420
- Tutan, M.Ya.** *see* Krauya, U.E. 8-68742
- Tuteur, F.B., McDonald, J.F.** Scattering function for multiple-bounce underwater acoustic channels 8-83162
- Tutova, E.G., Kuvshinov, G.A., Kuchko, T.V.** Vaporization of droplets in two-component flows 8-55677
- Tuts, P.M.** *see* Lee-Franzini, J. 8-70513
- Tutsch, R.** *see* Capparelli, A.L. 8-95919, 8-95920
- Tuttemann, G.** *see* Blauert, J. 8-75014
- Tuttle, T.R., Jr.** *see* Golden, S. 8-85284
- Tutto, I., Zawadowski, A.** Role of the two-roton bound state in neutron scattering on superfluid ⁴He 8-55993
- Tutu, N.K.** *see* Chevray, R. 8-94784
- Tutukov, A., Krugel, E.** Energy balance in the centre of our Galaxy 8-81684
- Tutyin, V.K.** *see* Zorev, N.N. 8-78454
- Tuurala, T., Katajanheimo, R., Heinonen, O.** Energies and intrinsic structures of the 43 s and 2.76 min states of ¹⁷⁰Ho 8-78321
- Tuurala, T.** *see* Liljaviirta, H. 8-82350
- Tuvdendorzh, D.** *see* Angelov, N. 8-89920
- Tuvdendorzh, D.** *see* Anoshin, A.I. 8-54805
- Tuzhilkin, Yu.I.** *see* Demkin, V.P. 8-94489
- Tuzi, L.A.** *see* Simendinger, E.A. 8-65107
- Tuzi, Y.** *see* Kikuta, S. 8-49948
- Tuznikov, A.F.** *see* Fedorchenko, I.M. 8-60845
- Tuzor, V.G.** *see* Baikov, O.G. 8-58007
- Tuzov, V.A.** *see* Petrov, A.V. 8-82544
- Tvagunov, G.V.** *see* Klimenkov, E.A. 8-94966
- Tvedt, B.** *see* Erriquez, O. 8-82195
- Tverdislov, V.A.** *see* Petrov, A.G. 8-92600
- Tverdislov, V.A.** *see* Tabak, M. 8-64930
- Tverdokhlebov, L.Ya.** *see* Yurakov, Yu.A. 8-95238
- Tvergaard, V.** On the burst strength and necking behaviour of rotating disks 8-79226
- Tverskaya, L.V.** *see* Kovrygina, L.M. 8-69617
- Tverskoi, V.A.** *see* Mostovoi, R.M. 8-76061
- Tverskoi, V.S., Kotosonov, A.S., Sidorov, N.I.** Coupling RE-1301 EPR radiospectrometer with 'Diapazon' temperature variator 8-58003
- Tver'yanovich, E.V.** *see* Lidorenko, N.S. 8-83065
- Tvrđy, M., Suchanek, V., Hyspecka, L., Mazanec, K.** Effect of metallurgy on stress corrosion cracking and hydrogen embrittlement of ultra/high strength steels 8-60885
- Tward, E., Mason, P.V.** Potential scientific uses of cryogenics in space in the temperature range from 1 mK to 10K 8-93712
- Twareque Ali, S., Prugovecki, E.** Quantum statistical mechanics on stochastic phase space 8-77796
- Tweedle, M.F., Wilson, L.J.** Faraday magnetic balance capable of high resolution measurements on metalloprotein solutions from 6.5 to 300K 8-70170
- Twerdochlib, M., Kirk, W.P.** Search for exponentially damped surface solutions to the Boltzmann transport equation for He II 8-67878
- Twerdochlib, M.** *see* Kirk, W.P. 8-74010
- Twiddy, N.D.** *see* Glosik, J. 8-92443
- Twin, P.J.** *see* Kogan, A. 8-50120
- Twin, P.J.** *see* Lornie, P.R.G. 8-62483
- Twin, P.J.** *see* Price, H.G. 8-50186
- Twin, P.J.** *see* Simister, D.N. 8-70424
- Twiss, R.J., Sellars, C.M.** Limits of applicability of the recrystallized grain size geopiezometer 8-85715
- Twitty, J.T.** *see* Deepak, A. 8-77321
- Twofiq, F.** *see* Beille, J. 8-91919
- Twu, C.H., Gubbins, K.E.** Thermodynamics of polyatomic fluid mixtures. II. Polar, quadrupolar and octupolar molecules 8-95127
- Twu, C.H.** *see* Gray, C.G. 8-79510
- Twu, C.-H.** *see* Calado, J.C.G. 8-64876
- Tyagai, V.A., Evstigneev, A.M., Krasiko, A.N., Andreeva, A.F., Malakhov, V.Ya.** Optical properties of indium nitride films 8-72625
- Tyagai, V.A., Snitko, O.V., Evstigneev, A.M., Krasiko, A.N.** Surface phenomena in the polarization-dependent electroreflectance spectra of Si 8-68479
- Tyagai, V.A.** *see* Sachenko, A.V. 8-80410
- Tyagi, G.S., Sharma, S.C., Verma, J.S.** Doubly excited slab-shaped magneto-plasma with the help of the lines of magnetic currents 8-55717
- Tyagi, R.C.** *see* Gupta, C.L. 8-64315
- Tyagi, S.** *see* Srivastava, T.S. 8-53321
- Tyagi, S.D.** *see* Dean Barnett, J. 8-54418
- Tyagi, T.R., Singh, L., Devi, M., Barbara, A.K.** Total electron content measurements at Gaurhati using 140 MHz ATS-6 transmissions 8-69598
- Tyagi, T.R.** *see* Garg, S.C. 8-69592
- Tyagi, T.R.** *see* Singh, L. 8-69599
- Tyan, L.S.** *see* Stebakov, V.M. 8-57938
- Tyankin, Yu.D., Travina, N.T., Evtushenko, T.V.** Laws governing the formation of a quasi-periodic distribution of precipitation during the ageing of Fe-Be alloys 8-56642
- Tyankin, Yu.D.** *see* Kondrat'ev, V.V. 8-64541, 8-68688
- Tyapkin, I.A.** *see* Zanevsky, Yu.V. 8-77174
- Tyapkin, Yu.D.** *see* Lyasotskii, I.V. 8-83778, 8-88462
- Tyapunina, N.A., Gasparyan, S.V., Zinenkova, G.M., Naimi, E.K.** The orientation dependence of dislocation internal friction in real crystals. II. Hexagonal crystals 8-52882
- Tyapunina, N.A.** *see* Kolomiitsev, A.I. 8-95057
- Tyavlovskii, M.D.** *see* Khmyl', A.A. 8-56843
- Tyc, T.** *see* Balcerak, K. 8-76048
- Tychina, I.I.** *see* Gorban', I.S. 8-72490, 8-84217
- Tychina, I.I.** *see* Grischenko, G.A. 8-71729
- Tychina, I.I.** *see* Grischenko, G.A. 8-68053, 8-84258
- Tychinskii, A.V.** *see* Danilov, V.V. 8-76236
- Tye, S.-H.H.** *see* Bardeen, W.A. 8-70319
- Tye, S.-H.H.** *see* Ng, Y.J. 8-70338
- Tye, S.-H.H.** *see* Shizuya, K. 8-89662
- Tyers, G.F.O.** *see* Brownlee, R.R. 8-57123, 8-77152
- Tykodi, R.J.** Quasi-Carnot cycles, negative Kelvin temperatures, and the laws of thermodynamics 8-54111
- Tylenda, R.** Photoionization models of the envelope of Nova Delphini 1967 in the nebular stage. I. Observational data 8-61864
- Tyler, A.L., Salt, D.L.** Periodic discontinuities in the acceleration of spheres in free flight 8-79365
- Tyler, B., Gongaware, W., Houlihan, T.** Development of a shipboard pollution monitoring system 8-53662
- Tyler, C.W.** Spatial limitations of human stereoscopic vision 8-80880
- Tyler, G.A.** Image coding with far-field holograms 8-90389
- Tyler, J.** Kelvin *see* Kelvin Tyler, J.
- Tyler, R.S.** *see* Small, A.M. 8-57021
- Tyler, S.K., Goodhew, P.J.** The growth of helium bubbles in niobium and Nb-1% Zr 8-67749
- Tyler, S.K.** *see* Aitken, D. 8-57919
- Tyler, S.K.** *see* Goodhew, P.J. 8-51529
- Tymchuk, Kh.K.** *see* Kuksenko, V.I. 8-81321
- Tymieniecka, T.** *see* Nowak, R.J. 8-78213
- Tymyanskii, Ya.R.** *see* Knyazhanskii, M.I. 8-53230
- Tynan, P.** *see* Sekular, R. 8-56975
- Typke, V.** Calculations on the r_2 -structure of dimethylsulfoxide 8-70770
- Typke, V.** Mass dependent bond lengths in the determination of the R_2 -structure 8-94230
- Tyrkiel, E.** Equilibrium compositions and thermodynamic properties of an Ar+H₂+N₂ plasma 8-71433
- Tyrrell, J.** *see* Bartolotti, L.J. 8-74595, 8-74596
- Tyrrell, M.W.** *see* Brown, R.M. 8-82231
- Tys, J.** *see* Parus, J.L. 8-92575
- Tyson, B.J., Arvesen, J.C., O'Hara, D.** Interhemispheric gradients of CF₂Cl₂, CFCl₃, CCl₄, and N₂O 8-81289
- Tyson, B.J., Vedder, J.F., Arvesen, J.C., Brewer, R.B.** Stratospheric measurements of CF₂Cl₂ and N₂O 8-81281
- Tyson, J.A.** *see* Gorenstein, M.V. 8-61735
- Tyson, J.A.** *see* Saslaw, W.C. 8-57630
- Tyson, W.R.** Atomistic simulation of the ductile/brittle transition 8-60801
- Tyson, W.R.** Surface analysis in physical metallurgy: progress in temper embrittlement control 8-72797
- Tyson, W.R.** Kinetics of temper embrittlement 8-84953
- Tyu, N.S.** *see* Ovander, L.N. 8-76471
- Tyukin, V.N.** *see* Nikolayev, P.V. 8-57458
- Tyumentsev, A.N.** *see* Korotaev, A.D. 8-84836
- Tyunina, E.L.** *see* Ainbinder, S.B. 8-64716, 8-67155
- Tyunis, A.V.** *see* Grushko, Yu.S. 8-71699
- Tyupa, V.I.** *see* Aleksin, V.F. 8-51339
- Tyupalo, N.F., Yakobi, V.A., Bernashevskii, N.V., Denischenko, V.S.** Determination of manganese and chromium of various valences during catalytic oxidation of chromium(III) with ozone. (Exchange of experience) 8-61105
- Tyurev, E.P.** *see* Il'yasov, S.G. 8-58004, 8-62215, 8-65985
- Tyurev, M.A.** *see* Dubinin, M.M. 8-61114
- Tyurin, E.L.** *see* Sokolovskii, R.I. 8-79439
- Tyurin, V.A.** *see* Novikov, K.N. 8-80872
- Tyurin, Yu.I., Styrov, V.V.** Nonequilibrium electron effects on surfaces of semiconductor crystals subjected to chemical excitation. I 8-72238
- Tyurin, Yu.I.** *see* Styrov, V.V. 8-72239
- Tyurmina, L.O.** *see* Pil', G.I. 8-73308
- Tyuryukanov, P.M., Fetisov, I.K., Khodachenko, G.V.** Discharge striking in axially symmetrical electric and magnetic fields 8-75472
- Tyuryukanov, P.M., Fetisov, Y.K., Khodachenko, G.V.** On the theory of discharge striking in highly inhomogeneous axially symmetrical magnetic field 8-75473
- Tyuterev, V.G.** *see* Poplavnoi, A.S. 8-76451
- Tyutin, I.V.** *see* Kallosh, R.E. 8-62142
- Tyutin, V.A.** *see* Gurevich, G.M. 8-78348
- Tyutneva, G.K.** *see* Mukhamedgalieva, A.F. 8-76560
- Tyutyayev, V.V.** *see* Alekseev, G.V. 8-94854
- Tyutyayev, V.V.** *see* Nevstruyeva, Ye.I. 8-55694
- Tz-Hong Lin** *see* Winstead, M.B. 8-80965
- Tzafestas, S.** Distributed-parameter nuclear reactor optimal control 8-54858
- Tzara, C.** *see* Argan, P. 8-82333
- Tze Hsiung Chia** *see* Hsiung Chia Tze
- Tze-Ping Lee** *see* Lee Tze-Ping
- Tzeitlin, V.** *see* Ogievetsky, V. 8-70248
- Tzias, P.** *see* Jakli, G. 8-59939
- Tzias, P.** *see* Treiner, C. 8-64871
- Tzimopoulos, C.** Finite elements solution of unsaturated porous media flow 8-92869
- Tzoar, N.** *see* Jain, M. 8-94225, 8-94408
- Tzoar, N.** *see* Janow, R. 8-79892
- Tzou Chy-Pwu** *see* Chy-Pwu Tzou
- Tzow-Chi Lu** *see* Lu Tzow-Chi
- Tzu Chiang Wang** *see* Wang Tzu Chiang
- Tzu Hsi-Chuen** *see* Yu You-Wen 8-82271
- Tzu Tung-Pei** Non-singular vector potential of a magnetic monopole in the direction of meridian 8-77768
- Tzu-ching Wang** *see* Wang Tzu-ching
- Tzuen-Shi Chang, Trucano, P.** Lattice parameter and thermal expansion of ReO₃ between 291 and 464K 8-75617
- Unamori, J.** Introduction to physics of solid surface 8-79870
- Uang Yea-Hwang** *see* Yea-Hwang Uang
- Ubelis, A.P.** Gas-phase flash photolytic investigation of Se and Te atom de-excitation 8-50626
- Uberall, H.** *see* Dickey, J.W. 8-50967
- Uberall, H.** *see* Farhan, A.R. 8-89777
- Uberall, H.** *see* Flax, L. 8-55495
- Uberall, H.** *see* Gaunard, G.C. 8-79150
- Uberall, H.** *see* Haug, A.J. 8-87290
- Uberall, H.** *see* Murphy, J.D. 8-83138
- Uberall, H.** *see* Nagl, A. 8-50213, 8-55497
- Uberoi, M.S.** *see* Chuen-Yen Chow 8-79381
- Ubogii, V.P.** *see* Gordienko, V.I. 8-85729
- Ubovic, Z.** *see* Djukic, Z. 8-57082
- Ucar, I.** *see* Kakac, S. 8-94809
- Uchaikin, V.V., Plyasheshnikov, A.V., Lagutin, A.A., Vetoshkin, V.V.** Numerical method of calculating path fluctuations of charged particles in an electromagnetic cascade in an infinite medium 8-65471
- Uchatkin, V.V., Topchii, V.A.** Stable law with index $\alpha=1$ in the problem of fluctuations of ionization loss of charged particles 8-62682
- Uchida, H., Matsui, H.** Desolvation system with ultrasonic nebulizer for plasma jet emission spectroscopy 8-68960
- Uchida, H., Matsui, H.** Sample introduction in inductively coupled plasma emission spectroscopy 8-82045

- Uchida, H. see Ohji, K. 8-52954
 Uchida, K. see Muto, K. 8-58328
 Uchida, K. see Nasu, S. 8-50253, 8-51577
 Uchida, K. see Nosu, S. 8-51594
 Uchida, N. see Kashima, N. 8-55437
 Uchida, N. see Naruse, T. 8-66936
 Uchida, N. see Noda, J. 8-74965
 Uchida, S., Kikuchi, M., Asakura, Y., Yusa, H., Ohsumi, K. A calculation model for predicting concentrations of radioactive corrosion products in the primary coolant of boiling water reactors 8-74445
 Uchida, S., Tanabe, K., Tanaka, S. Nonlinear conduction in two-dimensional CDW system: $1T-TaS_2$ 8-91685
 Uchida, S., Tanaka, S. Optical phonon modes and localized effective charges of transition-metal dichalcogenides 8-76453
 Uchida, S., Utamura, M., Yusa, H., Maki, H. Application of the warm water injection method to improve the efficiency of in-core wet sipping for leak detection 8-78450
 Uchida, S. see Asakura, Y. 8-58353
 Uchida, T., Ishikawa, K., Wada, M. Liquid crystal orientation controlled by organic surfactants 8-91251
 Uchida, T. see Ishii, Y. 8-79527
 Uchida, T. see Mori, M. 8-86680
 Uchida, T. see Wakihara, M. 8-52784
 Uchida, T. see Yamazaki, K. 8-94922
 Uchida, Y., Fujimoto, F., Katerbau, K.-H., Wilkens, M. Diffraction patterns in an axial direction and structure of the dispersion surfaces in cross-grating orientation 8-83660
 Uchida, Y., Hattori, S. Atomic forward resonance scattering spectroscopy (AFSS) using the magneto-optical effect 8-76956
 Uchikawa, Y. see Mollenstedt, G. 8-89591
 Uchino, K., Nomura, S. Crystallographic and dielectric properties of $Pb(Mg_{1/2}W_{1/2}O_3-BiFeO_3)$ solid solutions 8-84534
 Uchino, K. see Abe, M. 8-60360
 Uchino, O. see Maeda, M. 8-74922, 8-90459
 Uchinokura, K. see Inushima, T. 8-56440, 8-60405
 Uchishiba, H. see Obokata, T. 8-64243
 Uchitomi, S., Kato, K. Measurement and control of temperature pattern in an air-conditioned room 8-86245
 Uchiyama, F. A conjecture on 180° production of high energy hydrogen isotopes from nuclei 8-66275
 Uchiyama, F., Yamamura, K., Yokoshima, I. Precision RF voltage standard using a thermistor bridge covering HF to UHF 8-89504
 Uchiyama, I. see Sumita, M. 8-80647
 Uchiyama, S. see Iwata, S. 8-88150
 Uchiyama, S. see Ohsawa, J. 8-63865, 8-87886
 Uchiyama, S. see Tsunashima, S. 8-95490
 Uchiyama, T. see Dobashi, Y. 8-63323
 Uchiyama, T. see Kuroda, T. 8-66156
 Uchiyama, Y., Kawamura, K. New technique applied to the ring method for determining surface tension of molten salts 8-54521
 Uchiyama, Y. see Koga, H. 8-85037
 Uchiyama, Y. see Tanaka, H. 8-86652
 Ucisik, A.H. The influence of intercritical heat treatment on the temper embrittlement susceptibility of an Sb doped Ni-Cr steel 8-64570
 Ucisik, A.H., McMahon, C.J., Jr., Feng, H.C. The influence of intercritical heat treatment on the temper embrittlement susceptibility of a P-doped Ni-Cr steel 8-52863
 Uckan, N.A., Bettis, E.S., Hedrick, C.L., Santoro, R.T., Watts, H.L., Yeh, H.T. Physics and engineering aspects of the EBT reactor 8-54981
 Uckan, N.A., Callen, J.D., Tsang, K.T., Moore, J.R. Toroidal field ripple effects in TNS design 8-54892
 Uckan, N.A. see Dandl, R.A. 8-58429
 Uckan, N.A. see Peng, Y.-K.M. 8-58419, 8-66422
 Uckan, N.A. see Woo, J.T. 8-54994
 Uckan, T. Small radius start-up for a TNS plasma 8-50360
 Udagawa, M., Kohn, K., Nakamura, T. Brillouin scattering study on lithium ammonium tartrate monohydrate in paraelectric phase 8-64373
 Udagawa, T. Direct reactions by heavy-ions 8-50190
 Udagawa, T. see Tamura, T. 8-94007
 Udawat, J.P. see Shah, V. 8-73196
 Udd, E. see Zimmerman, M. 8-59530
 Udel'nov, A.L., Struchkov, Yu.T. Allowance for X-ray absorption in the diffractometry of single crystals. III. SHAPE and GAUSAB program results 8-67622
 Udelson, B.J. see Berg, N.J. 8-71248, 8-79124
 Udelson, B.J. see Lee, J.N. 8-66990
 Udloff, R. see Pinkel, D. 8-73191
 Udod, V.A. see Bochagov, B.A. 8-94041
 Udodov, V.N. see Usharov, A.V. 8-52760
 Udoguchi, T., Asada, Y., Mitsuhashi, S., Izushi, M. Accumulation of longitudinal strain under cyclic torsion 8-64615
 Udoguchi, T. see Nozue, Y. 8-60733
 Udovenko, V.A. see Vintaikin, E.Z. 8-60705, 8-84797
 Udovenko, V.F. see Agashkova, N.N. 8-95850
 Udovichenko, Yu.K. see Iremashvili, D.V. 8-66735, 8-78874
 Udovitskii, V.I. see Markin, V.F. 8-72936
 Udris, A.I. see Karaziya, R.I. 8-86785
 Uebags, M. see Dahl, V. 8-60786
 Ueberreiter, K. see Karl, V.-H. 8-75852
 Ueda, A. see Ichimura, T. 8-75516
 Ueda, A. see Inagaki, T. 8-63006
 Ueda, H. see Mizushima, T. 8-90904
 Ueda, I., Nishida, M., Ouchi, H., Hayakawa, S. Piezoceramics for high-frequency use 8-95555
 Ueda, I. see Kamaya, H. 8-76985
 Ueda, I. see Tominaga, S. 8-90047
 Ueda, K. Magnetic excitations in an itinerant antiferromagnet 8-56305
 Ueda, K. see Ito, K.-I. 8-65101
 Ueda, K. see Yamazaki, Y. 8-50644, 8-82842
 Ueda, M., Kaida, K. A prism correlator and its application to stereo photogrammetry 8-86368
 Ueda, M. see Igarashi, Y. 8-87021
 Ueda, N. see Kimura, H. 8-79468
 Ueda, N. see Nagami, M. 8-79411
 Ueda, N. see Ohtsuka, H. 8-91156
 Ueda, R. see Yoshikawa, M. 8-50809
 Ueda, S., Shimizu, T. Nuclear magnetic resonance of ^{77}Se in amorphous $\text{Cu}_x(\text{As}_{0.4}\text{Se}_{0.6})_{1-x}$ 8-76329
 Ueda, S. see Kato, K. 8-88581
 Ueda, T. The pp^3F_3 resonance 8-66142
 Ueda, T. Real time moire topography equipment controlled by microcomputer 8-89441
 Ueda, T., Green, A.E.S. Relativistic N-N one-boson-exchange potentials with asymptotic power-law energy dependence 8-82293
 Ueda, T., Nakamura, R., Suzuki, Y. Comparison of influences of sediments and sea water on accumulation of radionuclides by marine organisms 8-80981
 Ueda, T., Riewe, F.E., Green, A.E.S. N-N one-boson-exchange potentials based on generalized meson field theory 8-70459
 Ueda, T., Sawada, T., Takagi, S. Three-nucleon potentials due to π , Σ and ω and nuclear matter 8-62486
 Ueda, T., Suzuki, S. Behaviour of liquid films and flooding in counter-current two-phase flow. II. Flow in annuli and rod bundles 8-59452
 Ueda, T., Tanaka, H., Koizumi, Y. Dryout of liquid film in high quality R-113 upflow in a heated tube 8-90989
 Ueda, T. see Green, A.E.S. 8-66096
 Ueda, T. see Morioka, S. 8-70390, 8-93900
 Ueda, T. see Nakamura, R. 8-53534
 Ueda, Y., Ikeda, K., Yao, T., Aoki, M., Yoshie, T., Shirakura, T. Brittle fracture initiation characteristics under bi-axial loading 8-60803
 Ueda, Y., Kunimitsu, S. Hot hardness of particle dispersion-strengthened $\text{Pb-Al}_2\text{O}_3$ composites made by a mechanical alloying process 8-84830
 Ueda, Y., Niinomi, M. On the alloy layers formed by the reaction between ferrous alloys and molten aluminium 8-72926
 Ueda, Y., Ohtani, T., Kosuge, K., Kachi, S., Shimada, M., Koizumi, M. Preparation and some physical properties of $\text{V}_2\text{O}_3-x\text{F}_x$ ($0 \leq x < 0.3$) 8-76619
 Ueda, Y., Sano, M., Niinomi, M. Dissolution of ferrous alloys into molten aluminium 8-71858
 Ueda, Y., Sasao, H., Yoshiyasu, H., Okuda, S., Miyamoto, T. Plasma-diagnostic techniques for the study of power-interrupting phenomena 8-55768
 Ueda, Y., Takiyama, K., Nishi, M., Kazumata, Y. ESR study of neutron-irradiated LiCl crystals 8-76309
 Ueda, Y. see Ashida, M. 8-67924
 Uefuji, T. Small vacancy clusters in pure gold and dilute alloys after quenching 8-76671
 Uegaki, E., Abe, Y., Okabe, S., Tanaka, H. On the positive-parity states with anomalous α -decay properties in ^{12}C 8-62511
 Uegaki, J. see Tsubota, H. 8-78344
 Ueguri, S. see Fujita, H. 8-59692
 Ueha, S., Taneichi, M., Tsujiuchi, J. Image reconstruction of moving acoustic sound sources by temporal reference holography 8-79171
 Uehara, A. see Kokawa, H. 8-76680
 Uehara, H., Hakuta, K. Laser magnetic resonance spectra of ClO_2 tuned by the avoidance of Zeeman level crossing 8-94263
 Uehara, K. see Gomay, Y. 8-59690
 Uehara, K. see Matsumoto, G. 8-61158
 Uehara, M. Spectrum and production mechanism of baryoniums 8-74295
 Uehara, M. Time-dependent magnetization in a $\text{SmCo}_5\text{Cu}_{1.5}$ single crystal 8-80176
 Uehara, M. see Barbara, A. 8-84454
 Uehara, M. see Gomide, F.M. 8-86045
 Uehara, S. see Kimura, H. 8-80571
 Uehara, S. see Kimura, T. 8-83075
 Uehara, S. see Kubota, K. 8-50926
 Uehara, S. see Minakata, M. 8-66952
 Uehori, T., Hosaka, A., Tokoaka, Y., Izumi, T., Imaoka, Y. Magnetic properties of iron-cobalt alloy particles for magnetic recording media 8-95479
 Ueki, A. see Minemura, K. 8-55450
 Ueki, T. see Wakabayashi, K. 8-51395
 Uelhoff, W. see Wenzl, H. 8-64461
 Uematsu, K., Ohkuma, N., Mizutani, N., Kato, M. Adsorption of water vapor on ZnO : Effects of annealing and grinding 8-68656
 Uematsu, T. see Kobayashi, D. 8-88860
 Uematsu, T. see Kodaira, J. 8-93857
 Uematsu, T. see Ozeki, T. 8-71214
 Uematsu, Y. see Fukuda, T. 8-74954
 Uemoto, T. see Yoshino, K. 8-68467
 Uemura, M., Byon, O.I. Secondary buckling of a flat plate under uniaxial compression. I. Theoretical analysis of simply supported flat plate 8-55579
 Uemura, O., Satow, T., Yagihashi, T. The magnetic susceptibilities of liquid Na-Tl, Na-Cd, Cu-Ga and Cu-Ge systems 8-72326
 Uemura, O. see Satow, T. 8-79519
 Uemura, T. see Iijima, T. 8-91460
 Uemura, T. see Nishiyama, Y. 8-52858
 Uemura, Y. see Fujii, S. 8-80271
 Uemura, Y. see Hayashi, H. 8-52953
 Uemura, Y. see Tanaka, K. 8-72281
 Uemura, Y.J., Kuno, H., Koyama, H., Yamazaki, T., Kienle, P. A new way of determining concentrations in PIXE trace element analysis 8-76966
 Uemura, Y.J. see Hayano, R.S. 8-80268
 Ueng, C.E.S., Nickels, R.C., Jr. Dynamic response of a structural panel by Bolotin's method 8-75091
 Ueno, H., Otsuka, S., Kishimoto, A. Studies on bulk diffusion and local diffusion of polystyrene in melt 8-95170
 Ueno, I. see Salge, J. 8-63601
 Ueno, K., Nakanishi, H., Hasegawa, M., Sasada, Y. p-phenylenediacrylic acid dimethyl ester (p-PDAME), a photopolymerisable crystal 8-63747
 Ueno, K., Yamamura, M. Nonlinear oscillations of liquid column. I 8-90922
 Ueno, K. see Hoshi, M. 8-80728, 8-92495
 Ueno, K. see Nakanishi, H. 8-63748
 Ueno, K. see Vidal, R. 8-89877
 Ueno, K. see Yoh, J.K. 8-82344
 Ueno, M., Nakanishi, H., Irie, T. Optical absorption of Co-doped $\text{Cd In}_2\text{S}_4$ 8-64384
 Ueno, T. see Koseki, H. 8-63951
 Ueno, T. see Tani, C. 8-87611
 Ueno, Y., Yasugi, T. Optical fiber communication systems using pulse-interval modulation 8-50917
 Ueno, Y. see Oguchi, T. 8-56318
 Ueno, Y. see Saigusa, T. 8-73178
 Uenosono Chikasa see Chikasa Uenosono
 Uesaka, H. On the construction of a principal fundamental solution of $\Sigma(\partial/\partial x_k + (-1)^{1/2}b_k(x))^2 - q(x) + \lambda$, for $k+1$ to 3, by the integral equation approach 8-81806
 Uesu, Y., Hosokawa, T., Kobayashi, J. Optical study on phase transitions of KH_2PO_4 family crystals 8-76430
 Uesu, Y. see Kobayashi, J. 8-52466, 8-76426
 Ueta, M. see Nagasawa, N. 8-84566
 Ueta, M. see Nozue, Y. 8-52486
 Ueyoshi, K. see Kuriyan, J.G. 8-88918
 Uga, T. An experimental study of progressive strain growth due to thermal-stress ratcheting 8-92354
 Ugai, S., Kato, K., Nishijima, M., Kan, T., Tazaki, K. Fine structure of rainfall 8-53680
 Ugai, S., Shimada, K. Atmospheric attenuation of solar radiation in the 50 GHz band 8-73494
 Ugai, Ya.A. see Domashevskaya, E.P. 8-92176
 Ugai, Ya.A. see Yurakov, Yu.A. 8-95238
 Ugajin, M., Shiba, K. Thermodynamic assessment of the HTGR fuel system Th-U-C-O 8-70598
 Ugaz, E. Bremsstrahlung model and the recoil mass multiplicity distribution in $pp \rightarrow pX$ 8-70418
 Ugaz, E. Diffractive and nondiffractive mechanisms and the universality of multiplicity distributions 8-70419
 Uglov, A.A., Galiev, A.L. Action of laser beam on moving targets in atmosphere of gases at high pressures 8-94925
 Uglov, A.A. see Orekhov, M.V. 8-94926
 Uglov, A.A. see Rykalin, N.N. 8-51322, 8-59632
 Ugniewski, S. Abel inversion by means of orthogonal polynomials 8-67436
 Ugniewski, S. Reduction of data from line, differential and surface probes in axially symmetric experiments 8-89464
 Ugrin, S.Y. The spectroscopic investigation of the excitation of the $3p^2$ -subshell of calcium atoms by electronic shock 8-90117
 Ugrin, S.Yu. see Aleksakhin, I.S. 8-82682, 8-82846

- Ugumori, T. Change in exciton absorption with laser light in GaSe 8-92088
- Ugurbil, K. see Brown, T.R. 8-77022
- Uher, C., Opsal, J.L. Superconductivity in lightly doped crystalline bismuth 8-64160
- Uher, C., Pratt, W.P., Jr. Thermopower measurements on bismuth from 9K down to 40 mK 8-91673
- Uher, C., Schroeder, P.A. Transport properties of palladium from 40 mK to 6K 8-51968
- Uhlenbusch, J. see Grosse-Wilde, H. 8-75234
- Uhlenbusch, J. see Hackmann, J. 8-59658, 8-94135
- Uhlmann, D.R. see Onorato, P.I.K. 8-81167
- Uhm, H., Davidson, R.C. Influence of finite ion Larmor radius and equilibrium self electric fields on the ion resonance instability 8-83556
- Uhm, H. see Goren, Y. 8-75285
- Uhm Hwan-sup see Hwan-sup Uhm
- Uhrhammer, R. see Bolt, B.A. 8-65187
- Uhrig, R.A., Jr. see Sanderson, J.J. 8-75209
- Uhrmacher, M. see Brandolini, F. 8-68420
- Uhrmacher, M. see Hellmeister, H.P. 8-78311
- Uihlein, Ch. see Kalm, M. 8-67946
- Uimin, G.V., Shur, L.N. Oriented phase transitions in an adsorbed monolayer 8-75936
- Uimin, G.V. see Pokrovsky, V.L. 8-85936
- Uiterkamp, A.J.M.S. see Armitage, I.M. 8-68999
- Uitert, L.G. van see van Uitert, L.G.
- Uitert, L.G. van see Van Uitert, L.G.
- Uitterhoeve, P.J. see Theuvs, P.G.A. 8-67439
- Uitzinger, J. see Bron, J. 8-54719
- Ujhelyi, Cs. see Kover, L. 8-95653
- Ujihira, Y., Ryo, T., Kobayashi, Y., Nomizu, T. Dependence of ortho-positronium pick-off annihilation lifetime on free volume in organic molecular liquids calculated by Kincaid Eyring method and positronium bubble formation 8-56541
- Ujiie, N. see Sadahiro, T. 8-92406
- Ujma, Z., Handerek, J. Electric properties of PbZrO₃ monocystals 8-60402
- Ujma, Z. see Handerek, J. 8-56437
- Ukai, K. see Toshioka, K. 8-93885
- Ukawa, A. see Konishi, K. 8-89680
- Ukhlinov, G.A., Bychkovskii, R.V., Kolesnik, E.A. System for automatic recording of change in mass 8-57901
- Ukhlinov, G.A., Garanin, V.P. On the nature of charge carrier scattering at a Bi film surface 8-80079
- Ukhov, B.V., Klochkova, V.G., Krasnikov, D.N., Benza, S.M. The effect of the lag of a radiation detector on the basic parameters of a thermal imaging system 8-89544
- Uko, D.K. see Sizto, G. 8-80610
- Ukolov, A.T. see Mazanikov, A.A. 8-83148
- Ukrainskii, Yu.M. see Golik, L.L. 8-76175
- Ukrainets, E.N. see Gelmont, B.L. 8-63994
- Ukshe, E.A., Bukun, N.G., Dermanchuk, E.P. Degree of disorder of anion lattice of α -AgI electrolyte 8-59975
- Ulaby, F.T. see Attema, E.P.W. 8-57274
- Ulaby, F.T. see Rao, R.G.S. 8-65439
- Ulanov, V.A. Attachment for measuring Brinell hardness at elevated temperatures (exchange of experience) 8-56842
- Ulas, S.K. see Allen, S.J., Jr. 8-72512
- Ulbracht, V. see Beagley, B. 8-54482
- Ulbrecht, J. see Acharya, A. 8-75184
- Ulbrecht, J. see Shintre, S.N. 8-63458
- Ulbrecht, J.J. see Acharya, A. 8-67248
- Ulrich, C.W. A method for measuring precipitation parameters using radar reflectivity and optical extinction 8-53729
- Ulrich, C.W. Doppler radar relationships for hail at vertical incidence 8-65368
- Ulrich, C.W., Atlas, D. The rain parameter diagram: methods and applications 8-57349
- Ulrich, C.W. see Atlas, D. 8-65414
- Ulrich, R.G. see Fehrenbach, G.W. 8-79046
- Ulrich, R.G. see Weisbuch, C. 8-60481
- Ulricht, R. see Djordjevic, D. 8-67430
- Ulricht, V. see Balke, H. 8-60715
- Ulehla, I., Nguyen, N.T. Ground state properties of ^4He , ^8Be , ^{12}C and ^{16}O nuclei in a new version of the Brueckner-Bethe-Goldstone method 8-50076
- Ulehla, M., Davis, H.L. Some effects of anisotropic vibrations in LEED 8-71650
- Uliana, E.A. see Walsh, E.J. 8-81172
- Uliasz, T. see Zdanowicz, W. 8-68336
- Ulich, B.L. Evaluation of intensity calibration errors of millimeter-wave spectrometers 8-53821
- Ulitin, Yu.M. see Sukhorukov, V.V. 8-60937
- Ullah, N. Skyrme, Peierls-Yoccoz, and statistical approximations for the inertia parameter 8-50073
- Uller, Kh.My. see Apel', V.D. 8-78223
- Ullman, F.G. see Kim, G. 8-80360
- Ullman, J.D. Search for failure of rotational invariance in first- and second-forbidden beta decays 8-66252
- Ullmann, D. On the early history of acoustics: A Kircher's 'Phonurgia nova' 8-81788
- Ullmann, J.L. see Fitzgerald, D.H. 8-62424
- Ullmann, J.L. see Romero, J.L. 8-50148
- Ullo, J.J. see Green, L. 8-74417
- Ulrich, D. see Seifert, B. 8-81468
- Ulrich, H. see Bassalleck, B. 8-66322
- Ulrich, H.J. see Schiller, M. 8-56604
- Ulrich, H.-J., Reinhold, U., Dabritz, S., Paufler, P., Kleinstuck, K., Peittrass, B. On the lattice transformation in plastically deformed V₃Si single crystals studied by the Kossel technique 8-95153
- Ulrich, H.-J. see Schatt, W. 8-63881, 8-95888
- Ulrich, R.L., Adams, L.M. The combined use of local irradiation and Corynebacterium parvum in the treatment of the murine line 1 lung carcinoma 8-65091
- Ulrich, R.L., Jernigan, M.C., Storer, J.B. Neutron carcinogenesis. Dose and dose-rate effects in BALB/c mice 8-53455
- Ulmanis, U.A. see Koshkin, V.M. 8-86743
- Ulmann, W. see Walzer, U. 8-81148
- Ulmer, D.E. Processing and enhancement of LANDSAT imagery 8-69545
- Ulmer, M.P., Jernigan, J.G. An energy-dependent map of the X-ray emission of the Perseus cluster 8-65702
- Ulmer, W., Hartmann, H. On a geometric interpretation of Heisenberg's commutation rule and the algebraic structure of the Pauli equation 8-93549
- Ulmschneider, P. Short period acoustic heating theory and its application to the construction of model chromosomes 8-85926
- Ulmschneider, P., Kalkofen, W. Acoustic dissipation and H⁺ radiation in the solar chromosphere. I 8-96454
- Ulmschneider, P. see Hammer, R. 8-57520
- Ulner, J. On the theory of highly anisotropic magnetic systems 8-76237
- Ulrich, A.R., Souers, P.C. Polishing of glass microbubbles 8-95869
- Ulrich, B.T. see Giovannini, B. 8-72309
- Ulrich, J.G. see Lotmar, W. 8-89472
- Ulrich, M. see Lefevre, G. 8-91305
- Ulrich, M.-H. Spectra of the stellar population in three objects related to BL Lacertae 8-54047
- Ulrich, M.-H. see Bokseberg, A. 8-96540
- Ulrich, M.-H. see Ekers, R.D. 8-96530
- Ulrich, M.-H. see O'Dell, S.L. 8-93440
- Ulrich, R., Kamiya, T. Resolution of self-images in planar optical waveguides 8-63184
- Ulrich, R. see Johnson, M. 8-70112
- Ulrich, R. see Rashleigh, S.C. 8-79128
- Ulrici, B., Jahne, E. Two-phonon infrared absorption in In_{1-x}Ga_xP mixed crystals 8-52493
- Ulstrup, J. see Doblhofer, K. 8-76866
- Ul'yanov, V.P. see Abramov, V.V. 8-80476
- Ulwick, J.C. see Baker, K.D. 8-88974
- Ulwick, J.C. see O'Neil, R.R. 8-89038
- Ulyanitskaya, A.D., Tindo, I.P., Gogonov, D.A., Nazarov, V.A., Lesnykh, O.D. Gas-filled proportional photon counter for the mirror X-ray telescope of the 'Salyut-4' station 8-86746
- Ulyanov, A.A. see Demidov, N.A. 8-77870
- Ulyanov, G.P. see Koptuy, V.A. 8-88624
- Ulyanov, K.N. Theory of electrical probes for dense plasmas of a non-self-maintained discharge 8-63631
- Ulyanov, K.N., Shemaeva, I.N. Ionization instability of semi-self-maintained discharge in molecular gases 8-67511
- Ulyanov, K.N. see Kostylev, A.A. 8-71606, 8-79490
- Ulyanov, K.N. see Novikova, K.P. 8-63598
- Ulyanov, V.V. The thermodynamics of a paragas. II 8-49754
- Ulyanov, Yu.N. see Bocharov, V.N. 8-91153
- Ulyanov, Yu.N. see Botcharov, V.N. 8-67485
- Ulyashina, A.N. Equations in the engineering theory of orthotropic shells with both tangential and normal strain 8-63303
- Ulybin, S.A., Makarushkin, V.I. Viscosity of sulfur hexafluoride at temperatures of 230-800K and pressures up to 5×10^8 dyn/cm² 8-95171
- Um, G. One-dimensional three-spin cell calculation for two-dimensional Ising exponents 8-68280
- Uma Rani Pant Properties of isotopic lithium hydride in crystalline state 8-91293
- Umakantha, N. see Chikkur, G.C. 8-64395
- Umakoshi, Y. see Murakami, K. 8-87682
- Umana, A. see Kruger, P. 8-69381
- Umanskii, G.P. see Kosevich, V.M. 8-68695
- Umanskii, M.M. see Burova, E.M. 8-79501
- Umanskii, M.M. see Sovetnikova, V.G. 8-67838
- Umanskii, S.E., Duvidzon, I.A. Automatic subdivision of an arbitrary two-dimensional region into finite elements 8-81819
- Umanskii, S.Ya. see Lebed, I.V. 8-82825
- Umanskii, V.E. see Luzanov, A.V. 8-86770
- Umanskii, V.P. see Naidich, Yu.V. 8-60910
- Umanskii, Ya.S. see Ivanov, A.N. 8-76667
- Umarchodzhayev, R.M. The action of transverse fields on a spin oscillator 8-49873
- Umarchodzhayev, R.M. see Kotkin, A.L. 8-82011
- Umarov, B.S. see Gorelik, V.S. 8-84588
- Umarov, B.V. see Azimov, S.A. 8-56224
- Umarov, G.R. see Al'tshuler, A.M. 8-51886
- Umarov, G.Ya., Akramov, Kh.T., Razykov, T.M., Teshabaev, A.T. Effect on base doping on the electrical and photoelectric properties of the thin-film Cu₂S-CdS heterojunction 8-80043
- Umarov, G.Ya. see Sobirov, O.Yu. 8-90530
- Umarova, L.O., Dashevskii, V.G. Search for possible packings of polymethylene chains in the crystal by means of the atom-atomic approach 8-75581
- Umbach, E. see Fuggle, J.C. 8-84702
- Umbarger, C.J. see Ahlquist, A.J. 8-70646
- Umeda, J. see Kuroda, T. 8-79032
- Umeda, K. see Miura, S. 8-68757
- Umeda, M. see Kimura, Y. 8-76047
- Umeda, N. Occurrence of glottal stops in fluent speech 8-92652
- Umeda, N., Tsukiji, M., Takasaki, H. Degeneration of longitudinal modes and frequency stabilization of an internal mirror He-Ne laser with a transverse magnetic field 8-90426
- Umegaki, S. see Tanaka, S.-i. 8-87146
- Umehara, M. see Nozaki, H. 8-88098
- Umehara, S. see Kaga, H. 8-51616
- Umamoto, M., Wayman, C.M. Irreversible lattice defects formed by martensitic transformation cycles in a nearly thermoelastic Fe-Pt alloy 8-60671
- Umamoto, M., Wayman, C.M. The effect of austenite ordering on the transformation temperature, transformation hysteresis, and thermoelastic behavior in Fe-Pt alloys 8-88466
- Umamoto, M. see Gladin, R.T. 8-72954
- Umehura, I. see Aizawa, N. 8-62395
- Umehura, I. see Maki, Z. 8-66087
- Umehura, J. see Kato, T. 8-92067
- Umehura, S. see Iida, 8-67686
- Umeno, M. see Jimbo, T. 8-58036
- Umeno, M. see Kumanoya, M. 8-60197
- Umesaki, N. see Iwamoto, N. 8-91254
- Umesh, G. see Sodha, M.S. 8-83572
- Umey, K., Hara, R., Inoue, T. Rheological characteristics of compact of plastic powders 8-95770
- Umehawa, H. see De Lillo, S. 8-91826
- Umehawa, H. see Mancini, F. 8-76202, 8-88072, 8-91809
- Umehawa, H. see Matsumoto, H. 8-56285
- Umehawa, H. see Natsume, H. 8-54841
- Umehawa, T., Yajima, S., Matsumoto, K. The electrical properties of resistive and dielectric thin films prepared by reactive sputtering from a tantalum-titanium composite target 8-84336
- Umio, N. see Hasegawa, A. 8-77198, 8-77203
- Umirebekov, K. see Akbarov, U. 8-88689
- Umoto, J. see Ishikawa, M. 8-67443, 8-91165
- Umoto, J. see Yoshida, M. 8-87505
- Umova, V.M., Sadovskii, V.D. Morphology and structural constitution of austenite formed during the heating of previously quenched steel 8-68709
- Umrikhina, A.V., Bystrova, M.I., Bublichenko, N.V., Mal'gosheva, I.N., Krasnovskii, A.A. Formation of free radicals on photo-oxidation of bacterioviridine in the monomer and aggregated states 8-76994
- Umurzakov, T.A., Presnyakov, A.A., Aubakirova, R.K. Influence of thermomechanical treatment on the structure and plasticity of the tin-lead eutectic 8-60686
- Un, W.K. see Ko, N.W.M. 8-83168
- Unal, H.C. Determination of the drift velocity and the void fraction for the bubble- and plug-flow regimes during the flow boiling of water at elevated pressures 8-87379
- Unanyan, L.G. see Gedakyan, J.A. 8-52699
- Underhill, A.B. see Boggess, A. 8-96382
- Underhill, A.B. see Heap, S.R. 8-96474
- Underhill, C. see Harley, R.T. 8-84807
- Underhill, J. Quantization on a manifold with connection 8-86186
- Underwood, D. see Auer, I.P. 8-62433, 8-78206
- Underwood, D. see Aver, I.P. 8-62432
- Underwood, D. see Colton, E. 8-55074
- Underwood, D. see Snyder, J.H. 8-89738
- Underwood, J.H., Kendall, D.P. Cooperative plane strain fracture toughness tests with C-shaped specimens 8-92414
- Underwood, J.H. see Antiochos, S.K. 8-81611
- Unertl, W.N. Temperature effects in polarized low-energy electron scattering from solids and liquids 8-71649
- Unertl, W.N., Celotta, R.J., Pierce, D.T. Polarised LEED using a GaAs spin polarised electron source 8-83693
- Ung Chan Tsean see Tsan Ung Chan
- Ungar, E.E., Cruikshank, D.B., Jr. Statistical estimation of percentage of overexposed workers 8-92671
- Ungar, T. see Sternberg, S. 8-74126
- Ungarish, M. see Aharoni, C. 8-84062
- Unger, D.G. see Mahanappa, K.T. 8-62400

- Unger, J. Laminar equalizing flows in high Reynolds number Couette-type initial flows terminating in free-surface flows 8-51239
- Unger, J. Convection flow in a heated chimney 8-90887
- Unger, K. see Milchev, A. 8-63998, 8-67970
- Unger, V., Clevert, H.O., Grosse-Siestrup, Ch., Gerlach, K., Kleine, H.-O., Krautzberger, W., Kuhlmann, F., Bucherl, E.S. Regulation mechanisms in circulation and fluid balance after the implantation of artificial blood pumps 8-81064
- Unger, W.K. Search for light-induced magnetization in magnetic semiconductors 8-76275
- Ungerer, K. see Herrmann, F. 8-53480
- Unger, L. see Haber, J. 8-80813
- Ungkitchanukit, A. see Masperi, L. 8-93823, 8-93823
- Ungkitchanukit, A. see Moriarty, K.J.M. 8-78228, 8-93867
- Unglik, H., Franklin, U.M., Aust, K.T. Metallographic observations on corrosion of dilute Al-Sn alloys in HCl acid 8-85054
- Ungricht, E. see Jarczyk, L. 8-78353
- Ungricht, E. see Untermahrer, J. 8-70552
- Ungrin, J. see von Egidy, T. 8-66215
- Unguendoli, M. see Baldi, P. 8-69476
- Uniacke, C.A. see Schoessler, J.P. 8-64976
- Unni, C.K. see Schilling, J.-G. 8-65342
- Unnikrishnan, M., Menon, E.S.K., Banerjee, S. Kinetics of alpha precipitation in Ti-6 wt.% Cr and Ti-11 wt.% Mo 8-68697
- Unno, W. Wave generation and pulsation in stars with convective zones 8-89193
- Unno, W., Kondo, M. The Eddington approximation generalized for radiative transfer in spherically symmetric systems. II. Nongray extended dust-shell models 8-73627
- Unno, Y. see Ozeki, T. 8-71214
- Unno, Y. see Whitmore, J. 8-74289
- Uno, T., Baba, Y. Influence of cold work and aging on the tensile properties and the fracture behavior of high purity Al-Zn-Mg base alloys 8-52842
- Unoki, H., Sakudo, T. Jahn-Teller phase transition and improper antiferroelectricity in DyVO_4 8-80294
- Unruh, H.-G. see Kruger, J.K. 8-76485
- Unruh, W.G. Quantum nondemolition measurement and coherent states 8-54228
- Unsworth, M.H. see Dalrymple, G.J. 8-73537
- Unt, V. Integrals of wave equations in space-time of plane-fronted gravitational waves 8-89380
- Unterberger, R.R. Radar propagation in rock salt 8-96215
- Unterberger, R.R. see Tarantolo, P.J., Jr. 8-96305
- Untereker, D.F. see Brandt, E.S. 8-95981
- Unterleitner, F. see Bauer, G. 8-79720
- Unterlecher, W. see Appel, E. 8-58513
- Untermyer, S., Bruns, L.E. Measuring low concentrations of plutonium and americium in earth samples 8-58505
- Untermahrer, J., Hugl, M., Lang, J., Muller, R., Ungricht, E. Nuclear reactions with ^9Be 8-70552
- Untermahrer, J., Lang, J., Muller, R. Breakup of ^9Be in the Coulomb field of heavy nuclei 8-50203
- Untermahrer, J. see Bodek, K. 8-62547
- Untermahrer, J. see Jarczyk, L. 8-78353
- Unvala, B.A. see Brah, A.S. 8-83721
- Unwin, R., Bradshaw, A.M. Photoelectron spectroscopy of palladium particle arrays on a carbon substrate 8-88403
- Unwin, R. see Hofmann, P. 8-56042
- Unwin, R.S., Saito, T., Yumoto, K. Measurement of the drift of auroral radar echoes with the radar auragraph 8-65436
- Uozato, H., Soezima, Y. Interferometric photoelasticity by using the Moire method 8-51138
- Upadhyay, K.K. Non-linear laminar flow of fluid into a fully penetrating cylindrical well 8-75198
- Upadhyay, P.C., Stokes, V.K. On the dynamic expansion of a circular hole in an infinite plate 8-55574
- Upadhyaya, J.C. Comment on 'Phonon dispersion in HCP metals' by Singh et al 8-59883
- Upadhyaya, J.C. Nonlocal effects in the lattice dynamics of HCP transition metals 8-91397
- Upadhyaya, J.C., Animalu, A.O.E. Scattering resonances and the lattice dynamics of d-band and f-band metals 8-59872
- Upadhyaya, J.C. see Kumar, J. 8-75754
- Upadyshev, A.B. see Strokov, V.A. 8-49836, 8-50938
- Upatnieks, J., Leith, E.N., Ng, W.R., Carney, J.A. Rainbow holograms using large-aperture condensing lenses 8-78962
- Uppgren, A.R. The motions of K and M dwarf stars of different ages 8-69846
- Upham, R.J., Jr. see Weisheit, J.C. 8-77591
- Uptis, Z.T. see Krauya, U.E. 8-68742
- Upreti, G.C. see Jain, A.K. 8-60328
- Upreti, G.C. see Malhotra, V.M. 8-95516
- Upreti, G.C. see Saraswat, R.S. 8-64268
- Upton, R.M. Digital generation of 1/3-octave data 8-87211
- Ura, K. see Hosokawa, T. 8-65996, 8-89606
- Ura, M., Hino, K. Relation between numbers of slope-slides and precipitation in Kitakyushu City 8-88848
- Ura, M. see Momma, N. 8-91350
- Urabe, S. see Kobayashi, M. 8-89456
- Uralov, A.M., Nefed'ev, V.P. Some polarization features of microwave bursts on the Sun 8-96468
- Ural'skii, V.I. see Sokolov, I.A. 8-80622
- Uramoto, M. see Shinata, Y. 8-74108
- Urano, T., Nakai, Y. Magnetic scattering of neutrons by the clusters in Co-rich CoAl compounds 8-80130
- Urano, Y. see Harima, H. 8-74607
- Urasawa, S. see Sugawara, M. 8-74515
- Uray, I., Fenyes, T. Small cyclotrons and their application. II 8-70656
- Uray, I., Torok, I., Bornemisza-Pauspertl, P., Vegh, L. Excitation of 12^- isomeric state of ^{209}Tl by fast neutrons 8-70453
- Uray, I. see Bornemisza-Pauspertl, P. 8-50177
- Uray, I. see Fenyes, T. 8-74517
- Uray, L., Vicssek, T. On the temperature dependence of the excess resistivity in dilute volatile alloys 8-68011
- Uray, L. see Kele, A. 8-92212
- Urazbaev, T.T. see Zon, B.A. 8-70794
- Urbach, G. see Dietz, E. 8-58528
- Urbach, W., Hervet, H., Rondelez, F. Thermal diffusivity measurements in nematic and smectic phases by forced Rayleigh light scattering 8-76483
- Urbach, W. see Hervet, H. 8-59738, 8-94977
- Urbach, W. see Rondelez, F. 8-94991
- Urban, K. see Rapps, P. 8-71645
- Urban, M. see Kello, V. 8-92497
- Urban, P., Jansen, K., Sperlich, G., Davidov, D. On the coupling between gadolinium 4f electrons and conduction electrons in mononpnictides 8-52347
- Urbanczyk, G.W. Orientation changes caused by stretching of PTE and PA-6 fibers evaluated on the basis of IR spectroscopy 8-75568
- Urbanic, V.F., Heidrick, T.R. High-temperature oxidation of Zircaloy-2 and Zircaloy-4 in steam 8-80676
- Urbanski, J.L. see Downes, R.A. 8-85958
- Urbanski, T. see Graczyk, J. 8-76896
- Urbanski, Z. see Kordyasz, A. 8-86711
- Urbas, A.D. see Polak, L.S. 8-63623, 8-67505
- Urbaschek, B. see Grehn, M. 8-77173
- Urbina, C. see Jacquotin, J.F. 8-91990
- Urbina, C. see Sullivan, N.S. 8-84027
- Urch, D.S. see Henke, B.L. 8-70848
- Urch, D.S. see Montague, P.M. 8-50557
- Urcola, J.J. see Fuentes, M. 8-76642
- Urdenko, V.A., Soloviev, M.V., Fedirko, V.I., Zemlyanaya, L.A. Hydro-optic study in the Sargasso Sea 8-85594
- Urdenko, V.A., Zemlyanaya, L.A., Vladimirov, V.L. Bioluminescent field in waters of the western Tropical Atlantic 8-65341
- Ure, R.W., Jr. see Panchanadeeswaran, S. 8-76554
- Ureche, V., Lungu, N. On the adiabatic pulsations of tidally perturbed rotating stars 8-89172
- Urgell, J.J. Problems related to avalanche multiplication in p-n junctions and Schottky barriers 8-84289
- Uri, J. Ben see Ben Uri, J.
- Urich, R.H., Sproat, W.H. Ultrasonic inspection of gas turbine sand casting 8-88594
- Urick, P.A. see Hasselmann, D.P.H. 8-84955
- Urikov, A.P. see Ermakov, A.G. 8-65425
- Urinson, A.S. see Nefedov, A.P. 8-73123
- Urisu, T., Kajiyama, K., Mizushima, Y. Orientation control of dye molecules in a liquid crystal 8-82759
- Uritskii, Yu.S. see Lyubchenko, A.P. 8-56620, 8-95731
- Urnes, S., Andresen, A.F., Herstad, O. Neutron diffraction studies of silicate glasses 8-79533
- Urnes, S. see Hansen, K.O. 8-87622
- Urnich, W. see Gebhardt, U. 8-81069
- Urnov, A.M. see Aglizki, E.V. 8-53912
- Urpin, V.A. see Dolginov, A.Z. 8-57526
- Urrecha, I., Castano, F. Double Davydov's splitting of the visible absorption band of rhodamine B 8-82746
- Urrutia, J.F. see Pal, S. 8-57164
- Urrutia, L.F. Vacuum polarization in parallel homogeneous electric and magnetic fields 8-70314
- Urry, D.W., Bradley, R.J., Ohnishi, T. Characterisation of a synthetic, voltage-dependent, cation-selective transmembrane channel 8-77009
- Ursu, I., Purica, I.I., Badescu-Singureanu, A.I.I. Nonconventional conversion systems of nuclear energy 8-86705
- Ursu, I. see Demco, D.E. 8-49874
- Urupov, A.K. see Nevinniy, A.V. 8-53748
- Urushidani, M. see Nagura, M. 8-59765
- Urusov, V.S. Fine particulate Fe in the lunar regolith 8-89089
- Urusovskaya, A.A. see Sangwal, K. 8-71739
- Urwank, P. see John, W. 8-51869
- Ury, I., Holm-Kennedy, J.W. Two-dimensional subbanding in junction field effect structures 8-64125
- Ury, I. see Lee, C.P. 8-55364, 8-71232
- Uryu, N. see Mishima, M. 8-76261
- Uryu, N. see Osaki, K. 8-56340
- Uryupin, S.A. see Silin, V.P. 8-95308
- Uryvaev, V.V. see Korolev, M.V. 8-70108
- Usacev, S., Kubu, M. The study of rejuvenate and age factors in radiocarbon dating of Quaternary 8-92993
- Usacev, S. see Benovic, D. 8-90018
- Usacev, S. see Hlinka, V. 8-90038
- Usacev, S. see Povinec, P. 8-74544
- Usacev, S. see Saro, S. 8-74550
- Usacev, S. see Stofanova, M. 8-92961
- Usacev, S. see Vanko, J. 8-92562
- Usadel, K.D., Schroter, W. The influence of hybridization on the electronic states at dislocations in semiconductors 8-51936
- Usadel, K.D. see Fischer, G. 8-61321
- Usami, A. see Tokuda, Y. 8-51587, 8-80005
- Usami, H., Masaki, S., Sato, R. The stochastic properties of the basic neuron populations as information processing system 8-80860
- Usami, K. Magnetoresistance in antiferromagnetic metals 8-79979
- Usami, T. Study of the earthquake of March 11, 1853 based on newly collected old documents 8-96146
- Usami, T., Watanabe, T. Definition and characteristic features of a seismically active region (earthquake nest) in the Kanto district 8-96148
- Usanov, D.A., Vagarin, A. Yu. The microwave displacement effect in n-type InSb in longitudinal electric and transverse magnetic fields 8-87992
- Usanov, Yu.E., Kosobokova, N.L., Tikhomirov, G.P. Investigation of the dependence of the diffraction efficiency of holograms on the sizes of the developed silver particles 8-78965
- Uschersohn, J. see Hoyer, P. 8-58174
- Uselman, W.M. see Chang, Y.S. 8-85643
- Uselman, W.M. see Lin, C.L. 8-54473
- Usenko, A.S. see Zogorodny, A.G. 8-91069
- Usha, R. see Nigam, S.D. 8-71389
- Usha, V. see Murti, Y.V.G.S. 8-79558
- Ushakov, A.I. see Krasnikova, G.N. 8-67797
- Ushakov, P.A., Zhukov, A.V., Matyukhin, N.M. Heat transfer to liquid metals in regular arrays of fuel elements 8-89932
- Ushakov, P.A., Zukov, A.V., Yuriev, Yu.S. Effect of wire-spaced fuel pins on interchannel heat and mass transfer 8-94080
- Ushakov, V.G. see Oshero, V.I. 8-60993, 8-62875
- Ushakov, V.M. see Koval', A.V. 8-56544
- Ushakov, V.N. see Alekseev, V.V. 8-61587
- Ushakov, V.V. A peculiarity in measuring the disperse drop composition in a two-phase stream 8-55682
- Ushakov, V.V. The ring method for recording scattering indices in a laser diffraction structurometer 8-71035
- Ushakov, Yu.V., Fok, M.V. The nature of the fine structure of electroluminescence spectra [and photoluminescence spectra] 8-84661
- Usharov, A.V., Udodov, V.N., Golosov, N.S. Existence regions of modifications of CuPt alloy 8-52760
- Usher, O. Herreros see Herreros Usher, O.
- Usher, P.D. Variable quasi-stellar objects. I. Photometry and completeness of faint blue objects in the Sandage-Luyten survey field $8^{\text{h}}48^{\text{m}}, +18^{\circ}$ 8-54069
- Usher, P.D., Mitchell, K.J. Variable quasi-stellar objects. II. Photometry and completeness of faint blue objects in the Sandage-Luyten survey field $15^{\text{h}}10^{\text{m}}, +24^{\circ}$ 8-93446
- Ushida, N. see Fuchi, H. 8-70521
- Ushijima, K., Fujii, K. Production of WC powder from WO_3 added Co_3O_4 8-92226
- Ushijima, K., Fujii, K., Ohtsuka, T. Mechanism of WC formation from WO_3 added Co_3O_4 and C 8-92227
- Ushio, M. see Arata, Y. 8-55728
- Ushioda, S. see Delaney, M.J. 8-80350
- Ushioda, S. see Heiman, D. 8-67799
- Ushioda, S. see Valdez, J.B. 8-72091
- Ushiroda, T. see Matino, H. 8-60573
- Ushirokawa, A., Takahashi, K., Kohata, M., Takahashi, T., Tomita, H. Calibration experiments of solar cells for satellites using high-altitude balloons 8-61700
- Ushveridze, A.G. Study of gauge theories with strong coupling by Lipatov's method 8-74220
- Usikov, M.P. see Mikhailova, L.K. 8-59781
- Uskov, V.N. see Ginzburg, I.P. 8-67237
- Uskov, V.N. see Sokolov, E.I. 8-59439
- Uslavtsev, D.M. see Andreev, G.A. 8-77898
- Usmanov, A.G. see Akhunov, N.Kh. 8-90673
- Usmanov, R.G. see Samartsev, V.V. 8-71158
- Usmanov, R.R. see Alikov, B.A. 8-74528

- Usmanov, R.Sh.** Method of applying strong electric fields in ESR at low temperatures 8-86310
- Usmanov, R.Sh.** *see* Kropotov, V.S. 8-68367, 8-68368
- Usmanov, R.Sh.** *see* Sakharov, V.A. 8-88176
- Usmanov, T.M.** *see* Azimov, S.A. 8-78421
- Usov, A.A.,** Shermergor, T.D. Velocity dispersion and scattering of transverse ultrasonic waves in composition materials 8-91383
- Usov, V.V.** *see* Kuklin, E.A. 8-67664
- Usov, V.V.** *see* Ozernoi, L.M. 8-53975
- Usov, Yu.P.** *see* Bystritskii, V.M. 8-66434
- Usov, Yu.P.** *see* Kotlyarevskii, G.I. 8-65997
- Usov, Yu.P.** *see* Petrov, A.V. 8-82544
- Usov, Yu.V.** *see* Larikov, L.N. 8-56341
- Usova, L.F.** *see* Simonova, T.N. 8-84883
- Usova, V.A.** *see* Kovalevskaya, T.I. 8-63918
- Uspenskaya, L.S.** *see* Polukarova, Z.M. 8-56736
- Uspenskiy, M.V.** *see* Timofeyev, Ye.Ye. 8-73561
- Usselmann, E.** *see* Bieger, W. 8-50402
- Usselmann, E.** *see* Frank, R. 8-50400
- Ustilko, V.V.** *see* Lysenko, V.S. 8-88488
- Ustimenko, B.P.,** Zmeykov, V.N., Shishkin, A.A. Experimental investigation of turbulent transport in a highly nonisothermal axisymmetric jet 8-83445
- Ustinov, A.I.** *see* Baklanova, L.M. 8-83772
- Ustinov, A.I.** *see* Danil'chenko, V.E. 8-64542
- Ustinov, A.I.** *see* Golovkin, V.S. 8-72374
- Ustinov, E.A.,** Filimonova, V.M. A direct method for solving the equation of transfer, applied to homogeneous planetary atmospheres of large optical depth 8-96414
- Ustinov, N.D.** *see* Arsen'ev, V.A. 8-71130
- Ustinov, N.D.** *see* Bakut, P.A. 8-71047
- Ustinov, V.V.** Form of spin resonance lines of conduction electrons in metals in the case of strong surface relaxation 8-56378
- Ustinov, V.V.,** Okulov, V.I. Boundary condition for the distribution function of conduction electrons with an anisotropic dispersion law and corrections to the impedance of metals in the case of the normal skin effect 8-76100
- Ustinova, G.K.** *see* Lavrukina, A.K. 8-61695
- Usuda, S.** *see* Natsume, H. 8-54841
- Usui, S.,** Stark, L. Sensory and motor mechanisms interact to control amplitude of pupil noise 8-64998
- Utada, H.** *see* Yukutake, T. 8-96127
- Utamura, M.** *see* Uchida, S. 8-78450
- Uteshev, M.Kh.,** Nekrasov, Yu.I., Artamonov, E.V. Measurement in plates of transverse deformations with high gradient 8-82024
- Utevskii, L.E.** *see* Slutsker, L.I. 8-75570
- Utevskii, L.M.** *see* Fain'ron, A.S. 8-56647
- Utevskii, L.M.** *see* Pankova, M.N. 8-84805
- Uthe, E.E.** *see* Randhawa, J.S. 8-69459
- Utikin, V.N.** *see* Yarkho, S.A. 8-75190
- Utkin, Yu.G.** *see* Vinokurov, V.A. 8-56830
- Utkina, A.N.,** Cherkis, Yu.Yu., Alekseenko, M.F. Effect of parameters of the carburized case on the properties of steel 20Kh3MVFA 8-52989
- Utlaut, M.** *see* Parker, N.W. 8-89604
- Utle, W.A.,** Cappelen, P. The sound insulation of wood joist floors in timber frame constructions 8-87203
- Utochkin, S.V.** *see* Yaryshev, N.A. 8-86265
- Utrobin, V.P.** Supernova models with slow energy pumping and galactic supernova remnants 8-73726
- Utrobin, V.P.** *see* Nadezhin, D.K. 8-65636
- Utsh, B.,** Igelmund, A., Hausmann, A. ENDOR investigations of sulphur doped GaP 8-72435
- Utsugi, H.** The surface treatment of silica gels and their adsorption properties 8-95855
- Utsugi, Y.,** Mizushima, Y. Photostructural change of lattice-vibrational spectra in Se-Ge chalcogenide glass 8-72494
- Utsumi, T.,** Toyonori, Y. Data logger: YODAC-8 features high performance for temperature data acquisition 8-49813
- Utsunomiya, S.** *see* Fukushima, S. 8-53482
- Utsunomiya, T.,** Sato, H. Reflection of optical wave from the arbitrarily oriented surface of an anisotropic medium 8-87012
- Utsuro, M.** *see* Kishida, K. 8-94069
- Utsushikawa, Y.** *see* Yamamoto, T. 8-72897
- Utterback, N.G.** Low energy ionizing collisions between N and CO beam molecules and CO, N₂, CH₄ and CO₂ target molecules 8-58791
- Uttley, C.A.** *see* Cookson, J.A. 8-62532
- Utton, D.B.** *see* Scurlock, R.G. 8-57962
- Uvarov, A.I.** *see* Vlasov, A.N. 8-50802
- Uvarov, V.I.** *see* Emel'yanov, I.Ya. 8-86644
- Uvarova, I.V.** *see* Grintsov, A.S. 8-60657
- Uvarova, N.N.** *see* Lugina, A.S. 8-71153
- Uvarova, T.V.** *see* Devyatkova, L.I. 8-64414
- Uwaha, M.** Theory of Bose-condensed quantum crystal 8-75905
- Uwamino, Y.,** Ishizuka, T., Nakajima, K., Sunahara, H. Determination of rare-earth oxides using ion microanalyzer 8-88683
- Uy, Z.E.S.** The decay $1 \rightarrow 0^+ \gamma$ and $0^- \rightarrow 1^- \gamma$ in a broken-SU₄ model 8-70361
- Uyama, K.** *see* Hayakawa, S. 8-61925
- Uyeda, R.,** Tanaka, N. Comparison of conventional and scanning transmission electron microscopy, with particular reference to atom images under dark field 8-83696
- Uyeda, R.** *see* Saito, Y. 8-63685
- Uyeda, S.** Active margins actively considered 8-57191
- Uyeda, S.** *see* Kodama, K. 8-57162
- Uyilings, P.** *see* McCarthy, I.E. 8-90298
- Uzakova, U.** *see* Akbarov, U. 8-88689
- Uzan, R.** *see* Hoareau, A. 8-86985
- Uzer, T.,** Dalgarno, A. The photodissociation of CH⁺ through absorption into the A¹I¹ state 8-82793
- Uzhinskii, V.V.** *see* Azhgirei, L.S. 8-78394
- Uzhinskii, V.V.** *see* Pak, A.S. 8-94028
- Uzhinsky, V.V.** *see* Azhgirei, L.S. 8-89727
- Uzunoglu, N.K.,** Alexopoulos, N.G., Fikioris, J.G. Scattering from thin and finite dielectric fibers 8-62972
- Uzunoglu, N.K.** *see* Evans, B.G. 8-53677
- Uzunoglu, N.K.** *see* Holt, A.R. 8-85622
- Uzunov, D.** *see* Vasilev, V. 8-56212
- Uzunova, T.** *see* Vasilev, V. 8-56212
- V., E.E.** Mendoza *see* Mendoza V., E.E.
- v., Helffeld, A.,** Caddick, J., Weiner, J. Observation of laser-induced Penning and associative ionisation in Li-Li collisions 8-58796
- v. Ledebur, Th.** *see* Eichler, R. 8-66695
- Vaagen, J.S.** *see* Bang, J. 8-78281
- Vaagen, J.S.** *see* Randrup, J. 8-78338
- Vaagen, J.S.** *see* Thorsteinsen, T.F. 8-62551
- Vaart, J.C.** van der *see* van der Vaart, J.C.
- Vacca, N.M.T.** On the impulse dynamical equations of a nonholonomic system 8-57769
- Vacek, K.** Kinetics of laser excited luminescence and photovoltage in AgCl crystals 8-64391
- Vacek, K.** *see* Fiala, J. 8-76417
- Vachagin, K.D.** *see* Nazmeev, Yu.G. 8-59485
- Vacher, R.** *see* Boissier, M. 8-80370
- Vachon, B.,** Dubuisson, B., Samson-Dolfus, D. Automatic study of the EEG: A method of nonstationary point detection 8-57112
- Vachon, R.I.** *see* Prakouras, A.G. 8-87247
- Vachtsevanos, G.T.** *see* Leonard, B.P. 8-77271
- Vaclavik, J.** *see* Appert, K. 8-75294
- Vacque, S.** *see* Dinguiari, J.P. 8-87548
- Vadacchino, M.** *see* Buzano, C. 8-57734
- Vadher, N.M.** *see* Dhar, B. 8-61599
- Vadher, N.M.** *see* Rastogi, R.G. 8-57393
- Vadil'ev, A.D.** *see* Trefilov, V.I. 8-68788
- Vaganova, L.A.** *see* Khomenko, O.A. 8-64248
- Vagapova, F.S.,** Ershov, G.M., Saburova, R.V. Superradiance effects in paraelectric systems 8-67773
- Vagapova, F.S.,** Saburova, R.V. Acoustic and electromagnetic excitation of superradiative state in crystals with paraelectric impurities 8-66872
- Vagarin, A.Yu.** *see* Usanov, D.A. 8-87992
- Vager, Z.** *see* Gaillard, M.J. 8-74752
- Vaghi, S.,** Zappala, V. Positions of selected minor planets 8-69730
- Vagin, S.V.** *see* Dudnik, E.F. 8-59853
- Vagin, V.A.** *see* Balashov, A.A. 8-58073, 8-70204
- Vagins, M.** *see* Leissa, A.W. 8-63291
- Vaglia, A.La** *see* La Vaglia, A.
- Vaglio, R.** *see* Barone, A. 8-56265
- Vaglio, R.** *see* Russo, M. 8-56263
- Vagner, J.** *see* Heliot, J. 8-67102
- Vagt, J.-D.** *see* Fernholz, H.H. 8-90857
- Vaguin, S.P.,** Yacobi, Yu.A., Yakovlev, V.V., Soloukhin, R.I. Experiments on radiative cooling of a shock-heated gas 8-79472
- Vaguine, V.A.** Standing wave high gradient accelerator structure 8-50423
- Vahala, G.** *see* Montgomery, D. 8-67351
- Vahala, K.J.** *see* Cox, M.E. 8-58944, 8-77647
- Vahaviolos, S.J.** *see* Jon, M.C. 8-53066
- Vaher, E.** *see* McClure, R.E. 8-79061
- Vahl, J.** *see* van Bentheim, H. 8-52599
- Vahldieck, J.,** Huhn, G., Hernig, G. Investigation into the effect of redox initiation in the emulsion polymerisation of butadiene and styrene 8-85158
- Vaiana, G.S.** *see* Rosner, R. 8-53895, 8-65491
- Vaid, R.P.,** Sen Gupta, P. Minimum fluidization velocities in beds of mixed solids 8-91005
- Vaida, V.,** Colson, S.D. Local structure and triplet energy migration in p-dichlorobenzene-p-dibromobenzene solid solutions 8-60489
- Vaidy, H.G.,** Tracy, C.A. Transverse time-dependent spin correlation functions for the one-dimensional XY model at zero temperature 8-65876
- Vaidya, O.** *see* Gesser, H.D. 8-92216
- Vaidya, S.,** Diwan, P.S., Ranade, J.D. Thermoluminescence and fluorescence studies of CaS(Pb+Mn) phosphors 8-64396
- Vaidya, S.,** Preece, C.M. Cavitation erosion of age-hardenable aluminum alloys 8-53002
- Vaidyanathan, K.V.** *see* Helix, M.J. 8-88022
- Vaidyanathan, K.V.** *see* McLevige, W.V. 8-79898, 8-84213
- Vaigachev, A.A.,** Klukvin, E.F., Puzyrev, S.Ya., Sorokin, L.S., Chaikovskii, V.G., Shchekin, K.I. Operating life of X-ray proportional counters 8-78574
- Vaillancourt, R.** *see* Schoenenberger-Deuel, J. 8-89345
- Vainberg, L.I.** *see* Baksht, F.G. 8-67418, 8-67419, 8-79473
- Vainberg, R.R.** *see* Pertsov, N.V. 8-53017
- Vainberg, V.E.** Temperature dependence of acoustic emission 8-53136
- Vainberg, V.E.,** Kantor, A.Sh., Lupashku, R.G. Using the kinetic concept of fracture for calculating the acoustic emission intensity 8-85110
- Vainblat, Yu.M.,** Kopeliovich, B.A. Influence of oriented distribution of inclusions on the anisotropy of properties of aluminium alloys 8-80589
- Vainer, B.V.** The kinetics of neutrino radiation in the hot universe with primordial 'black holes' 8-93485
- Vainerman, A.E.,** Kapitono, N.P., Syut'ev, A.N., Dobrodeeva, N.M. Phase composition and structure of the interlayer in the fusion zone of bronze with steel 8-56821
- Vainerman, V.B.** *see* Vinokur, B.B. 8-56805
- Vainrub, A.M.** *see* Belousov, M.V. 8-88309
- Vainshel'baum, V.M.,** Gold'shtein, R.V. The material scale of length as a measure of crack resistance in the fracture mechanics of plastic materials 8-63377
- Vainshelbaum, V.M.** *see* Goldstein, R.V. 8-68763
- Vainshtein, A.I.,** Voloshin, M.B., Zakharov, V.I., Novikov, V.A., Okun, L.B., Shifman, M.A. Charmorion and quantum chromodynamics 8-82157
- Vainshtein, A.I.,** Voloshin, M.B., Zakharov, V.I., Shifman, M.A. Quantum chromodynamics and the η_c -problem 8-89681
- Vainshtein, A.I.** *see* Novikov, V.A. 8-58169, 8-62362
- Vainshtein, A.I.** *see* Shifman, M.A. 8-58170, 8-70326, 8-74223
- Vainshtein, L.A.** *see* Aglizki, E.V. 8-53912
- Vainshtein, S.I.** On calculation of the Maxwell stress tensor in a turbulent medium 8-71483
- Vainshtein, S.I.** *see* Ruzmaikin, A.A. 8-96449
- Vainshtein, V.G.** Selecting conditions for surface plastic deformation in dynamic component hardening methods 8-88479
- Vainstein, L.A.** Impact excitation of dielectronic satellites in X-ray spectra of highly charged ions 8-62762
- Vainu Bappu, M.K.** Summary of solar observations for the first half of 1969 8-61832
- Vainu Bappu, M.K.** Summary of solar observations for the second half of 1969 8-61833
- Vaisburd, D.I.,** Kasatkin, S.I. The minimum size of the excited region capable of creating cracks in a solid body 8-84961
- Vaisburd, D.I.** *see* Melik-Gaikazyan, I.Ya. 8-51536
- Vaisenberg, A.O.,** Pozharova, E.A., Smiritskii, V.A. Measurement of yield of double-charged particles from capture of K⁻ meson by emulsion nuclei 8-78420
- Vaisfel's, M.P.** Relaxation and ESR in electron-nuclear spin systems cooled by adiabatic demagnetization 8-88225
- Vaishnava, P.P.,** Bhutra, M.P., Sankha, B.S. Infrared absorption spectra of samlarium mono-, di-, and tri-glycolates 8-58684
- Vaissiere, Ch.** De La *see* De La Vaissiere, Ch.
- Vaitkavichus, G.G.,** Korzh, N.N., Sokolov, Ye.N. Effects of adaptation in the analyser of the direction of movement 8-96050
- Vaitsel, V.I.** Use of holographic techniques in stellar interferometry 8-53838
- Vaivod, P.A.,** Voronov, V.V., Ivleva, L.I., Kuz'minov, Yu.S., Makarova, O.B., Polozkov, N.M. Dielectric and electrooptic properties of ferroelectric Ba_{0.54}Sr_{0.46}Nb₂O₆ doped with Y, La and Tm 8-68466
- Vajda, D.** Dependence of the threshold electric field of the acoustoelectric current instabilities in monocrystalline n-InSb on the length of a sample 8-76116
- Vajda, P.,** Maury, F., Lucasson, A., Lucasson, P. On the observation of a very low atomic displacement threshold energy in copper 8-95078
- Vajda, P.** *see* Carton-Merlet, F. 8-52534
- Vajgacev, A.A.** *see* Mamikonjan, S.V. 8-49947
- Vajravelu, K.,** Sastri, K.S. Free convective heat transfer in a viscous incompressible fluid confined between a long vertical wavy wall and a parallel flat wall 8-55642
- Vakhitova, G.G.** *see* Kanel', G.I. 8-70149
- Vakhobov, A.V.** *see* Aldizhanov, F.N. 8-80513
- Vakhobov, A.V.** *see* Eshonov, K.K. 8-52761
- Vakhobov, A.V.** *see* Zukhuridinov, M.A. 8-80514

- Vakhrateev, V.I.** *see* Kolobkov, V.P. 8-64415
- Vakhrusheva, N.N.** *see* Remizov, A.B. 8-52490
- Vakhtanova, L.P.** *see* Verbovetskii, A.A. 8-50735
- Vaknine, R., Ammann, W.W., Lorenz, W.J.** Investigation and application of pattern recognition techniques to medical picture data (scintigrams) 8-61252
- Vaks, V.G., Kravchuk, S.P., Trefilov, A.V.** Martensitic phase transitions and the phase diagrams of lithium and sodium at moderate pressures 8-72775
- Vaks, V.G., Kravchuk, S.P., Zarochentsev, E.V., Sazonov, V.P.** Temperature dependence of the elastic constants in alkali metals 8-51603
- Vaks, V.G.** *see* Balagurov, B.Ya. 8-76466
- Vakulenko, I.A.** *see* Nabich, V.K. 8-80562
- Vakulenko, O.V., Guseva, O.A.** Splitting of nitrogen donor ground state in n-type 6H silicon carbide and its manifestation within IR-region 8-92104
- Vakulov, P.V., Logachev, Yu.I., Mineev, Yu.V., Pisarenko, N.F., Savenko, I.A., Spir'kova, E.S.** Fluxes and anisotropy of protons from solar flares on October 4 and November 3, 1973, using data from the Mars 7 spaceprobe 8-69624
- Val', L.I.** *see* Soroka, B.S. 8-75052
- Vala, M.** *see* Wrobel, J. 8-58052, 8-89550
- Valadier, F.** *see* Delannoy, D.D. 8-56367
- Valance, A.** Adiabatic potential energies for NaK^+ , NaRb^+ , NaCs^+ , KRb^+ , KCs^+ , RbCs^+ , Na_2^+ , K_2^+ , Rb_2^+ , and Cs_2^+ molecular ions 8-78647
- Valance, A.** *see* Scheidt, H. 8-78778
- Valanis, K.C., Yilmazer, U.** An endochronic prediction of the variability in fracture times of polymers 8-76734
- Valanis, K.C., Yilmazer, U.** An intrinsic time to fracture criterion for amorphous polymers 8-92320
- Valarelli, J.V.** *see* Svisero, D.P. 8-65284
- Valat, P., Tourbez, H., Reiss, C.** An experimental study of the spectral and temporal evolution of the luminescence produced on focusing a giant picosecond laser pulse into liquid CCl_4 8-88348
- Valat, P., Tourbez, H., Reiss, C., Gex, J.P., Schelev, M.** Wavelength and time evolution of multiple stimulated Raman spectra in CCl_4 excited by an intense picosecond laser pulse 8-66867
- Valatkevicius, P.J.** *see* Ambrazevicius, A.B. 8-83483
- Valby, L.E.** Cryopumping system for TFTR neutral beam injectors 8-55028
- Valby, L.E.** *see* Pittenger, L.C. 8-54971
- Valckx, F.P.G.** *see* Becherer, R. 8-54915
- Valderrama-n, J., Jacob, K.T.** Vapor pressure and thermodynamic properties of MgIn_2O_4 8-91433
- Valdes, F.** A nearly complete longitude-velocity map of neutral hydrogen 8-86023
- Valdez, J.B., Ushioda, S., Mattei, G.** Raman scattering selection rules for surface polaritons 8-72091
- Vale, R., Smallman, R.E.** An X-ray topographic investigation of melt grown magnesium crystals 8-59770
- Valeev, R.G.** *see* Bogod, Yu.A. 8-76117
- Valeeva, I.A.** *see* Mavashev, Yu.Z. 8-83066
- Valence, A.** Pseudopotential calculations for NaH^+ , KH^+ , RbH^+ and CsH^+ 8-70764
- Valencia, F.A.** *see* Stewart, G.R. 8-72307
- Valencia, M.J.** Pacific Pleistocene paleoclimatic stratigraphies: A comparative analysis of results 8-57295
- Valencio, D.A.** *see* Vilas, J.F. 8-96135
- Valenduc, G.** *see* Leleux, P. 8-70726
- Valent, F.** Some phenomena of a low-voltage switching-off process 8-55761
- Valent, G.** *see* Bonneau, G. 8-74133, 8-93799
- Valenti, G.** *see* Basile, M. 8-70416, 8-74240
- Valentijn, E.A.** A Westerbork survey of clusters of galaxies VI. Measurements of the halo radio source in the Coma cluster 8-86027
- Valentin, A., Henry, A., Cardinet, Ph., Le Moal, M.F., Chen, D.-W., Rao, K.N.** Measurement and interpretation of the 1-0 band of $^{14}\text{N}^{16}\text{O}$ at 1900 cm^{-1} 8-58651
- Valentin, A.** *see* Henry, A. 8-58652
- Valentin, G., Joubert, F., Daspet, F.** Plastic zone determination in a notched bar, near rupture 8-88515
- Valentin, G., Le Goff, P., Vergnes, F.** Liquid fluidisation: Study of mass transfer between a liquid and a mobile object in a bed 8-83465
- Valentin, R.** Attenuation caused by rain at frequencies above 10 GHz 8-53686
- Valentin, R.A.** *see* Srinivasan, M.G. 8-59317
- Valentine, W.J.** *see* Fogarty, T.N. 8-72724
- Valentini, H.-B.** A system of differential equations, and the pressure, particle and energy balance for the positive column at low pressures and high degrees of ionization 8-67489
- Valentini, H.-B.** The positive column at high degrees of ionization under free-fall and ambipolar diffusion conditions 8-67490
- Valentini, H.-B.** Two procedures for solving the Abel integral equation for calculating the radial volume radiation density 8-91071
- Valentino, A.J.** *see* Miller, D.C. 8-88419
- Valentovic, D.** *see* Buch, J. 8-84100
- Valenty, S.J.** Gas chromatographic determination of dissolved hydrogen and oxygen in photolysis of water 8-61089
- Valenzuela, G.** *see* Hasselmann, K. 8-81418
- Valenzuela, G.R.** Theories for the interaction of electromagnetic and oceanic waves—A review 8-77243
- Valeri, S.** *see* Andreotti, G. 8-76857
- Valero, F.P.J., Boese, R.W.** Comments on the note by Arie et al. on the transition moment of the CO_2 band near 7740 cm^{-1} 8-90225
- Valero, F.P.J., Suarez, C.B.** Measurement at different temperatures of absolute intensities, line half-widths, and broadening by Ar and N_2 for the $30^0_1\text{N}-00^0_0$ band of CO_2 8-86865
- Valero, F.P.J.** *see* Suarez, C.B. 8-78695, 8-86864
- Valeev, K.A., Maksimochkin, V.I.** Magnetic properties of magnetic monocrystals and rocks under high uniaxial pressure 8-73361
- Vali, V., Berg, M.F., Shorthill, R.W.** Fresnel drag effect in fiber optic gyroscope 8-79142
- Valiev, E.E.** *see* Karkin, A.E. 8-52142
- Valiev, K.A., Mokerov, V.G., Saraikin, V.V., Petrova, A.G.** Light scattering near the semiconductor-metal phase transition in vanadium dioxide 8-60414
- Valiev, M.M.** *see* Achil'deva, E.S. 8-53151
- Valiev, R.Z., Kaibyshev, O.A.** Dislocations at grain boundaries and grain-boundary glide in superplastic deformation 8-64605
- Valiev, R.Z.** *see* Kaibyshev, O.A. 8-51549
- Valiev, Z.E.** *see* Goshchitskii, V.N. 8-76181
- Valigi, M.** *see* Cordischi, D. 8-52341
- Valignat, N.** *see* Allibert, C. 8-76631
- Valimaki, I.A.T.** *see* Antila, K.-J. 8-85430
- Valiron, P.** *see* Masnou-Seeuws, F. 8-78776
- Valis, M.** *see* Mason, P. 8-56961
- Valitov, R.R., Yegorova, N.P., Tret'yakov, O.A., Shmat'ko, A.A.** Properties of the ponderomotive effect of an electromagnetic wave [with diffraction] 8-71014
- Valitov, V.M.** *see* Feldman, Y.D. 8-95539
- Valk, H.J.L.** Van Der *see* Van Der Valk, H.J.L.
- Valkar, S.** *see* Bairamov, A.A. 8-78422
- Valkarova, A.** *see* Dzhambusina, M. 8-89762
- Valkarova, A.** *see* Ermilova, D.I. 8-62468
- Valko, J., Mesko, L.** Experimental and numerical investigation of the local and global components of boiling noise 8-94066
- Valko, L.** *see* Boca, R. 8-94198
- Valkonen, J.** Anhydrous scandium selenate 8-63708
- Valkonen, J.** Scandium hydrogenselenate dihydrate 8-95020
- Valkonen, J., Leskela, M.** Scandium hydrogenselenite 8-51485
- Val'kov, V.I., Galkina, E.G., Zavadskii, E.A.** Criterion of field-induced magnetic transitions 8-88143
- Val'kov, V.I.** *see* Galkin, A.A. 8-52246
- Val'kov, V.V.** *see* Erukhimov, M.Sh. 8-91857
- Vallade, M.** *see* Pique, J.P. 8-88280
- Valladon, M.** *see* Ishii, K. 8-76963, 8-76964
- Vallamattam, A.J., Babu Joseph, K., Krishna Pillai, M.G.** Hybrid high low frequency separation (HLFS) method: harmonic force fields of methyl halides 8-90067
- Vallance, R.J.** *see* Corden, M.J. 8-62470
- Vallat, J.F., Martin, J.C.** Light refraction by a cholesteric prism under an applied magnetic field 8-80319
- Valle, J.W.F.** *see* Tabensky, R. 8-81885
- Valle, L.La** *see* La Valle, L.
- Vallee, C.** Laws of isotope elastic behaviour in large deformations 8-77715
- Vallee, J.P., Hughes, V.A.** Radio identification of an infrared object associated with the passage of a shock front 8-93369
- Vallee, J.P.** *see* Hughes, V.A. 8-96519
- Vallejo, M.A.** *see* Sanmartin, J.R. 8-86071
- Vallera, A.M.B.G.** *see* de Vallera, A.M.B.G.
- Vallet, S.** *see* Jayet, B. 8-74271
- Valli, A.** The Euler equation of bidimensional fluids in domains with variable boundary 8-69986
- Valli, A.** *see* Carbone, L. 8-55687
- Valli, G.** *see* Balocchi, R. 8-80964
- Valli, G.** *see* Maranzana Fignini, M. 8-81039
- Vallieres, M., Lie, S.G., Sprung, D.W.L.** A note on the calculation of $\langle J^2 \rangle$ 8-90059
- Vallieres, M., Nogami, Y., Coelho, H.T.** Three-body problem with Bargmann potentials 8-82274
- Vallieres, M.** *see* Coelho, H.T. 8-54693
- Valls, O.T., Mazenko, G.F., Gould, H.** Kinetic-theory approach to normal Fermi liquids 8-87841
- Valls, O.T.** *see* Mazenko, G.F. 8-77810
- Valluri, S.** *see* Bhartia, P. 8-79067
- Valluri, S.R.** *see* Papini, G. 8-62138
- Valtchev, I.** *see* Atanasov, A. 8-59824
- Valtchev, S.** *see* Atanasov, A. 8-59824
- Valton, M.** *see* Salmon, J. 8-94881
- Valtonen, M.** Supermassive black holes 8-61882
- Valtonen, M.J.** A model for Cygnus A: a radio source powered by M87 type knots 8-57661
- Valuev, A.A.** Electron oscillations in nonideal plasma 8-94907
- Valuev, A.A., Norman, G.E.** Molecular-dynamic method in the theory of electron transfer coefficients of a nonideal plasma 8-71441
- Valuev, A.A.** *see* Dikhter, I.Ya. 8-71516
- Valuev, N.P., Latyshev, V.K., Lyndin, V.V.** Spectrometric method of recording gamma radiation in a multichannel defectoscope 8-53099
- Valuev, N.P., Latyshev, V.K., Lyndin, V.V.** An absorption-scattering method for finding the honeycomb blowhole depth in a continuously cast ingot of rimming steel 8-53148
- Valueva, E.P.** *see* Popov, V.N. 8-94819
- Valverde, S.** Fernandez *see* Fernandez Valverde, S.
- Valvoda, V.** *see* Jedlicka, M. 8-87890
- Valyanskaya, T.V., Sokolov, V.I.** Some features of antiferromagnetic ordering in the $\text{Mn}_3\text{Cr}_2\text{Ge}_3\text{O}_{12}$ garnet 8-80146
- Valyavko, V.V., Krylov, B.V., Stepanenko, A.S.** Method of spectrometry of high-speed processes 8-74076
- Valyavko, V.V., Zubovich, G.K.** The effect of a magnetic field on absorption and dispersion in the R-line region of the ruby 8-92056
- Vamaraju, S.R.M.** Improvements in numerical techniques for conformal transformation with particular reference to electromagnetic fields 8-74816
- Vampola, A.L., Blake, J.B., Paulikas, G.A.** A new study of the magnetospheric electron environment 8-61681
- Vampola, A.L., Kuck, G.A.** Induced precipitation of inner zone electrons. I. Observations 8-88996
- Van, J.T.T.** *see* Sukhatme, U. 8-70383
- Van, T.K., Garrard, L.A., West, S.H.** Effects of 298-nm radiation on photosynthetic reactions of leaf discs and chloroplast preparations of some crop species 8-61220
- Van Aartsen, J.J.** *see* Northolt, M.G. 8-75566
- Van Allen, J.A.** *see* Sentman, D.G. 8-89108
- Van Allen, J.W.** *see* Murcay, D.G. 8-81287
- van Alphen, G.W.H.M.** *see* Graebel, W.P. 8-80907
- Van Altena, W.F.** *see* Auer, L.H. 8-69696, 8-69780
- Van Amersfoort, J.** *see* Frandsen, A.M.A. 8-85795
- van Asselt, W.K., Poelsema, B., Boers, A.L.** Electron back-scattering in a surface-barrier detector 8-55095
- Van Atta, C.W.** Coherent structure ramp models for structure functions of temperature in turbulent shear flows 8-94670
- Van Atta, C.W., Helland, K.N.** A note on the Hurst phenomenon in turbulent flows 8-59377
- Van Atta, C.W.** *see* Antonia, R.A. 8-71380
- van Attekum, P.M.Th.M., Trooster, J.M.** A plasmon gain satellite in the KLL Auger spectrum of Mg and Al metal 8-76562
- van Ballegoijen, E.C., Boersma, F., van der Steen, C.** Application of a quartz crystal with electrode-tab configuration for simultaneous mass and temperature determination 8-54353
- van Beelen, H.** *see* Weijenbergh, P.G.P. 8-56272
- Van Beijeren, H., Sylvester, G.S.** Phase transitions for continuous-spin Ising ferromagnets 8-60260
- van Beijeren, H.** *see* Ernst, M.H. 8-71372
- van Benthem, H., Predel, B., Vahl, J.** Evaporation behaviour of metals under laser-irradiation 8-52599
- Van Berg, R.** *see* Beier, E. 8-74290
- Van Berg, R.** *see* Weisberg, H. 8-74291
- van Bibber, K.** *see* Dolí, P. 8-70558
- van Blerkom, D.** Indications of circumstellar ring systems from SiO and H_2O maser lines 8-89195
- van Bockstaele, M., Gelan, J., Martens, H., Put, J., Dederen, J.C., Boens, N., de Schrijver, F.C.** Naphthalene as a fluorescent probe in micellar systems 8-95599
- Van Bodegom, B.** *see* Van Der Wal, R.J. 8-55859
- van Bolhuis, F.** *see* van Nes, G.J.H. 8-68612
- van Bommel, A.J., Crombeen, J.E.** The GaP(001) surface and the adsorption of Cs 8-87874
- van Brakel, J., Heertjes, P.M.** The influence of the contact angle on the wetting of porous media 8-84033
- van Breda, I.G.** *see* Whittet, D.C.B. 8-61902
- Van Bruggen, C.F., Bloembergen, J.R., Bos-Alberink, A.J.A., Wieggers, G.A.** Magnetic and electrical properties related to structural transitions in Na_2VS_2 and Na_2VSe_2 8-91848
- Van Bruggen, C.F.** *see* Heikens, H.H. 8-52242, 8-60269, 8-87971

- Van Brunt, E.E., Jr. *see* Bingham, W.G. 8-80578
- Van Brunt, R.J., Gallagher, A. Electron scattering with 1 meV resolution 8-58831
- van Burck, U., Mossbauer, R.L., Parak, F., Smirnov, G.V., Semioshchina, N.A. Suppression of nuclear inelastic channels in nuclear resonance and electronic scattering of γ -quanta for different hyperfine transitions in perfect ^{57}Fe single crystals 8-60361
- van Buren, A.L. Steered planar nearfield calibration array 8-59214
- Van Buren, A.L. *see* Rogers, P.H. 8-90616
- van Camp, H. *see* Grahlzuhl, V.A. 8-72434
- Van Camp, P.E., Van Doren, V.E., Deureese, J.T. Model calculation of the static macroscopic dielectric function and the optical frequency of diamond 8-51921
- Van Camp, P.E., Van Doren, V.E., Devreese, J.T. A model calculation of phonon frequencies of diamond using a tight binding Hamiltonian 8-59894
- Van Chang, Dean, N.W., Lassila, K.E. Geometrical scaling for rising photon-neutron cross sections in dispersion-relation analyses 8-74260
- van Daal, H.J. *see* Beekmans, N.M. 8-95286
- Van Dalen, G. *see* Baum, L. 8-89758
- van Dam, H. Reactivity effects and space-domain noise caused by randomly dispersed materials in a reactor core 8-94071
- Van Dam, H., Oskam, A. He(I) and He(II) photoelectron spectra of some substituted ethylenes 8-55201
- Van Dam, P. *see* Krenz, W. 8-54624
- van de Braak, H.P., Caspers, W.J., Willemse, M.W.M. An exact upper bound for the ground-state energy of the triangular antiferromagnetic lattice by means of a renormalization procedure 8-76212
- van de Kamp, P. Astrometric study of the eclipsing binary Epsilon Aurigae from plates taken with the Sproul 61-cm refractor 8-89219
- van de Laar, J. *see* Ronchi, C. 8-66348, 8-70596
- van de Moedsdijk, G.A.J., van der Vaart, J.C. Aircraft motions in moving air 8-81274
- Van de Mosselaer, D. *see* Delaev, L. 8-76744
- van de Sanden, M.A.J.A. *see* Mook, G.A. 8-81023
- van de Stadt, H. *see* Stein, S.R. 8-59055
- Van de Vate, J.F. *see* Brink, H.M.T. 8-81342
- Van de Vegte, J., Lake, R.T. Balancing of rotating systems during operation 8-90746
- van de Ven, T.G.M., Hunter, R.J. The energy dissipation in sheared coagulated sols 8-63461
- Van de Vondel, D.F., Van der Kelen, G.P., Schmidbaur, H., Wolleben, A., Wagner, F.E. ESCA study of gold organometallics. Correlation of the binding energy with calculated charges 8-50586
- Van de Vondel, D.F. *see* Hoste, S.C.F. 8-50587
- Van De Vondel, D.F. *see* Roelandt, F.F. 8-94195
- Van de Walle, R.T. *see* Dionisi, C. 8-89735
- van de Walle, R.T. *see* Gavillet, P. 8-70409
- Van de Walle, R.T. *see* Teodoro, D. 8-89767
- van de Water, W., Kets, F.B., Boesten, L.G.J., Heideman, H.G.M. Angular momentum exchange between escaping electrons in the case of electron impact ionisation of hydrogenic targets 8-78820
- Van De Wiele, J. *see* Duhamel, G. 8-93928
- van den Berg, G.J.K. *see* Obbink, J.H. 8-89483
- van den Berg, H.A.M., Ruigrok, J.J.M. Theory and practice of image formation by the photoprojection method of submicron patterns 8-71180
- van den Berg, H.R., Trappeniers, N.J. Experimental determination of the logarithmic term in the density expansion of the viscosity coefficient of krypton at 25°C 8-91054
- Van Den Berg, J.A., Armour, D.G. A bakable UHV, precision three-axis goniometer 8-70673
- van den Berg, S. Explosions in galaxies 8-96546
- Van Den Berge, G. *see* Wieme, W. 8-63632
- van den Berge, E.A. *see* Delhez, R. 8-80491
- van den Bergh, H. *see* Bado, P. 8-73061
- Van Den Bergh, H. *see* Dupuy, C. 8-80770
- van den Bergh, H. *see* Forte, E. 8-64872
- Van Den Bergh, S. The luminosity function of clusters of galaxies 8-54058
- van den Bergh, S. The NGC 1275 enigma 8-57639
- van den Bergh, S. Optical remnant of the supernova of 1181 8-65678
- Van Den Bogaert, F. *see* Baland, J.F. 8-93911
- Van Den Bogaert, F. *see* Benot, M. 8-86731
- Van Den Boom, H. *see* Verweij, H. 8-64519
- Van den Boomgaard, J., Born, R.A.J. A sintered magnetoelectric composite material $\text{BaTiO}_3\text{-Ni}(\text{Co, Mn})\text{Fe}_2\text{O}_4$ 8-68655
- Van Den Boomgaard, T., King, T.A., Tadros, T.F., Tang, H., Vincent, B. The influence of temperature on the adsorption and adsorbed layer thickness of various molecular weight fractions of poly(vinyl alcohol) on polystyrene latex particles 8-85206
- Van den Bosch, A. *see* Grobet, P. 8-70963
- van den Brekel, C.H.J. Morphological stability analysis of growth from the vapour 8-92200
- Van den Brekel, C.H.J., Jansen, A.K. Interface morphology in chemical vapour deposition on profiled substrates 8-60040
- van den Broeck, J.-M., Schwartz, L.W., Tuck, E.O. Divergent low-Froude-number series expansion of nonlinear free-surface flow problems 8-51146
- van den Broek, C.A.M., Stuijts, A.L. Ferroxdure 8-84455
- Van den Broek, J.H.J.M. *see* Denier Van der Gon, J.J. 8-73170, 8-73171
- van den Broek, P.M. Induced PUA representations and selection rules 8-54214
- van den Doel, R. *see* de Leeuw, F.H. 8-52321
- Van den Enden, L., Geise, H.J., Spelbos, A. The molecular structure of cis- and trans-bicyclo [4.4.0] decane in the gas phase studied by electron diffraction and molecular mechanics 8-50658
- Van Den Enk, J.E., Janssen, J.H., De Jongh, W.K. A system for routine analysis of chlorine, sulphur, potassium and calcium in brine by X-ray fluorescence spectrometry applying theoretical matrix corrections 8-88690
- van den Heuvel, E.P.J. *see* Dupree, A.K. 8-96569
- van den Heuvel, E.P.J. *see* Hammerschlag-Hensberge, G. 8-61888
- van den Horn, L.J. *see* Caderni, N. 8-61947
- van den Horn, L.J. *see* de Boer, W.P.H. 8-93871
- Van Den Horn, L.J. *see* Siskens, Th.J. 8-62391
- Van Den Wijngaart, C.A. *see* Maas, J.W. 8-66205
- Van D'ep Nguen *see* Nguen Van D'ep
- van der Avoird, A. *see* Berns, R.M. 8-94202
- Van Der Avoird, A. *see* Wormer, P.E.S. 8-62868
- van der Berg, F., van Heugten, W., Caspers, L.M., van Veen, A. Clustering of helium in vacancies bound to a $1/2(111)(110)$ edge dislocation in α -iron 8-91358
- Van der Biest, O.O. *see* Mishra, R.K. 8-64534
- van der Bilt, A. *see* O'Connor, C.J. 8-91877
- van der Bom, J. *see* de Wit, J.H.W. 8-56171
- van der Boog, A.G.M., Husson, L.P.J., Kramers, H.C. Measurements of the second-sound velocity in dilute ^3He - ^4He mixtures 8-63898
- van der Borgh, R. Convection in stars 8-69785
- van der Broek, J.J. *see* van Landuyt, J. 8-91902
- van der Burg, C.M., van Maanen, G.A., Vegt, J.W. Equipment for measuring piezoelectric polymer films in a wide frequency range: data on polyvinylidene fluoride PVDF 8-60397
- van der Eerden, J.P., Knops, H.J.F. Correlations in the XY model and screw dislocations in the solid-on-solid model 8-63691
- van der Elksen, J. *see* Boom, E.W. 8-62869
- Van Der Elksen, J. *see* Van Der Peijl, G.J.Q. 8-74702
- Van Der Giessen, J., De Lange, C.A. The ^{19}F shielding anisotropy of p-nitrofluorobenzene from nematic phase NMR 8-62824
- Van der Gon, J.J. Denier *see* Denier Van der Gon, J.J.
- Van der Ha, J.C., Modi, V.J. Orbital perturbations and control by solar radiation forces 8-89041
- van der Heijden, A.M.J. *see* Breed, D.J. 8-52322
- van der Hucht, K.A. *see* Bernat, A.P. 8-73739
- Van Der Kam, P.M.A. *see* Hesselink, W.H.A. 8-58249
- Van der Kelen, G.P. *see* Hoste, S.C.F. 8-50587
- Van Der Kelen, G.P. *see* Roelandt, F.F. 8-94195
- Van der Kelen, G.P. *see* Van de Vondel, D.F. 8-50586
- Van der Klein, C.A.M., Veringa, H.J. Technology of superconductors for energy transfer applications 8-49871
- van der Kraan, A.M. *see* Buschow, K.H.J. 8-52250
- van der Kraan, A.M. *see* Gubbens, P.C.M. 8-56413
- van der Laan, C.J. Calibration substrate for Abeles-equipment 8-77965
- van der Laan, H. Future prospects of radio observations of active nuclei 8-57652
- van der Laan, J.E. *see* Murray, E.R. 8-69525
- Van Der Leeden, G.A. *see* Chu, T.L. 8-56220, 8-56573
- Van der Leij, M., Sikkens, M. Properties of spectrally selective materials 8-50872
- Van Der Leun, C. *see* Maas, J.W. 8-66205
- Van Der Leun, C. *see* Van 't Westende, A.P.M. 8-55089
- Van Der Linde, J. *see* Chien, C.W.T. 8-70873
- van der Linde, R.H., Ammerlaan, C.A.J. Optically induced divacancy reorientations in silicon 8-80216
- van der Linden, Th. *see* Hensberge, H. 8-96487
- van der Linden, Th.J. *see* The, P.S. 8-77557
- Van Der Linden, W.E. *see* Dieker, J.W. 8-73055
- Van der Linden, W.H. *see* Janssen-van Rosamalen, R. 8-64455
- van der Mark, W. *see* Joss, W. 8-91602
- Van Der Meer, H.C. Linear combinations of stereoscopic depth effects in dichoptic perception of gratings 8-69093
- van der Meer, S. *see* Bregman, M. 8-89768
- van der Meer, S. *see* Carron, G. 8-90006
- van der Meij, J.A.M. *see* van Dijk, M.H.H. 8-82007
- van der Merwe, A.J. *see* Janossy, L. 8-93515
- van der Merwe, J.P. A Fourier-Bessel solution of an Einzel-type electrostatic field with rotational symmetry 8-82878
- Van Der Merwe, P.Du.T. On the nonlinear quantum field 8-70251
- van der Merwe, P. du T. Backlund transformations, tachyon solitons and their interactions 8-54181
- Van Der Merwe, G.P. *see* Kes, P.H. 8-52168
- van der Molen, S.B., Galjee, F.W.B.M. The boiling mechanism during burnout phenomena in subcooled two-phase water flows 8-94529
- van der Mullen, J.J.A.M., van der Sijde, B., Pots, B.F.M., Schram, D.C. A collisional radiation model for the argon neutral system 8-67535
- Van Der Peijl, G.J.Q., Frenkel, D., Van Der Elksen, J. Experimental and calculated cross sections for pressure broadening of pure rotational Raman lines of HCl 8-74702
- van der Raay, H.B. *see* Brookes, J.R. 8-93190, 8-96393, 8-96403
- van der Rest, J. Local environment and magnetic properties in transitional alloys. IV 8-64187
- van der Rest, J., Cruz, J. On the magnetic moment of Ni, Co, Fe, Mn and Cr impurities in the Rh-Pd system 8-95416
- Van Der Scheer, A., Feijen, J., Smolders, C.A., Elhorst, J.K., Krugers Dagneaux, P.G.L.C. The feasibility of radiolabeling for human serum albumin (HSA) adsorption studies 8-85359
- van der Sijde, B., Pots, B.F.M. A collisional radiative model for the argon ion system 8-71080
- Van Der Sijde, B. *see* Pots, B.F.M. 8-55338
- van der Sijde, B. *see* van der Mullen, J.J.A.M. 8-67535
- van der Sluijs, J.C.A. *see* Sambrook, J. 8-93680
- van der Sluijs, M.J. *see* Davies, A.E. 8-68441, 8-82002
- van der Steen, C. *see* van Ballegooijen, E.C. 8-54353
- van der Straten, P.J.M., Metselaer, R. Liquid phase epitaxial growth of copper ferrite films 8-92205
- Van der Touw, F. *see* Paoletti, S. 8-84515
- van der Vaart, J.C. *see* van de Moedsdijk, G.A.J. 8-81274
- Van Der Valk, H.J.L., Meertens, P., Haas, C. Electron paramagnetic resonance of divalent V, Mn, and Co in single crystals of CdI_2 and PbI_2 8-68362
- van der Veen, J. *see* de Jeu, W.H. 8-55807
- van der Velde, M. *see* Simonov, Yu.A. 8-62582
- Van Der Velde-Wilquet, C. *see* Krenz, W. 8-54624
- van der Vleuten, W.C. *see* Brabers, V.A.M. 8-95503
- Van Der Waals, J.H. *see* Nishi, N. 8-70856
- Van Der Waals, J.H. *see* Nishi, N.N. 8-96118
- Van Der Waals, J.H. *see* Schadee, R.A. 8-76517
- Van Der Waerden, B.L. The Great Year in Greek, Persian and Hindu Astronomy 8-81790
- Van Der Wal, R.J., Van Bodegom, B. 2:3 complex of rubidium and 7,7,8,8-tetracyanoquinodimethane 8-55859
- Van Der Wal, W.J.J. *see* Albers, H. 8-91542
- van der Weg, W.F. *see* van Gorp, G.J. 8-79824
- Van Der Werf, S.Y. On the formalism of multiplicity measurements 8-70730
- van der Westhuizen, P. *see* Brink, J.A. 8-94314
- Van Der Wey, R. *see* Doornbos, J. 8-54757
- van der Wiel, M. *see* Gavrilu, M. 8-90295
- Van der Wiel, M.J., Granneman, E.H.A. Polarization effects in two-photon ionization 8-62772
- Van der Wiel, M.J. *see* Hitchcock, A.P. 8-90310
- Van der Wiel, M.J. *see* Ob'edkov, V.D. 8-58820
- Van Der Woude, F. *see* Leenhouts, F. 8-79526

- van der Ziel, A. *see* Hanafi, H.I. 8-56233, 8-88028
- Van der Ziel, J.P., Gossard, A.C. Two-photon absorption spectrum of AlAs-GaAs monolayer crystals 8-52589
- Van Der Ziel, J.P., Gossard, A.C. Optical birefringence of ultrathin Al_{0.5}Ga_{0.5}As multilayer heterostructures 8-64422
- van der Zwan, G. *see* Mazur, P. 8-73929
- Van Der Zwan, L., Geiger, K.W. The ¹¹B(p,n)¹¹C cross section from threshold to 4.9 MeV 8-93996
- van Diepen, A.M., Lotgering, F.K. Mossbauer spectra of Fe³⁺ and Fe²⁺ ions in hexagonal ferrite with W-structure 8-88242
- van Diepen, A.M., Popma, T.J.A. Temperature dependence of the hyperfine field in amorphous Fe₂O₃ 8-84508
- van Dijen, G. *see* Balogh, A. 8-85791
- Van Dijk, C.A., Zeegers, P.J.Th., Nienhuis, G., Alkemade, C.Th.J. Two-photon excitation of Na atoms in a flame by broad-band laser irradiation 8-74625
- van Dijk, J.A.P.P. *see* Hoogervorst, C.J.P. 8-92507
- van Dijk, J.H.M. Simulation of human arm movements controlled by peripheral feedback 8-80891
- van Dijk, M.H.H., Roosegaarde Bisschop, E.F., van der Meij, J.A.M. Application of a SQUID to record magnetic ion concentration in maser crystals 8-82007
- van Dijk, W., Kerssies, A., Hammerschlag-Hensberge, G., Wesseliuss, P.R. Ultraviolet photometric observations of Ap and Am stars 8-61869
- Van Dijk, W., Preston, M.A. Effects of non-minimal interaction currents on NP bremsstrahlung 8-70394
- Van Dommelen, M.E., Buck, H.M., De Haan, J.W. α -substituent effects in ¹³C NMR of hydrocarbons. Quantum chemical calculations 8-74680
- Van Dong Nguyen *see* Nguyen Van Dong
- van Dongen, F.G., Beljaars, A.C.M., de Vries, D.A. A periodic intermittent model for the wall region of a turbulent boundary layer 8-87336
- van Dongen, J.C.M. *see* Beers, C.J. 8-51974
- van Dongen Torman, J., Veeman, W.S. Carbon-13 chemical shielding tensors in para-xylene 8-60342
- van Doorn, C.F., du Plessis, P. de V. A neutron scattering investigation of the order of the magnetic transition in NiO 8-56313
- van Doremalen, P. *see* Brabers, V.A.M. 8-95503
- Van Doren, V.E. *see* Van Camp, P.E. 8-51921, 8-59894
- Van Dorn, W.G. Breaking invariants in shoaling waves 8-85577
- van Dreumel, W.H.M. Ultrasonic scanning for quality control of advanced fibre composites 8-95882
- van Driel, H.M. *see* Bessey, J.S. 8-55403
- van Driel, J. *see* Kamermans, R. 8-66295
- van Duijnen, P.T. *see* Hol, W.G.J. 8-61140
- Van Duyne, R.P. *see* Drake, K.F. 8-85235
- van Duyneveldt, A.J. *see* O'Connor, C.J. 8-91877
- van Duyse, H. *see* Atkinson, R.H. 8-96313
- Van Duzer, T. Recent developments in applications of the Josephson effect 8-91819
- Van Duzer, T. *see* Lum, W.Y. 8-84352
- Van Dyck, D. *see* Van Tendeloo, G. 8-63697
- Van Dyck, O. *see* Frankel, S. 8-70524
- Van Dyke, M. Extended Stokes series: laminar flow through a loosely coiled pipe 8-51242
- van Dyke, M., Wehausen, J.V., Lumley, J.L. (editor) Annual review of fluid mechanics 8-59357
- van Eck, H.J. Ritsema *see* Ritsema van Eck, H.J.
- Van Eck, P.I., Bihuniak, P. A two-camera intervalometer with a sampling option 8-77367
- Van Elst, H.C. A description of the dependence of fracture resistance on cracklength 8-67120
- Van Elst, H.C., Wildschut, H., Lont, M.A., Toneman, F.H. The evaluation of the resistance against ductile crack extension 8-68807
- Van Enckevort, W.J.P., Giling, L.J., Bloem, J. Surface morphology of HCl etched silicon wafers. II. Bunch formation 8-68831
- van Engen, P.G. Mode degeneracy in magnetic garnet optical waveguides with high Faraday rotation 8-94454
- Van Erk, W. The growth kinetics of garnet liquid phase epitaxy using horizontal dipping 8-60039
- Van Everdingen, R.O. Frost mounds at Bear Rock, near Fort Norman, Northwest Territories, 1975-1976 8-65346
- Van Everdingen, R.O., Krouse, H.R. Stratigraphic differentiation by sulfur isotopes between Upper Cambrian and Lower Devonian gypsum-bearing units, District of Mackenzie, N.W.T. 8-61413
- van Eyll, C. *see* Bachy, J.-L. 8-81026
- Van Gemert, W.J.Th. *see* Jansen-Falkenburg, I.A. 8-80575
- Van Genderen, A.M. A progression in the characteristics of the period-amplitude diagrams for Cepheids in different galaxies 8-53956
- van Genderen, A.M. *see* The, P.S. 8-77557
- Van Genderen, J.L., Lock, B.F., Vass, P.A. Remote sensing: statistical testing of thematic map accuracy 8-77372
- van Genechten, J. *see* Balogh, A. 8-85791
- Van Genuchten, M.Th. *see* Gray, W.G. 8-89317
- van Gerven, L. *see* Grobet, P. 8-70963
- van Gerven, L. *see* Wegener, W. 8-91274, 8-91275
- Van Ginneken, A. *see* Chen, K.W. 8-62407
- Van Goethem, G. Variable domain finite element analysis or unsteady compressible fluid flow problems 8-90820
- Van Goethem, L., Van Landuyt, J., Amelinckx, S. Study of the glide elements in pyrite by means of electron microscopy and electron diffraction 8-83817
- van Gunsteren, W.F., Allaart, K., Hofstra, P. Number-projected three-quasiparticle description of the odd Sn isotopes 8-93953
- van Gulp, G.J., van der Weg, W.F., Sigurd, D. Interactions in the Co/Si thin-film system. II. Diffusion-marker experiments 8-79824
- van Gysse, J., Nandedkar, R.V., Stals, L., Deruytter, A. Blistering of rhenium irradiated with 21 keV helium ions 8-87722
- van Haeringen, H. Simple analytic expressions for the Coulomb off-shell Jost functions 8-62121
- van Haeringen, H. Fuda's off-shell Jost function for Coulomb, Hulthen, and Eckart potentials and limiting relations 8-81875
- Van Hamme, J.L. Wind effects on the state of the sea near the Belgian coast 8-65372
- Van Hecke, G.R., Santarsiero, B.D., Theodore, L.J. Physical studies of homologous trans-4-ethoxy-4'-n-alkanoyloxyazobenzenes: Birefringence 8-59742
- van Hecke, P., Janssens, G. NMR direct detection of tunnel splittings in solid SiH₄ 8-56396
- van Heerden, I.J. *see* Lutz, H.O. 8-50628, 8-78793
- van Heerden, W.L. *see* Rummel, F. 8-81433
- van Hees, A.G.M. *see* Glaudemans, P.W.M. 8-78254
- Van Hemmen, J.L. Dynamics and ergodicity of the infinite harmonic crystals. A review of recent results 8-59919
- van Hemmen, L. A generalization of Rayleigh's theorem for the infinite harmonic crystal 8-55914
- van Heugten, W. *see* van der Berg, F. 8-91358
- van Heugten, W.F.W.M., Berg, F.V.D., Caspers, L.M., van Veen, A. Relaxation of lattice atoms around defects in V, α Fe and Mo 8-79604
- Van Heugten, W.F.W.M. *see* Caspers, L.M. 8-51601
- van Heuvel, M. *see* Lafleur, M.V.M. 8-68994
- Van Hienen, J. *see* Chung, W. 8-74314
- van Hienen, J.F.A. *see* Timmer, G.A. 8-93970
- van Hienen, J.F.A. *see* Zalm, P.C. 8-82280
- Van Hieu Nguyen *see* Nguyen Van Hieu
- Van Hijum, E. *see* Yamamoto, T. 8-67208
- Van Hollebeke, M.A.I. *see* Kahler, S.W. 8-77545
- Van Hollebeke, M.A.I. *see* von Rosenvinge, T.T. 8-85798
- Van Hook, W.A. *see* Jakli, G. 8-59939
- Van Hook, W.A. *see* Jancso, G. 8-53245, 8-58657, 8-59940
- Van Horik, M.P. *see* Covey, H.D. 8-53549
- Van Houtte, P. Simulation of the rolling and shear texture of brass by the Taylor theory adapted for mechanical twinning 8-52835
- Van Hove, L. What do physicists expect from higher energies? 8-78528
- Van Hove, M.A. *see* Lee, B.W. 8-51807
- Van Hove, M.A. *see* Mitchell, K.A.R. 8-71921
- Van Hove, M.A. *see* Tong, S.Y. 8-71918
- van Hoyer, E., Adams, F., Gijbels, R. Sensitivity calibration for the spark-source mass-spectrometric analysis of aluminium and its alloys 8-68962
- van Hulsteyn, D.B. *see* Hahn, S.F. 8-55750
- Van Hulten, H.W. Brunsfeld *see* Brunsfeld Van Hulten, H.W.
- van Hummel, G.J. *see* Harkema, S. 8-67617
- Van Hung Nguyen *see* Nguyen Van Hung
- Van Hutten, H. *see* Hasselmann, K. 8-81418
- Van Isacker, P. *see* Heyde, K. 8-78343
- van Kaick, G., Lorenz, D., Muth, H., Kaul, A. Malignancies in German thorotrast patients and estimated tissue dose 8-96072
- Van Kampen, C.L., Jones, R.D., Gibbons, D.F. An in vivo method to evaluate the effect of materials upon arterial thrombosis 8-81071
- Van Kampen, N.G. *see* Heilmann, O.J. 8-93516
- van Kempen, H. *see* Beers, C.J. 8-51974
- van Kessel, A.T., Myron, H.W., Mueller, F.M. Electronic structure of Nb₃Sn 8-72066
- van Kessel, A.T. *see* Arko, A.J. 8-75985
- van Kessel, C. *see* Mulser, P. 8-59601
- Van Kessel, H.J., Van Vliet, R.G., Groendijk, H. An electron beam deflection tube for current measurements 8-54393
- Van Khien Truong *see* Truong Van Khien
- Van Kleef, T.A.M. *see* Srivastava, R.P. 8-62748
- van Kleef, Th.A.M. *see* Joshi, Y.N. 8-58616
- van Klinken, J., Feenstra, S.J., Dumont, G. Wedge-shaped SmCo₅ magnets for mini-orange spectrometers 8-58531
- Van Klinken, J. *see* Dumont, G. 8-70682
- van Klinken, J. *see* Pfeiffer, B. 8-78323
- Van Klinken, J. *see* Taff, L.M. 8-55088
- Van Konynenburg, R.A. *see* Nethaway, D.R. 8-70491
- van Kranendonk, J. *see* Sipe, J.E. 8-70964
- van Landuyt, J., van Tendeloo, G., van der Broek, J.J., Donkersloot, H., Zijlstra, H. Defect structure and magnetic properties of MnAl permanent magnet materials 8-91902
- Van Landuyt, J., Wieggers, G.A., Amelinckx, S. A new type of deformation modulated superstructure in 1T-VSe₂ and its relation with other superstructures in transition metal dichalcogenides 8-51515
- Van Landuyt, J. *see* Corne Lissens, T. 8-79589
- van Landuyt, J. *see* David, M. 8-67626
- Van Landuyt, J. *see* Van Goethem, L. 8-83817
- Van Landuyt, J. *see* Van Sande, M. 8-83777
- van Landuyt, J. *see* van Tendeloo, G. 8-71707
- van Landuyt, J. *see* Wolf, R. 8-63698, 8-75512
- van Leeuwen, H.P. The coulombic impulse technique: a critical review of its features and possibilities 8-73048
- Van Leeuwen, J. *see* Siemes, A.J.M. 8-52945
- van Leeuwen, J.M.J. *see* Hilhorst, H.J. 8-65881
- Van Leeuwen, J.M.J. *see* Van Saarloos, W. 8-73951
- van Leeuwen, W. Storm *see* Storm van Leeuwen, W.
- Van Lenthe, J.H., Rutting, P.J.A. Ab initio calculations on the three lowest states of HO₂⁺ 8-62711
- Van Lerberghe, A., Avriplier, S., Borde, C.J. High stability CW waveguide CO₂ laser for high resolution saturation spectroscopy 8-71112
- van Leunen, J.A.J. OTF (optical transfer functions) standardization 8-50728
- Van Leuven, P. *see* Bouten, M. 8-70467
- Van Liere, J. *see* Katgerman, L. 8-51540
- Van Loef, J.J. Temperature and density dependence of the self-diffusion coefficient in quasi-spherical molecular liquids and structural properties 8-91461
- van Loef, J.J. *see* van Schaik, F.J. 8-95458
- Van Loo, F.J.J. *see* Bastin, G.F. 8-67684
- Van Loon, P., Klip, W., Bradley, E.L. Length-force and volume-pressure relationships of arteries 8-65072
- Van Lumig, A., Reuss, J. Collisions of hydrogen cluster ions with a gas target at 200-850 eV energy 8-62968
- van Maanen, G.A. *see* van der Burgt, C.M. 8-60397
- van Mark, E., Preis, H., Wedler, H. Design, calculations and tests with the ASDEX circuit breaker system 8-55032
- Van Mau, A. Nguyen *see* Nguyen Van Mau, A.
- van Mechelen, J.B. *see* Bouwman, R. 8-53022
- van Meeteren, A. Prediction of realistic visual tasks from image quality data 8-53415
- van Meeteren, A. On the detective quantum efficiency of the human eye 8-56976
- Van Meirhaeghe, R.L. *see* Laflere, W.H. 8-64114
- Van Middelkoop, G. *see* Sterrenburg, W.A. 8-93943
- Van Middelkoop, G. *see* Zalm, P.C. 8-91999
- van Miltenburg, J.C. *see* Obbink, J.H. 8-89483
- Van Nam Nguyen *see* Nguyen Van Nam
- Van Nauta Lemke, H.R., Verbruggen, H.B. (editor) Digital computer applications to process control 8-49808
- van Nes, G.J.H., van Bolhuis, F. Spherical crystals grown in situ for low-temperature X-ray work on volatile compounds 8-68612
- Van Nes, G.J.H., Vos, A. Single-crystal structures and electron density distributions of ethane, ethylene and acetylene. I. Single-crystal X-ray structure determinations of two modifications of ethane 8-63744
- Van Ness, H.C. *see* Abbott, M.M. 8-79735
- Van Ngoc Pham *see* Pham Van Ngoc
- Van Ni Chan *see* Chan Van Ni
- van Niekerk, H.R. *see* Eriksson, A.J. 8-81446
- van Nieuwenhuizen, P. *see* de Wit, B. 8-78126
- van Nieuwenhuizen, P. *see* Ferrara, S. 8-49743, 8-70037, 8-74198
- van Nieuwenhuizen, P. *see* Freedman, D.Z. 8-50001
- van Nieuwenhuizen, P. *see* Kaku, M. 8-78085
- Van Nieuwenhuizen, P. *see* Nielsen, N.K. 8-93588
- Van Nieuwenhuizen, P. *see* Serman, G. 8-54279

- van Nieuwland, J.M., Petterson, A., Weber, C.
The design and construction of a non-rectangular reverberation chamber 8-83196
- van Nieuwland, J.M. *see* Brongersma, H.H. 8-76968
- van Nunen, J.W.G., Roos, R., Meijer, J.J. Investigation of the unsteady airloads on wing-store configuration in subsonic flow 8-71358
- van Oers, W.T.H. *see* Anderson, A.N. 8-74368
- van Oers, W.T.H. *see* McCamis, R.H. 8-74363
- van Oirschot, T.G.J., Hallais, J.-P., Andre, J.-P. III-V materials for transmission mode photocathodes 8-52616
- van Ommen, A.H. *see* Bakker, H. 8-59801
- van Orden, J.W. *see* Donnelly, T.W. 8-66268
- van Ormond, D. *see* Andriessen, J. 8-78638
- van Otterloo, J.D., Gerritsen, L.J. The accuracy of Schottky barrier-height measurements on clean-cleaved silicon 8-52081
- van Oystaeyen, B. *see* Argan, P. 8-82333
- van Paradis, J. Average properties of X-ray burst sources 8-81710
- van Paradis, J. *see* Grindlay, J.E. 8-81708
- van Paradis, J.A. *see* Abramenko, A.N. 8-77622
- van Patter, D.M. *see* Hartas, A.G. 8-78378
- van Poelgeest, A. *see* Bron, J. 8-54719
- van Poelgeest, A. *see* Hesselink, W.H.A. 8-58249
- van Prooijen, K. A theory of equal-tempered scales 8-90609
- van Putten, A.A.G. *see* King, G.W. 8-58705
- van Raaphorst, J.G., Slanina, J., Borger, D., Lingerak, W.A. Multielement analysis in rain-water 8-69512
- van Reenan, R.J. *see* Lutz, H.O. 8-50628
- van Rij, C., Britton, D. The crystal structure of sodium cyanide dihydrate, NaCN₂H₂O 8-75635
- van Rijk, P.P. *see* de Graaf, C.N. 8-80958
- van Rijsbergen, R. *see* Namba, O. 8-89164
- van Riper, K.A. *see* Bludman, S.A. 8-93096
- van Rooijen, J. *see* Balogh, A. 8-85791
- van Rooyen, R.S., Kroger, D.G. Laminar flow heat transfer in internally finned tubes with twisted-tape inserts 8-94725
- Van Rossum, M. *see* Langouche, G. 8-92005
- Van Rossum, M. *see* Rots, M. 8-52395
- van Rotterdam, A. Models for the generation of the rhythmic brain activity 8-73150
- Van Royen, E.W. *see* Alsem, W.H.M. 8-83816
- Van Saarloos, W., Van Leeuwen, J.M.J., Pruisken, A.M.M. Variational principles in renormalization theory 8-73951
- Van Sande, M., De Ridder, R., Van Tendeloo, G., Van Landuyt, J., Amelinckx, S. High resolution study of one-dimensional long period superstructures in Cu₃Sn with additions of zinc and nickel 8-83777
- Van Schaik, F.J., Rekvelde, M.Th. Domain wall bowing in a FeSi picture frame crystal studied by time-dependent neutron depolarization 8-56344
- van Schaik, F.J., Rekvelde, M.Th. Magnetization reversal of a FeSi picture-frame crystal measured by the time-dependent neutron-depolarization technique 8-84451
- van Schaik, F.J., Rekvelde, M.Th., van Loef, J.J. Domain wall bowing in a FeSi picture frame crystal measured by time-dependent neutron depolarization 8-95458
- van Schaik, N. *see* Coolen, F.C.M. 8-66491, 8-67474
- van Schaik, N. *see* Pins, M. 8-58620
- van Schaik, N. *see* Steenhuisen, L.W.G. 8-59715, 8-59716
- van Schyndel, A. *see* Datars, W.R. 8-55953
- Van Sciver, S.W. Cryostabilization of large superconducting magnets using pool boiled helium II 8-54996
- Van Sciver, S.W. Heat capacity of multilayer ³He adsorbed on graphite 8-87842
- Van Sciver, S.W., Vilches, O.E. Heat-capacity study of the second layer of ³He adsorbed on Grafoil 8-87843
- Van Sciver, S.W. *see* Hilal, M.A. 8-89999
- Van Sciver, W.J. *see* Meyers, P.V. 8-84641
- Van Sen Nguyen *see* Nguyen Van Sen
- Van Shang Bui *see* Bui Van Shang
- Van Speybroeck, L.P. *see* Kallne, E. 8-63186
- Van Sprang, H.A., De Heer, F.J. A study of the emission spectrum of HF excited by electrons 8-90305
- Van Sprang, H.A., Mohlmann, G.R., De Heer, F.J. Emission of radiation due to ionization and dissociation of N₂O by electron impact 8-90304
- Van Sprang, H.A. *see* Mohlmann, G.R. 8-82787
- van Staa, R. *see* Berger, Ch. 8-62414, 8-89725
- Van Staden, J.C. *see* Cowley, A.A. 8-70547
- van Steeg, J.G., Wesseling, P. Solution of the Boussinesq equations by means of the finite element method 8-79292
- Van Stone, R.H., Low, J.R., Jr., Shannon, J.L., Jr. Investigation of the fracture mechanism of Ti-5Al-2.5Sn at cryogenic temperatures 8-64642
- van Storch, H. Construction of optimal numerical filters fitted for noise damping in numerical simulation models 8-92997
- Van Straten, A.J. *see* Smit, W.M.A. 8-66551
- van Stryland, E. *see* Diels, J.-C. 8-50830
- Van 't Westende, A.P.M., Lancman, H., Van Der Leun, C. The resonance gamma-ray absorption method 8-55089
- Van Tao Nguyen *see* Papirer, E. 8-68920
- van Tendeloo, G., Wolf, R., van Landuyt, J., Amelinckx, S. Electron diffraction and high resolution electron microscopic study of ordering in the gold-manganese system. I. The orthorhombic and monoclinic I structure in Au₁₁Mn, 8-71707
- van Tendeloo, G., Amelinckx, S. Direct observation by high resolution electron microscopy of coincidence sites in domain boundaries in ordered gold-manganese alloys 8-71708
- Van Tendeloo, G., Wolf, R., Van Dyck, D., Amelinckx, S. The study of ordering in the Au₂Mn₃ alloy by means of structure images 8-63697
- Van Tendeloo, G. *see* Corne Lissens, T. 8-79589
- van Tendeloo, G. *see* David, M. 8-67626
- Van Tendeloo, G. *see* van Landuyt, J. 8-91902
- Van Tendeloo, G. *see* Van Sande, M. 8-83777
- van Tendeloo, G. *see* Wolf, R. 8-63698, 8-75512
- van Tinh, N. Nguyen *see* Nguyen van Tinh, N.
- Van Toi Vo *see* Vo Van Toi
- van Toorn, P., Huizer, A.M.J., Ferwerda, H.A. Proposals for solving the phase retrieval problem for semi weak objects from noisy electron micrographs 8-78047
- Van Trong Nguyen *see* Nguyen Van Trong
- Van Uitter, L.G., Wemple, S.H. ZnCl₂ glass: A potential ultralow-loss optical fiber material 8-74955
- Van Uitter, L.G. *see* Barnes, P.A. 8-71113
- Van Uitter, L.G. *see* Bonner, W.A. 8-68322
- van Uitter, L.G. *see* Dillon, J.G., Jr. 8-68349
- Van Uitter, L.G. *see* Flanders, P.J. 8-64251
- Van Uitter, L.G. *see* O'Bryan, H.M., Jr. 8-75854
- Van Vechten, D. Concern about employability and the subfield choices of today's graduate students 8-65747
- Van Vechten, D. *see* Dreher, P.A. 8-61966
- Van Vechten, J.A. Formation of interstitial-type dislocation loops in tetrahedral semiconductors by precipitation of vacancies 8-67715
- Van Vechten, J.A. *see* Monemar, B. 8-74911
- Van Veen, A. *see* Caspers, L.M. 8-51601
- van Veen, A. *see* Fastenau, R.H.J. 8-71754
- van Veen, A. *see* van der Berg, F. 8-91358
- van Veen, A. *see* van Heugten, W.F.W.M. 8-79604
- Van Veen, G. Simulation and analysis of EPR spectra of paramagnetic ions in powders 8-80194
- Van Veen, N.J.A. *see* De Vries, M.S. 8-62859
- Van Velsen, J.F.C. On linear response theory and area preserving mappings 8-62174
- Van Velsen, J.F.C. On the Riemann curvature of conservative systems in classical mechanics 8-89332
- Van Vleck, J.H. Quantum mechanics—the key to understanding magnetism 8-76215
- van Vliet, K.M. Linear response theory revisited. I. The many-body van Hove limit 8-62156
- Van Vliet, K.M. On the derivation of the Pauli and van Hove master equations 8-89397
- Van Vliet, R.G. *see* Van Kessel, H.J. 8-54393
- Van Voorst, J.D.W. Dephasing of coherently excited molecular vibrations in a liquid 8-72505
- van Voorst, J.D.W. *see* Glasbeek, M. 8-84499
- Van Voorst, J.D.W. *see* Langelaar, J. 8-62813
- Van Wageningen, R. *see* Stuivenberg, J.H. 8-82340
- Van Wazer, J.R. *see* Datta, S.N. 8-74559, 8-74788
- van Weert, Ch.G., de Boer, W.P.H. On the derivation of quantum kinetic equations. I. Collision expansions 8-70053
- van Weert, Ch.G. *see* de Boer, W.P.H. 8-70054
- van Welzenis, R.G. *see* Brands, H.R. 8-65914
- Van Wezemael, A.-M., Lafere, W.H., Cardon, F., Gomes, W.P. Study of the Schottky barrier at the n- and p-type indium phosphide electrode/electrolyte interface 8-52079
- van Wijngaarden, A., Drake, G.W.F. Deuterium Lamb shift via quenching radiation anisotropy measurements 8-66502
- Van Willigen, H. *see* Razi Naqvi, K. 8-78738
- van Winsum, J.A., den Hartog, H.W., Lee, T. Calculation of the shape of the potential well of Mn²⁺ in SrCl₂ 8-87951
- van Winsum, J.A., Lee, T., den Hartog, H.W. Calculation of the shape of the potential well of Mn²⁺ in CaO, SrO, and BaO 8-87950
- van Wyk, J.A. *see* Loubser, J.H.N. 8-95521
- Van Wyngaarden, W.-L. *see* Henry, R.J.W. 8-55247
- Van Zandt, L.L. *see* Keem, J.E. 8-72152
- van Zee, G.A., Groen, F.C.A. A contrast enhancing filter for banded chromosomes 8-92755
- Van Zee, R.J., DeVore, T.C., Wilkerson, J.L., Weltner, W., Jr. High spin molecules: ESR and optical spectroscopy of MnH (Σ) and MnH₂ (Δ₁) at 4K 8-94264
- Van Zee, R.J., Seely, M.L., DeVore, T.C., Weltner, W., Jr. Electron spin resonance of the ytterbium fluoride molecule at 4K 8-86890
- Van Zee, R.J. *see* DeVore, T.C. 8-66565
- van Zwieten, G., Vogel, J.A., Bom, A.H.A., Rijsterborgh, H. Computer assisted analysis of M-mode echocardiograms 8-80942
- Van Zyl, B., Neumann, H., Le, T.Q., Amme, R.C. H+N₂ and H+O₂ collisions: Experimental charge-production cross sections and differential scattering calculations 8-94313
- Van Zyl, B. *see* Rothwell, H.L., Jr. 8-68879
- van Zyl, B.B. *see* Eriksson, A.J. 8-81446
- Vana, J., Bohacek, V., Ripa, M. Modified magnetron discharge facility [for plasma production] 8-75380
- Vanag, V.K. *see* Fel', N.S. 8-58877
- Vanbeveren, D. The influence of the radiation pressure force on possible critical surfaces in binary systems 8-96505
- Vanbeveren, D. *see* de Loore, C. 8-81609
- Vance, E.R., Boland, J.N. Fission fragment irradiation of single crystal monoclinic ZrO₂ 8-87720
- Vance, E.R., Mackey, D.J. Optical spectra of U⁴⁺ and U⁵⁺ in zircon, hafnium, and thorite 8-88334
- Vance, E.R. *see* Smith, G. 8-52537
- Vance, O.L., Katholi, C.R. Vibration of the uniform spinning cable with tip mass 8-94609
- Vance, R.L., Gallup, G.A. Representation of ab initio energy surfaces by analytic functions 8-82663
- Vanchikov, V.V., Zalesskii, A.V., Karnshev, A.S., Krivenko, V.G., Solov'ev, E.E. Nuclear magnetic resonance of Fe⁵⁷ nuclei in cobalt-substituted yttrium orthoferrite 8-91987
- Vancon, M. *see* Bathias, C. 8-56730
- Vandamme, L.K.J. *see* Hooze, F.N. 8-64074
- Vandamme, L.K.J. *see* Kedzia, J. 8-64073
- Vanden Bergh, G., De Meyer, H. On the existence of intelligent states associated with the non-compact group SU(1,1) 8-77753
- Vanden Bergh, G. *see* De Meyer, H.E. 8-65805
- Vanden Bout, P.A., Moffett, T.J. Further observations of nonperiodic optical flickering in HZ Herculis 8-53988
- Vandenberg, A.H.M. The Tasman Fold Belt System in Victoria 8-96212
- VandenBerg, D.A. Gas in globular clusters. III. Time-independent outflow models including photoionization 8-93338
- Vandenberg, J.M. *see* Matthias, B.T. 8-95438
- Vandenbergh, J. Geomorphology of the Zuiderkempen [Belgium] 8-61452
- Vandenbosch, R. Spontaneously fissioning isomers 8-82402
- Vandenbosch, R., Webb, M.P., Dyer, P., Puigh, R.J., Weisfield, R., Thomas, T.D., Zisman, M.S. Elastic and deeply inelastic reactions in the ⁸⁶Kr+¹³⁹La system at 505, 610, and 710 MeV 8-66316
- Vandenbosch, R. *see* Chan, Y.-D. 8-78405
- Vandenbulcke, P. *see* Pelosi, P.M. 8-55436
- Vandenput, G. *see* Kota, V.K.B. 8-74325
- Vander Poorten, H. *see* Petitjean, J.P. 8-85056
- Vander Sande, J. *see* Rechten, M.D. 8-91365
- Vander Sluis, K.L. *see* Ma, C.H. 8-91158
- Vander Velde, J.C. *see* Bell, J. 8-54625, 8-93872, 8-93873
- Vander Velde, W.E. *see* Bressel, C.N. 8-81444
- Vander Velde-Wilquet, C. *see* Erriquez, O. 8-78170
- Vander Werf, S.Y. *see* Christensen, P.R. 8-54798
- Vanderauwera-Mahieu, A. *see* Drowart, J. 8-80780
- Vanderborck, G. *see* Luijckx, J.M. 8-94644
- Vanderglas, M.L., Pick, R.J. On virtual crack extension methods for combined tensile and shear loading 8-67149
- Vandergraaf, T.T., Carefoot, L.M., Boase, D.G. Burnup determination of nuclear fuels using neodymium-148 8-82459
- Vanderhaeghen, J. *see* Wegener, W. 8-91274, 8-91275
- Vanderhaghen, R. *see* Charpentier, P. 8-70690, 8-78578
- Vanderhoff, J.A. Photodissociation cross sections for Ar₂⁺, Kr₂⁺, and Xe₂⁺ at 3.0 and 3.5 eV 8-62861
- Vanderhoff, J.M. Diffraction analysis for multiple-beam pellet irradiance 8-50845
- Vanderkooy, J. Contactless Hall coefficient measurement in materials of small Hall angle in the skin depth regime 8-86303
- Vanderkooy, J. *see* Hill, P.H. 8-51881

- Vanderleeden, J.C.** Reaction chamber for laser separation of deuterium 8-55040
- Vandermeer, R.A.,** Ogle, J.C., Snyder, W.B., Jr. Shape memory effects in a uranium +14 at. % niobium alloy 8-76694
- Vandermeulen, J.** *see* Delville, A. 8-86053
- VanderPlas, H.A.** *see* Moon, R.L. 8-72746
- Vanderschueren, J.,** Linkens, A. Stability of heterocharges in poly(methyl methacrylate) thermoelectrets. II. Effect of γ -irradiation on thermally stimulated current spectra 8-72453
- Vanderschueren, J.,** Linkens, A. Nature of transient currents in polymers 8-80278
- Vandervan, N.S.** *see* Ashkin, J. 8-91942
- Vandervoort, P.O.,** Keene, J. Resonant stellar orbits in spiral galaxies. IV. Hydrodynamic flows in the regions of the Lindblad resonances 8-96527
- VanDevender, J.P.** Power flow studies for fusion oriented particle accelerators 8-50320
- VanDevender, J.P.** The resistive phase of a high-voltage water spark 8-67453
- VanDevender, J.P.** *see* Shope, S. 8-78520
- Vandevyver, M.,** Plumelle, P. Local force variations due to substitution impurities in nine compounds with the zinc-blende structure 8-51633
- Vandevyver, M.** *see* Zigone, M. 8-76472
- Vane, C.R.,** Sellin, I.A., Suter, M., Alton, G.D., Elston, S.B., Griffin, P.M., Thoe, R.S. Continuum electron capture dependence on projectile Z and velocity 8-55222
- Vane, C.R.** *see* Laubert, R. 8-84692
- Vane, C.R.** *see* Pegg, D.J. 8-78797
- Vane, C.R.** *see* Suter, M. 8-78796
- Vanek, V.** *see* Gekelman, W. 8-67409
- Vaneldik, J.F.,** Routledge, D. Design of a tracking correlation receiver with feedback for radio astronomical interferometry 8-57445
- Vangengeim, S.D.** *see* Dekanenko, V.M. 8-56643
- Vangengeim, S.D.** *see* Sotskaya, N.F. 8-95288
- Vangerko, H.,** Treloar, L.R.G. The inflation and extension of rubber tube for biaxial strain studies 8-83251
- Vangermann, G.,** Yedintsov, I.M., Ivanitskii, G.R., Kuniskii, A.S., Reikhel't, R., Tsyganov, M.A. Interpretation of the electron-microscope images of crystalline aggregates of leucine aminopeptidase 8-68988
- Vanha-Honko, V.** *see* Sipilä, H. 8-74536
- Vanhaelst, M.,** Broeckx, J., Matthys, P., Boesman, E. Spin-lattice relaxation of the V^{2+} centre in NaCl, KCl, and RbCl 8-91941
- Vanhaelst, M.,** Clauws, P. EPR spectrum of the oxygen vacancy in single crystals V_2O_5 8-72406
- Vanhaelst, M.,** Matthys, P., Boesman, E. Electron spin transfer in alkali chlorides and alkali bromides doped with divalent vanadium 8-87949
- Vanhecke, F.J.** Inelastic effects in the sideways dispersion relations for the electromagnetic form factors of the nucleon 8-82212
- Vanhecke, L.,** Bouten, F. A generalization of a theorem on tensor fields 8-49645
- Vanheuverzwijn, P.** *see* Demoen, B. 8-49716
- Vanhollenbeke, J.** *see* Debarbat, S. 8-89115
- Vanhomwegen, G.** *see* Nowak, R.J. 8-78213
- VanHoosier, M.E.** *see* Bartoe, J.-D.F. 8-93184
- Vanhorenbeek, J.** *see* Albouy, G. 8-78309
- Vanhorenbeek, J.** *see* Richel, H. 8-78316
- vanHulsteyn, D.** *see* Mitchell, K.B. 8-51364
- Vanicek, K.** Methods of measuring the solar radiation and the radiation climate of the CSSR 8-88874
- Vanicheva, N.A.** *see* Vargaftik, N.B. 8-63528
- Vanier, J.,** Larouche, R. A comparison of the wall shift of TFE and FEP Teflon coatings in the hydrogen maser 8-78984
- Vanier, J.,** Tétu, M., Brousseau, R. Frequency and time domain stability of the Rb^{87} maser and related oscillators: a progress report 8-58968
- Vanier, J.** *see* Busca, G. 8-58972
- Vanier, P.E.** *see* Pollak, F.H. 8-80809
- Vaniman, D.T.,** Papike, J.J. The lunar highland melt-rock suite 8-81568
- Vaniman, D.T.** *see* Papike, J.J. 8-77500
- Vanin, A.F.,** Kalamkarov, G.R., Kiladze, S.V., Ostrovskii, M.A. Presence of two closely arranged SH groups in the rhodopsin molecule 8-53323
- Vanin, A.F.,** Voyevodskaya, N.V. Appearance of free radical centres in mouse liver tissue on low temperature oxidation 8-69013
- Vanin, G.A.** On the theory of piezo- and elastooptical effects under longitudinal shear in the fibrous media with imperfections 8-56457
- Vaninov, V.L.,** Novoselov, S.K. The conductivity mechanism in AsTeCu, glasses 8-87978
- Vanimskaya, Yu.M.** *see* Petryaev, E.P. 8-61035
- Vankar, V.D.** *see* Banerjee, A. 8-52666
- Vankar, V.D.** *see* Das, S.R. 8-76602
- Vanko, J.,** Usacev, S., Povinec, P. Gamma-spectrometric determination of U, Ra, Th and K content in natural samples 8-92562
- Vankov, Ch.** *see* Betev, B. 8-57414
- Vanlandingham, F.G.** *see* Singh, P.D. 8-58644
- VanLoon, L.S.** *see* Hart, R.L. 8-85723
- Vannerberg, N.G.** *see* Wood, J.C. 8-88561
- Vanneste, C.** *see* Botineau, J. 8-55405
- Vanneste, C.** *see* Ostrowsky, D.B. 8-66955
- Vanni, H.** *see* Earl, W.L. 8-89517
- Vannikov, A.V.** *see* Kostin, A.B. 8-63988
- Vannini, G.** *see* Bertin, A. 8-55259
- Vannucci, F.** *see* Gaillard, J.M. 8-78162
- Vannucci, F.** *see* Tanenbaum, W. 8-66113
- Vannucci, G.,** Teich, M.C. Effects of rate variation on the counting statistics of dead-time-modified Poisson processes 8-65968
- Vanoli, F.** *see* Esposito, B. 8-66132
- Vanossi, M.** *see* Bertozzi, B. 8-55046
- Vanquickenborne, L.G.,** Gorlier-Walrand, C., Debuyt, R. g-factor anisotropy of the CrO_3 radical 8-67994
- Vanryckeghem, L.** *see* Michael, C. 8-50055
- Vanryckeghem, L.G.F.** *see* Choudhury, D.K. 8-66037
- Vanselli, L.** *see* Augelli, V. 8-68041
- Vant, M.R.,** Ramseier, R.O., Makios, V. The complex-dielectric constant of sea-ice at frequencies in the range 0.1-40 GHz 8-61430
- Vant, M.R.** *see* Campbell, W.J. 8-81173
- van't Klooster, P.** *see* Trappeniers, N.J. 8-70125
- Vany, A.S.** *see* De Vany, A.S.
- Vanyan, L.L.,** Vnuchokova, T.A., Fainberg, E.B., Eroshenko, E.A., Dyal, P., Parkin, C.W., Daily, W.D. Electromagnetic sounding of the Moon using Apollo 16 and Lunokhod 2 surface magnetometer observations (preliminary results) 8-65518
- Vanzo, L.** *see* Toller, M. 8-70016
- Varadan, T.K.** *see* Prathap, G. 8-63362, 8-83307, 8-83311
- Varadan, V.K.,** Varadan, V.V., Yih-Hsing Pao. Multiple scattering of elastic waves by cylinders of arbitrary cross section. I. SH waves 8-63216
- Varadan, V.V.** Scattering matrix for elastic waves. II. Application to elliptic cylinders 8-59324
- Varadan, V.V.** *see* Varadan, V.K. 8-63216
- Varadi, G.** *see* Kosaly, G. 8-94059
- Varakina, E.N.** *see* Mostovoi, R.M. 8-76061
- Varaksin, A.N.,** Puzanova, N.M., Volobuev, P.V. Calculation of diffusion coefficients of hydrogen isotopes in metals with a f.c.c. lattice 8-91483
- Varandas, A.J.C.** *see* Murrell, J.N. 8-62743
- Varanetskas, I.P.** *see* Kaminskas, A.I. 8-72978
- Varaprasada Rao, S.M.,** Satyanarayana Murty, B.V., Bhimasankaram, V.L.S. Petrophysical properties (density and magnetic-susceptibility) and lithologic composition of some dolerite dykes of Andhra Pradesh, India 8-85542
- Varava, A.N.** *see* Timrot, D.L. 8-71416
- Varchim, J.U.,** Meyer, H. Assessment of ECG and QRS triggering with real-time correlator 8-92715
- Varchim, J.U.** *see* Meyer, H. 8-92716
- Varchim, J.U.** *see* Meyer, H. 8-92714
- Varchon, D.,** Oytana, C., Delobelle, P. Application of a method of analysing anelastic relaxations. Extension to creep at high temperatures 8-63806
- Varchon, D.** *see* Delobelle, P. 8-68713
- Vardanyan, D.M.,** Manukyan, A.M., Truni, K.G. X-ray imaging of a stacking fault in a crystal with Bragg geometry 8-59821
- Vardanyan, G.A.** Scattering of a vacancy on from an impurity 8-87957
- Vardanyan, R.A.,** Melik-Alaverdyan, Yu.K. On the distribution of compact galaxies in compact groups 8-61926
- Vardanyan, Yu.S.** Multilayer model of circumterrestrial space with due regard for horizontal component of magnetic field 8-73556
- Vardavas, I.M.** *see* Cram, L.E. 8-65591
- Vardeny, Z.,** Gilat, G. Lattice dynamics of Cu-halides 8-59891
- Vardoulakis, I.,** Goldscheider, M., Gudehus, G. Formation of shear bands in sand bodies as a bifurcation problem 8-73362
- Varea, V.R.** Weak Hamiltonian inversion in an algebra 8-54150
- Vareille, A.** *see* Charmet, J.C. 8-63045
- Vareille, J.** Atmospheric pollution survey network in the streets of Paris 8-81463
- Varetti, E.L.** *see* Castellano, E.E. 8-91311
- Varetti, E.L.** *see* Durig, J.R. 8-82730
- Varey, R.H.** *see* Hamilton, P.M. 8-96298
- Varfolomeev, V.I.** *see* Budnikov, V.N. 8-79439
- Varga, D.** *see* Kover, L. 8-95653
- Varga, L.,** Tompa, K. Ferromagnetic nuclear resonance investigation of the surface magnetization in iron sheets 8-60348
- Varga, L.** *see* Demeter, I. 8-61166
- Varga, P.M.** *see* Reynolds, J.H. 8-54496
- Vargaftik, N.B.,** Vanicheva, N.A. Experimental investigation of the thermal conductivities of C_6D_6 , C_6H_6 and C_6D_{12} , C_6H_{12} in the gaseous phase 8-63528
- Vargaftik, N.B.,** Volyak, L.G., Stepanov, V.G., Chelebayev, A.K., Kozhevnikov, V.F., Alekseev, V.A., Ryzhkov, Yu.F. Density of caesium at high pressures and high temperatures 8-55903
- Vargaftik, N.B.,** Yakush, L.V. Temperature dependence of thermal conductivity of helium 8-59534
- Vargas, H.,** Pelz, J., Dimitropoulos, C. ^{35}Cl NQR studies of irradiation defects in chlorates 8-91981
- Vargas, H.** *see* Cancelli, L.S.G. 8-59932
- Vargas, H.** *see* Florian, R. 8-75810
- Vargas, H.** *see* Ghizoni, C. 8-68027
- Vargas, L.** *see* De Varga, L.
- Varghese, J.N.** *see* Davis, C.L. 8-55774
- Varghese, P.** *see* Hoffman, G.W. 8-54760
- Varghese, P.** *see* Hoffmann, G.W. 8-62674, 8-70526
- Vargin, A.N.** *see* D'yachkov, L.G. 8-91152
- Varin, A.N.,** Kalashnikov, S.D., Krivoshein, V.A. Analysis of the basic characteristics of the scintillation gamma camera 8-57059
- Varin, R.** *see* Wyrzykowski, J.W. 8-60936
- Varin, R.A.,** Wyrzykowski, J.W. 'In situ' observation of dislocation generation from grain boundary in aluminium 8-51547
- Varkony, T.H.,** Carhart, R.E., Smith, D.H., Djerrassi, C. Computer-assisted simulation of chemical reaction sequences. Applications to problems of structure elucidation 8-92477
- Varlamov, A.A.** Transport effects in the exciton phase of semimetals in strong magnetic fields 8-87977
- Varlamov, L.I.** *see* Aleshin, Yu.D. 8-89732
- Varlamov, V.V.,** Ishkhanov, B.S., Kapitnov, I.M., Kocharova, Zh.L., Shvedunov, V.I. Study of proton decay channel of the giant resonance of ^{32}S nucleus 8-89840
- Varlashkin, P.G.,** Coulter, B.L., Seykora, E.J. A university research experience for talented high-school students 8-89282
- Varley, B.J.,** Foote, G.S., Garrett, C., Gelletly, W. The decay of ^{106}Sn 8-93971
- Varley, R.L.** A nonequilibrium analogue of the Percus-Yevick equation 8-55797
- Varli, K.V.,** D'yakonova, N.P., Rutman, A.M. Comparator for measurements of X-ray photographs and other objects 8-86397
- Varljen, T.C.,** Flanagan, C.A. Design related RD&D assessment for TNS 8-54976
- Varljen, T.C.,** Gibson, G., French, J.W., Heck, F.M. Engineering parameters for four ignition TNS Tokamak reactor systems 8-50359
- Varljen, T.C.,** Howland, H.R., Krist, G.A. A decision model for TNS design strategy 8-58415
- Varljen, T.C.** *see* Howland, H.R. 8-50362
- Varljen, T.C.** *see* Roberts, M. 8-58414
- Varma, B.P.** *see* Ghosh, C. 8-84687, 8-84693
- Varma, G.K.,** Zamick, L. Elastic scattering of 1 GeV protons from nuclei 8-70515
- Varma, G.K.,** Zamick, L. On radii of neutron distributions in nuclei 8-93933
- Varma, G.K.** *see* Franco, V. 8-82328
- Varma, G.K.** *see* Harrington, D.R. 8-50166, 8-94000
- Varma, H.K.** A model for heat transfer coefficients in dryout region of forced convection evaporation 8-90988
- Varma, R.K.** On Alfvén's critical velocity for the interaction of a neutral gas with a moving magnetized plasma 8-69670
- Varma, R.K.** *see* Ambastha, A. 8-73752
- Varma, R.K.** *see* Nagesha Rao, N. 8-55720
- Varma, R.R.** *see* Montgomery, V. 8-56036
- Varma, R.R.** *see* Williams, R.H. 8-91753
- Varma, S.K.,** Chang, F.C., Magee, C.B. Compounds and phase relationships in the lithium-iridium-hydrogen system 8-92245
- Varma, S.P.** *see* Lal, B.B. 8-74652
- Varmazis, C.,** Sandell, R.D., Jain, A.K., Lukens, J.E. Generation of coherent tunable Josephson radiation at microwave frequencies with narrowed linewidth 8-88078
- Varmazis, C.,** Viswanathan, R., Caton, R. Technique for bonding gold and silver metals on sapphire 8-54352
- Varmuza, G.** *see* Rotter, H. 8-64898
- Varnado, S.G.** *see* Mitchener, J.L. 8-58412
- Varnado, S.G.** *see* Mitchiner, J.L. 8-50340
- Varnagy, M.** Measurement of gamma dose by means of a cellulose nitrate solid state nuclear track detector 8-73247
- Varnek, V.A.,** Gabuda, S.P., Obmoin, B.I. Phase transition and temperature effects in Mossbauer and NMR spectra $[N(CH_3)_3H]_2SnF_6$ crystals 8-88236
- Varney, J.C.** Liquid crystals 8-51419
- Varney, R.N.,** Helm, H., Lindinger, W. Transverse diffusion coefficients for ions drifting in cases with which resonant charge exchange occurs 8-63533
- Varney, R.N.** *see* Helm, H. 8-70903
- Varney, R.N.** *see* Kuen, I. 8-82072
- Varney, R.N.** *see* Lindinger, W. 8-64834
- Varney, R.N.** *see* Stori, H. 8-91169

- Varoglu, E., Finn, W.D.L. Variable domain finite element analysis of free surface gravity flow 8-79294
- Varoglu, E., Finn, W.D.L. A finite element method for the diffusion-convection equation 8-90888
- Varoquaux, E.J. *see* Sudraud, M. 8-56004
- Varotsos, P., Alexopoulos, K. Calculation of the migration volume of vacancies in ionic solids from macroscopic parameters 8-75872
- Varotsos, P., Ludwig, W. On a new analysis of the diffusion experiments under pressure 8-55971
- Varotsos, P., Ludwig, W., Falter, C. On a new analysis of the diffusion data in sodium under pressure 8-55975
- Varotsos, P. *see* Falter, C. 8-91332
- Varotsos, P.A. On the analysis of the defect-experimental data in metals 8-75657
- Varotsos, P.A. The formation volume of Frenkel defect in silver halides 8-7906
- Varotsos, P.A., Alexopoulos, K. The curvature in conductivity plots of silver halides as a consequence of anharmonicity 8-79800
- Varracchio, E. *see* Capitelli, M. 8-63542
- Varret, F. *see* Calage, Y. 8-52381
- Varret, F. *see* Teillet, J. 8-89608
- Varshal, B.G. *see* Kisilenko, N.G. 8-84960
- Varshalovich, D.A., Khersonskii, V.K., Cherenyi, G.F. Radio emission of the interstellar NS molecule 8-54031
- Varshalovich, D.A., Levshakov, S.A. Molecular hydrogen lines in quasar spectra 8-69905
- Varshava, S.S. *see* Sandulova, A.V. 8-52650
- Varshavskii, I.L. *see* Podgornii, A.N. 8-67022
- Varshney, B.S. *see* Sharma, P.R. 8-83393
- Varshney, S.K., Sakuntala, M. Electromagnetic wave interaction with varying plasma 8-75346
- Varshni, Y.P. Electron density in the emission-line region of Wolf-Rayet stars 8-93263
- Varshni, Y.P. *see* Kesarwani, R.N. 8-49706
- Varshni, Y.P. *see* Lam, C.S. 8-87667
- Vartanyan, A.T. *see* Meshkova, G.N. 8-55174
- Vartanyan, T.A., Przhibel'skii, S.G. Optical excitation of colliding atoms to a state of quasibound motion 8-58784
- Vartanyan, T.A., Przhibel'skii, S.G., Chigir', N.A. Nonadiabatic transitions in a radiation field of broad spectral range 8-87101
- Vartanyan, Yu.L., Adzhyan, G.S. Gravitational radiation of neutron stars and white dwarfs 8-65646
- Vartanyan, Yu.L., Ovakimova, N.K. Nuclear matter with the retention of neutrinos 8-96390
- Vary, A. Ultrasonic method for evaluating strength properties of fiber reinforced composites 8-76796
- Vary, A. Correlations among ultrasonic propagation factors and fracture toughness properties of metallic materials 8-80698
- Vary, J.P. *see* Sandel, M.S. 8-50102
- Vasallo, C. Integrated optics technique 8-50946
- Vasanelli, L. *see* Manfredotti, C. 8-84216
- Vasanta Ram, V., Kiske, S. An investigation into the relaxation process following a stepwise change in wall roughness in turbulent channel flow 8-90861
- Vasaru, G. *see* Ghete, P. 8-51274
- Vasaru, Gh. *see* Atanasiu, M. 8-58862
- Vascon, M. *see* Faissner, H. 8-70355
- Vascon, M. *see* Zanella, G. 8-92699
- Vasconcellos, M.B.A., Lima, F.W. Activation analysis of alkaline rocks. A comparison between destructive and non-destructive methods 8-92573
- Vascotto, A. *see* Fidecaro, G. 8-66157
- Vasechkin, V.N. *see* Mironov, B.P. 8-83379, 8-94545
- Vasek, P. *see* Sima, V. 8-68622
- Vasek, T. *see* Mamikonjan, S.V. 8-49947
- Vasenko, S.A., Zharkov, G.F. Passage of a current through a finite size Josephson junction 8-80103
- Vashchenko, A.P. *see* Abramchuk, G.A. 8-85097
- Vashchenko, I.P. *see* Korotushenko, G.V. 8-56815
- Vashi, V.D. *see* Kotrappa, P. 8-89993
- Vashishta, P., Rahman, A. Ionic motion in α -AgI 8-55981
- Vashishta, P. *see* Kalia, R.K. 8-60058
- Vashkevich, V.A. *see* Mostovoi, R.M. 8-76061
- Vashkovski, A.V., Zubkov, V.I., Kil'dishev, V.N. Profile and position of the resonance galvanomagnetic effect curve 8-72242
- Vashkovskii, A.V. Nonlinearity and conditions of existence of a convective instability in a ferrite-semiconductor structure 8-72241
- Vashkovskiy, A.V. *see* Bespyatykh, Yu.I. 8-88158
- Vasholz, D.P. Alternate derivation of the generalized beam pattern 8-51009
- Vashukov, I.A. *see* Basin, A.S. 8-95737
- Vashurin, P.V. *see* Vasil'ev, A.A. 8-50930, 8-50931
- Vasichev, B.N. Localized analysis of microphases and inclusions in thin films 8-85261
- Vasichev, B.N., Kabanov, A.N., Kafafov, A.A. Evolution of electron-optical microprobe instruments 8-70233
- Vasilbev, V.A., Koosh, M., Kosha Komodi, I. A new type of photoinduced luminescence fatigue in glassy semiconductors 8-60520
- Vasil'chenko, A. *see* Nilisk, A. 8-52532
- Vasilchenko, G.S. *see* Krjanin, I.R. 8-68820
- Vasilchenko, G.S. *see* Nabotnov, Yu.N. 8-72869
- Vasil'chenko, I.P. 'Freezing' of deformations when studying thick laminar reinforced plastics by polarization optics method 8-90802
- Vasil'chenko, I.P. *see* Pelekh, B.L. 8-68745, 8-68857
- Vasil'chikov, K.H.P., Kirson, Ya.E., Klotyn'sh, E.E., Kruminya, R.K., Nesaule, V.R., Petrov, V.K. Distribution of charge carrier concentration in GaAs and Ga_{1-x}Al_xAs epitaxial layers 8-52694
- Vasile, M.J. *see* Malm, D.L. 8-51805
- Vasilenko, A.T. On estimation of certain assumptions in the theory of shells 8-83244
- Vasilenko, A.T., Grigorenko, Ya.M., Polishchuk, T.I. Solution of statics problems for unclosed shells of revolution with inhomogeneous boundary conditions 8-89341
- Vasilenko, I.I. *see* Krutsan, A.M. 8-56801
- Vasilenok, L.B. *see* Svetlov, I.L. 8-92282
- Vasil'ev, A.A., Vashurin, P.V., Kompanets, I.N. Tunable spatial filters in optical signal converters 8-50930
- Vasil'ev, A.A., Vashurin, P.V., Kompanets, I.N. Controlled phase transparencies in coherent-optical systems performing Walsh and Hilbert transformations 8-50931
- Vasil'ev, A.F. *see* Ornatskii, A.P. 8-83397
- Vasil'ev, A.M. *see* Bel'kovich, O.I. 8-61815
- Vasil'ev, A.N., Kuz'menko, A.V. Representation of the scattering amplitude by a functional integral and quasiclassical asymptotic behavior in quantum mechanics 8-62325
- Vasil'ev, A.P., Grechko, L.V., Kinyapin, Yu.A., Breslav, Yu.A. Linear positive silver halide emulsions. II. Emulsions with inner electron acceptor centres. Characteristics of the crystallisation nucleus and the shell of emulsion microcrystals 8-49930
- Vasil'ev, A.V. *see* Akhmetov, V.D. 8-71764
- Vasil'ev, B.V. Inclined 90° walls in single-crystal iron films less than 1000 Å thick 8-72384
- Vasil'ev, B.V., Kolycheva, E.V. On experimental check-up of the principle of equivalence 8-77795
- Vasilev, E.A., Gelyasin, A.E. Magnetic properties of the Mn_{1-x}Sb_{1-x}Sn system 8-64200
- Vasil'ev, E.V., Mardin, V.V., Mikhailenko, V.D. Normalization of metrological characteristics of technical thermometers 8-77908
- Vasil'ev, E.V. *see* Stebakov, V.M. 8-57938
- Vasil'ev, G.A. Spatial field of a quadrupole lens: an analytical approach 8-55292
- Vasil'ev, G.G., Mel'nikova, S.V., Malakhovskii, A.V., Anistratov, A.T. Structural phase transition in a RbMnCl₃ crystal 8-91442
- Vasilev, G.P., Katsnel'son, A.A., Silonov, V.M. Correlation between activity coefficients and short-range order parameters in alloys 8-56614
- Vasilev, G.P. *see* Silonov, V.M. 8-63696
- Vasil'ev, I.A. *see* Aleksandrov, A.B. 8-95927
- Vasil'ev, L.L. *see* Bobrova, G.I. 8-59474
- Vasil'ev, M.A., Kosyachkov, A.A., Trofimova, L.N., Cherepin, V.T., Chuistov, K.V. Investigation of the decomposition of supersaturated solid solutions aluminium-lithium by the method of secondary ion-ion emission 8-68696
- Vasil'ev, M.A., Krasnyuk, A.D., Cherepin, V.T. MI-1305 mass spectrometer with an ion probe and an energy analyzer for studying solids 8-74097
- Vasil'ev, S.A., Pavlov, V.I., Simonov, V.D. Optimal conditions for shutting down a reactor for a given shutdown time 8-86642
- Vasilev, V., Uzunov, D., Uzunova, T. Effective diffusion length in lateral photoeffect in semiconductors 8-56212
- Vasil'ev, V.A. *see* Shershov, V.I. 8-85353
- Vasil'ev, V.F. *see* Anisimov, A.M. 8-94359
- Vasil'ev, V.M. A magneto inductive pickup for Barkhausen noise measurement 8-65945
- Vasil'ev, V.P. *see* Savost'yanenko, N.A. 8-90403
- Vasil'ev, V.V., Furman, E.G. Pulsed power supply system to betatron electromagnet 8-82546
- Vasil'ev, V.V., Gavrilov, V.A., Zabelina, I.A. The effect of the parameters of a measuring mark on the visibility of stars in an optical instrument 8-61736
- Vasil'ev, Yu.A. Interpretation of data of cross sounding by MRW 8-92796
- Vasil'ev, Yu.V., Ryutov, D.D. High-energy part of ion distribution function in a multiple mirror magnetic trap 8-83596
- Vasileva, D.K. *see* Nadoliisky, M.M. 8-84517
- Vasil'eva, I.G. *see* Potapova, O.G. 8-87656
- Vasil'eva, L.A. *see* Toftenets, R.L. 8-60677
- Vasil'eva, R.P., Arkhipov, Yu.N., Narkulov, N., Fadin, V.P. Relation of kinetic phenomena to ordering processes and electron structure in alloys of type Ni₃(FeMe) 8-76043
- Vasileva, R.P., Puzei, I.M., Akgaev, A. Kinetic phenomena and Invar features of iron-nickel alloys 8-51973
- Vasil'eva, R.V., Erofeev, A.V., Shingarkina, V.A. Stability of nonequilibrium plasma 8-75283
- Vasilevskii, M.A. *see* Roife, I.M. 8-87476
- Vasilevskis, S. *see* Jeffers, H.M. 8-57581
- Vasiliev, L.L., Abramenko, A.N., Konev, S.V. Heat transfer of a liquid boiling and evaporating on a capillary and porous surface 8-94526
- Vasilev, M.A. *see* Fradkin, K.S. 8-81911
- Vasilieva, I.A. *see* Asvadurov, E.D. 8-67503
- Vasilii, V. *see* Ciura, A.I. 8-50752
- Vasil'kov, V.M. *see* Bratashevskii, Yu.A. 8-72116
- Vasil'kova, I.B. *see* Bordonskii, G.S. 8-69353
- Vasil'kovskii, V.A. *see* Belov, K.P. 8-88199
- Vasil'yev, A.F. *see* Ornatskii, A.P. 8-81043
- Vasil'yev, B.A. *see* Yeseppina, N.A. 8-96395
- Vasil'yev, L.L., Konev, S.V. Investigation of gas-controlled cryogenic heat pipes 8-75034
- Vasil'yeva, L.M. *see* Akhunov, N.Kh. 8-90673
- Vasin, L.N. Modeling the mechanism for the formation of microcracks during the grinding of the monolithic component glasses and rigid sintered fiber-optic elements (FOEs) 8-87175
- Vas'ko, F.T. Nonequilibrium optical phonons generated by electrons in a laser radiation field 8-71802
- Vasko, F.T. *see* Dykman, I.M. 8-84222
- Vas'kova, V.I., Viktorov, I.A., Kaekina, T.M., Maksimov, V.F., Pyatakov, P.A., Talashev, A.A. Observation of transverse surface waves on a cylindrical cadmium sulfide crystal 8-84042
- Vasnderan, R. *see* Bellman, R. 8-57871
- Vasofsky, R., Czanderna, A.W. Mass artifacts using a Cahn-RG microbalance in water vapor 8-65909
- Vasquez, A. *see* Rasera, R.L. 8-76364
- Vass, D.G. *see* Feather, N. 8-82398
- Vass, H. *see* Taylor, W. 8-92079
- Vass, P.A. *see* Van Genderen, J.L. 8-77372
- Vass, S. Properties of stochastic processes describing inhomogeneous chemical kinetics and other reactive collision phenomena 8-60991
- Vass, S. Numerical analysis of statistical functions in reacting, reversible small bimolecular systems 8-64831
- Vassal, J. *see* Sylvain, M. 8-93036
- Vassamillet, L.F. *see* Partin, D.L. 8-72260
- Vassanji, M.G., Klein, A., Dasso, C. Algebraic approach to vibrational collective motion in a model with both collective and noncollective degrees of freedom 8-50072
- Vasserman, N.N. *see* Nemanov, M.S. 8-85081
- Vassiliadis, G. *see* Baland, J.F. 8-93911
- Vassoille, R. *see* Mai, C. 8-87677
- Vassos, B.H., Martinez, G. Computer interfaceable potentiostat 8-57976
- Vastellani, V. *see* Buonanno, R. 8-69849
- Vastola, F.J. *see* Tremblay, G. 8-56032
- Vasu, K.I. *see* Kishore 8-51544
- Vasudeva, R.Y., Bhaskara, R.K. On wave propagation in a micropolar elastic cylinder 8-51111
- Vasudevan, A.K. *see* Petrovic, J.J. 8-72819, 8-72847
- Vasudevan, K., Grein, F. Electron affinity of the HC₂ radical 8-50468
- Vasudevan, R. *see* Jagannathan, R. 8-65867
- Vasudevan, S., Hegde, M.S., Rao, C.N.R. PES studies of semiconductor-metal transitions in metal oxides 8-84144
- Vasvari, B. Electrical resistivity of amorphous transition metals and their alloys 8-60103
- Vasvari, B. Electrical resistivity of amorphous metallic alloys 8-91654
- Vasyaev, V.I. *see* Vereshchagin, I.P. 8-67447
- Vas'yanov, V.D. *see* Alad'ev, I.T. 8-79186
- Vasylyv, V.I. *see* Bryukhanov, A.A. 8-52846
- Vasylyak, Ya.P. *see* Kolobkov, V.P. 8-64415
- Vasyukov, S.V. *see* Grechnev, K.V. 8-53766
- Vatamanyuk, V.I. *see* Pariset, C. 8-84329
- Vate, J.F. Van de *see* Van de Vate, J.F.
- Vateva, E.M., Georgieva, I.I. Connection of optical aging in cadmium sulfide with storage conductivity 8-84247
- Vateva, E.M. *see* Pakeva, S.V. 8-84658
- Vats, H.O. *see* Klobuchar, J.A. 8-69587
- Vatset, P.I. *see* Arkatov, Yu.M. 8-66264
- Vatulev, V.N., Laptii, S.V., Kuzmina, V.A., Kercha, Yu.Yu. Study of the domain structure of segmented poly (ether-amidourethane) by IR-spectroscopy and optical microscopy 8-51453

- Vatutin, I.A.**, Martynenko, O.G., Skutova, I.V. Calculation of pulsatile heat fluxes and rate of temperature fluctuations in turbulent nonisothermal flows of incompressible fluids in a rotating cylindrical pipe 8-83475
- Vatz, B.W.** (editor) Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.128. Effective Utilization of Optics in Radar Systems 8-78939
- Vaucamps, C.** see Gracia, A. 8-80793
- Vaucher, B.G.** see Hoegger, B.A. 8-63582
- Vaucheret, X.** Influence of the noise level in a transonic wind tunnel test section on the aerodynamic characteristics of models 8-71411
- Vauclair, G.**, Vauclair, S., Michaud, G. Abundance anomalies in main-sequence stars: competition between diffusion processes and turbulent motions 8-89198
- Vauclair, G.** see Vauclair, S. 8-93202
- Vauclair, S.**, Vauclair, G., Schatzman, E., Michaud, G. Hydrodynamical instabilities in the envelopes of main-sequence stars: constraints implied by the lithium, beryllium, and boron observations 8-93202
- Vauclair, S.** see Vauclair, G. 8-89198
- Vaudin, M.**, Lagouarde, J.P., Thony, J.L., Hamburger, J., Crausse, P. Determining conduction thermal flux in an unsaturated soil from in situ measurements 8-96331
- Vaucouleurs, G.** de see de Vaucouleurs, G.
- Vaucouleurs, G.** De see De Vaucouleurs, G.
- Vaudrey, S.A.** see Champion, J.V. 8-76933
- Vaughan, A.H.**, Preston, G.W., Wilson, O.C. Flux measurements of Ca II H and K emission 8-73646
- Vaughan, G.J.** see Higham, E.J. 8-58363
- Vaughan, J.M.** see Alldritt, M. 8-61623
- Vaughan, P.A.** see Boggess, A. 8-96382
- Vaughan, P.J.**, Coe, R.S. Geometric flow properties of the germanate analog of forsterite 8-57198
- Vaughan, R.W.** see West, L.C. 8-64284
- Vaughan, W.E.** Conformational dynamics and the rotational isomeric state model 8-90315
- Vaughan-Watkins, R.S.** see Close, K.J. 8-85156
- Vaughn, W.J.** see Radna, R.J. 8-61266
- Vaulin, E.P.** see Alexeev, B.V. 8-71600
- Vautier, C.**, Ranc, G. Thermal evaporation on a cylinder with a locked mask 8-80471
- Vavilina, L.Yu.** see Semestsov, Yu.I. 8-56148
- Vavilonova, V.T.** see Galakhov, F.Ya. 8-88451
- Vavilov, V.P.** Quasistationary temperature distribution in harmonic thermal-flux monitoring 8-51040
- Vavilov, V.P.** Calculation of certain temperature drop parameters when testing with a constant thermal flux 8-51049
- Vavilov, V.P.** The effect of the intensity of heat transfer on the results of one- and two-sided thermal inspection of plates with internal defects 8-88616
- Vavilov, V.P.**, Gorbunov, V.I. Effects of emissivity on temperature data in thermal monitoring 8-60946
- Vavilov, V.P.**, Gorbunov, V.I. Nonstationary temperature distribution over the depth of a plate with an elongated defect in inspection by constant and impulse thermal flow 8-72970
- Vavilov, V.P.**, Gorbunov, V.I., Tanaseichuk, S.Yu., Shiryayev, V.V. Theoretical and experimental rating of the sensitivity of thermal inspection of nonmetallic plates 8-72995
- Vavilov, V.S.** Ion implantation into diamond 8-87698
- Vavilov, V.S.**, Ermakov, O.N., Ignatkina, R.S., Sushkov, V.P., Chukichev, M.V. Cathodoluminescence of epitaxial films of $\text{In}_{x-1}\text{Ga}_x\text{P}$ solid solutions ($0.7 \leq x \leq 1.0$) 8-72613
- Vavilov, Yu.V.** see Andryushin, A.I. 8-63887
- Vavra, F.** Universal Laue camera using air pressure differences for film adhesion 8-71629
- Vavra, I.** see Buch, J. 8-76683
- Vavra, J.** see Bugg, D.V. 8-70396
- Vavra, J.** see Waters, G. 8-82599
- Vavruk, A.T.**, Kisel'nik, V.V., Makogon, B.P. A device for determining the density and acoustic parameters of liquids in wide intervals of temperature and pressure 8-49799
- Vawter, R.** Physics of the game of racetrack [for teachers] 8-62022
- Vayaki, A.** see Michaelidou, C. 8-93904
- Vayaki, A.** see Rohringer, H. 8-74277
- Vayrynen, J.**, Aksela, S., Aksela, H. Solid state effects in the Auger electron spectra of magnesium, zinc and cadmium 8-52603
- Vaz, L.C.** see Jean, Y.C. 8-80774
- Vaz, N.P.** see Martins, A.F. 8-95136
- Vazeille, F.** see Badelek, B. 8-90011
- Vazhentsev, Yu.G.**, Sedokov, L.M. Strength and plasticity of some brittle materials under hydrostatic pressure 8-56694
- Vazherkin, V.A.** see Belyi, V.V. 8-73569
- Vazina, A.A.**, Gadzhiev, A.M., Matyushin, A.M., Fel'dman, I.G., Khabakhpashev, A.G., Khlestov, V.B., Sheromov, M.A. Use of single-coordinate proportional chambers in the method of low angular scatter of synchrotron radiation in solutions of biopolymers 8-65155
- Vazinger, V.V.** see Karasev, E.K. 8-79356
- Vazirani, H.N.** see Schonhorn, H. 8-74986
- Vazquez, G.J.**, Gouyet, J.F. SCF CI calculations on HCN excited states 8-78645
- Vazquez, L.** Charges in a classical nonlinear scalar field 8-54208
- Vazquez, L.** see Garcia, L. 8-81865
- Vazquez, L.** see Strauss, W. 8-89352
- Vazquez Polo, G.**, Ruiz Mejia, C. K band in KCl: Na and KCl:Li crystals 8-76016
- v.d. Brand, M.** see Brower, R.W. 8-85449
- Vdovin, Yu.A.**, Ermachenko, V.M., Kononov, I.P., Protchenko, E.D. Determination of the relaxation constants of a common level in resonance interaction of opposite waves with a three-level system 8-50511
- Veal, B.W.**, Lam, D.J. XPS study of LaCoO_3 8-68599
- Veazey, D.R.** see Merrill, M.D. 8-69466
- Veazey, S.D.** see Guenault, A.M. 8-54119
- Vecchia, P.** see Etendiev, Sh.M. 8-72552
- Vecchia, P.** Di see Di Vecchia, P.
- Vecchio, D.** del see del Vecchio, D.
- Vecchio, G.** Lo see Lo Vecchio, G.
- Vecchiocattivi, F.** see Brunetti, B. 8-58768
- Vecer, B.** Geological investigations with a soil-resistance meter 8-57361
- Vecher, A.A.** see Tolochko, S.P. 8-60637
- Vechernin, V.V.** see Braun, M.A. 8-54766, 8-74265
- Vechkhaizer, G.V.** see Abdullaev, G.B. 8-87946
- Vechten, D.** Van see Van Vechten, D.
- Vechten, J.A.** Van see Van Vechten, J.A.
- Vedli, A.** see Bucci, C. 8-74679
- Vedam, K.**, Stoudt, M.D. Retroreflection from spherical glass beads in highway pavement markings. II. Diffuse reflection (a first approximation calculation) 8-74838
- Vedam, K.** see Stoudt, M.D. 8-74837
- Vedder, J.F.** see Tyson, B.J. 8-81281
- Vedder, M.** see Andersen, N. 8-82812
- Vedel, J.** Chemical reactions in molten salts: importance of acidity 8-73039
- Vedel, J.**, Soubeyrand, M., Cowache, P., Leduc, G. Spray preparation of cuprous sulfide layers 8-64471
- Vedenev, O.V.** see Atrashkevich, V.B. 8-93061
- Vedenev, S.I.**, Motulevich, G.P. High-frequency properties of superconducting weak couplings 8-68122
- Vedenov, M.A.**, Drozhzhina, V.I. Measuring coercive force with a superimposed sensor 8-88612
- Vedernikov, M.V.**, Burkov, A.T., Dvunitkin, V.G., Kolomoets, N.V. The modern state of the experimental study of thermoelectric properties of metals and metallic binary continuous solid solutions at high temperatures 8-91676
- Vedernikov, M.V.** see Dvunitkin, V.G. 8-60110
- Vedlin, B.**, Trost, S., Knezevic, M., Zakelj, J., Brajnik, C. Laser Q switches 8-63138
- Vedrenne, G.** see Alberne, F. 8-93107
- Vedrine, J.C.** see Giamello, E. 8-64271
- Vedrinskii, R.V.**, Kraizman, V.L. Theory of X-ray absorption spectra for central atoms in highly symmetric molecules and complexes 8-50559
- Vedrinskii, R.V.** see Pavlov, A.M. 8-50451
- Vedrinskii, R.V.** see Pavlov, A.N. 8-50450
- Vedula, Yu.S.**, Gonchar, V.V., Naumovets, A.G., Fedorus, A.G. Influence of the electron structure of the substrate on the properties of metal film systems 8-60032
- Vedula, Yu.S.**, Loburets, A.T., Naumovets, A.G. Manifestation of phase states of submonolayer film in surface diffusion of barium at (011) face of molybdenum 8-91539
- Vedyayev, A.V.** Coherent potential method in the theory of disordered alloys 8-63964
- Vedyayev, A.V.**, Granovskii, A.B., Kondorskii, E.I., Kotel'nikova, O.A. Theory of the transport phenomena in disordered alloys in the coherent potential approximation 8-87958
- Veeder, G.J.**, Matson, D.L., Smith, J.C. Visual and infrared photometry of asteroids 8-69725
- Veeder, J.** Thorium fuel cycles in CANDU 8-86661
- Veeder, J.A.R.** see McCormick, N.J. 8-57872
- Veeckind, A.** see Borghi, C.A. 8-91166
- Veel, H.H.**, Burnett, W.C. Uranium-series dating of insular phosphorite from Ebon atoll, Micronesia 8-81121
- Veeman, W.S.** see van Dongen Torman, J. 8-60342
- Veen, A.** van see Van Veen, A.
- Veen, A.** Van see Van Veen, A.
- Veen, G.** Van see Van Veen, G.
- Veen, J.** van der see van der Veen, J.
- Veen, N.J.A.** Van see Van Veen, N.J.A.
- Veenkant, R.L.** Display and interpretation of a time-spread underwater acoustic channel's bandlimited impulse response 8-66983
- Veerabhadra Rao, K.**, Narasimhamurthy, T.S. Linear electro-optic dispersion in KDP 8-60425
- Veerabhadraiah, R.** see Rudraiah, N. 8-51165
- Veeraraghavan, V.G.** see Harrison, H.R. 8-84791
- Veese, L.R.**, Solem, J.C. Studies of laser-driven shock waves in aluminum 8-59857
- Vega, H.J.** De see De Vega, H.J.
- Vega, S.** Nuclear quadrupole resonance spectroscopy in solids 8-72432
- Vega, S.** Fictitious spin 1/2 operator formalism for multiple quantum NMR 8-76319
- Vega, S.** see Pines, A. 8-76353, 8-88227
- Vega L., R.** de la see de la Vega L., R.
- Vegh, E.** see Peter, J. 8-86679
- Vegh, J.**, Berenyi, D., Koltay, E., Kiss, I., Seif El-Nasr, S., Sarkadi, L. Concentration profile determination of PIXE analysis utilizing the variation of beam energy 8-76965
- Vegh, L.** see Lonnroth, T. 8-82368
- Vegh, L.** see Uray, I. 8-70453
- Vegni, G.** see Pernegr, J. 8-50047
- Vegt, C.** de see de Vegt, C.
- Vegt, Chr.** de see de Vegt, Chr.
- Vegt, G.B.** see Nijweide, P.J. 8-65089
- Vegt, J.W.** see van der Burgt, C.M. 8-60397
- Vegte, J.** Van de see Van de Vegte, J.
- Vegvar, P.** De see De Vegvar, P.
- Vehoff, H.** see Neumann, P. 8-64703
- Veidl, B.** see Hiemer, H. 8-89939
- Veigel, M.O.** see Aben, Kh.K. 8-77964
- Veil, K.D.** Digital data store for radio monitoring of patients 8-80998
- Veillet, P.** see Grover, A.K. 8-76320
- Veillet, P.** see Le Dang Khoi 8-84496, 8-88222
- Veinald, Ya.Y.** see Orlov, R.V. 8-77979
- Veinberg, V.B.**, Lavrinovich, B.M. Optical communication lines with hollow dielectric optical waveguides 8-83109
- Veirs, D.K.** see Bernheim, R.A. 8-86882
- Veis, S.**, Dindosova, D., Skalny, J. Estimation of the critical density of the positive corona discharge between concentric cylinders in air 8-67595
- Veis, S.** see Blecha, J. 8-61010
- Veis, S.** see Kosinar, I. 8-67493
- Veis, S.** see Sipocz, T. 8-67594
- Veis, S.** see Skalny, J. 8-91168
- Veit, P.** see Niederhoff, L. 8-64589
- Veitch, A.R.** see Eason, G. 8-77099
- Veitch, R.J.**, Stephenson, A. The behaviour of ultrasonic samples containing magnetized inclusions 8-56314
- Veith, G.**, Schmidt, A.J. An inexpensive TEA N_2 laser as a pump for a dye laser amplifier system 8-82984
- Veith, G.** see Winter, E. 8-50792
- Veits, B.N.** see Grigalis, V.Ya. 8-56582
- Veitsman, A.I.**, Grashina, N.A., Krzhanovskaya, N.P. Formation of structurally sharp characteristics of a colour image 8-49933
- Veitsman, E.V.** Irreversible thermodynamics of interface processes 8-51800
- Veitsman, M.G.** see Roikh, I.L. 8-56804
- Vejbor, P.** see Keprt, J. 8-90399
- Vekhov, A.A.** see Nussinov, M.D. 8-85698
- Vekilov, Yu.Kh.** see Al'tshuler, A.M. 8-51886, 8-60047, 8-87746
- Veklenko, B.A.** Distribution functions and Green's functions 8-65890
- Veklenko, B.A.** Spectral distributions and subsystem density matrix 8-65891
- Veklenko, B.A.**, Lebedev, A.K. Phase relations in quantum optics, and the structure of bremsstrahlung 8-74870
- Vekovichcheva, I.A.** Simple cases of flexure of thin piezoelectric plates 8-52444
- Vekshin, N.V.** see Bukasev, Yu.A. 8-56860
- Vekshstein, G.E.** Dimensional estimates of the cooling time of a plasma with $\beta \gg 1$ 8-83525
- Veksler, L.S.** see Burshtein, A.I. 8-87602
- Veksler, N.D.** Diffraction of an acoustic pulse by a fluid-filled cylindrical shell 8-90559
- Veksler, V.I.** see Avakov, A.S. 8-68595
- Velarde, G.**, Ahnert, C., Aragones, J.M. Analysis of the eigenvalue equations in k , λ , γ , and α applied to some fast- and thermal-neutron systems 8-50231
- Velarde, M.G.** see Castillo, J.L. 8-75860
- Velarde, M.G.** see Guyon, E. 8-75538
- Velarde, M.G.** see Hemmer, P.C. 8-88700
- Velarde, M.G.** see Moline, E. 8-70064
- Velasco, C.** Ruiz De see Ruiz De Velasco, C.
- Velasco, G.** see Kaplan, D. 8-91555
- Velasco, S.** see Hardisson, A. 8-62850
- Velazco, J.E.** see Tellinghuisen, P.C. 8-70844
- Velchev, N.B.**, Kovachev, V.T. Quantum galvanomagnetic effects in gate controlled silicon surface doped channels 8-64134
- Velchev, N.B.** see Kasabov, I.D. 8-91730
- Velculescu, V.G.** see Draganescu, V. 8-63148
- Velculescu, V.G.** see Karim, A. 8-63808

- Velde, J.C. Vander *see* Vander Velde, J.C.
 Velde, M. van der *see* van der Velde, M.
 Velde, W.E. Vander *see* Vander Velde, W.E.
 Velde-Wilquet, C. Vander *see* Vander Velde-Wilquet, C.
 Velde-Wilquet, C. Van Der *see* Van Der Velde-Wilquet, C.
 Velden, L. *see* Hirth, W. 8-81572
 Veldhuis, J., Blok, H. Reflection and refraction of electromagnetic waves by the plane boundary of a non-linear medium: application of the simple-wave theory 8-78866
 Veldpaus, F. *see* Hamer, A. 8-80893
 Velds, C.A. Air pollution by continuous point sources. IX.3. The national model 8-61546
 Velez, C.E., Hilinski, S. Time transformations and Cowell's method 8-77466
 Velicescu, M. *see* Kneller, E. 8-52216
 Velichko, V.I. *see* Sukomel, A.S. 8-83481
 Velichko, V.N. *see* Smolyakov, B.S. 8-56932
 Velichko, Yu.I., Kalinin, B.D., Mezhevich, A.N., Plotnikov, R.I., Revenko, A.G. Investigation of the dependence of theoretical correction parameters on chemical composition of samples in X-ray spectral analysis of steels 8-61108
 Velichko, Yu.I. *see* Pavlinskii, G.V. 8-61107
 Velicky, B. *see* Chab, V. 8-64052
 Veliev, E.I., Shestopalov, V.P. Wave diffraction on a circular cylinder with a longitudinal slot: long-wave approximation for the slot with arbitrary dimensions 8-90345
 Velikanova, T.Ya. *see* Eremenko, V.N. 8-68674
 Velikaya, R.R. *see* Krasnikova, L.I. 8-69044, 8-80871
 Velikovich, A.L., Liberman, M.A. Escape of shock wave front near metallic surface and mechanism for failure of current envelope in noncylindrical Z-pinch 8-55741
 Velikovich, A.L., Liberman, M.A. Ionizing shock waves in a transverse magnetic field 8-59597
 Velikovich, A.L. *see* Liberman, M.A. 8-75343
 Velizhanina, K.A., Yastrebov, V.V. Small-chamber method applied to investigations of sound-absorbing systems at high sound pressure levels 8-94497
 Velsen, J.F.C. Van *see* Van Velsen, J.F.C.
 Velte, W. Concerning the regularizing KS-transformation 8-93086
 Velter-Stefanescu, M., Grosescu, R. The electron spin-lattice relaxation at low temperature in irradiated polycarbonate 8-68382
 Veltrusky, I. Effects of covalency on magnetic properties of tetrahedral V^{4+} ion in garnets 8-64010
 Velzel, C.H.F. Aberration balancing for grating mountings with large aberrations 8-66906
 Velzel, C.H.F. Nonlinear processing of the interferogram in Fourier spectroscopy 8-89553
 Vemula, N. Rao *see* Rao Vemula, N.
 Ven, T.G.M. van de *see* van de Ven, T.G.M.
 Ven-Chung Lee, How-Sen Wong Intrinsic surface states of MgO (100) and (110) surfaces 8-91740
 Venable, W.H., Jr., Hsia, J.J., Weidner, V.R. Establishing a scale of directional-hemispherical reflectance factor. I. The Van den Akker method 8-77967
 Venables, J.A. Kinetic studies of nucleation and growth at surfaces 8-72046
 Venables, J.A., Harland, C.J., Janssen, A.P. RHEED and THEED patterns and dark-field microscopy in a UHV SEM 8-83699
 Venables, J.A. *see* Hartig, K. 8-63956
 Venables, J.A. *see* Schabes-Retchkiman, P.S. 8-84075
 Venaglion, A. *see* Bendiscioli, G. 8-94002
 Venart, J.E.S. *see* Saito, A. 8-94889
 Vencel, L. *see* Polak, M. 8-56273
 Vendhan, C.P., Archer, R.R. Axisymmetric stresses in transversely isotropic finite cylinders 8-51074
 Vendik, I.B., Pogosyan, A.S., Sitnikova, M.F. Heating of the electron gas in bismuth at low temperatures 8-60133
 Vendrova, R.N. *see* Karimov, K.A. 8-96333
 Venudhar, Y.C. *see* Ranga Prasad, T. 8-79767
 Venediktov, P.S. *see* Shinkarev, V.P. 8-53314
 Vener, B., Klainshtyuk, K., Moras, K. Improving model for calculating intensity of X-ray fluorescence in the region of wavelengths up to 3 Å 8-56934
 Venetsev, Yu.N. *see* Belous, A.G. 8-60406
 Venetsev, Yu.N. *see* Bush, A.A. 8-71716
 Venetsev, Yu.N. *see* Gagulin, V.V. 8-76397
 Venetsev, Yu.N. *see* Galyamov, B.Sh. 8-59803, 8-91735
 Venetsev, Yu.N. *see* Ivanova, L.A. 8-72476
 Venetsev, Yu.N. *see* Stefanovich, S.Yu. 8-74947
 Venezia, F.P. *see* Fleissner, J.G. 8-66307
 Veneziano, G. *see* Amati, D. 8-82101
 Veneziano, G. *see* Konishi, K. 8-89680
 Venger, E.F., Pasechnik, Yu.A., Snitko, O.V., Strizhevskii, S.V. Surface electromagnetic waves in the three-ply system with space heterogeneity 8-55288
 Venghaus, H. Excitation intensity dependence of shallow donor bound exciton luminescence in n-GaAs 8-52554
 Venghaus, H. Valence band parameters of cubic zinc selenide derived from magnetorefectance of the $\Gamma_6-\Gamma_8$ exciton 8-60056
 Venghaus, H., Dean, P.J., Simmonds, P.E., Pfister, J.C. Excited donor and acceptor states in zinc telluride 8-72604
 Venghaus, H. *see* Dean, P.J. 8-60504
 Venghaus, H. *see* Herbert, D.C. 8-92111
 Vengrinovich, V.L., Likhvich, A.A., Novikov, S.A., Savitskii, A.A. Effect of shape and material of pole pieces on field uniformity in magnets 8-86309
 Vengris, S. *see* Juska, G. 8-87985
 Vengurlekar, A.S. *see* Gangal, A.D. 8-93907
 Venikouas, G.E., Powell, R.C. Laser site-selection spectroscopy investigation of Eu^{3+} ions in YVO_4 crystals 8-68556
 Venikov, N.I. *see* Buzulukov, Yu.P. 8-82547
 Venkata Ramaniah, K., Bhuloka Reddy, S., Venkata Reddy, K. M1-E2 mixing ratio and the nuclear structure parameter for the 161 keV transition in ^{133}Cs 8-74332
 Venkata Ramaniah, K., Bhuloka Reddy, S., Venkata Reddy, K. Spectral shape of the K-forbidden beta transition of ^{152}Eu 8-74335
 Venkata Ramaniah, K., Venkata Reddy, K. Shape of the 1404 keV beta transition of ^{143}Ce 8-74339
 Venkata Reddy, K. *see* Venkata Ramaniah, K. 8-74332, 8-74335, 8-74339
 Venkataramaiah, P., Sanjeeviah, H., Sanjeevaiah, B. Energy dependence of the relative halfwidth of gamma-ray lines in NaI(Tl) crystals—a laboratory experiment 8-49600
 Venkataraman, R. *see* Panchapakesan, N. 8-94029
 Venkataramanan, B. *see* Lakshmanan, M. 8-77702
 Venkataramani, K.S., Chevray, R. Statistical features of heat transfer in grid-generated turbulence: constant-gradient case 8-59393
 Venkataramani, S. *see* Biggers, J.V. 8-84749
 Venkatasubramanian, N.K. *see* Reddy, G.V.K. 8-51083
 Venkatavaradan, V.S. *see* Biswas, S. 8-69632
 Venkatesan, D. *see* Agrawal, S.P. 8-89019
 Venkatesan, T. *see* Passner, A. 8-94400
 Venkatesan, T.N.C., Golovchenko, J.A., Poate, J.M., Cowan, P., Celler, G.K. Dose dependence in the laser annealing of arsenic-implanted silicon 8-91354
 Venkatesan, T.N.C. *see* Austin, D.H. 8-92086
 Venkatesh, A.H. *see* Rao, K.R. 8-59897
 Venkatesh, E. *see* Murr, L.E. 8-51555
 Venkatesh, K. Symmetries of the 6j coefficient 8-86423
 Venkatesh, K. *see* Srinivasa Rao, K. 8-89359
 Venkatesh, S., Danard, M.B. A model for computing small-scale wind variations over a water surface 8-61480
 Venkateswara Rao, M. *see* Bapu Rao, M.N. 8-83297
 Venkateswara Rao, A., Bhanumathi, A. Dielectric dispersion in 2,3-butanediol 8-72455
 Venkateswara Rao, A. *see* Patel, A.R. 8-72711
 Venkateswara Rao, V. *see* Reddy, G.R. 8-74054
 Venkateswara Sarma, K. *see* Paul, H.S. 8-52442, 8-92026
 Venkatesware Rao, G., Kanaka Raju, K. Large amplitude vibrations of beams with elastically restrained ends 8-90747
 Venkateswarlu, C. *see* Padmanabhan, P.K. 8-86962
 Venkateswarlu, P. *see* Dayal, R. 8-91935
 Venkateswarlu, P. *see* Jain, V.K. 8-72396, 8-79628
 Venkateswarlu, P. *see* Kaushik, V.K. 8-58650, 8-74644
 Venkateswarlu, P. *see* Sivaram, A. 8-56514
 Venkatram, A., Viskanta, R. Radiative effects of elevated pollutant layers 8-65382
 Venkatram, A., Viskanta, R. Effects of aerosol-induced heating on the convective boundary layer 8-69409
 Venkster, S.A., Kozlov, S.N. Effects of field treatments in active media on the hole mobility in an inversion channel 8-91774
 Venma, V.P. *see* Niwas, R. 8-52428
 Venn, J.B. SABRE: A system for the assessment of body radioactivity. II. Main features of SABRE 3 8-85425
 Vennereau, P. *see* Lemasson, P. 8-61016
 Vennik, J. *see* De Brouckere, L. 8-56053
 Vennik, J. *see* Hoogewijs, R. 8-90334
 Vennik, Ya. *see* Laud, L. 8-69813
 Vennink, R., Ratynski, W., Kopecky, J. Circular polarization of neutron capture γ -rays from Ca, Ti, Fe and Ni 8-62533
 Vennink, R. *see* Glaudemans, P.W.M. 8-78254
 Venos, D. *see* Adam, J. 8-74377
 Venskytis, F.J. *see* McGruer, J.N. 8-71719
 Venter, R.D. *see* Tomlinson, P.N. 8-92416
 Ventevogel, W.J. On the configuration of a one-dimensional system of interacting particles with minimum potential energy per particle 8-70084
 Vento, V. *see* Sesma, J. 8-62098
 Ventrice, C.A. Electron density distribution in a conical laser plasma tube 8-58981
 Ventriglia, F. Propagation of excitation in a model of neural system 8-96044
 Ventry, I.M., Dirks, D.D., Kamm, C. Comment on comfortable loudness levels for pure tones and speech 8-65050
 Ventura, D.A., Nikelly, J.G. Pulse dampening system for high pressure liquid chromatography 8-92540
 Ventura, G. *see* Del Giallo, F. 8-93724
 Ventura, I., Marques, G.C. Semiclassical quantization of a field theoretic model in any number of spatial dimensions 8-49708
 Ventura, I. *see* Marques, G.C. 8-54211
 Ventura, L. *see* Heller, M. 8-70689
 Venturello, G. *see* Fubini, B. 8-60028
 Venturello, G. *see* Lucci, A. 8-52836
 Venturi, G. *see* Righi, R. 8-49682
 Venturini, E.L. Effects of dilute Pt on the Gd^{3+} ESR lineshape in $\text{ScH}_{1.9}$ 8-68371
 Venudhar, Y.C., Iyengar, L., Krishna Rao, K.V. X-ray determination of the effect of temperature on the lattice parameters and the coefficients of thermal expansion of palladium-silver-gold alloys 8-51473
 Venudhar, Y.C., Iyengar, L., Krishna Rao, K.V. Temperature dependence of the lattice parameter and the thermal expansion of Ag-Au (50 at.%) alloy by an X-ray method 8-91456
 Venugopal, V.R. *see* Sanamian, V.A. 8-93245
 Venus, W. *see* Erriquez, O. 8-78170
 Venzel, V.I. Servosystem of a compensation densitometer 8-89525
 Venzke, D. Studies of a constricted noble gas column at medium pressures. II. Measurement results in Ar 8-83627
 Venzke, H.-J. *see* Strumke, M. 8-71386
 Venzl, G., Fischer, S.F. Detailed product energy distributions for exothermic triatomic exchange reactions from a statistical dynamic model 8-92455
 Vepriatsev, B.N., Shnol, S.E. Outline of the history of biophysics in our country 8-93506
 Vera Ruiz, H. *see* Chou, C.C. 8-53703
 Vera Ruiz, H.G., Rowland, F.S. Possible scavenging reactions of C_2H_2 and C_2H_4 for phosphorus-containing radicals in the Jovian atmosphere 8-81582
 Veracini, C.A. *see* Chidichimo, G. 8-58719
 Verba, J.W. *see* Taylor, A. 8-85388
 Verbaere, A. *see* Ganne, M. 8-52741
 Verbaere, A. *see* Jouini, N. 8-95031
 Verbeek, B.H., Mydosh, J.A. Spin glass freezing above the ferromagnetic percolation limit in AuFe alloys 8-52264
 Verbeek, B.H. *see* Nieuwenhuys, G.J. 8-88131
 Verbeek, H. *see* Eckstein, W. 8-95640
 Verbeek, P., Tobbe, H., Hoppe, N., Steinmetz, B. Liquid-metal fast breeder reactor fuel rod performance and modeling at high burnup 8-58336
 Verbeek, P.J.F., Dicker, A.I.M., Schmidt, J. Spin-lattice relaxation processes in photo-excited triplet states through a rotation of the spin axes on thermal excitation 8-76294
 Verbeek, P.W., Bastiaans, O.L. Search-free structure extraction applied to M-mode echocardiograms and chromosome images 8-81025
 Verbeek, P.W. *see* Bayer, A.L. 8-85434
 Verbeek, T.R. *see* Luitjens, S.B. 8-87854
 Verber, C.M. *see* Garmire, E. 8-79145
 Verberne, J., Ozier, I., Zandee, L., Reuss, J. Molecular beam magnetic resonance study of intra- and intermolecular effects in H_2 in high rotational states 8-70852
 Verbeure, A. *see* Demoen, B. 8-49716, 8-93595
 Verbeure, F. *see* Granet, P. 8-93913
 Verbin, S.Yu., Permogorov, S.A., Reznitskii, A.N., Starukhin, A.N. Change in the mechanism of the exciton-phonon interaction in ZnO crystals with defects 8-71804
 Verbist, J.J. *see* Pireaux, J.J. 8-52630
 Verbist, J.J. *see* Riga, J. 8-52631, 8-52632
 Verbitsky, S.S. Fast neutron spectrometer with pulse shape discrimination 8-55084
 Verbie, J.L., Gallego-Lluesma, E., Porto, S.P.S. First-order $A_1(\text{TO})$ phonons as evidence of disorder in BaTiO_3 8-56478
 Verboom, G.M.L., Meisels, G.G. Angular momentum distributions in collision processes and the location of the transition state in ion-molecule reactions 8-64808
 Verbovetskii, A.A., Fedorov, V.B. Effect of shrinkage of the recording medium on the aberrations of binary-information images reconstructed from a hologram stack 8-78967

- Verbovetskii, A.A.**, Vakhtanova, L.P., Gruz, E.A., Bogomolov, K.S. Parameters of bleached holograms with binary data under physical development 8-50735
- Verbruggen, H.B.** *see* Van Nauta Lemke, H.R. (editor) 8-49808
- Verdeyen, J.T.**, Johnson, G.B., Kaye, R.J. Extraction of an intense neutralized ion beam from a quiescent plasma 8-50326
- Verdieck, J.F.** *see* Eckbreth, A.C. 8-88635
- Verdier, R.** *see* Cutts, D. 8-78380, 8-89746
- Verdiev, I.A.** *see* Aliev, G.B. 8-58142
- Verdon, C.P.** *see* McCrory, R.L., Jr. 8-58475
- Verdona, M.** *see* Pia, P. 8-58475
- Verdunch, A.G.** *see* Corral, J.S.M. 8-68677
- Verduin, J.H.** *see* Drop, P.C. 8-75457
- Vere, A.W.** *see* Elliott, C.T. 8-49896
- Vere-Jones, D.** Space time correlations for microearthquakes—a pilot study 8-65184
- Vered, M.** Relations between isoseismic area and magnitude for Italian earthquakes 8-65196
- Vered, M.**, Striem, H.L. A macroseismic study and the implications of structural damage of two recent major earthquakes in the Jordan Rift 8-65190
- Vereikin, V.K.** *see* Borisovskii, S.P. 8-90444
- Veremeenko, S.V.**, Ignatinskii, I.L. Determining the dynamic moduli of elasticity of a thin wire by the method of travelling normal waves 8-53110
- Veremeenko, S.V.** *see* Maizenberg, M.I. 8-56865
- Veremei, V.V.** *see* Minkow, I.M. 8-55296
- Veremeichik, T.F.** *see* Grechushnikov, B.N. 8-68539, 8-72123
- Vereshchagin, A.N.**, Lebedev, N.F. Increasing the effectiveness of centrifuging in modeling bulk forces 8-87314
- Vereshchagin, I.K.**, Seleznev, V.A. The effect of voltage on the rate of aging of electroluminescent phosphors 8-84662
- Vereshchagin, I.P.**, Litvinov, V.E., Vasyaev, V.I. Comparison of methods for calculating the electrical characteristics of the outer region of homopolar corona for systems with plane parallel field 8-67447
- Vereshchagin, L.F.**, Pitaevskaya, L.L., Bilevich, A.V. Molar volume of nitrogen measured by adiabatic compression 8-51267
- Vereshchagin, V.V.** *see* Bolokhov, A.A. 8-78214
- Veress, S.A.**, Hatzopoulos, J.N. A plotting instrument for close-range photogrammetry 8-77137
- Veretennikov, A.I.** *see* Berkovskii, A.G. 8-58032
- Veretennikov, V.A.**, Gribkov, V.A., Dubrovsky, A.V., Isakov, A.I., Kalachev, N.V., Kozlova, T.A., Krokhin, O.N., Nikulin, V.Ya., Semenov, O.G., Sklizkov, G.V. FLORA: possibilities of creation of a pulsed neutron source on the basis of the combined laser-REB plasma heating 8-74527
- Vergados, J.D.** *see* Gounaris, G.J. 8-66269
- Vergano, P.J.** *see* Rapp, C.F. 8-50870
- Vergasova, G.V.**, Zhovty, E.I., Kazimirovsky, E.S. Empirical model for general circulation of the atmosphere at ionospheric levels above 100 km 8-61664
- Vergasova, G.V.**, Zhovtyy, Ye.I., Kazimirovskiy, E.S. Empirical model of general atmospheric circulation at ionospheric levels above 100 km 8-73558
- Vergeest, J.S.** *see* Gavillet, P. 8-70409
- Vergeest, J.S.M.** *see* Gavillet, Ph. 8-89736
- Verges, J.**, Wyart, J.-F. Infrared emission spectrum of lutecium and extended analysis of LuI 8-62747
- Verges, J.** *see* Amiot, C. 8-94244
- Verges, J.** *see* Davis, D.S. 8-62746
- Verges, J.A.**, Yndurain, F. Electron states at steps in transition metal surfaces: A cluster-Bethe lattice approximation 8-52045
- Verges, J.A.**, Yndurain, F., Louis, E. Electron states in transition metals and covalent semiconductor stepped surfaces 8-95327
- Vergheze, K.** *see* Abraham, P.M. 8-51738
- Vergheze, K.** *see* Gardner, R.P. 8-85243
- Vergheze, K.** *see* Kuruvilla, P. 8-85243
- Vergheze Kuruvilla, P.** *see* Kuruvilla, P. 8-85243
- Vergnaud-Grazzini, C.**, Pierre, C., Letolle, R. Palaeoenvironment of the North-East Atlantic during the Cenozoic: oxygen and carbon isotope analyses at DSDP sites 398, 400A and 401 8-96239
- Vergnaud-Grazzini, C.** *see* Cita, M.B. 8-57294
- Vergne, R.** *see* Ferrari, G. 8-95457
- Vergne, R.** *see* Portesail, J.L. 8-95465
- Vergnes, F.** *see* Valentin, G. 8-83465
- Vergnes, M.**, Rotbard, G., Kalifa, J., Berrier, G., Verotte, J., Deschamps, Y., Seltz, R. Study of ^{188}Pt with the $^{190}\text{Pt}(p,t)^{188}\text{Pt}$ reaction 8-86532
- Vergnes, M.** *see* Berrier-Ronsin, G. 8-50089
- Vergnes, M.** *see* Kalifa, J. 8-78265
- Vergnes, M.** *see* Rotbard, G. 8-82279
- Vergobbi, B.** *see* Poirier, J.P. 8-61406
- Vergoten, G.** *see* Huvenne, J.P. 8-84582
- Vergoten, G.** *see* Huvenne, J.-P. 8-88664
- Vergoten, G.** *see* Simova, P. 8-75545
- Verhaar, B.J.**, de Kam, J., Schulte, A.M., Marcellis, F. Simplified description of γ vibrations in permanently deformed nuclei 8-86465
- Verheest, F.** Influence of the Coriolis force on low-frequency waves in rotating plasmas 8-75309
- Verheggen, Th.M.M.**, Broer, L.J.F., Sluijter, F.W. Nonmonochromatic solutions of the spatially inhomogeneous wave equation based on the WKB approximation 8-86179
- Verheul, H.** *see* Bron, J. 8-54719
- Verhoef, W.H.** Measuring torsional vibration 8-57937
- Verhoeven, J.** A vapor collect method applied to the measurement of magnesium diffusion in tungstened nickel 8-75876
- Verhoeven, J.D.**, Finnemore, D.K., Gibson, E.D., Ostenson, J.E., Goodrich, L.F. Superconducting properties of in situ prepared Nb-Cu-Sn alloys 8-76203
- Verhoeven, J.D.**, Gibson, E.D. The monotectic reaction in Cu-Nb alloys 8-68679
- Verhoeven, J.W.** *see* Borkent, J.H. 8-82763
- Verhoff, F.H.** A quadratic programming technique with application to kinetic rate constant determination 8-53185
- Verhoff, F.H.** *see* Ross, S.L. 8-85205
- Verholek, M.G.** *see* Doran, J.C. 8-92916
- Verigin, M.I.**, Gringauz, K.I., Gombosi, T., Breus, T.K., Bezrukikh, V.V., Remizov, A.P., Volkov, G.I. Plasma near Venus from the Venera 9 and 10 wide-angle analyzer data 8-96418
- Verigin, N.N.**, Klykov, V.E., Masharipov, R., Shul'gin, D.F. Dissolving and outwashing of salts from soil and rock 8-77279
- Veringa, H.J.** *see* Van der Klein, C.A.M. 8-49871
- Verizhenko, V.E.** *see* Lisitsyn, B.M. 8-77695
- Verkhoborin, L.F.** *see* Pugachev, M.S. 8-56611
- Verkhoturov, A.D.**, Anfimov, I.S. Distribution of material of electrodes in their working surfaces after electrospray alloying of steel by transition metals from groups IV-VI 8-95849
- Verkhovodov, P.A.** *see* Kislyi, P.S. 8-52745
- Verkhovskaya, K.A.** *see* Fridkin, V.M. 8-72187
- Verkhovtseva, E.T.** *see* Katrunova, E.A. 8-75235
- Verkin, B.I.**, Kirichenko, Yu.A., Kozlov, S.M., Levchenko, N.M. Studies of cryogenic liquid boiling in centrifugal acceleration fields 8-94538
- Verlencar, X.N.**, D'Silva, C. Water quality characteristics at Velsao and Colva beaches of Goa 8-81218
- Verma, A.P.** *see* Mehta, M.N. 8-59470, 8-79373
- Verma, B.G.**, Singh, K.K. Propagation of a magnetogasdynamic shock wave at the boundary of a conducting gas 8-79383
- Verma, B.G.**, Srivastava, R.C. Artificial mechanism of heat conduction for the discussion of magnetogasdynamic shocks 8-67271
- Verma, B.G.**, Srivastava, R.C. Propagation and growth of magnetogasdynamic shock waves in inhomogeneous fluids 8-67272
- Verma, B.K.** *see* Pratap, V. 8-68044
- Verma, B.M.** *see* Chaudhuri, K.D. 8-52155
- Verma, H.R.**, Sharma, A.K., Nirmal Singh, Trehan, P.N. The level structure of Tm^{169} 8-82307
- Verma, J.S.** *see* Sharma, D.R. 8-67366
- Verma, J.S.** *see* Sharma, S.C. 8-67357, 8-75347, 8-75361
- Verma, J.S.** *see* Tyagi, G.S. 8-55717
- Verma, M.P.** *see* Garg, V.K. 8-63799
- Verma, N.K.** *see* Nayyar, V.P. 8-78918
- Verma, P.D.**, Mathur, A.K. Magnetohydrodynamic flow between two disks—one rotating and the other at rest 8-63502
- Verma, P.K.** Raman and infrared spectra of m-fluoroaniline 8-58699
- Verma, P.K.** *see* Ansari, A.K. 8-62797
- Verma, R.D.** *see* Chandra, B.P. 8-64420
- Verma, R.D.** *see* Ghosh, S.N. 8-90184
- Verma, R.L.** Elastic-viscous boundary-layer flow on the surface of a sphere 8-63460
- Verma, S.B.**, Rosenberg, N.J., Blad, B.L. Turbulent exchange coefficients for sensible heat and water vapor under advective conditions 8-92907
- Verma, S.D.** Energy spectra of splash and re-entrant albedo electrons of cosmic radiations 8-69630
- Verma, S.K.** *see* Asten, M.W. 8-77349
- Verma, S.L.**, Allawadhi, K.L., Sood, B.S. Determination of integral K-shell Compton scattering cross-sections in elements $41 \leq Z \leq 51$ for 1250 keV photons 8-90128
- Verma, S.L.** *see* Allawadhi, K. 8-58643
- Verma, T.R.** Analysis of emission of ^6Li fragments from K^+ interactions with emulsion nuclei on the basis of evaporation theory 8-62577
- Verma, U.P.** *see* Gupta, S.L. 8-74797
- Verma, U.P.** *see* Kumar, V. 8-74793, 8-90144
- Vermaak, J.S.** *see* Booyens, H. 8-60123, 8-60124, 8-71734
- Vermaak, J.S.** *see* Proto, G.R. 8-71102
- Vermaseren, J.A.M.** *see* Albright, C.H. 8-82199
- Vermaseren, J.A.M.** *see* Bardeen, W.A. 8-70319
- Vermaseren, J.A.M.** *see* Smith, J. 8-66107
- Vermeersch, M.** *see* Kittelson, D.B. 8-95975
- Vermeil, C.** *see* Fournier, J. 8-73069
- Vermeil, C.** *see* Masanet, J. 8-90217
- Vermesse, J.**, Provansal, M., Brielles, J. Measurement of the viscosity of dense krypton gas near solidification and comparison with a computer simulation 8-67301
- Vermesse, J.**, Vidal, D. An absolute determination of the viscosity of simple gases under high pressure 8-55708
- Vermeulen, A.J.** Air pollution monitoring using continuous point sources. X. Miscellaneous (conclusion). (iv). Pollutant deposition research using rain gauges 8-81367
- Vermeulen, L.A.**, Harris, A.J. A diamond radiation detector 8-49900
- Vermisheva, L.Yu.**, Gangnus, A.A. Application of the technique of typification of the motion in earthquake foci for solving seismotectonic problems 8-61350
- Vernazza, G.** *see* Chiabrera, A. 8-56956
- Vernazza, J.E.**, Reeves, E.M. Extreme ultraviolet composite spectra of representative solar features 8-96447
- Vernazza, T.** *see* Morasso, P. 8-81077
- Verneker, V.R.** *see* Pai Verneker, V.R.
- Verner, V.D.**, Kovyzin, V.Ya., Mil'vidskii, M.G., Osvenskii, V.B., Kholodnyi, L.P. Investigation of point lattice defects in III-V compounds by the internal friction method 8-71787
- Vernhardt, R.** *see* Rosenberg, M. 8-52317
- Vernickel, H.**, Bohdanský, J. A general formula for impurity radiation loss of fusion plasmas in corona equilibrium 8-91074
- Vernier, Ph.J.** Turbulent natural convection in liquid metals between two plane, vertical and parallel walls 8-94701
- Vernikos-Danellis, J.**, Winget, C.M., Leach, C.S., Rosenblatt, L.S., Lyman, J., Beljan, J.R. Space motion sickness medications: interference with biomedical parameters 8-53536
- Vernooven, W.C.** Air pollution monitoring using continuous point sources. X. Miscellaneous (conclusion). (ii). Survey vehicle for air pollution monitoring 8-81365
- Vernon, F.L.**, III *see* Sales, B.C. 8-88578
- Vernon, S.P.**, Sanders, R.W., King, A.R. Surface spin-flop and the antiferromagnetic spin-flip transition 8-52257
- Vernotte, J.** *see* Berrier-Ronsin, G. 8-50089
- Vernotte, J.** *see* Kalifa, J. 8-78265
- Vernotte, J.** *see* Vergnes, M. 8-86532
- Vero, J.**, Hollo, L. Connection between interplanetary magnetic field and geomagnetic pulsations 8-85773
- Verollet, E.** *see* Dekeyser, I. 8-51156
- Veron, D.** *see* Adam, J. 8-71473
- Verona, E.** *see* Alippi, A. 8-59149
- Veronis, G.** *see* Emrich, R.J. 8-8929
- Verono, E.** *see* Alippi, A. 8-79170
- Verplancke, J.** *see* Dumont, G. 8-70682
- Verplancke, J.** *see* Huysse, M. 8-93976
- Verplanke, J.C.**, Tijburt, R.P. Determination of zinc-diffusion profiles in gallium phosphide and gallium arsenophosphide with the aid of radioactive isotopes 8-55888
- Verploeg, A.J.** *see* Seifert, K.E. 8-61399
- Verpoort, C.**, Zum Gahr, K.-H. Ductility of grain boundaries and crack propagation in a precipitation hardened, austenitic steel 8-52834
- Verrall, R.A.** *see* Ashby, M.F. 8-69331, 8-84895
- Verri, M.**, Gorini, V. Quantum dynamical semi-groups and multipole relaxation of a spin in isotropic surroundings 8-86813
- Verrill, J.F.** The specification and measurement of scattered light from diffraction gratings 8-78905
- Verscharen, W.**, Babel, D. X-ray and neutron structure determination of $\text{Na}_2\text{MnFeF}_7$ types: a trigonal weberite variant 8-51508
- Verschuur, G.C.** *see* Crama, W.J. 8-63713
- Verschuren, J.J.M.** *see* Ysenbrandt, H.J.B. 8-80996
- Versluijs, C.W.** *see* Hoogervorst, C.J.P. 8-92508
- Versmold, H.** *see* Langer, H. 8-65981
- Verspaandonk, F.** *see* Jochemsen, R. 8-80331
- Verspagnet, F.** *see* Steenhuyzen, L.W.G. 8-59716
- Versteeg, W.** *see* Hamer, A. 8-80893
- Verstelle, J.C.** *see* de Haas, L.J. 8-91931
- Verster, J.L.**, Sikkens, M., Bosscher, F. A calorimetric method for determining the absorption for visible and near-infrared radiation of surfaces 8-93685
- Verster, N.F.** *see* Theuvs, P.G.A. 8-67439
- Verstraete, J.-M.** *see* Moore, D. 8-88836
- Verstraten, J.M.** *see* Sevinck, J. 8-73367

- Vertes, P.** TIBSO—a program system for the calculation of the production, transfer, life cycle and radiation of radionuclides in a compound nuclear reactor system 8-54821
- Vertesh, P.** see Apostolesku, S. 8-86562
- Vertii, O.O.,** Derkach, V.N., Shestopalov, V.V. A method for obtaining the spatial spectra of electromagnetic field structure in the millimetre and submillimetre wave ranges 8-90344
- Vertogen, G.** see Ypma, J.G.J. 8-67645
- Vertogradskii, V.A.** see Museliani, V.Sh. 8-92370
- Vertut, J.,** Kissel, Ph.P. Use of mobile remote-handling equipment in connection with nuclear accidents 8-53525
- Vervloet, M.,** Merienne-Lafore, M.F. New vibronic levels of NH_2 excited by a blue CW dye laser 8-86907
- Vervloet, M.,** Merienne-Lafore, M.F., Ramsay, D.A. Molecular constants for the 010 level of the X^2B_1 ground state of NH_2 8-74688
- Verweij, H.,** Van Den Boom, H., Breemer, R.E. Raman spectroscopic study of the reactions in a potassium carbonate-silica glass-forming batch 8-64519
- Verwest, B.** see Bryan, R. 8-50044, 8-82294
- Vervayev, A.A.,** Tsytoich, V.N. Low-hybrid solitons 8-75323
- Verzegnassi, C.** see Bartl, A. 8-70380
- Vezhbitskii, V.V.** see Bursak, A.V. 8-78270
- Vescan, L.,** Stotzel, H., Stoica, T., Kottwitz, A. Photoconductivity in a-GeSe 8-64061
- Vesceky, J.F.** A short bibliography of Russian literature in radio oceanography 8-77338
- Vesceky, J.F.** see Pye, J.P. 8-53902
- Veselago, V.G.** see Anzina, L.V. 8-68488
- Veselago, V.G.** see Golant, K.M. 8-84238
- Veselago, V.G.** see Makhotkin, V.E. 8-80174
- Veselkova, V.N.** see Bukharov, M.V. 8-60308
- Veselov, V.M.** see Bordonkii, G.S. 8-69353
- Veselovskiy, I.S.** Movement of a beam of charged particles in the Earth's magnetosphere 8-69616
- Vesely, D.** see Allan, P. 8-83758
- Vesely, F.J.** Thermodynamics of the polarisable Stockmayer fluid 8-71419
- Veshev, V.A.** see Belinski, B.P. 8-94612
- Veski, A.Yu.,** Kruus, R.A. Local heat transfer from plates with regular macroroughness (ribbed plates) 8-83381
- Vesnina, V.A.,** Kolomiitov, Yu.V., Kopii, N.V., Lyubomudrov, O.V. IZK-61 interference internal gate 8-89438
- Vesnovskii, S.P.** see Druzhinin, A.A. 8-82351
- Vessot, R.** see Levine, M.W. 8-58971
- Vest, C.M.,** Steel, D.G. Reconstruction of spherically symmetric objects from slit-imaged emission: application to spatially resolved spectroscopy 8-78930
- Vest, C.M.,** Sweeney, D.W. Applications of holographic interferometry to nondestructive testing 8-53164
- Vest, C.M.** see Nobis, D. 8-78953
- Vest, R.W.** see Deputy, G.O. 8-91695
- Vestal, M.L.,** Blakley, C.R., Futrell, J.H. Crossed-beam measurements of differential cross-sections for elastic scattering and charge exchange in low energy He^+ -He collisions 8-66659
- Vestal, M.L.,** Blakley, C.R., Futrell, J.H. Crossed-beam measurements of differential cross sections for elastic scattering and charge exchange in low-energy Ar^+ -Ar collisions 8-66660
- Vestergombi, G.** see Gentchev, V.I. 8-78174
- Vestner, H.** see Eggermont, G.E.J. 8-51200
- Vestrland, W.T.** see Christiansen, W.A. 8-93438
- Vetelino, J.F.** see Massa, N.E. 8-75761
- Vetelino, J.F.** see Morency, D.G. 8-79871
- Vetokhin, S.S.,** Mikhailov, K.V., Pertsev, A.N., Reznikov, I.V., Tashkun, A.P. The advantage of the one-electron mode of disector operation 8-58039
- Vetokhin, S.S.,** Reznikov, I.V. One-electron characteristics of photomultipliers for counting photons 8-58038
- Vetoshkin, V.V.** see Uchaikin, V.V. 8-65471
- Vetrenko, L.P.** see Aleshin, V.I. 8-78567
- Vetri, G.** see Ciccarello, I. 8-80197
- Vetrov, O.D.** see Erofeev, L.N. 8-58000
- Vettegren, V.I.** see Friedland, K.J. 8-75562
- Vettegren, V.I.** see Tashpulatov, B.M. 8-88339
- Vetter, G.,** Queyroux, F., Gilles, J.-C. The preparation, stability and preliminary crystallographic examination of $\text{Bi}_2\text{Sn}_2\text{O}_7$ 8-51510
- Vetter, J.** see Reist, H.-W. 8-70672
- Vetter, K.** see Kronmüller, H. 8-72373
- Vetter, R.,** den Otter, G.J. Determination of obstacle strength in solid solutions 8-68704
- Vetter, R.,** Marie, E. Phase-changing broadening of the laser line of Xe I at $\lambda = 3.51 \mu\text{m}$ 8-82949
- Vetter, R.** see Brechignac, C. 8-62892, 8-78779
- Vetter, R.** see Hugon, M. 8-74748
- Vetter, U.R.** Stress and viscosity in the asthenosphere 8-65229
- Vettier, C.** see McEwan, K.A. 8-84467
- Vettier, C.** see McWhan, D.B. 8-71725
- Vettolani, G.** see Lari, C. 8-96532
- Veuro, M.C.** A double bundle nuclear demagnetization refrigerator for cooling ^3He 8-93692
- Veuro, M.C.** see Ahonen, A.I. 8-79844
- Vevai, J.E.,** Elliot, D.G., Honeywell, W.I. Senftleben-Beenakker thermal conductivity effect apparatus 8-81989
- Veverka, A.** Linear differential equations with variable algebraic coefficients and the Laplace transform 8-86115
- Veverka, A.,** Kvasnicka, V. The Weibull distribution and the conventional dependence of the probability of flashover 8-67449
- Veverka, J.** The surfaces of Phobos and Deimos 8-89103
- Veverka, J.,** Goguen, J., Yang, S., Elliot, J.L. Scattering of light from particulate surfaces. I. A laboratory assessment of multiple-scattering effects 8-58912
- Veverka, J.,** Goguen, J., Yang, S., Elliot, J.L. How to compare the surface of Io to laboratory samples 8-53865
- Veverka, J.** see Elliot, J.L. 8-85897
- Veverka, J.** see Greeley, R. 8-65534
- Veverka, J.** see Thomas, P. 8-57484
- Vevrik, A.E.** see Gurvich, A.K. 8-53089
- Veynberg, V.B.,** Karchenko, N.I., Kuz'mina, N.P. Improving the image quality in fiber endoscopes 8-71219
- Veysie, M.** see Dubault, A. 8-67642
- Vezi, W.R.** Polar axis alignment of equatorial instruments 8-69685
- Veziroglu, T.N.** see Kakac, S. 8-94809
- Vezetti, C.F.** see Hiltner, J.S. 8-54358
- Vezzoli, G.C.** Peaked electrical conductivity in liquid bismuth and associated optical scattering 8-76040
- Vezzoli, G.C.** Radiative emission during the threshold on-state of a chalcogenide amorphous semiconductor 8-76119
- Vezzoli, G.C.,** Abel, J.E. High pressure studies of (SN)₂ and S₂N₄ 8-52782
- Vezzoni, E.** see Cocito, G. 8-83124
- Vi-Duong** see Steinberg, M. 8-58458
- Vial, B.** see Goddet, J. 8-82502
- Vial, J.C.** see Artzner, G. 8-93186
- Vial, J.C.** see Lemaire, P. 8-93185
- Vial, M.,** Martin-Bouyer, M. 'Additional' absorption spectrum at low temperature in monocrystalline anthracene 8-92096
- Viala, J.C.** see Cuicellier, J. 8-52682, 8-59822
- Viala, Y.,** Bel, N., Bonazzola, S. Structure of rotating clouds and quasi-static evolution under external pressure 8-61898
- Viala, Y.P.** see Clavel, J. 8-61899
- Viallard, R.** The valence state of samarium metal 8-95270
- Vialle, J.L.** see Huber, G. 8-78826
- Vialle, J.-L.** see Liberman, S. 8-86829
- Vialle, J.P.** see Alibrán, P. 8-50026
- Vialle, J.P.** see Clark, A.G. 8-89751, 8-89759
- Vialle, J.-P.** see Musset, P. 8-50027
- Viallefond, F.** see Guibert, J. 8-86008
- Viallet, C.M.** see Daniel, M. 8-70260, 8-74153
- Viani, F.** see Gesmundo, F. 8-64758, 8-64759, 8-88577
- Viano, G.A.** see Bertero, M. 8-78929
- Vibert, P.,** Szent-Gyorgyi, A.G., Craig, R., Wray, J., Cohen, C. Changes in crossbridge attachment in a myosin-regulated muscle 8-53361
- Vibholm, S.,** Pedersen, A., Thyregod, P. On extreme low value fractures in breakdown distributions in compressed SF₆ 8-67578
- Vibicke, Kh.I.,** Zhukov, M.V. Study of three-particle nuclear molecular states. General formulae 8-86497
- Viblyi, I.F.** see Romanyuk, N.A. 8-84604
- Vicary, F.R.,** Shirley, I. Ultrasound and hepatic metastases 8-73179
- Vicens, J.,** Deschanvres, A., Delavignette, P. Domain configurations observed in a new phase of the Ta-N system 8-56648
- Vicentini, B.** see Sinigaglia, D. 8-95851
- Vichon, D.,** Hall, R.I., Greteau, F., Mazeau, J. Observation of the $\alpha^4\Pi$ and $\beta^4\Sigma^+$ states of NO by electron-impact spectroscopy 8-58733
- Vick, D.O.,** Woodley, D.G., Bloor, J.E., Allen, J.D., Jr., Mui, T.C., Schweitzer, G.K. The photoelectron spectra of gaseous alkali perhenates 8-50575
- Vickers, G.G.,** Munn, R.E. A Canadian haze climatology 8-57304
- Vickers, G.T.** A self-consistent model of the Jovian plasma sheet 8-57494
- Vickers, T.J.** see Wolfe, T.C. 8-65972
- Vickers, V.** see Ludman, J. 8-84165
- Vicent, E.** see Berger, W.H. 8-73354
- Vicsek, T.** see Uray, L. 8-68011
- Victor, G.A.** see Laughlin, C. 8-70788
- Vid, V.E.** The integrating float 8-93012
- Vidal, B.,** Fornier, A., Pelletier, E. Optical monitoring of nonquarterwave multilayer filters 8-55476
- Vidal, B.** see Marfaing, J. 8-52586
- Vidal, C.R.** see Puell, H.B. 8-55411
- Vidal, C.R.** see Scheingraber, H. 8-66811, 8-90460
- Vidal, D.** see Lallemand, M. 8-52418
- Vidal, D.** see Vermeese, J. 8-55708
- Vidal, F.V.** see Vidal, V.M.V. 8-61431
- Vidal, J.** see Huron, M.J. 8-83913
- Vidal, J.** see Romeo, N. 8-76172
- Vidal, J.P.** see Vidal-Valat, G. 8-79566
- Vidal, N.V.,** Brosch, N., Livio, M. Photoelectric photometry at Wise Observatory 8-73657
- Vidal, P.,** Dosso, L. Core formation: catastrophic or continuous? Sr and Pb isotope geochemistry constraints 8-57178
- Vidal, R.,** Herb, S.W., Lederman, L.M., Snyder, H.D., Yoh, J.K., Brown, C.N., Innes, W.R., Kephart, R.D., Ueno, K., Yamanouchi, T., Kaplan, D.M., Ito, A.S., Jostlein, H., Smith, W. A search for new massive particles 8-89877
- Vidal, V.M.V.,** Vidal, F.V., Isaacs, J.D., Young, D.R. Coastal submarine hydrothermal activity off northern Baja California 8-61431
- Vidal-Madjar, A.,** Laurent, C., Bruston, P., Andouze, J. Is the solar system entering a nearby interstellar cloud? 8-93352
- Vidal-Madjar, A.,** Thomas, G.E. The terrestrial hydrogen problem 8-93023
- Vidal-Madjar, A.** see Lemaire, P. 8-93185
- Vidal-Madjar, A.** see Thomas, G.E. 8-93024
- Vidal-Madjar, D.** Gravity wave detection in the lower thermosphere with the French incoherent scatter facility 8-81478
- Vidal-Madjar, D.,** Bertin, F., Testud, J. On the tropospheric jet stream as the source of gravity waves observed in the thermosphere 8-69554
- Vidal-Madjar, D.** see Bertel, L. 8-81479
- Vidal-Valat, G.,** Vidal, J.P., Kurki-Suonio, K. X-ray study of the atomic charge densities in MgO, CaO, SrO and BaO 8-79566
- Vidaud, P.H.,** von Engel, A. Back-diffusion of electrons in argon in the presence of an electric field 8-75251
- Vidav, I.** see Kuscer, I. 8-57851
- Videbaek, F.** see Fernandez, B. 8-94043
- Videboek, F.** see Christensen, P.R. 8-54798
- Videen, T.O.** see Teller, D.Y. 8-61180
- Videla, N.** see McIlwain, A. 8-70660
- Vidiz, A.E.** see Bradshaw, W.G. 8-84725
- Vidra, M.** X-ray spectrometer with an Si(Li) detector 8-66448
- Vidra, M.** see Mamikonjan, S.V. 8-49947
- Vidrine, D.W.,** Mattson, D.R. A practical real-time Fourier transform infrared detector for liquid chromatography 8-86357
- Vidro, G.I.,** Mukhina, E.G., Morozova, I.A., Smirnova, E.I. Measurement of optical constants and thicknesses of conducting films on a transparent substrate used as electrodes of display devices 8-60525
- Vidyakin, V.V.** 'Euler solutions in the problem of the translatory-rotary motion of three rigid bodies' 8-53802
- Vidyanidhi, V.,** Chenchu Raju, V.C. Comments on 'Magnetohydrodynamic gravity-capillary waves in a liquid film' 8-67277
- Vidyanidhi, V.,** Chenchu Raju, V.C. Travelling waves on the surface of a falling liquid film past a permeable bed 8-87351
- Vidyanidhi, V.,** Sithapati, A., Narayana, P.C.L. Heat transfer for flow past permeable bed 8-51166
- Vidyasagar, T.R.** Possible plasticity in the rat superior colliculus 8-88706
- Vie le Sage, R.** see Quiseit, J.-P. 8-61095
- Viefhues, H.,** Falter, C., Ludwig, W., Monkenbusch, M., Selmke, M., Zierau, W. Approximate inversion of the dielectric matrix 8-71797
- Viefhues, H.,** Ludwig, W. Force constants at crystal surfaces 8-71933
- Viegas, J.R.,** Coakley, T.J. Numerical investigation of turbulence models for shock-separated boundary-layer flows 8-71365
- Viehand, L.A.,** Mason, E.A. Effect of spin polarization on the thermal conductivity of polyatomic gases 8-71422
- Viehand, L.A.** see Boushehri, A. 8-51269
- Viehand, L.A.** see Maitland, G.C. 8-91051
- Viehand, L.A.** see Mason, E.A. 8-67261
- Viehweg, J.** see Jung, P. 8-86278
- Vierra, A.** see Morf, M. 8-53735
- Vierra, D.J.** see KeKelis, G.J. 8-78245
- Vierra Dias, L.A.,** Nakamura, Y. Electron oscillations in a hot plasma with a non-Maxwellian velocity distribution 8-83557
- Vielsack, P.** see Burkin, H. 8-87258
- Vien Tran Khanh** see Tran Khanh Vien
- Viennot, R.** see Bovet, D. 8-78358
- Vienot, F.** Statistical study of the color-matching functions 8-53408
- Vienot, J.-C.** see Fournier, J.-M. 8-78974
- Viergever, M.A.** On the physical background of the point-impedance characterization of the basilar membrane in cochlear mechanics 8-57009
- Vierlinger, E.** see Palmetshofer, L. 8-59831
- Viertel, G.,** Hahn, B., Schacher, J. Search for a charged boson in muon decay 8-58177

- Viet Nguyen Tuong *see* Nguyen Tuong Viet
- Vieth, G.** On the automatic exposure of photographic camera films 8-65992
- Vieth, G.** The automatic exposure of photographic camera films 8-86363
- Vietti, M.A.** *see* Fastook, J. 8-73458
- Vietzke, E.** *see* Hucks, P. 8-95625
- Vieu, C., Larsson, S.E., Leander, G., Ragnars-son, I., De Wiclawik, W., Dionisio, J.S.** The particle-asymmetric rotor descriptions of $^{189,193}\text{Au}$ (the $h_{11/2}$ system of levels) 8-70425
- Vieu, C.** *see* Rossi, J. 8-70676
- Viewing, D.R.J., Horswell, C.J.** Is catastrophe possible? [in thermonuclear war] 8-81562
- Vig, J.R., LeBus, J.W., Filler, R.L.** Chemically polished quartz 8-60858
- Vigak, V.M.** Optimal control of body heating with thermoelastic stress restrictions on the part of uncontrollable heating 8-83245
- Viganotti, C.** *see* Dotti, D. 8-57116
- Vigassy, J., Kovacs, L.M.** COBRA-3C/KFKI a digital computer program for steady state and transient thermal-hydraulic analysis of rod bundle nuclear fuel elements 8-54822
- Vigdor, S.** *see* Henning, W. 8-78413
- Vigdorchik, N.E.** The voltage tensor for plasma in HF electromagnetic and constant electric fields in the presence of collisions 8-63540
- Viggiano, A.A.** *see* Davidson, J.A. 8-56879
- Vigier, J.P.** *see* Moles, M. 8-54212
- Vigman, P.B., Finkel'shtein, A.M.** Model of a resonance level in the Kondo problem 8-80129
- Vignaud, D.** *see* Bosetti, P.C. 8-70357
- Vigneaux, M.** *see* Aluinerie, J. 8-65343
- Vigni, M.Li** *see* Li Vigni, M.
- Vignola de Hargrave, C.** *see* Smith, P. 8-80746
- Vignon, B.** *see* Cavaignac, J.F. 8-62527
- Vignon, B.** *see* Sharman, P. 8-62330
- Vigodrovich, V.V., Popov, V.I.** Influence of impurities and alloying elements on the grain structure of vacuum deposited metal films 8-56048
- Vigoureux, J.M.** *see* Huard, S. 8-50504
- Vigoureux, P.** Radiation pressure 8-78869
- Vigoureux, P., Dupuy, N.** Determination of the ampere and of the gyromagnetic ratio of the proton 8-57887
- Vigouroux, B., Rolland, J., Gourdon, J.C.** Conduction electron spin relaxation at Li/Sb and Li/Cu interfaces 8-80218
- Vigouroux, G.** *see* Pham-Van, J. 8-61793
- Vigren, D.T.** Magnetic reduction of photoreduction in doped EuO 8-72692
- Vigue, J.** *see* Broyer, M. 8-58598
- Viik, T.F.** *see* Avaste, O.A. 8-96291
- Vijay, M.M., Savic, P., Sims, G.E.** The Graetz problem for two-phase two-component gas-liquid flow in vertical tubes 8-91001
- Vijayakumar, K.** *see* Ramaiah, G.K. 8-83302
- Vijayakumar, P.N.** *see* Garg, S.C. 8-69592
- Vijayakumar, P.N.** *see* Singh, L. 8-69599
- Vijayakumar, P.N.** *see* Somayajulu, Y.V. 8-69600
- Vijayan, T., Rohatgi, V.K.** Transport of high-energy and high-power electron beams in a tetrode gun 8-89587
- Vijayaraghavan, A.** *see* Caughey, T.K. 8-54173
- Vijayaraghavan, P.R.** *see* Rao, K.R. 8-59897
- Vijayendran, B.R.** Effect of fluorinated compounds on the triboelectric-charging property of iron surface 8-60188
- Vijendran, P.** Indian rotary pumps 8-81997
- Vijh, A.K.** Electrochemical effects as the source of electromotive force in metal(1)-polymer-metal(2) systems [primary batteries] 8-72278
- Vikhin, V.S.** *see* Bugai, A.A. 8-72402
- Vikhirev, B.V.** Some of the reasons for the variation in time of the force of gravity at the Earth's surface 8-53609
- Vikhnin, V.S., Deigen, M.F., Neimark, E.I.** Effect of carriers on spin relaxation in semiconductors in quantizing magnetic fields 8-72388
- Vikhnin, V.S., Gromovoi, Yu.S., Zaritskii, I.M., Corradi, G.** Spin-lattice relaxation of the V_K -center in LiF 8-95518
- Vikhnina, G.V., Pekar, S.I.** Quantum electrodynamics of a dispersive medium and multiphoton processes at an impurity center 8-71141
- Vikhrev, B.I., Gerasimenko, N.N., Lebedev, G.P.** An investigation of radiation damage structures in SiO_2 films by EPR methods 8-95097
- Vikhrev, V.V., Korzhavin, V.M.** The effect of anomalous conductivity on the dynamics of the plasma focus 8-87475
- Vikhrev, V.V.** *see* Abramov, V.A. 8-71520
- Vikhrev, V.V.** *see* Ananin, S.I. 8-59645
- Vikis, A.C.** Sensitized fluorescence ($A^1\Pi-X^1\Sigma^+$ and $b^3\Sigma^+-a^3\Pi$) of $^{12}\text{C}^{16}\text{O}$, $^{13}\text{C}^{16}\text{O}$, and $^{12}\text{C}^{18}\text{O}$ by $\text{Kr}(^3P_1)$ and $\text{Kr}(^1P_1)^*$ 8-82761
- Vikis, A.C.** Monochromatic excitation of the $A^1\Pi-X^1\Sigma^+(13,0)$ band of $^{13}\text{C}^{16}\text{O}$ and $^{12}\text{C}^{18}\text{O}$ 8-82767
- Vikis, A.C.** Energy transfer in monochromatically excited $^{13}\text{C}^{16}\text{O}$ and $^{12}\text{C}^{18}\text{O}$ ($A^1\Pi \rightarrow X^1\Sigma^+$) molecules 8-82768
- Vikram, C.S.** Detection of direction of motion and zero order fringe identification in holographic displacement measurement 8-63044
- Viktorov, A.V.** *see* Barsukov, L.I. 8-64922
- Viktorov, I.A.** Calculation of the phase velocities of surface waves on the boundary of a solid half-space with a liquid layer 8-83151
- Viktorov, I.A., Pyatakov, P.A.** Influence of the piezoelectric effect on the properties of transverse surface waves on cylindrical surfaces of crystals 8-94479
- Viktorov, I.A.** *see* Vas'kova, V.I. 8-84042
- Viktorovitch, P., Kamarinos, G., Even, P., Fabre, E.** Correlation between interface states and MIS silicon solar cell performances 8-76153
- Viktorovitch, P.** *see* Pananakakis, G. 8-91768
- Vikulin, I.M., Kurmashev, Sh.D., Gin'ko, V.I., Andreev, V.I.** Rectifying barrier in Ni-n-Si structures formed by electrical explosion of the metal 8-72263
- Vila, S.C.** Convection as a source of viscosity for accretion disks of cataclysmic binaries 8-93307
- Viladrosa, R.** *see* Glasser, J. 8-79465
- Vilain, P.** *see* Binon, F. 8-82582
- Vilain, P.** *see* Krenz, W. 8-54624
- Vilanova, D.** *see* Granet, P. 8-93913
- Vilas, J.F., Valencio, D.A.** Palaeomagnetism and K-Ar age of the Upper Ordovician Alcaparosa Formation, Argentina 8-96135
- Vilbert, C.** *see* Bosch, B. 8-69314
- Vilches, O.E.** *see* Van Sciver, S.W. 8-87843
- Vilcu, N.** *see* Naskidashvili, I.A. 8-72431
- Vilcu, R., Perisanu, St.** Systematic criteria for calorimeter classification 8-81975
- Vilemas, J., Nemira, M.** Turbulent heat transfer in gas-cooled annuli at high temperature differences 8-94723
- Vilemas, J.W., Nemira, M.A.** Effect of variability of physical properties on heat transfer to turbulent air flows in annuli 8-83482
- Vilenchik, L.Z., Kurenbin, O.I., Gotlib, Yu.Ya., Belen'kii, B.G.** Gel-penetrating chromatography of interacting multicomponent systems. I. Study of the isomerization of proteins by the method of gel-penetrating chromatography. I. Theory of method 8-68950
- Vilenchik, L.Z.** *see* Kurenbin, O.I. 8-68951
- Vilenkin, A.** Exponential amplification of waves in the gravitational field of ultrarelativistic rotating body 8-93594
- Vilenkin, A.V., Fomin, P.I.** Schwarzschild sphere and classical electron self-energy problem 8-49681
- Vilenskaya, T.N.** *see* Drugovskii, A.I. 8-52716
- Vilenskii, Yu.B.** *see* Khristinino, G.N. 8-49926
- Vilesov, F.I.** *see* Sergeev, Yu.L. 8-79896
- Vilfan, M.** *see* Zumer, S. 8-63669
- Vilhu, O.** *see* Ergma, E. 8-89170
- Viliani, G., Montagna, M., Pilla, O., Fontana, A., Bacci, M., Ranfagni, A.** Magnetic circular dichroism in the split zero-phonon line of $\text{MgO}:\text{V}^{2+}$ 8-56460
- Vilisova, M.D.** *see* Lavrent'eva, L.G. 8-68098
- Viljanen, A.A.** *see* Hamalainen, R.P. 8-80898, 8-80899, 8-80900
- Viljanen, J.** *see* Leppihalme, M. 8-66947
- Viljoen, P.E., Roux, J.P., Boonstra, E.G.** LEED-Auger study of the (110) surface of a 1% Si-Fe single crystal 8-71915
- Vilkkii, E.U.** Trigonometric parallaxes determined with the Yerkes Observatory 40-in refractor. V 8-89168
- Vil'kotskii, M.A., Grinchuk, A.P., Zin'kevich, A.V., Knysh, V.P.** An amplitude-phase ratio meter for microwave signals with frequency transfer 8-62209
- Vilkov, L.V.** *see* Sadova, N.I. 8-86950
- Vil'kova, S.N.** *see* Sobirov, O.Yu. 8-90530
- Vilkovsky, G.A.** *see* Fradkin, E.S. 8-86213
- Villa, F.** *see* Bunnell, K. 8-74258
- Villa, F.** *see* del Papa, C. 8-74264
- Villa, J.F.** *see* Nelson, H.C. 8-65947
- Villaeys, A.A.** Relevance of beam statistical properties on light scattering 8-62777
- Villagrana, R.E., Kaae, J.L., Gantzel, P.K., Ellis, J.R.** The effect of aging and cold working on the high-temperature low-cycle fatigue behavior of alloy 800H. I. The effect of hardening processes on the initial stress-strain curve 8-84846
- Villain, J.** Pseudoharmonic theory of orientational instabilities in physisorbed layers 8-71975
- Villain, J.** *see* Borsa, F. 8-68229
- Villalobos Baillie, O.** *see* Baubillier, M. 8-93877
- Villanen, H.** *see* Dzhabinusina, M. 8-89762
- Villanen, H.** *see* Ermilova, D.I. 8-62468
- Villanen, P.** *see* Dzhabinusina, M. 8-89762
- Villanen, P.** *see* Ermilova, D.I. 8-62468
- Villani, A., Zimmerman, A.H.** Backlund transformations as canonical transformations 8-81855
- Villani, A.** *see* Ruggiero, J.R. 8-81887
- Villani, S.** Visibility of isolated alphabetic letters and numerals. An annotated bibliography 8-53411
- Villani, S.** A short guide to the recording and interpretation of electro-oculographic response (EOG) 8-73156
- Villanova, C.** *see* Zanella, G. 8-92699
- Villard, D.** *see* Berge, Ph. 8-60866
- Villari, A.** *see* Fidecaro, G. 8-66157
- Villarreal, J.R., Laane, J.** Low-frequency vibrational spectra and conformations of bicyclo[3.2.0] hept-6-ene and 2-oxybicyclo[3.2.0] hept-6-ene 8-58685
- Villars, F.** *see* Moya de Guerra, E. 8-50113
- Villaverde, A.B., Donatti, D.A., Bozimis, D.G.** Terbium gallium garnet Verdet constant measurements with pulsed magnetic field 8-68486
- Villella, C.J.** The nature and possible origin of lava-like material within Chénier Crater 8-81569
- Villemain, P.** *see* Billard, L. 8-76206
- Villeneuve, J.P., Ouellet, Y.** Laboratory systems for measuring short-term changes in water levels 8-93654
- Villeneuve, P.** *see* Albrow, M.G. 8-58214
- Villepin, J.** *see* de de Villepin, J.
- Villemain-Lecolier, G.** *see* Aubry, J.P. 8-76507, 8-92059
- Villermoux, J.** *see* Lede, J. 8-91056
- Villermoux, J.** *see* Schweich, D. 8-64880
- Villeval'd, G.S., Karasyuk, V.N., Sil'vestrov, G.I.** High-voltage heavy-current arc gap 8-87514
- Villeval'd, G.S.** *see* Budker, G.I. 8-66739
- Villey, M.** *see* Oberlin, A. 8-56593
- Villiers, P.** *see* de de Villiers, P.
- Vilminot, S.** *see* Gency, C. 8-79591
- Vilminot, S.** *see* Reau, J.M. 8-79806
- Vilnis, K.K.** *see* Korolev, A.I. 8-84756
- Vilnitis, A.Ya.** Estimating the effect of the yoke of a linear induction MHD machine by introducing new boundary conditions 8-75434
- Vilnrotter, V.** *see* Gagliardi, R. 8-78935
- Vil'vidskii, M.G., Bochkarev, E.P.** Creation of defects during the growth of semiconductor single crystals and films 8-83825
- Vimal Kumar Jain** Electron spin resonance of VO^{2+} in $\text{KH}_2(\text{SeO}_3)_2$ 8-80196
- Vin Tan Ha** *see* Ha Vin Tan
- Vinai, F.** *see* Allia, P. 8-72318, 8-91917, 8-95431
- Vincelli, M.L.** *see* Apel', V.D. 8-78223
- Vincent, B.** *see* Lambe, R. 8-85207
- Vincent, B.** *see* Van Den Boomgaard, T. 8-85206
- Vincent, C.A.** *see* McKechnie, J.S. 8-93498
- Vincent, C.M.** *see* Darama-Rogers, F. 8-70466
- Vincent, C.M.** *see* Epstein, G.N. 8-70572
- Vincent, D.A.** Closed-cycle refrigerator for a superconducting susceptometer 8-93707
- Vincent, E.** *see* Argan, P. 8-82333
- Vincent, E.** *see* Argan, P.E. 8-70512
- Vincent, G., Bois, D.** Photocapacitance quenching effect for "oxygen" in GaAs 8-91727
- Vincent, H., Marezio, J., Joubert, J.C., Bochu, B., Aubert, J.J.** Crystal structure of CuTa_2O_6 8-51497
- Vincent, L.** *see* Coquillet, B. 8-88516
- Vincent, M.G., Jeffery, J.W.** The crystal structure of pentacalcium trialuminate, $5\text{CaO} \cdot 3\text{Al}_2\text{O}_3$ 8-55840
- Vincent, M.G., Jeffery, J.W.** A controlled method of mounting crystals on the ends of fibres 8-93663
- Vincent, M.G.** *see* Flack, H.D. 8-75485
- Vincent, P., Nevieri, M., Maystre, D.** Computation of the efficiencies and polarization effects of XUV gratings used in classical and conical mountings 8-63188
- Vincent, P.** *see* Backe, H. 8-50197, 8-62873
- Vincent, P.** *see* Maystre, D. 8-94447
- Vincent-Geisse, J.** *see* Dreyfus, C. 8-58695, 8-62944
- Vincent-Geisse, J.** *see* Soussan-Jacob, J. 8-58696
- Vincenzini, P.** *see* Babini, G.N. 8-72758
- Vincett, P.S.** *see* Roberts, G.G. 8-56239, 8-95590
- Vinche, C., Borloo, E., Jehenson, P.** Community survey on reference blocks and transducers for non-destructive ultrasonic testing 8-68858
- Vinciguerra, D.** *see* Arena, N. 8-74381
- Vincour, J.** *see* Prazak, J. 8-82596
- Vincx, H.** *see* Heyde, K. 8-78343
- Vincze, I.** Evaluation of complex Mossbauer spectra in amorphous and crystalline ferromagnets 8-60370
- Vincze, I.** *see* Balogh, J. 8-60371
- Vindevoghel, J., Vindevoghel, M., Leroy, Y.** Millimetric and far infrared conductivity of p-Si. Evidence for interband transitions 8-52022
- Vindevoghel, M.** *see* Vindevoghel, J. 8-52022
- Vine, D.M.** *see* Le Vine, D.M.
- Vinel', G.V.** *see* Gopych, I.M. 8-78597
- Viner, M.R.** *see* Erickson, W.C. 8-65707
- Viner, M.R.** *see* Hughes, V.C. 8-54064
- Vinet, L.** *see* Harnad, J. 8-70262
- Vinetskii, V.L., Kudykina, T.A.** Localized bipolarons in ionic crystals 8-67957

- Vinetskii, V.L.**, Kukhtarev, N.V., Markov, V.B., Odulov, S.G., Soskin, M.S. Amplification of coherent light beams by dynamic holograms in ferroelectric crystals 8-90393
- Vingiani, G.B.** see Brandolini, F. 8-52389
- Vinh Mav, R.** An overview of the nucleon-nucleon interaction 8-66216
- Vinh-Mau, R.** see Lacombe, M. 8-70455
- Vinhas, L.A.** see Amaral, L.Q. 8-75599
- Vinhas, L.A.** see Martel, P. 8-75766
- Vinicombe, D.A.**, Moss, S.H., Davies, D.J.G. Photo-reactivation of γ -radiation damage in *Escherichia coli* as evidence for the nature of the oxygen-enhancement effect 8-77087
- Vinke, R.V.H.**, Engelse, W.A.H., Hooghout, T., Meij, S., Simoons, M.L., Top, P., Zeelenberg, C. Implementation and clinical evaluation of computer-assisted analysis of exercise ECGs 8-81051
- Vinke, R.V.H.**, Ritsema van Eck, H.J., Simoons, M.L., Arntzenius, A.C., Huisman, P.H., Kulbertus, H.E., Schipperheijn, J.J. Evaluation of a computer model of ventricular excitation 8-85302
- Vinnik, V.S.**, Okhrem, E.A. Dependence of electrical resistivity of bismuth-tellurium alloys on their tellurium content 8-76042
- Vinnik, V.S.**, Okhrem, E.A., Samoilovich, A.G. Anisotropic scattering in degenerate semimetals at low temperatures 8-95298
- Vinnikova, E.B.**, Gerts, E.A., Oncgina, A.B., Sereda, E.M. Positional observations of Venus at the Main Astronomical Observatory of the Ukrainian Academy of Sciences (1967-1971) 8-93135
- Vinogradov, A.A.** see Buzulukov, Yu.P. 8-82547
- Vinograd, M.I.** see Potanina, V.S. 8-85074
- Vinogradov, A.P.** see Biberman, L.M. 8-83558
- Vinogradov, A.S.** see Gluskin, E.S. 8-62274
- Vinogradov, A.V.** see Skobelev, I.Yu. 8-82815, 8-83617
- Vinogradov, A.V.** see Sobelman, I.I. 8-63538
- Vinogradov, E.A.** see Allakhverdiev, K.R. 8-59903, 8-71800
- Vinogradov, E.A.** see Gasanly, N.M. 8-92070
- Vinogradov, E.A.** see Vodop'yanov, L.K. 8-60433
- Vinogradov, G.K.** see Yespikina, N.A. 8-96395
- Vinogradov, G.V.**, Froishteter, G.B., Trilisky, K.K. The generalized theory of flow of plastic disperse systems with account of the wall effect 8-87320
- Vinogradov, G.V.** see Froishteter, G.B. 8-79342
- Vinogradov, G.V.** see Malkin, A.Ya. 8-67160
- Vinogradov, G.V.** see Volkov, V.Z. 8-59442
- Vinogradov, N.S.**, Rozhin, F.V., Tonakanov, O.S. Spatial correlation properties of the bottom reverberations, using dipole receivers and audio frequency emission from a discrete linear antenna 8-53659
- Vinogradov, N.V.**, Sviridov, Yj.B., Khimchenko, N.V. Dissipation of ultrasonic oscillations at the boundary of the layers of a bimetal made by explosive welding. I 8-53124
- Vinogradov, N.V.**, Sviridov, Yu.B., Khimchenko, N.V. Dissipation of ultrasonic oscillations at the boundary of the layers of a bimetal made by explosive welding. II 8-53157
- Vinogradov, N.V.**, Tsorin, E.I., Filimonov, S.A., Lange, Yu.V., Murashov, V.V. Low-frequency acoustic flux detector for reinforced plastics and glued members 8-60954
- Vinogradov, O.A.** see Telesin, R.V. 8-68341
- Vinogradov, P.S.** see Tal'roze, V.L. 8-53699
- Vinogradov, S.S.**, Shestopalov, V.P. Solution of the vector problem of diffraction on a sphere having an aperture 8-82891
- Vinogradov, V.B.** see Amaglobeli, N.S. 8-54652
- Vinogradov, V.B.** see Bairamov, A.A. 8-78422
- Vinogradov, V.G.**, Zaitsev, V.I., Fedorova, M.K., Khan'zhan, P.S. Effects of mechanical treatment on flaw detection during leak tests 8-60956
- Vinogradov, V.S.** see Andreev, G.A. 8-77898
- Vinogradova, G.I.** see Makhotkin, V.E. 8-80174
- Vinogradova, O.A.**, Dimitrov, S.K., Luts'ko, A.S., Smirnov, V.M., Tel'kovskii, V.G. Direct energy conversion of monoenergetic ion beams with space-charge compensation 8-87461
- Vinogradova, T.A.**, Ioffe, S.B. Wide-angle interference polarization filter steps made from various types of crystals 8-87156
- Vinogradova, V.E.** see Zolotov, M.A. 8-56712
- Vinogradova, V.N.** see Godneva, M.I. 8-55252
- Vinogradova, V.N.** see Gribov, L.A. 8-82715
- Vinokur, B.B.**, Kondratyuk, S.E., Markovskaya, L.I., Khrunik, R.A., Katsov, K.B., Vainerman, V.B. Contact endurance of cast case-hardening steel 8-56805
- Vinokur, K.D.** see Chilaya, G.S. 8-79529
- Vinokurov, B.B.** see Leshchenko, I.G. 8-72963
- Vinokurov, E.I.** see Polyakov, L.M. 8-56840
- Vinokurov, G.N.** Maximum achievable population inversion in finite volumes 8-50749
- Vinokurov, S.K.** see Bobrova, G.I. 8-59474
- Vinokurov, V.A.**, Dymshits, A.V., Kurkin, A.S., Ship, V.V., Utkin, Yu.G. Possibility of determining K_{1c} on specimens of reduced size 8-56830
- Vinokurov, V.B.** see Koval'chenko, M.S. 8-60599
- Vinokurova, L.L.**, Gapotchenko, A.G., Itskevich, E.S. Effect of pressure on the de Haas-van Alphen effect and exchange splitting in Fe 8-95252
- Vinokurova, L.L.**, Ivanov, V.Yu., Sagoyan, L.I., Rodionov, D.P. Investigation of single crystals of ordered iron-platinum alloys. II. Anisotropy of magnetic properties 8-60280
- Vinokurova, N.N.** see Tikhov, S.V. 8-88043
- Vintaikin, E.Z.**, Barkalaya, A.A., Belyatskaya, I.S. Decomposition of solid solutions Fe-Cr and Fe-Cr-Co in a magnetic field 8-68694
- Vintaikin, E.Z.**, Udovenko, V.A., Gogua, L.D. Low-temperature FCC \rightarrow FCT transformation in γ -MnFe alloys [and magnetic structure] 8-84797
- Vintaikin, E.Z.**, Udovenko, V.A., Makushev, S.Yu., Litvin, D.F. Mechanism of plastic deformation in manganese-copper alloys and the shape-memory effect 8-60705
- Vinter, B.** Nonlocal exchange and correlation in an inhomogeneous electron system 8-56097
- Vinti, J.P.** Newtonian cosmology with a varying gravitational constant 8-54100
- Viola, V.E., Jr.** see Schroder, W.U. 8-89905
- Viollier, M.**, Lecomte, P., Bougard, M., Richard, A. Airborne remote sensing measurement of ocean colour and sea surface temperature in the Straits of Dover 8-96238
- Viotti, R.** see Baratta, G.B. 8-61866
- Viotti, R.** see Heap, S.R. 8-96474
- Vipond, A.S.** see Mai, Y.W. 8-95805
- Vir Singh** see Singhal, R.P. 8-50618
- Virasoro, M.A.** see Gervais, J.L. 8-70256
- Virbaitis, R.** see Ambrazevicius, A. 8-94722
- Virdee, M.S.** see Archbold, E. 8-60721
- Virdefors, B.** see Ardeberg, A. 8-89238
- Virdhee, L.** see Brah, A.S. 8-83721
- Virendra Singh** see Roy, S.M. 8-77750
- Virgil'ev, Yu.S.**, Gundorov, V.V., Makarchenko, V.G. Impact toughness of structural graphite 8-88605
- Virgopia, N.** see Ferraioli, F. 8-93367
- Virk, H.S.** see Singh, S. 8-94039
- Virkar, A.V.**, Miller, G.R., Gordon, R.S. Resistivity-microstructure relations in lithia-stabilized polycrystalline β^+ -alumina 8-80654
- Virmont, J.**, Pellat, R., Mora, A. Density profile modification by light pressure in spherical geometry 8-59636
- Virmont, J.** see Garban, C. 8-59676
- Virnik, A.M.**, Zykova, N.M., Kurakina, T.S., Mel'nikov, E.V. Conditions for near-electrode contraction of a discharge in a combustion-product plasma 8-94946
- Virnik, R.B.** see Gachkovsky, V.F. 8-64401
- Virnik, Ya.Z.**, Krutova, V.G., Mashchenko, A.I., Oraevskii, A.N., Stepanov, A.A., Shcheglov, V.A. Theoretical investigation of a chemical CW HF laser with a telescopic resonator 8-59001
- Virnik, Ya.Z.**, Krutova, V.G., Stepanov, A.A., Shcheglov, V.A. Design of a cw HF laser with a spherical telescopic resonator 8-71120
- Virozub, I.E.** see Shvets, Yu.I. 8-83427
- Virtamo, J.** see Simola, J. 8-90071
- Virtamo, J.T.**, Simola, J.T.A. The spreading of the proton of a hydrogen atom in strong magnetic fields 8-70769
- Virtes, G.J.** see Cumming, J.B. 8-66260
- Virtmanis, A.** see Bochans, P.Ya. 8-52095
- Virtrue, C.J.**, Douglas, R.J., McKee, B.T.A. Interactive positronit: a new version of a program for analysing positron lifetime spectra 8-88379
- Visca, M.**, Ardizzone, S., Formaro, L. Mass transport electrophoresis: an improved apparatus 8-85168
- Viscakas, J.K.** see Martinaitis, A.V. 8-64043
- Visentin, A.** see Antonini, D. 8-58283
- Visentin, R.** see Barra, O. 8-75061, 8-75062
- Visentin, R.** see Barra, O.A. 8-93004
- Vishnevskii, A.S.** see Malogolovets, V.G. 8-59841
- Vishki, T.** see Basina, Yu.V. 8-93063
- Vishnev, I.P.** Reynolds analogy for boiling 8-59277
- Vishnev, I.P.** see Tergeev, S.I. 8-67875
- Vishnevskaya, T.M.**, Cherkasov, A.D., Mazokhin-Porshnyakov, G.A., Korzun, I.B. Identification of the 'slow' cells of the eye of insects 8-64988
- Vishnevskii, A.S.**, Gontar, A.G. Electrical conductivity of synthetic diamond crystals 8-56144
- Vishnevskii, A.S.** see Ositinskaya, T.D. 8-65921
- Vishnevskii, V.B.** see Tresvyatskii, S.G. 8-51495
- Vishnevskii, V.N.**, Pashuk, I.P., Pudzyrailo, N.S., Tokarivskii, M.V. Luminescence of CsSrCl₃-Ti single crystals 8-72586
- Vishniac, E.T.** A necessary condition for equilibrium in stellar systems with a continuous mass spectrum 8-93328
- Vishnyak, V.F.** see Shvets, Yu.I. 8-83427
- Vishnyakov, B.A.**, Aranovich, G.L., Artyunyan, B.L. Heating of multiple-layer structures during electron-beam deposition of films 8-92192
- Vishnyakov, B.A.** see Aranovich, G.L. 8-56057
- Vishnyakov, B.A.** see Mordvintsev, V.M. 8-64142
- Vishnyakov, B.A.** see Savel'ev, A.A. 8-95818
- Vishnyakov, V.A.**, Grizhko, V.M., Grishaev, I.A., Safronov, B.G., Fursov, G.L. A high-current injector of a linear electron accelerator 8-70655
- Vishwamittar** Theory of low-energy scattering by a long-range potential 8-74723
- Visikailo, F.I.**, Napartovich, A.P., Son, E.E. On the stability of EB-sustained discharge in pure nitrogen 8-71608
- Visinescu, M.** see Ghika, G. 8-70252
- Viskanta, R.**, Hirtleman, E.D. Combined conduction-radiation heat transfer through an irradiated semi-transparent plate 8-75051
- Viskanta, R.**, Siebers, D.L., Taylor, R.P. Radiation characteristics of multiple-plate glass systems 8-74956
- Viskanta, R.** see Hommert, P.J. 8-74002
- Viskanta, R.** see Venkatram, A. 8-65382, 8-69409
- Vislovich, A.N.**, Sinitsyn, A.K. Helical flow of a ferromagnetic colloid in an arbitrarily oriented magnetic field 8-75213
- Visnjic, V.** see Hildebrandt, S. 8-54559
- Visnovsky, S.**, Kirshnan, R., Prosser, V. Magneto-optical Kerr spectra of substituted YIG 8-68485
- Visocekas, R.** see Bourgoin, J. 8-88369
- Visscher, P.B.** Cell hydrodynamics: an information-conserving theory 8-55623
- Visscher, W.** see Goldman, A. 8-62050
- Visscher, W.M.** Theory of AC and DC electric conductivity by noninteracting electrons in correlated arrays of fixed scatterers 8-51955
- Visscher, W.M.** see Lumpkin, M.E. 8-79834
- Visser, D.**, Niesen, L., Postma, H., de Waard, H. NMR on oriented ¹³N nuclei implanted in single-crystal iron: observation of vacancy-associated impurity sites 8-91964
- Visser, D.** see Janssen-van Rosmalen, R. 8-64455
- Visser, H.K.A.** see Jansen, T.C. 8-81003
- Visser, S.L.** see Li Visser, S.
- Visser, T.** see Smit, W.M.A. 8-66551
- Visser, W.A.** Geothermal research in the Netherlands 8-61415
- Visticot, J.P.** see Sayer, B. 8-66486
- Vistnes, A.I.** A new method for simulation of EPR spectra with particular application to nitroxide spin labels 8-78730
- Visvanathan, N.** Distance to Virgo I Cluster via CM data of M31 group and Virgo I cluster 8-73763
- Visvanathan, N.** see Mason, K.O. 8-93471
- Visvanathan, N.** see Sandage, A. 8-89246
- Viswanadham, C.** Vacuum system of the cyclotron-aspects of design, testing and commissioning 8-86707
- Viswanadham, R.K.** see Chen, J.M. 8-72781
- Viswanath, P.R.**, Narasimha, R., Prabhu, A. Visualization of laminarizing flows 8-75244
- Viswanath, S.** see Lakshminarayana, H.V. 8-79206
- Viswanathan, B.** see Krishnamurthy, K.R. 8-56916
- Viswanathan, B.** see Nagasubramanian, G. 8-95947
- Viswanathan, C.R.**, Takino, T. Minority carrier generation time and surface generation velocity determination from Q-t measurements 8-72265
- Viswanathan, K.** see Salje, E. 8-79766
- Viswanathan, K.S.** see Philip, J. 8-83890
- Viswanathan, K.S.** see Sekher, R. 8-64054
- Viswanathan, K.S.** see Yee, J.H. 8-62311
- Viswanathan, R.**, Caton, R. Effect of neutron irradiation on single-crystal V₃Si: heat capacity and resistivity 8-88075
- Viswanathan, R.**, Caton, R., Pande, C.S. Superconducting transition-temperature widths in neutron-irradiated single-crystal V₃Si 8-91802
- Viswanathan, R.** see Chang, T.H.P. 8-74835
- Viswanathan, R.** see Varmazis, C. 8-54352
- Viswanathan, V.K.** Optical analysis and predictions for the LASL eight-beam laser fusion system 8-50814
- Viswanathan, V.K.** see Parker, J.V. 8-59071
- Viswanathiah, M.N.**, Kutty, T.R.N., Rao, N., Tareen, J.A.K. Effect of mineralizers on the growth morphology of cubic thulium oxide 8-91283
- Vit, K.** Mathematical model of left-heart haemodynamics 8-65074
- Vit, K.** Analytical solution to isometric mechanism of Hill's model of striated muscle 8-73168
- Vita, A.J.** see Syracuse, D.C. 8-69254

- Vita, P. Di *see* Di Vita, P.
- Vitagliano, H.D. *see* Boggess, A. 8-96382
- Vitale, A. *see* Bertin, A. 8-55259
- Vitali, G., Bertolotti, M., Foti, G., Rimini, E. Laser induced single-crystal transition in polycrystalline silicon 8-87704
- Vitali, G. *see* Foti, G. 8-67725
- Vitaliano, C.J. *see* Wooden, J.L. 8-77196
- Vitanov, P.K. *see* Popova, L.I. 8-84309
- Vitars, K. *see* Geguzin, Ya.E. 8-83820
- Vitebskii, I.M. Theory of metamagnetic transitions in ErB₄ 8-95436
- Vitebskii, I.M., Derkachenko, V.N., Kovtun, N.M., Konovalova, E.S., Poderno, Yu.B., Khokhlov, V.A., Shitsevalova, N.Yu. Magnetic behaviour of polycrystal dysprosium and thulium tetraboride in strong magnetic fields 8-88119
- Vitebskii, I.M., Yablonskii, D.A. Theory of the intermediate state of metamagnets 8-72360
- Vitek, R.K., Kent, D.M. High performance radial chromatography 8-80802
- Vitek, V. Macroscopic creep crack growth 8-79282
- Vitek, V. A theory of diffusion controlled intergranular creep crack growth 8-84950
- Vitek, V. *see* Ogura, T. 8-84761
- Vitek, V. *see* Pond, R.C. 8-95058
- Vithlani, C.S. *see* Chakravorty, D. 8-67858
- Vitins, M. Keplerian motion and gyration 8-77472
- Vitinsky, Yu.I. Comments on the so-called Maunder minimum 8-77549
- Vitkovitsky, I.M. New applications of inductive storage technology 8-55019
- Vitkovitsky, I.M. *see* Conte, D. 8-55034
- Vitkovitsky, I.M. *see* Greig, J.R. 8-71568
- Vitkovitsky, I.M. *see* Lupton, W.H. 8-54948
- Vitkovskii, I.V., Kirillov, I.R. Choice of flow-rate regulators for liquid metal systems 8-75229
- Vitluk, N.V. *see* Germann, R. 8-92129
- Vitol, I.K. *see* Aboltin, D.E. 8-72606
- Vitola, I. *see* Bochkans, P. 8-91537
- Vitola, V.Kh., Karklin, Ya.Kh., Mikel'son, A.E., Semin, S.I. The study of thermal EDS in the nonhomogeneous media 8-76056
- Vitovskii, N.A., Mashovets, T.V., Mustafakulov, D., Ryykin, S.M. Changes in the energy spectrum of impurity atoms in indium antimonide as a result of low-temperature gamma irradiation 8-51937
- Vitrikhovskii, N.I. *see* Brodin, M.S. 8-59012, 8-74913
- Vitrikhovskii, N.I. *see* Komarov, A.V. 8-56079, 8-79940
- Vitsenko, V.I. *see* Efremenko, I.P. 8-92431
- Vitt, B. *see* Beyer, E. 8-64274
- Vitt, B. *see* Hofstaetter, A. 8-80217
- Vitt, B. *see* Oeder, R. 8-60566
- Vitta, P.B. Energy spectrum of alpha particles emitted in fission 8-74346
- Vittone, A. *see* Ciatti, F. 8-85947
- Vittoria, C. *see* Forester, D.W. 8-63240, 8-68305
- Vittoria, V. *see* Araimo, L. 8-76692
- Vitusevich, V.T. *see* Il'in, V.G. 8-75258
- Vitvitskii, V.M. *see* Ataulkhanov, F.I. 8-53354
- Vivalda, V.J. *see* Ting, C.Y. 8-75959
- Vivarelli, P. *see* Bernardi, F. 8-82786
- Vives, M. *see* Barthelemy, R. 8-61282
- Viviani, A. Grid and metric optimisation in finite difference and finite element methods in magnetic problems 8-94352
- Viviani, A. *see* Molinari, G. 8-88641, 8-88642, 8-94353
- Viviani, R. *see* Chibrera, A. 8-56956
- Vivien, J.P. *see* Beck, F.A. 8-70487
- Vivien, J.P. *see* Haas, B. 8-54675
- Vivion, M.C. *see* McFarland, W.H. 8-65049
- Viyogi, Y.P. *see* Doli, P. 8-70558
- Vizel', Ya.M. Influence of free convection on the rate of aerosol precipitation from a laminar gas stream 8-83459
- Vizi, B., Sebastyen, A. Stereochemistry on the basis of data on non-rigid molecule model 8-62788
- Vizireva, L.D. *see* Batusov, Yu.A. 8-54745, 8-89855
- Vlaar, N.J., Wortel, M.J.R. Gravity and the earthquake mechanism 8-57176
- Vlach, B., Man, J., Holzmann, M., Bilek, Z. The relation between static and dynamic fracture toughness of structural steels 8-68815
- Vlacha, E., Sprusil, B., Vostry, P. Dynamic defect annealing during plastic deformation of Al 8-88478
- Vlachakis, A.V. *see* Servetas, E.C. 8-49812
- Vlachos, K. *see* Jannussis, A. 8-77800
- Vlachos, N. *see* Markatos, N.C.G. 8-79312
- Vlachy, J. Field mobility in Czech physics-related institute and facilities 8-89292
- Vladikova, D. *see* Nanev, C.N. 8-67894
- Vladimirov, A.B., Kaigorodov, V.N., Klotsman, S.M., Trakhtenberg, I.Sh. Volume diffusion of indium in nickel 8-75880
- Vladimirov, A.I. *see* Saenko, V.A. 8-83584
- Vladimirov, L.V., Ermakova, T.N., Krongauz, A.N., Kurozaev, V.P., Khlebtsevich, Y.Yu., Chernobrovov, S.V., Shul'gina, Z.I. Automatic exposure relay for X-ray quality control 8-95893
- Vladimirov, S.B., Khromov, G.S. Microstructures in the planetary nebula NGC 7293 8-93344
- Vladimirov, V.A. Formation of vortex filaments from ascending flows over an evaporating liquid 8-63440
- Vladimirov, V.L. *see* Urdenko, V.A. 8-65341
- Vladimirov, V.V., Gorshkov, V.N. Influence of electron-hole scattering on the formation of a plasma filament in n-type InSb under impact ionization conditions and explanation of Morisaki's experiments 8-60147
- Vladimirov, Yu.A., Sergeyeva, N.S., Rubtsov, V.B., Klebanov, G.I. Effect of valinomycin on the phasic state and passive permeability for calcium ions of the membranes of artificial phospholipids 8-80836
- Vladimirov, Yu.A. *see* Ivanov, A.S. 8-69024
- Vladimirov, Yu.A. *see* Kagan, V.Ye. 8-69025
- Vladimirov, Yu.A. *see* Nikushkin, Ye.V. 8-96021
- Vladimirov, Yu.V. *see* Nemashkalo, A.A. 8-78349
- Vladimirova, L.A. *see* Zyat'kova, L.P. 8-85112
- Vladimirova, M.A. *see* Liberman, Ye.A. 8-64951, 8-69015
- Vladimirskii, A.B., Silin, V.P., Starodub, A.N. Nonlinear penetration of powerful electromagnetic radiation in a parametrically absorbing plasma 8-83577
- Vladimirskii, A.B., Silin, V.P., Starodub, A.N. Nonlinear transparency of a layer of a dense plasma 8-87454
- Vladimirskii, B.M. The biosphere and active processes on the Sun 8-61211
- Vladimirskii, K.V., Norvaishas, A.A. Stability of generation on an asymmetrical inhomogeneously broadened line 8-82939
- Vladislav, S. Impact ionization cross sections for neutral and ionized neon 8-58844
- Vladuca, G. *see* Berinde, A. 8-78351
- Vlahov, J.P. *see* Pushkarov, Kh.I. 8-76232
- Vlasak, A.M., Remi, J.-P. Sealed radioactive sources and their use in medicine 8-53497
- Vlasenko, L.S. *see* Bagraev, N.T. 8-68411
- Vlasenko, S.I. *see* Busygin, E.P. 8-67372, 8-67478
- Vlasenko, V.P. *see* Slastinin, S.B. 8-88609
- Vlasnikov, A.K. *see* Braun, M.A. 8-74265
- Vlasoc, S.I. *see* Berman, L.S. 8-52072
- Vlasov, A.N., Kozina, G.S., Kostinskaya, T.A., Kurbatov, L.N., Uvarov, A.I. Continuously tunable electron-beam-pumped semiconductor laser 8-50802
- Vlasov, A.N. *see* Borisovskii, S.P. 8-90444
- Vlasov, K.B., Smorodinskii, Ya.G. Elastic waves in magnets with a cone helix magnetic structure 8-68342
- Vlasov, K.B., Smorodinskii, Ya.G. Reflection of elastic waves from magnets with a conical spiral magnetic structure 8-88154
- Vlasov, N.G., Shtanko, A.E. Possibility of development of interference methods based on spatial correlation of radiation intensity of thermal sources 8-49891
- Vlasov, N.G., Tsubul'kin, L.M. Interference correlator 8-78969
- Vlasov, R.A. *see* Buinov, N.S. 8-71069
- Vlasov, S.A. *see* Orlov, Yu.I. 8-58882
- Vlasov, S.N. *see* Gaponov, V.A. 8-63156
- Vlasov, V.I., Semak, D.G. Recording and erasure on Cu-As-Se glasses by laser beam 8-71170
- Vlasov, V.V., Seregina, V.G., Shatalov, Yu.S. Integral characteristics in the determination of coefficients of parabolic systems and equations 8-67013
- Vlasov, V.V., Shatalov, Yu.S., Zotov, E.N., Labovskaya, A.S., Churikov, A.A. Methods of nondestructive thermophysical checking of anisotropic bodies 8-79196
- Vlasov, V.V. *see* Burtseva, V.A. 8-53106
- Vlasova, L.N. *see* Koltakov, Yu.N. 8-65429
- Vlasova, R.M. *see* Koltakov, M.V. 8-88309
- Vlasse, M., Chaminade, J.-P., Saux, M., Pouchard, M. The crystal structure of silver niobium oxyfluoride Ag₂Nb₂O₅F₂ 8-95030
- Vlasse, M. *see* Salmon, R. 8-79582
- Vlassopoulos, S.D.P. *see* Antoniou, N.G. 8-78083
- Vlastos, A.E., Rusck, S. Influence of measuring procedure on the determination of breakdown probabilities 8-67579
- Vlastos, A.E., Rusck, S. Breakdown voltage hysteresis in air and SF₆ 8-87553
- Vlastou, R., England, J.B.A., Karban, O., Baird, S., Lui, Y.-W. The elastic scattering of polarized ³He by ³He and excitation in the ⁶Be system 8-78400
- Vleck, J. *see* Hospes, M. 8-53302
- Vleck, J.H. *see* Van Vleck, J.H.
- Vleuten, W.C. *see* van der Vleuten, W.C.
- Vliet, K.M. *see* van Vliet, K.M.
- Vliet, K.M. *see* Van Vliet, K.M.
- Vliet, R.G. *see* Van Vliet, R.G.
- Vlokh, O.G., Zheludev, I.S. Electrogyration in ferroelectric crystals 8-76394
- Vlokh, O.G. *see* Strukov, B.A. 8-95559
- Vnuchokova, T.A. *see* Vanyan, L.L. 8-65518
- Vo, P.T., Eversman, W. A method of weighted residuals with trigonometric basis functions for sound transmission in circular ducts 8-59174
- Vo Dinh, T., Winefordner, J.D. Room temperature phosphorimetry as a new spectrochemical method of analysis 8-95972
- Vo Hong Anh, Nguyen Nhu Dat Parametric excitation in Kane's semiconductors 8-52023
- Vo Ky Lan *see* Berrington, K.A. 8-74558
- Vo Van Toi, Grounauer, P.A. Visual stimulator 8-96053
- Vo-Dinh, T. Multicomponent analysis by synchronous luminescence spectrometry 8-73089
- Voboril, J. *see* Bogdanov, D.D. 8-78326
- Voci, C. *see* Fidecaro, G. 8-66157
- Vocke, R.E., Jr. *see* Langmuir, C.H. 8-53625
- Vodak, F. Model of discontinuity surface in continuum physics 8-73850
- Vodak, F. Non-equilibrium thermodynamics of a discontinuity surface 8-93638
- Vodakov, Yu.A., Lomakina, G.A., Mokhov, E.N., Oding, V.G. Influence of the polypeptide structure of the diffusion of impurities in SiC 8-59983
- Vodakov, Yu.A., Lomakina, G.A., Mokhov, E.N., Oding, V.G., Radovanova, E.I. Beryllium as a donor impurity in silicon carbide 8-87942
- Vodakov, Yu.A. *see* Lomakina, G.A. 8-60129
- Vodar, B. *see* Epain, R. 8-49849
- Vodolazkin, V.I. *see* Gusev, V.D. 8-73525
- Vodopyanov, L.K., Kutcherenko, I.V., Shotov, A.P., Scherm, R. Effect of band inversion on phonon spectra of Pb_{1-x}Sn_xSe alloys 8-79699
- Vodopyanov, L.K., Vinogradov, E.A., Melnik, N.N., Plotnichenko, V.G., Chevallier, J., Guillaume, J.C. Study of long wavelength optical phonons in the alloys Zn_{1-x}Mg_xTe 8-60433
- Vodopyanov, L.K. *see* Mityagin, Yu.A. 8-67788
- Vodopyanov, L.K. *see* Plotnichenko, V.G. 8-60450, 8-60451
- Vodovatov, L.A. *see* Yeseppina, N.A. 8-96395
- Voegelin, B.E. *see* Behie, L.A. 8-91006
- Voegler, N. *see* Euteneuer, H. 8-54681
- Voelker, F. *see* Hopkins, D.B. 8-66394
- Voermans, A.B. *see* Breed, D.J. 8-52322
- Voevodskii, A.V. Large underground telescope of the USSR Academy of Sciences neutron observatory 8-73589
- Vogel, F. Ultrastructure of unfixed plasma membranes in ultrathin frozen sections 8-65161
- Vogel, H. *see* Bienlein, J.K. 8-93894
- Vogel, H.F. Parametric study of plasma startup systems for Tokamaks 8-62612
- Vogel, H.F. Gas breakers for Tokamak ohmic-heating duty 8-66396
- Vogel, J.A. *see* van Zwieten, G. 8-80942
- Vogel, P. *see* Akyas, V.R. 8-90323
- Vogel, R.H., Evans, B.J. Sublattice magnetizations and textures in SrFe₁₂O₁₉ ceramic compacts 8-68426
- Vogel, S.N. *see* Cohen, M. 8-96491
- Vogel, T.A. *see* Dye, J.L. 8-57205
- Vogel, W. *see* Schubert, M. 8-83028
- Vogel, W.M. *see* Klinedinst, K.A. 8-60979
- Vogelbein, W. *see* Predel, B. 8-52773
- Vogelbruch, K. *see* Hucks, P. 8-95625
- Voges, E. *see* Heibel, J. 8-71210
- Vogl, G. *see* Nakagawa, M. 8-71765
- Vogler, F. *see* Draxler, W. 8-66247
- Vogler, F. *see* Eyrych, W. 8-54774, 8-78301
- Vogler, M. Dissociative charge exchange in collisions of 10 keV H₂⁺ ions, on H₂, He, and Ar targets 8-94319
- Vogler, U.W. Suggested methods for determining the strength of rock materials in triaxial compression 8-81432
- Vogt, E. *see* Rowe, G. 8-74312
- Vogt, H. Mass transfer at gas evolving electrodes with superposition of hydrodynamic flow 8-73047
- Vogt, H., Neumann, G. Hyper-Rayleigh scattering in disordered sodium nitrate 8-52520
- Vogt, H., Neumann, G. Hyper-Raman spectra of alkali halides 8-84591
- Vogt, K.J. *see* Heinemann, K. 8-57081, 8-89990
- Vogt, M. *see* Deutsch, V. 8-60928
- Vogt, N. *see* Geyer, E.H. 8-73743
- Vogt, P.R. Long-wavelength gravity anomalies and intraplate seismicity 8-53606
- Vogt, R.E. *see* Althouse, W.E. 8-85797
- Vogten, L.L.M. Simultaneous pure-tone masking: The dependence of masking asymmetries on intensity 8-65041

- Vogten, L.L.M.** Low-level pure-tone masking: A comparison of 'tuning curves' obtained with simultaneous and forward masking 8-65042
- Vogtlin, G.E.** *see* Chargin, A.K. 8-54987
- Vohra, D.K.** *see* Hartland, S. 8-84030
- Vohra, K.G.** *see* Arora, P.K. 8-96310
- Vohra, Y.K.** Kinetics of phase transformations in Ti, Zr and Hf under static and dynamic pressures 8-80541
- Vohse, H.** *see* Simmen, B. 8-84848
- Voiculescu, Gh.** *see* Duma, M. 8-66451
- Voignier, J.** *see* Joly, S. 8-74530
- Voigt, C.** *see* Slowak, R. 8-84411
- Voigt, F.** *see* Gornert, P. 8-52691
- Voigt, G., Kimmich, R.** Frequency dependence of the nuclear magnetic relaxation time T_1 in solid polyethylene 8-72428
- Voigt, G.** *see* Menniger, H. 8-83695
- Voigt, G.** *see* Menninger, H. 8-91340
- Voigt, G.-H.** A static-state field-line reconnection model for the Earth's magnetosphere 8-61677
- Voigt, J.** *see* Ruckmann, I. 8-72548
- Voinov, O.V.** Inclination angles of the boundary in moving liquid layers 8-51149
- Voinov, V.P., Balim, G.M.** Effect of an insulating p-n junction on the static characteristics of a phototransistor in an integrated semiconductor circuit 8-52069
- Voinova, T.A.** Heavy-precipitation forecasting for the Fergana Valley 8-92946
- Voiron, J.** *see* Beille, J. 8-52191
- Voit, H.** *see* Duck, P. 8-82385
- Voitenko, A.P.** *see* Katrunova, E.A. 8-75235
- Voitenkov, A.I.** *see* Aleshkevich, N.I. 8-59166
- Voitlik, M.G., Molchanov, A.G., Popov, Yu.M.** Kinetics of stimulated emission of excimer radiation from inert gases in a nonself-sustained electric discharge 8-50753
- Voitikov, S.V.** *see* Poklonskii, N.A. 8-79959
- Voitlander, J.** *see* Sanger, W. 8-60265
- Voitsekhovskaya, O.K., Makushkin, Yu.S.** On the measurement of atmospheric SO_2 8-69484
- Voitsekhovskii, A.V.** Analysis of the performance of a photo-resistor based on $\text{Cd}_{1-x}\text{Hg}_x\text{Te}$ at large bias currents 8-76105
- Voitsik, L.R., Erozkolmskii, B.G.** Miniature source of slow protons for studying efficiency of their focusing 8-78538
- Voitylov, V.V., Trusov, A.A.** Theory of a method for studying steady-state electrooptical phenomena in disperse systems in uniform electrical fields 8-50699
- Vojkhanskaya, N.F., Gneden, Yu.N., Efimov, Yu.S., Mitrofanov, I.G., Shakhovskoj, N.M.** Observations of polarisation and spectrum of MV Lyr-candidate for a polar class 8-93322
- Vojta, G.** *see* Richter, R. 8-87969
- Vojtanik, P.** An equipment for measuring the temperature-time instability of the initial susceptibility of iron alloys 8-57989
- Vojtech, O.** *see* Neumann, L. 8-66353
- Vokac, P.R.** An on-line digital autocorrelator for speckle interferometry 8-81548
- Vokhmin, P.A.** *see* Batenin, V.M. 8-71466
- Vokhmin, P.A.** *see* Klimovskii, I.I. 8-71090
- Vokhmyanin, A.P., Kelarev, V.V., Pirogov, A.N., Sidorov, S.K.** Ferro→antiferromagnetic transformation in the system of ordered alloys $\text{Fe}_{1-x}\text{Mn}_x\text{Pt}_3$ at 4.2K 8-88117
- Vokin, H.C.** *see* Stark, E.E., Jr. 8-50818
- Volarovich, M.P.** *see* Budnikov, V.A. 8-61402
- Volatie, P., Giurgea, M., Sandulescu, D.** Excess thermodynamic quantities of aromatic hydrocarbon solutions in polar solvents, determined by Rayleigh light scattering 8-52523
- Volavsek, B.** *see* Kolar, D. 8-83794
- Volborth, A., Miller, G.E.** Fast-neutron activation analysis in coal research 8-85742
- Volcan, A.** *see* D'Agraves, B.C. 8-58362
- Volchenkova, Z.S., Sizintseva, N.F.** The thermoelectromotive force in $\text{ZrO}_2\text{-Sc}_2\text{O}_3$ solid electrolytes 8-95184
- Volchenok, V.L., Komarov, V.N., Kupriyanov, S.E.** Mass-spectrometric determination of the concentration of oxygen atoms in a glow discharge plasma in O_2 , CO and CO_2 8-87512
- Volchkov, E.P., Koz'menko, V.K., Lebedev, V.P.** Effect of the gradient of the velocity of the flow on the effectiveness of a gas curtain in axisymmetric nozzles 8-51215
- Volchok, I.P., Kovchik, S.E., Zima, M.N.** Determining the tendency of cast steel towards brittle fracture 8-56735
- Vold, P.B., Cline, D., Boyd, R.N., Clement, H., Alford, W.P., Kuehner, J.A.** Nuclear spectroscopy of the $(f_{7/2})^2$, $f_{7/2}p_{3/2}$ and $f_{7/2}p_{1/2}$ multiplets from the $^{44}\text{Ca}(d,p)^{45}\text{Ca}$ reaction 8-74374
- Vold, R.C., Hope, B.R.** Ultrasonic testing of deep concrete foundations 8-88858
- Vold, R.L.** *see* Pedersen, E.J. 8-60351
- Vold, R.L.** *see* Vold, R.R. 8-91985
- Vold, R.R., Sparks, S.W., Vold, R.L.** A determination of the ^{35}S quadrupole coupling constant in CS_2 from linewidth measurements 8-91985
- Vold, R.R.** *see* Pedersen, E.J. 8-60351
- Volegov, Yu.V.** *see* Budenkov, G.A. 8-72960, 8-72980
- Volf, M.B.** The multivariant system of oxides and prediction of their partial properties in oxide glasses. II 8-79540
- Volfovskii, I.G.** *see* Egorov, V.S. 8-71489
- Volger, J.** Cryogenics: a critical review 8-89485
- Volgin, V.I.** *see* Kovalenko, V.S. 8-95065
- Volgin, V.M., Lamden, K.S., Filippov, V.L., Shifrin, K.S.** Spectral transmittance study of the variability of a near-surface aerosol 8-69448
- Volgin, Yu.N.** *see* Averkiev, S.A. 8-88342
- Volino, F., Dianoux, A.J.** Neutron incoherent scattering law for diffusion in a cosine potential in one dimension: application to self-diffusion in smectic phases 8-83726
- Volino, F., Dianoux, A.J.** Octaphenylcyclotrisiloxane (OPCTS): A new kind of mesophase? 8-91224
- Volino, F.** *see* Albertini, G. 8-91428, 8-95143
- Volino, F.** *see* Bickermann, A. 8-79693
- Volino, F.** *see* Dianoux, A.-J. 8-91225
- Voliotis, S., Faucher, J., Fromage, F., Deviot, J.** Structure-properties correlations in the pentacarbonate complexes of thorium and cerium 8-95032
- Volk, C.** *see* Franz, F.A. 8-94201
- Volk, R.T.** *see* Poirier, J.A. 8-70699
- Volk, T.R., Ginzberg, A.V., Kovalevich, V.I., Shuvalov, L.A.** Electric fields during photorefraction in $\text{LiNbO}_3\text{-Fe}$ crystals 8-92047
- Volk, A.H.** Fields, particles and currents 8-82117
- Volk, G., Windsch, W.** Electron spin-echo investigations on structural phase transitions in solids 8-84476
- Volk, G.** *see* Brunner, W. 8-80208
- Vol'kenshtein, I.A., Kiselev, B.A., Lappo, A.P.** Determining the resolution of Fourier spectrometers by means of a solid-state Fabry-Perot etalon 8-89569
- Volkenshtein, N.V., Dyakina, V.P., Dyakin, V.V., Stratev, V.E., Azhazha, V.M., Kovtun, G.P., Elenskii, V.A.** Size effect in electrical resistivity of ruthenium and rhenium single crystals 8-87961
- Volkenshtein, N.V., Galoshina, E.V., Gorina, N.B., Korenovenko, N.L., Polyakova, V.P., Savitskii, E.M.** Magnetic susceptibility of transition metal alloys with a hexagonal closely packed structure 8-80138
- Volkenshtein, N.V., Startsev, V.E., Cherepanov, V.I.** Low temperature anomalies of the Hall effect in tungsten 8-91666
- Vol'kenshtein, N.V., Startsev, V.E., Cherepanov, V.I., Azhazha, V.M., Kovtun, G.P., Elenskii, V.A.** Anisotropy of the electrical resistance of ruthenium and rhenium single crystals in the temperature interval 2-300K 8-76041
- Volkenshtein, N.V.** *see* Cherepanov, A.N. 8-95290
- Volkenshtein, N.V.** *see* Startsev, V.E. 8-91600
- Volkstein, M.V.** *see* Belintsev, B.N. 8-73136
- Volkhov, D.J.** *see* Andreyev, P.A. 8-94557
- Volklin, H.C., Hafer, J.F.** Calculation of short pulse amplification in a large CO_2 laser amplifier 8-58979
- Volklein, F.** *see* Soa, E.-A. 8-60146
- Volkov, A.A.** *see* Asratyan, A.E. 8-62389
- Volkov, A.A.** *see* Bystron, V.P. 8-76428
- Volkov, A.D., Lukovenko, V.I., Shcherbinin, P.P.** Current-density distribution in a long cylindrical thermionic converter. II 8-79479
- Volkov, A.D., Lukovenko, V.I., Shorina, L.M., Shcherbinin, P.P.** Current-density distribution in a long cylindrical thermionic converter 8-71552
- Volkov, A.G.** *see* Boguslavskii, L.I. 8-64933
- Volkov, A.S.** *see* Ivanutin, L.A. 8-91796
- Volkov, A.V.** *see* Semenov, A.P. 8-72977
- Volkov, A.Yu.** *see* Milevskii, J. 8-63053
- Volkov, B.A., Gurevich, A.V., Kopae, Yu.V.** Inhomogeneous state of a Peierls insulator 8-67943
- Volkov, B.A., Kopae, Yu.V., Tugushev, V.V.** Curie law in diamagnetic susceptibility 8-64183
- Volkov, B.A., Kopae, Yu.V., Tugushev, V.V.** Inhomogeneous state of an excimer ferromagnet 8-88132
- Volkov, B.A., Kucherenko, I.V., Mousenko, V.N., Shotov, A.P.** Structural phase transition in $\text{Pb}_{1-x}\text{Sn}_x\text{Se}$ system under influence of temperature and hydrostatic pressure 8-51675
- Volkov, B.A., Mnatsakanov, T.T.** Interaction between localized moments in systems with electron-hole pairing 8-88111
- Volkov, B.I.** Accuracy estimate in measuring defect fields by means of Hall probes 8-53155
- Volkov, B.I.** Effect of compensation conditions on the indications of fault detector type VDG-3 for variations of the transducer-product clearance 8-85103
- Volkov, D.I.** *see* Borishanskiy, V.M. 8-75041
- Volkov, D.V.** *see* Akulov, V.P. 8-54568
- Volkov, D.V.** *see* Lutkov, A.I. 8-80487
- Volkov, E.D.** *see* Aleksin, V.F. 8-51339
- Volkov, E.P., Deniskin, V.P., Konstantinov, V.S., Nalivaev, V.I., Primmak, S.V.** Investigation of stability of readings of cable chromel-alumel and chromel-copel thermoelectric thermometers 8-93682
- Volkov, G.G., Liparteliani, A.G., Monich, V.A., Nikitin, Yu.P.** Mixing of leptons with different quantum numbers in gauge theories of weak and electromagnetic interactions 8-54601
- Volkov, G.G.** *see* Baranov, D.S. 8-62390
- Volkov, G.I.** *see* Verigin, M.I. 8-96418
- Volkov, L.A., Demakov, Yu.P., Dzhabarov, T.D., Kesamanly, F.P.** Diffusion of copper, gold, and zinc in $\text{Ga}_{1-x}\text{In}_x\text{P}$ solid solutions 8-87825
- Volkov, M.K.** Weak radiative decays of K_1 mesons in the chiral theory 8-78172
- Volkov, M.S.** *see* Baranov, A.S. 8-65663
- Volkov, N.G., Dorogov, V.I., Malakhov, Yu.I.** Interpolation of response function of gamma-ray spectrometers by splines 8-82561
- Volkov, N.G., Emel'yanov, V.M., Koldobskii, A.B., Krainov, V.P.** On below threshold nucleon exchange between fission fragments in two-centre oscillatory potential 8-89847
- Volkov, N.V., Dobren'kov, V.I., Inzhevatova, L.A., Trofimov, O.V.** Glow discharge with a hollow cathode system 8-75443
- Volkov, S.A.** Effect of vacuum heating on the stability of $\text{Ge-SiO}_2\text{-Al}$ MIS structures 8-64143
- Volkov, S.D., Dubrovina, G.I.** Instability of deformations in brittle fracture mechanics problems 8-63382
- Volkov, S.S., Koroleva, V.P., Kurakov, N.I., Martynov, E.B., Chernov, L.A.** Automatic eight-channel unit for recording tracer activity 8-86751
- Volkov, V.A., Gurenko, V.A., Mochalin, N.K., Smol'yaninov, L.V.** Extensometric measuring head for Akulov torque magnetometer 8-54411
- Volkov, V.A., Sandomirskii, V.B.** Influence of a natural superlattice from a high index surface on the spectrum of 2D electron gas in a multivalley semiconductor 8-68064
- Volkov, V.A.** *see* Kidin, I.N. 8-56823
- Volkov, V.B.** *see* Solov'ev, V.V. 8-82649
- Volkov, V.F.** *see* Eritenko, A.N. 8-56538
- Volkov, V.L.** The electron-phonon interaction in $\text{Pb}_{1-x}\text{Sn}_x\text{Te}$ 8-71819
- Volkov, V.L.** *see* Kapustkin, V.K. 8-64072
- Volkov, V.M.** The effect of certain factors on the rate of subcritical development of fatigue cracks 8-79276
- Volkov, V.V.** Deep inelastic transfer reactions—the new type of reactions between complex nuclei 8-74400
- Volkov, V.V., Akshentsev, Yu.N., Smirnov, L.V., Krintsinia, T.P., Voronina, L.P.** Singularities of directional solidification of the eutectic alloys $\text{Ni-Ni}_3\text{Ti}$, $\text{Fe-Fe}_2\text{Ti}$, and NiAl-Cr 8-68678
- Volkov, V.V., Karaseva, N.S., Lukasevich, L.P., Potapov, E.V., Rakov, A.V.** Linear transparency based on lithium niobate 8-60422
- Volkov, V.V.** *see* Artyukh, A.G. 8-89909
- Volkov, V.Z., Fikhman, V.D., Vinogradov, G.V., Isaev, A.I.** Entrance effects in viscoelastic fluid flow in cylindrical nozzles 8-59442
- Volkova, E.A., Etsina, A.L.** A method for determining the refraction index of solids 8-82023
- Volkova, G.A., Golubev, E.M., Kirillova, N.N., Podmoshenskii, I.V.** The development of a pulse gas calorimeter for vacuum ultraviolet radiation measurements 8-93688
- Volkova, G.A., Podmoshenskii, I.V., Smolyar, T.Y.** The effect of radiation by a pulse lamp on air. Reduction of breakdown potential 8-83518
- Volkova, G.A., Pukhov, A.M.** Pulse-operated argon lamp for the vacuum UV spectrum range 8-75453
- Volkova, G.N.** *see* Potapov, A.V. 8-71459
- Volkova, L.I.** *see* Skuratovskii, I.Ya. 8-76988
- Volkova, L.M.** *see* Devyatov, A.M. 8-67507, 8-67527
- Volkova, N.V., Tsuril'nik, P.N., Rozenman, L.S.** The effect of the growing condition of sodium chloride crystals on their light scattering coefficient 8-55418
- Volkova, S.B.** *see* Bichkov, Yu.I. 8-59545
- Volkovitskiy, O.A.** The change in the transmission of a water aerosol at the wavelength of the probing radiation in a zone where it has been cleared by a CO_2 laser beam 8-88919

- Voll, R.** see Dougherty, D. 8-77005
- Volland, H.** A model of the magnetospheric electric convection field 8-89004
- Volland, H., Grellmann, L.** A hydromagnetic dynamo of the atmosphere 8-96335
- Volland, U., Hosl, S., Spiering, H., Dezsi, I., Kemeny, T., Nagy, D.L.** Phase transformation in ferrous fluosulfate hexahydrate: X-ray and DSC study 8-83948
- Vollhardt, D., Maki, K.** Depairing critical currents in superfluid ^3He 8-56009
- Vollmar, S., Pompe, W.** On the influence of intermediate layers on the mechanical properties of particle compounds 8-63279
- Vollmer, H.** see Ivens, G. 8-54838
- Vollmers, K.W., Lowe, I.J., Punkkinen, M.** A method of measuring the initial behaviour of the free induction decay 8-80227
- Vollrath, L.** see Schmitt-Thomas, K.G. 8-52995
- Vollstadt, H.** see Stiller, H. 8-69337
- Vol'nin, E.N., Grachev, V.T., Gracheva, I.I., Zolotov, A.M., Seliverstov, D.M., Sliv, L.A., Smirnov, N.N.** Reaction channels for the spallation of ^{58}Ni by 1 GeV protons 8-74370
- Volobuev, P.V.** see Varaksin, A.N. 8-91483
- Volodarskii, V.V., Zhukov, V.K.** The possibilities of phase generator circuits in electromagnetic inspection 8-88614
- Volodicheva, M.I., Rebane, T.K.** Semiempirical functions of the precession magnetic shielding of the proton in the molecules of hydrogen and hydrogen halides 8-82654
- Volodin, E.Ya., Getselev, I.V., Gorchakov, E.V., Dunaevskii, A.V., Iozenas, V.A., Ignat'ev, P.P., Kontor, N.N., Lyubimov, G.P., Rozental', Yu.A., Ternovskaya, M.V., Tkachenko, V.I., Chashin, V.P., Shvidkovskaya, T.E., Yakovlev, V.A.** Measurement of cosmic rays on Mars 4, 5, 6, and 7 8-53779
- Volodin, V.L., Alyushin, Yu.A., Kravtsov, V.I., Kon'kov, Yu.D.** Equipment for determining growth rate of fatigue cracks in metals 8-60917
- Volodin, V.P.** see Anisimov, S.P. 8-88491
- Volodin, Yu.V.** see Pertsov, N.V. 8-53017
- Volodko, A.G.** see Amaglobeli, N.S. 8-54652
- Volodko, A.G.** see Bairamov, A.A. 8-78422
- Volod'ko, L.V., Titkov, E.F.** Nature of the equatorial bonds in uranyl complexes 8-82621
- Volod'ko, Yu.I.** see Emel'yanov, I.Ya. 8-86644
- Vologodskii, V.B.** Quantum electrodynamics with account taken of the interaction with a scalar gravitational field 8-93834
- Volokitin, A.I.** Effect of surface states on the chemisorption of hydrogen on semiconductors 8-51823
- Volokitin, A.S., Mishin, E.V.** The initial stage of neutralization of a missile at the electron beam injection in the ionosphere 8-93069
- Volokitin, A.S.** see Alterkop, B.A. 8-75341, 8-75367, 8-75375
- Volonte, S.** Polarisation shift effect in high-density plasmas 8-79412
- Volosevich, P.P.** see Basov, N.G. 8-79451
- Voloshchenko, A.P.** see Troshchenko, V.T. 8-64800
- Voloshchuk, V.I.** see Arkatov, Yu.M. 8-66264
- Voloshchuk, V.M.** A kinetic equation of stochastic coagulation clouds 8-92944
- Voloshchuk, V.M., Sedunov, Yu.S.** The kinetic equation of drop-spectrum evolution in the turbulent medium for the condensed stage in cloud development 8-81325
- Voloshin, A.** see Arcan, M. 8-85064
- Voloshin, M.B., Okun', L.B.** Electric charge conservation 8-77739
- Voloshin, M.B.** see Novikov, V.A. 8-62362
- Voloshin, M.B.** see Shifman, M.A. 8-74223
- Voloshin, M.B.** see Vainshtein, A.I. 8-82157, 8-89681
- Voloshin, V.A., Savitskii, A.I.** Energy transfer in rare earth complexes at high pressures 8-52541
- Voloshinov, E.B., Perepechko, I.I.** Velocity and absorption of ultrasound in polyalkanimide near liquid-helium-temperature 8-51619
- Volosov, V.D.** see Andreev, R.B. 8-66868
- Volosov, V.I.** see Bekhtenev, A. 8-51338
- Volosynk, V.A.** see Zhitomirskii, I.S. 8-62204
- Volosyuk, Yu.M.** Theory of the rectification effect in two-layer baths estimation of the dynamic rectification effect 8-95934
- Volotskoi, M.P., Kaidanov, V.I.** Study of kinetic effects in semiconductors and metals at high anisotropic strains 8-54384
- Volovel'skii, I.L.** see Kapinos, V.M. 8-63417
- Volovich, I.V., Zagrebnoy, V.A., Frolov, V.P.** Quantum fuel theory in asymptotically flat space-time 8-57846
- Volovik, G.E.** Vortex-free slippage of phase and oscillation of I vector in He3-A 8-63897
- Volovik, G.E.** Topological singularities at surfaces of ordered systems 8-79847
- Volovik, G.E.** see Dzyaloshinskii, I.E. 8-60288
- Volovik, N.V., Strashnikova, M.I.** Stimulated emission of radiation from an electron-hole plasma in a CdSe crystal and influence of temperature on emission 8-88331
- Volovik, N.V.** see Brodin, M.S. 8-92119
- Volovik, V.D., Ivanov, S.I.** Excitation of acoustoelectric oscillations of a piezoelectric dielectric by ionizing radiation 8-56191
- Volovik, V.D., Kobizskoi, V.I.** Acoustic radiation generated by ionizing particles in alkali halide single crystals 8-87726
- Volovov, V.I., Krasnoborod'ko, V.V., Lysanov, Yu.P., Sechkin, V.A.** Influence of layering of the bottom on the correlation and spectral characteristics of reflected frequency-modulated signals 8-50991
- Volpe, P.** see Castiglioni, M. 8-85187
- Volpi, G., Sguazzero, P.** The linearization of the quadratic resistance term in the equations of motion for a pure harmonic tide in a canal and the identification of the Chezy parameter. C 8-69369
- Volpi, R.M.** see Mintzer, S. 8-80609
- Volpilhae, G., Hoarau, J.** Effect of interlayer interactions on the diamagnetism of graphitic ribbons 8-52201
- Volpp, J.** see Schmidt-Bocking, H. 8-90188
- Volski, R.** see Artemov, K.P. 8-86486
- Vol'ter, V.G., Minaev, A.N., Sviridov, A.N.** Compact electron-beam-control led CO_2 laser with sealed electron guns 8-71119
- Voltolini, C.** see Braun, H. 8-58208
- Voltolini, C.** see Eisenberg, Y. 8-54657
- Voluchova, T.G.** see Borishansky, V.M. 8-90987
- Volyak, K.I.** Variational principle for a compressible fluid 8-83426
- Volyak, K.I.** see Abalieva, M.A. 8-83026
- Volyak, L.D.** see Stepanov, V.G. 8-56025, 8-63905
- Volyak, L.G.** see Vargaftik, N.B. 8-55903
- Volyar, A.A., Gnatovs'kii, O.V., Kuchikian, L.M., Loginov, O.P., Medved, N.V., Shpak, M.T.** The correction of the field wave-front coming out of a fibre lightguide 8-83081
- Volyar, A.V., Gnatovskii, A.V., Loginov, A.P., Medved, N.V., Shpak, M.T.** Reducing the lightguide output beam divergences 8-59148
- Volyar, A.V., Kuchikyan, L.M., Sidak, P.I.** On the effect of dielectric lightguide layer on the transmitted signal polarization 8-55466
- Volynets, A.Z.** see Belyanskii, G.G. 8-83936
- Volz, A., Ehhalt, D.H., Cosatto, H.** The vertical distribution of CFM and related species in the stratosphere 8-73476
- Volz, A.** see Hahne, A. 8-73405
- Volzhenskii, D.S., Savitski, V.G., Kotlyarchuk, B.K.** Switching mechanism in V_2O_5 single crystals 8-60175
- von Althaus, C.** The transverse motion of a particle in a turbulent boundary layer 8-79358
- von Allmen, M.** see Affolter, K. 8-79621
- Von Alpen, U.** see Bhattacharya, G. 8-60465
- von Baltz, R., Kraut, W.** A model calculation to explain the existence of bulk photo-currents in ferroelectrics 8-84256
- Von Bardeleben, H.J., Goltzene, A., Meyer, B., Schwab, C.** Effects of iron content and stoichiometry on the coloration of CuGaS_2 8-88336
- von Bardeleben, H.J., Goltzene, A., Schwab, C., Feigelson, R.S.** EPR characterization of optical-quality AgGaS_2 grown from the melt 8-64260
- von Behren, P.L.** see Weller, H.R. 8-66279
- von Blanckenhagen, P.** see Knorr, K. 8-76036
- von Brentano, P.** see Steinmetz, B. 8-86522
- von Burg, K.** see Funschilling, J. 8-52540
- von Campenhausen, C.** see Both, R. 8-96048
- Von Dardel, G.** see Albrow, M.G. 8-58214
- von der Heide, K.** see Knoechel, G. 8-73650
- von der Heyde, P.** see Hehl, F.W. 8-89388
- von der Linde, D.** see Schirmer, O.F. 8-76306
- Von der Ohe, W., Tindall, J., Brooks, R.E.** Optical signal processor for moving target indication 8-78944
- von der Osten, W.** see Dörner, B. 8-79810
- von der Schmitt, H.** see Besch, H.J. 8-93893
- von der Weid, J.P., Aegerter, M.A.** Optical F centre properties and phase transitions in KCN and NaCN crystals 8-56504
- von der Weid, J.P., Aegerter, M.A.** Studies of the tunnelling recombination between $\text{V}_k\text{-Na}^0$ centre pairs in CsI:Na crystals 8-91952
- von der Weid, J.P.** see Mori, Y. 8-60358
- von Dinkelake, R.-D.** see Schmidt-Ott, W.-D. 8-58252
- Von Dollen, F.J.** see McNally, K.C. 8-92791
- von Egidy, T., Desclaux, J.P.** Calculations of electron screening in muonic atoms 8-94339
- von Egidy, T., Kaiser, W., Mampe, W., Hillenbrand, C., Stoffl, W., Lanier, R.G., Muhl-bauer, K., Schult, O.W.B., Koch, H.R., Baader, H.A., Mlekodaj, R.L., Sheline, R.K., Shera, E.B., Ungrin, J., Prokofjev, P.T., Simo-nova, L.I., Balodis, M.K., Seyfarth, H., Kardon, B., Delang, W., Gottel, P., Breitig, D., Kane, W.R., Casten, R.F., Scheerer, H.J., Glassl, P., Huenges, E., Löffler, M., Rosler, H., Vonach, H.K.** Nuclear levels in ^{152}Eu 8-66215
- von Egidy, T.** see Daniel, H. 8-90326
- Von Egidy, T.** see Greenwood, R.C. 8-89819
- von Egidy, T.** see Maud, W. 8-82566
- von Engel, A.** see Vidaud, P.H. 8-75251
- von Eyss, H.J.** see Besch, H.J. 8-93893
- von Gager, Ch.** see Brandelik, R. 8-62416
- von Goeler, E.** see Oliver, W.P. 8-89857
- Von Goeler, S.** see Hinnov, E. 8-83537
- Von Goeler, S.** see Sauthoff, N.R. 8-89974
- von Gogh, R.G., Zib, P.** Comparison of simultaneous tethered balloon and monostatic acoustic sounder records of the statically stable lower atmosphere 8-73451
- von Gontard-Meyer, K.** see Eberhardt, G. 8-92730
- von Grossmann, J.** see Dahne, G. 8-89575
- von Grunhagen, W.** Michaelis see Michaelis von Grunhagen, W.
- Von Gunten, H.R.** see Kaiser, T. 8-54807, 8-70578
- Von Gunten, W.R.** see Meyer, G. 8-54351
- von Gutfeld, R.J.** see Berger, I. 8-94495
- von Heimendahl, L.** Improvements of the equation of motion technique for disordered systems 8-51634
- von Hellermann, M.** see Dobe, H.F. 8-51351
- Von Herzen, R.P.** see Anderson, R.N. 8-73331
- Von Hoerner, S.** Minimum-noise maximum-gain telescopes and relaxation method for shaped asymmetric surfaces 8-65498
- Von Hofe, S.E., Dorfman, S.G., Carretta, R.F., Young, R.L.** The increasing incidence of hypothyroidism within one year after radioiodine therapy for toxic diffuse goiter 8-65116
- Von Holt, K.** see Blobel, V. 8-58213
- Von Holt, K.** see Bockmann, K. 8-93912
- Von Holt, K.** see Idschok, U. 8-93908
- Von Klitzing, K.** see Englert, T. 8-60215, 8-60228
- von Klitzing, K.** see Englert, Th. 8-88041
- Von Lintig, R.** see Snover, K.A. 8-70443
- von Lohneysen, H., Tholen, J.L., Steglich, F.** Magnetic properties of $(\text{La,Gd})\text{Al}_2$ alloys 8-52299
- von Meerwall, E.D.** A FORTRAN program for routine analysis of magnetic susceptibility data 8-91847
- von Mengden, H.-J., Wellner, U., Brodda, K.** Discrimination between LBBB with and without myocardial infarction in computer treated VCG: a preliminary survey 8-85448
- Von Molnar, S.** see Coey, J.M.D. 8-91874
- von Molnar, S.** see Holtzberg, F. 8-68237
- von Molnar, S.** see Tsui, C.C. 8-83896
- von Nettelhorst, H., Rossdiescher, W.** Portable heart-rate store with PLL circuit 8-65139
- Von Niessen, W.** see Domcke, W. 8-82619
- Von Niessen, W.** see Schirmer, J. 8-70883, 8-82784
- von Oertzen, W.** see Pieper, S.C. 8-82378
- Von Olshausen, R.** see Beyer, M. 8-72461
- Von Ortenberg, M., Tüchender, J., Silbermann, R., Tuillier, J.C.** Frequency dependence of the surface cyclotron resonance of tellurium 8-64084
- von Ortenberg, M.** see Appold, G. 8-52494
- von Roos, O.** Recombination-generation currents in degenerate semiconductors 8-52007
- von Rosenvinge, T.** see Ogilvie, K.W. 8-85785
- Von Rosenvinge, T.T., McDonald, F.B., Trainor, J.H., Van Hollebeke, M.A.I., Fisk, L.A.** The medium energy cosmic ray experiment for ISEE-C 8-85798
- Von Rosenvinge, T.T.** see McGuire, R.E. 8-93065
- Von Rossen, P.** see Hinterberger, F. 8-62553
- Von Ruden, W.** see Hansl, T. 8-74244, 8-89860
- von Rump, S.L.** see Tolmachev, A.P. 8-92756
- von Schickfus, M.** see Strom, U. 8-92013
- Von Schluppe, W.** see Kroll, P. 8-66139, 8-70395
- von Schutz, J.U.** see Eichele, H. 8-76355
- Von Seelen, W.** see Turke, B. 8-92749
- von Seggern, H.** Thermal-pulse technique for determining charge distributions: Effect of measurement accuracy 8-80287
- von Sonntag, C.** see Dizdaroğlu, M. 8-85290
- Von Stromberg, G.** see Pohlitz, O. 8-92741
- Von Tippelskirch, H.** see Ohse, R.W. 8-59931
- von Waldkirch, T.** see Busch, G. 8-83955
- Von Westenholz, C.** Differential forms in mathematical physics 8-81810
- Von Wienskowsky, J.** Carbon monoxide adsorption on cleaved Si (111) and Ge (111) surfaces 8-79885
- Von Zahn, U.** see Trinks, H. 8-77383

- von Zweck, H.** New different development in high-vacuum feedthroughs 8-70139
- Vonach, H.** see Mannhart, W. 8-55087
- Vonach, H.K.** see von Egidy, T. 8-66215
- Vonbun, F.O., Marsh, J.G., Lerch, F.J.** Computed and observed ocean topography: a comparison 8-77250
- Vondel, D.F.** Van de see Van de Vondel, D.F.
- Vondel, D.F.** Van De see Van De Vondel, D.F.
- Vondenhof, T.** see Mottaghy, K. 8-96117
- Vonder Haar, T.H.** see Ellis, J.S. 8-73300
- Vonder Haar, T.H.** see Reynolds, D.W. 8-96259
- Vondrak, J. A.** A new method of reducing PZT observations 8-73656
- Vondrak, R.R., Sears, R.D.** Comparison of incoherent scatter radar and photometric measurements of the energy distribution of auroral electrons 8-77390
- Vong Duc Dao** see Dao Vong Duc
- Vonnegut, B.** see Watkins, D.C. 8-53711
- Voook, R.W.** see Cain, O.J. 8-84101, 8-91558
- Voook, R.W.** see Ho, J.H. 8-72025
- Voorhees, B.H.** On the algebraic type of space-times possessing a nonsingular killing horizon 8-62126
- Voorhoeve, R.J.H., Trimble, L.E.** Formation of cyanates in the interaction of nitric oxide, carbon monoxide, and hydrogen over platinum, rhodium, ruthenium and osmium 8-73082
- Voorst, J.D.W.** van see van Voorst, J.D.W.
- Voorst, J.D.W.** van see Van Voorst, J.D.W.
- Voorhuis, H.** see Gavillet, P. 8-70409
- Voorhuis, H.** see Jongejans, B. 8-78177
- Voorhuis, H.** see Teodoro, D. 8-89767
- Vopa, P.** La see La Vopa, P.
- Vopilkin, A.Kh., Ermolov, I.N., Ivanov, V.I., Krasinskii, P.Ya., Ryzhov-Nikonov, V.I.** Theoretical analysis of wideband transducers 8-71257
- Vopilkin, A.Kh., Ermolov, I.N., Ivanov, V.I., Ryzhov-Nikonov, V.I.** Ultrasonic wideband probes and their experimental analysis 8-72979
- Vopilkin, A.Kh., Ermolov, I.N., Staseev, V.G. A.** theoretical study of ultrasonic spectral analysis of flaws 8-95897
- Vopilkin, A.Kh.** see Basatskaya, L.V. 8-95217
- Voplov, E.A.** see Buznik, V.M. 8-88200
- Vorbeck, M.L.** see Tenny, J.R. 8-76984
- Vorobei, A.V.** see Matus, V.K. 8-77026
- Vorob'ev, A.A.** Electromagnetic radiation in the process of crack formation in dielectrics 8-76771
- Vorob'ev, A.A., Kaplin, V.V., Vorob'ev, S.A., Popov, D.E.** Temperature dependence of anomalous Rutherford scattering of fast electrons in crystals 8-83857
- Vorob'ev, A.S.** see Punin, Yu.O. 8-95006
- Vorob'ev, A.V.** see Panfilov, B.A. 8-95389
- Vorob'ev, G.M.** see Bespal'kova, I.A. 8-60598
- Vorob'ev, N.A., Bich, E.N.** Effect of mechanical treatment on the properties of alloy D16 8-56674
- Vorobev, P.A., Mizin, V.M., Tomokhovich, N.V.** Participation of highly excited states of molecules in the process of laser destruction of phthalocyanine dyes 8-53231
- Vorob'ev, P.V.** see Morozov, E.V. 8-53080
- Vorob'ev, S.A.** see Abakumov, G.A. 8-50773
- Vorob'ev, S.A.** see Aref'ev, K.P. 8-84676
- Vorob'ev, S.A.** see Kaplin, V.V. 8-87731
- Vorob'ev, S.A.** see Vorob'ev, A.A. 8-83857
- Vorob'ev, S.A.** see Zimin, N.I. 8-64425
- Vorob'ev, V.S.** see Biberman, L.M. 8-83558
- Vorob'ev, V.V., Murav'ev, N.I., Sorokin, Yu.M., Shemetov, V.V.** Thermal self-interaction of annular laser beams in a moving medium 8-71159
- Vorob'ev, Yu.B., Zakharchenko, V.N., Fomin, N.G.** Application of two-ray methods to modulation spectroscopy 8-54469
- Vorob'ev, Yu.M., Plakhov, D.D.** Transmission of a sound wave across a laminated plate reinforced with beams characterized by randomly fluctuating parameters 8-90584
- Vorob'eva, G.L., Kuzovlev, I.A.** Polarographic determination of tellurium 8-61100
- Vorob'eva, N.I.** see Ginzburg, S.K. 8-95795
- Vorobiev, S.A.** see Arefiev, K.P. 8-63791, 8-76552
- Vorobiev, S.A.** see Kaplin, V.V. 8-75698
- Vorobiev, S.A.** see Plotnikov, S.V. 8-84646
- Vorobyev, A.A.** see Basov, A.A. 8-79060
- Vorobyev, A.A.** see Burq, J.P. 8-89741
- Vorobyov, A.A.** see Alkhasov, G.D. 8-70536
- Vorobzhanskaya, E.V.** see Loskutov, V.V. 8-79548
- Voronchikhina, T.I.** see Roitman, L.Kh. 8-85051
- Voronetskii, I.Ya.** see Kipnis, B.A. 8-74024
- Voronin, V.P.** see Magdenko, A.N. 8-56799
- Voronin, V.S., Krastelev, E.G., Lebedev, A.N., Yablokov, B.N.** The critical current of a relativistic electron beam in a vacuum 8-71016
- Voronina, I.M.** see Fogel'son, R.L. 8-91484
- Voronina, L.P.** see Volkov, V.V. 8-68678
- Voronina, V.F.** The relationship between the position of the subarctic frontal zone and the seasonal activity of typhoon trajectories over the northwest Pacific 8-61526
- Voronkin, V.G., Lunev, V.V., Nikulin, A.N.** On a stable shape of bodies experiencing destruction by aerodynamic heating 8-75162
- Voron'ko, Yu.K.** see Aleksandrov, V.I. 8-88312
- Voronko, Yu.K.** see Basiev, T.T. 8-80417
- Voronkova, V.I.** see Yanovskii, V.K. 8-72157, 8-79599
- Voronov, F.F., Grigor'ev, S.B.** High-pressure apparatus for ultrasonic measurements at pressures up to 100 kbar 8-79176
- Voronov, F.F., Prokhorov, V.M., Grominskaya, E.L., Il'ina, G.G.** Second and third order elasticity moduli of molybdenum single crystals 8-75704
- Voronov, F.F., Stal'gorova, O.V.** Elastic properties of barium subjected to pressures of 20-70 kbar at 20°C 8-87735
- Voronov, G.S.** see Berzhetskii, M.S. 8-59547
- Voronov, P.S.** see Chernov, Z.S. 8-94919
- Voronov, V.V., Karlov, N.V., Kuz'min, G.P., Kuz'minov, Yu.S., Kuritsyn, B.A., Nikiforov, S.M., Oskiko, V.V., Prokhorov, A.M.** Fast-response pyroelectric crystal detector based on Ba_{0.25}Sr_{0.75}Nb₂O₆ 8-49904
- Voronov, V.V., Kuz'minov, Yu.S.** Electrical and photoelectric phenomena occurring during conversion of ferroelectric barium-sodium niobate to single-domain state 8-88271
- Voronov, V.V.** see Soloviev, V.G. 8-89774
- Voronov, V.V.** see Vaivod, P.A. 8-68466
- Voronova, I.V., Mikhailov, N.N., Sotnikov, G.V., Zaikin, V.Ju.** The influence of radiation damages on the superconducting properties of Nb₃Sn 8-52127
- Vorontsov, S.A., Dolgoplov, D.G.** Effects of impurities and temperature on the singularities of magnetic susceptibility of metals 8-84429
- Vorontsov, S.S., Ivanchenko, A.I., Shepelenko, A.A.** On the influence of fluid-dynamic phenomena on the transverse electrical glow discharge 8-71619
- Vorontsov, S.S., Ivanchenko, I.A., Shepelenko, A.A., Yakobi, I.A.** Glow discharge transverse to a gas flow 8-78992
- Vorontsov, V.I.** Faraday nonreciprocal effect in moving optically active media 8-55298
- Vorontsov, V.I., Parkhomenko, Yu.N., Shpak, I.V.** Light diffraction on the ribbed surface with random nonuniformities 8-58916
- Vorontsov, V.I.** see Mikhailov, A.M. 8-56597
- Vorontsov, Yu.I., Kolesov, V.V.** Sensitivity of energy measurements for VHF resonators using an electron beam 8-77944
- Vorontsov-Veliaminov, P.N., Shevkunov, S.V., Fursy, G.N.** Computer simulation of equilibrium and kinetic properties of ionic and plasma clusters 8-71533
- Vorontsov-Vel'iaminov, P.N., Shiff, V.K.** Monte Carlo calculation of ionic system with mild repulsion 8-94891
- Vorontsov-Vel'iaminov, P.N.** see Pavlov, V.A. 8-95146
- Vorontsova, L.A.** see Borishanskiy, V.M. 8-75041
- Vorontsova, Ye.A., Zelenskiy, B.G., Kuzivanov, V.A., Kuzivanov, S.V., Nemtsov, L.D., Fomin, S.P., Chernyshov, A.V.** Compensation of the cross-coupling effect in marine gravimetric measurements by the "intersection"-point method 8-57340
- Voropaev, G.A., Babenko, V.V.** Turbulent boundary layer on an elastic surface 8-75153
- Voropinov, A.I., Gandel'man, G.M., Dmitriev, N.A., Podval'nyi, V.G.** Pressure in metals in the Hartree-Fock approximation 8-72103
- Voros, A.** An algebra of pseudodifferential operators and the asymptotics of quantum mechanics 8-93547
- Voros, A.** see Balian, R. 8-93557
- Voroshilov, B.S., Grachev, A.B., Brodyanskii, V.M.** Contact heat transfer between heat-liberating element and surface of subliming solid cryoagent 8-81987
- Vorotnikov, V.I., Prokop'ev, V.P.** Stability of motion relative to part of the variables for linear systems 8-86144
- Vorotnytsev, M.A.** Model nonlocal electrostatics. II. Spherical interface 8-82880
- Vorotnytsev, M.A.** see Kornyshev, A.A. 8-71877, 8-82879, 8-84154
- Vorozhtsov, B.I.** see Gavinskii, Yu.V. 8-53107
- Vorpahl, J.A.** Physical conditions in the solar corona during flare-like events 8-61827
- Vorpahl, J.A.** Physical conditions in the corona for a bipolar magnetic region 8-77534
- Vorreiter, J.W., McCreight, C.R.** Cryogenic cooling requirements of photoconductive infrared detectors for orbiting astronomical telescopes 8-96400
- Vorsin, N.N.** see Bordonskii, G.S. 8-69353
- Vorsin, N.N.** see Etkin, J.S. 8-61425
- Vorthman, J.E.** see Dick, J.J. 8-64317
- Vorypaev, G.G.** A slot-shaped erosive plasmatron 8-75437
- Vorypaeva, N.S., Nikolaevskii, L.S., Podmoshenskii, I.V.** Equilibrium state of a small hydrogen impurity in highly ionized argon 8-83597
- Vorypayeva, N.S., Demidov, M.I., Podmoshenskii, I.V., Podmoshenskaya, S.V.** The effect of strong transverse blowing on a high-voltage spark 8-91183
- Vos, A.** see Kiers, C.Th. 8-55847
- Vos, A.** see Kroon, P.A. 8-91384
- Vos, A.** see Van Nes, G.J.H. 8-63744
- Vosahlik, V.** see Bartakova, B. 8-67450
- Vosen, S.R., Bender, D.J., Fink, J.H., Lee, J.D.** Mechanical design criteria for continuously operating neutral beams 8-66380
- Voshage, H., Feldmann, H.** Investigations on cosmic-ray-produced nuclides in iron meteorites. I. The measurement and interpretation of rare gas concentrations 8-65473
- Voshall, R.E.** see Emtage, P.R. 8-75468
- Voshchinnikov, N.V.** Simplified models of reflection nebulae 8-96526
- Vosikovskiy, O.** Frequency, stress ratio, and potential effects on fatigue crack growth of HY130 steel in salt water 8-72929
- Vosjan, J.H., Tijssen, S.B.** Respiratory electron transport system (ETS) activity variations in a tidal area during one tidal period 8-73403
- Vosko, S.H., MacDonald, A.H., Liu, K.L.** Variational principle for wavevector-dependent spin susceptibility: paramagnetic and ferromagnetic systems 8-91586
- Vosko, S.H.** see Liu, K.L. 8-76230
- Voskoboinik, I.A.** see Bobrenko, V.M. 8-56859
- Voskoboinikov, I.M., Gogulya, F.F., Voskoboinikova, N.F., Gel'fand, B.E.** A possible scheme for describing shock wave compression of porous samples 8-63807
- Voskoboinikov, M.D.** see Kosevich, V.M. 8-68695
- Voskoboinikov, V.V.** see Bogdanov, S.V. 8-90623
- Voskoboinikova, N.F.** see Voskoboinikov, I.M. 8-63807
- Voskresenskaya, E.V., Kamchatnyi, Yu.G., Marchenko, A.T.** Determining the mean grain size of tungsten alloys by the acoustic method 8-72961
- Voskresenskii, D.N.** see Chernoutsan, A.I. 8-54717
- Voskresenskii, D.N.** see Mur, V.D. 8-78123
- Voslamber, D.** see Le Quang Rang 8-67325
- Voss, E.** see Kruger, F.J. 8-80751
- Voss, G.A.** The e⁺-e⁻ storage ring PETRA: design and present status 8-78530
- Voss, G.A.** Single beam collective phenomena in electron storage rings diagnosis and cures 8-78893
- Voss, H.-J.** see Schurmann, E. 8-72777
- Voss, H.L., Kraynovich, D., Hoke, W.E., Flygare, W.H.** The molecular Zeeman effect in vinyl formate using a conventional Stark modulated spectrometer and a Fourier transform spectrometer 8-50572
- Voss, R.** see Baum, L. 8-89758
- Voss, R.G.P.** The nuclear structure facility at Daresbury laboratory 8-55056
- Voss, R.G.P.** New accelerator to study nuclear structure 8-66433
- Voss, W.** Mechanism of parallel discharge growth during impulse breakdown in air 8-63607
- Voss-Spilker, P.** Flow measurements in two phase diffuse flow 8-59513
- Vossen, J.L.** see Lehmann, H.W. 8-92191
- Vossen, J.W.G.L.** see Jayaram, K. 8-87527
- Vostroknutov, N.N., Zemel'man, M.A., Koshlakov, V.M.** Selection of standard facilities for periodic inspection using probabilistic criteria 8-77839
- Vostry, P.** On the influence of silver on the recovery spectrum of quenched cadmium foils 8-76661
- Vostry, P.** see Sprusil, B. 8-68827
- Vostry, P.** see Trojanova, Z. 8-60675
- Vostry, P.** see Vlach, E. 8-88478
- Vozzka, R.** see Foldvari, I. 8-92097
- Votinov, P.A., Eremin, V.K., Stokan, N.B., Tisnek, N.I., Shamagdiev, A.Sh.** Pulse-height and time analyzer for nuclear radiation semiconductor detectors 8-78592
- Votruba, M.F.** see Baubillier, M. 8-93877
- Votruba, M.F.** see Emms, M.J. 8-89734
- Votta, L.** see Cutts, D. 8-89746
- Votta, L.** see Elias, J.E. 8-82241
- Votyakov, S.L.** see Novikov, L.N. 8-50491
- Voudouris, M.** see Milia, F. 8-52375
- Vourvopoulos, G., Paradellis, T.** Fragmentation of the g_{s/2} analog state in ⁵⁵Co 8-70506
- Vourvopoulos, G.** see Cindro, N. 8-74384
- Vourvopoulos, G.** see Paradellis, T. 8-74353
- Vovenko, A.S.** see Asratyan, A.E. 8-62389
- Vovnenko, V.I., Glinchuk, K.D., Prokhorovich, A.V.** Effect of heat treatment on interband luminescence intensity in n-type GaAs 8-72593
- Vovnenko, V.I.** see Glinchuk, K.D. 8-84645

- Voyevodskaya, N.V.** *see* Vanin, A.F. 8-69013
- Voytenko, D.A.** *see* Kirov, A.G. 8-75478
- Voyvodic, L.** *see* Bust, C.P. 8-93909
- Voyvodic, L.** *see* Singer, R. 8-54659
- Vozilkin, V.A., Zuev, M.T., Buinov, N.N., Dobromyslov, A.V.** Singularities of the $\beta \rightarrow \omega$ transformation in Zr-Nb and Zr-Nb-Ge alloys with a high content of the β -stabiliser 8-76644
- Vozlinskii, V.I.** On the stability of equilibrium branching points 8-86143
- Voznyak, V.M.** *see* Yelfimov, Ye.I. 8-96008
- Voznyi, P.A., Churaev, N.V.** Thermoosmotic flow of water in porous glasses: I. Investigation techniques 8-53248
- Voznyuk, P.O., Dubinin, V.N., Razumov, O.N.** Magnetic structure of ultrafine β -FeOOH particles 8-72372
- Voznyuk, P.O., Dubinin, V.N., Shevel', V.N.** Mossbauer's studies of iron charge states from $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ crystals irradiation with ^{60}Co gamma-quanta 8-84509
- Vrable, D.** *see* Sager, P. 8-54977
- Vrable, D.L.** *see* Kearney, D.W. 8-66387
- Vrakking, J.J.** *see* Mulder, B.J. 8-79115
- Vranchev, A.I., Genchev, Z.D.** Ionization waves in a low-voltage argon arc 8-79481
- Vranchev, A.I.** *see* Genchev, Z.D. 8-87563
- Vranchev, A.I.** *see* Genchev, Zh.D. 8-83519
- Vrba, P., Schrotter, J., Jarosova, P., Korbel, S.** The dispersion relation of the charge and current compensated relativistic electron beam-plasma system 8-83580
- Vrba, V.** *see* Dzhambusina, M. 8-89762
- Vrba, V.** *see* Ermilova, D.I. 8-62468
- Vrbka, J.** The dislocation structure and course of plastic deformation in the cylindrical bar made of steel CSN 12010 loaded by longitudinal impact 8-60713
- Vrbova, M.** Damage limited pulsewidth of a passive Q-switched ruby oscillator 8-83004
- Vrcelj, Z.** A criticism of the 'absolute space-time theory' 8-86210
- Vrcelj, Z.** Special relativistic dynamics of a particle 8-93529
- Vrcelj, Z., Kiewiet De Jonge, J.H.** An invariant relation in the elliptic restricted problem of three bodies. I 8-69662
- Vrcelj, Z., Kiewiet De Jonge, J.H.** An invariant relation in the elliptic restricted problem of three bodies. II. Trojan asteroids 8-69726
- Vreeburg, J.** *see* Engquist, B. 8-67281
- Vreede, J.P.M.** *see* de Vreede, J.P.M.
- Vrehen, Q.H.F.** Superfluorescence of caesium atoms 8-70780
- Vrehen, Q.H.F.** *see* Gibbs, H.M. 8-86837
- Vreislander, J.** *see* Hartmann, J. 8-62460
- Vrejoiu, C., Costescu, A., Burlacu, L.** Generalized calculus of the coefficients of asymptotic series using the steepest descents method 8-89304
- Vrentas, J.S., Duda, J.L., Lehmkuhl, G.D.** Characteristics of radial transport in solid-liquid slug flow 8-63495
- Vreux, J.M.** *see* Barbier, R. 8-65602
- Vriens, L.** Multistep ionization in the positive column of low-pressure Na-Ne and Ne discharges 8-75446
- Vriens, L., Keijser, R.A.J., Ligthart, F.A.S.** Ionization processes in the positive column of the low-pressure Hg-Ar discharge 8-75445
- Vries, A.de** *see* de Vries, A.
- Vries, A.E.de** *see* De Vries, A.E.
- Vries, A.J.de** *see* de Vries, A.J.
- Vries, D.A.de** *see* de Vries, D.A.
- Vries, H.de** *see* de Vries, H.
- Vries, H.Gorter** *see* Gorter De Vries, H.
- Vries, J.de** *see* de Vries, J.
- Vries, M.S.de** *see* De Vries, M.S.
- Vries, P.L.de** *see* De Vries, P.L.
- Vrieslander, J.** *see* Conetti, S. 8-93905
- Vrij, A.** Light scattering of a concentrated multicomponent system of hard spheres in the Percus-Yevick approximation 8-94368
- Vrobel, L.** *see* Pitter, J. 8-91486
- Vrolijk, J.W.G.A.** *see* Bastin, G.F. 8-67684
- Vroman, A.J.** On the origin of the Mediterranean and other marginal seas 8-69322
- Vroom, D.A.** *see* Rutherford, J.A. 8-70225, 8-82835
- Vroom, W.I., Jr.** *see* Miller, T.J. 8-87138
- Vroomen, A.R.de** *see* de Vroomen, A.R.
- Vrtanesyan, G.S., Khalilev, V.D.** Some properties of glasses in the $\text{BaPO}_3\text{-Al}_2\text{O}_3\text{-B}_2\text{O}_3$ system 8-63676
- Vrtanesyan, G.S., Khalilev, V.D.** The effect of fluorine on the properties of borophosphate glasses 8-67657
- Vsekhsviat'sky, S.K.** *see* Koutchmy, S. 8-89140
- Vshivtsev, A.S., Pavlenko, Yu.G., Selimov, B.K.** Radiation of relativistic particles in a magnetic undulator 8-66729
- Vsileva, G.L.** *see* Mukhamedgalieva, A.F. 8-76560
- Vstovskii, V.P.** Macroscopic description of open dynamical systems 8-62146
- Vtyurin, A.N.** *see* Aleksandrov, K.S. 8-79073
- Vu, H.** *see* Clermontel, D. 8-78687
- Vu Dong** *see* Endres, H. 8-55860, 8-63741
- Vu Duy Phach** *see* Honerlage, B. 8-72509, 8-80406
- Vu Gon-Han** *see* Chen Yung-Sow 8-78290
- Vuchkov, N.K., Sabotinov, N.V.** Pulse generation of Cl II in vapours of CuCl and FeCl₂ 8-58990
- Vucic, Z., Subasic, D., Ogorelec, Z.** The determination of the crystal-liquid interfacial tension in germanium 8-75809
- Vugal'ter, G.A., Demikhovskii, V.Ya.** Nonlinear interaction of strong and weak sound waves in metals 8-59865
- Vugman, N.V., Rossi, A.M., Danon, J.** EPR of electron irradiated $\text{K}_4\text{Os}(\text{CN})_6$ in KCl single crystals 8-60335
- Vugmeister, B.O.** *see* Afraimovich, E.L. 8-61651
- Vuillemin, J.J.** *see* Harte, G.A. 8-75982
- Vuillemin, J.J.** *see* Webb, R.A. 8-91799
- Vuillemin, V., Feldman, G.J., Feller, J.M., Fong, A., Barbaro-Galtieri, A., Ely, R., Gobbi, B., Hanson, G., Jaros, J.A., Kwan, B.P., Lecomte, P., Litke, A.M., Luke, D., Madaras, R.J., Miller, D.H., Parker, S.I., Peruzzi, L., Piccolo, M., Pun, T.P., Rapidis, P.A., Ronam, M.T., Ross, R.R., Scharre, D.L., Tripp, T.G., Yount, D.E.** Inclusive studies of D-meson decays at the $\psi(3772)$ 8-93876
- Vuillemin, V.** *see* Feller, J.M. 8-66136
- Vuillemin, V.** *see* Jaros, J.A. 8-50042
- Vuillemin, V.** *see* Jayet, B. 8-74271
- Vuillemin, V.** *see* Scharre, D.L. 8-89723
- Vuitsi, K.A.** *see* Raevskii, I.P. 8-92029
- Vukanovic, D., Vukanovic, V., Simic, M., Nickel, H.** The rotation of two low-current arc plasmas in a graphite tube 8-71599
- Vukanovic, V.** *see* Vukanovic, D. 8-71599
- Vukelich, S.B.** *see* Serkhovets, S.I. 8-95732
- Vukicevic, D.** *see* Helbig, V. 8-67479
- Vukovic, M., Matic, B.** Solution of the problem of non-steady flow in a two-layer porous medium 8-81260
- Vukovich, F.M., Crissman, B.W.** Observations of the intrusion of a narrow warm tongue into the Sargasso Sea using satellite and in situ data 8-73382
- Vuks, M.F.** *see* Belyakova, V.M. 8-84636
- Vukusic, J.I.** *see* Hodgkinson, I.J. 8-74914, 8-86322
- Vul', A.Ya., Nabiev, Sh.I., Shik, A.Ya.** Thermal quenching of the residual conductivity of n-type GaSb:S 8-56188
- Vul', A.Ya.** *see* Krukovskaya, L.P. 8-56229
- Vul, B.M.** The sixtieth anniversary of the Soviet revolution. [Brief history of semiconductor physics and technology] 8-54142
- Vul, B.M., Zavaritskaya, E.I.** Shubnikov-de Haas oscillations in cleavage plane of germanium bicrystal 8-64094
- Vulcan, A.I.** *see* George, J. 8-57910
- Vulkov, K.** Astronautical generalisation of the effects of relativity due to flyby of a central field of gravitation 8-61729
- Vulli, M., Starke, K.** Relations between calculated cross sections and measured intensities of photoelectron lines. I. Cross sections from X-ray absorption data and evaluation of parameters required for comparison 8-56562
- Vulli, M., Starke, K.** Relations between calculated cross sections and measured intensities of photoelectron lines. II. Measurement of line intensities 8-56563
- Vulliet, P., Baudry, A., Boyer, P., Tissier, A.** Perturbed angular correlation measurements of electric field gradient at the metal site in $\text{M}_4\text{Hf}(\text{C}_2\text{O}_4)_4 \cdot n\text{H}_2\text{O}$ ($\text{M} = \text{Na, K, Rb, Cs, NH}_4$) compounds 8-52380
- Vulpatti, G.** Direct fission propulsion: improvement of a series-staged starship from Impulsive Jettisoning Policy 8-61706
- Vulpis, N., Tognacci, L., Scarpa, G.** Chromosome aberrations as a dosimetric technique for fission neutrons over the dose-range 0.2-50 rad 8-69145
- Vuntsevich, I.L., Mul'chenko, B.F., Pilipetskii, N.F., Suponin, V.I.** Light absorption and laser-crack development. II 8-68780
- Vuori, S.** Fast correction of cloud dose data files due to changes in dispersion parameters 8-80969
- Vuori, S.** *see* Savolainen, I. 8-50281
- Vuorio, M.** Vortex deformation and reduction of the Lorentz force 8-84368
- Vuskovic, L., Srivastava, S.K., Trajmar, S.** Electron scattering by highly polar molecules. II. LIF 8-50641
- Vuye, G.** *see* Jouve, G. 8-76788
- Vuye, G.** *see* Lafait, J. 8-76418
- Vuye, G.** *see* Lopez-Rios, T. 8-60178
- Vuzhva, A.D.** Self-induced transparency in ionic crystals 8-90462
- Vyacheslavov, L.N.** *see* Burmasov, V.S. 8-75372
- Vyakhirev, V.D.** *see* Benediktov, E.A. 8-61652
- Vyas, G.D.** *see* Rastogi, R.G. 8-61647
- Vyas, P.** *see* Lal, S. 8-62514
- Vyas, P.D., Sharma, B.L.** Behaviour of gold in the vicinity of the Au-Ge/n-GaAs interface during annealing 8-75947
- Vyaselev, M.R., Dobrovolskii, Yu.V., Chugunov, I.A.** Peak-reading instrument for differential polarographic waves 8-56931
- Vyatkin, A.P., Maksimova, N.K., Stepanov, V.E., Chal'dyshev, V.A.** Mechanism of formation of a rectifying barrier with a metal-semiconductor junction 8-84296
- Vyatkin, A.P.** *see* Alekseeva, Z.M. 8-75986
- Vyatkin, A.P.** *see* Azikov, B.S. 8-84287
- Vyatkin, A.P.** *see* Krivorotko, N.P. 8-57975
- Vyatkin, K.V., Kucherenko, I.V., Moiseenko, V.N., Shotov, A.P.** Determination of the anisotropy coefficient of the Fermi surface of $\text{Pb}_{1-x}\text{Sn}_x\text{Se}$ semiconductors 8-51878
- Vyatskin, A.Ya., Kabanov, A.N., Smirnov, B.N., Khramov, V.Yu.** Transmission and absorption of electrons with up to 70 keV initial energy in a bulk copper target 8-71777
- Vyatskin, A.Ya., Kabanov, A.N., Smirnov, B.P., Khramov, V.Yu.** A study of the relationships associated with the interaction of 5-30 keV electrons with massive solid objects 8-88387
- Vyatskin, A.Ya., Smirnov, B.N.** Electron-beam energy losses in a bulk gold target 8-91368
- Vyaz'menskaya, L.M.** Approximate calculation of the noise spectrum in the field of a turbulent jet 8-67236
- Vybiral, B.** Electromagnetic field of a circular bundle of relativistic particles 8-66711
- Vybornov, V.F.** *see* Kukoz, F.I. 8-51734
- Vybornov, V.I.** *see* Bobrysheva, A.I. 8-76002
- Vyborny, C.** *see* Haus, A.G. 8-69193
- Vydumkina, A.S.** *see* Ivanova, V.M. 8-85067
- Vygi, Kh.R.** An electron microscopic estimation of the concentration of preirradiation and radiation defects in high purity KCl and KBr crystals 8-75695
- Vygodskaya, N.N., Lavrent'ev, A.A., Lyutsko, A.M., Puzachenko, Yu.G., Sasunkevich, V.A., Chudakov, V.A.** An automatic mobile meteorological station in microclimatic studies 8-61617
- Vygon, V.G.** *see* Bakut, P.A. 8-77832
- Vylov, Ts.** *see* Adam, I. 8-78261
- Vyshkind, S.Ya.** Stochasticity occurrence for nondegenerated wave interaction in [non-linear] media with amplification 8-83027
- Vysikailo, F.I.** *see* Baranov, V.Yu. 8-59696
- Vysin, V.** Approach to tachyon monopoles in R^6 space 8-54183
- Vyskreb'tsov, V.B., Kashurin, A.N., Fedotkin, I.M.** Describing the heat and mass transport processes in the spray drying of highly viscous concentrated solutions 8-83230
- Vyskub, V.G., Isaev, Yu.N., Mamaev, V.L., Markova, L.A., Rozov, B.S., Savostin, P.I.** Beam splitter with 90° phase shift for interference displacement measuring instrument 8-87145
- Vysochanskii, Yu.M., Slivka, V.Yu., Buturlakin, A.P., Gurzan, M.I., Chepur, D.V.** Soft mode in $\text{Sn}_3\text{P}_2\text{S}_6$ 8-88263
- Vysokova, I.L., Shvangiradze, R.R.** The question of the change in the intensity of spectral lines during a change in the arc plasma composition 8-75452
- Vysotskii, A.V., Kurochkin, A.P., Noskin, E.L., Chudov, V.A.** Selecting parameters of pneumatic facilities for measuring linear dimensions 8-73964
- Vysotskii, M.I.** Decay $\psi \rightarrow 3\gamma$ in dispersion theory of charmonium 8-89716
- Vysotskii, M.I., Smilga, A.V.** Test of self-consistency of the dispersion theory of charmonium in the $\psi \rightarrow 3\gamma$ decay 8-89717
- Vysotskii, M.I., Zel'dovich, Ya.B., Khlopov, M.Yu., Chechetkin, V.M.** Several astrophysical limitations on mass of axion 8-81835
- Vysotskii, Yu.B.** *see* Luzanov, A.V. 8-62945
- Vysotskiy, M.G.** *see* Yesepkina, N.A. 8-96395
- V'yugov, P.N.** *see* Azhazha, V.M. 8-80588
- V'yugov, P.N.** *see* Garber, R.I. 8-92267
- V'yurkov, V.V., Gladun, A.D., Malov, A.D., Ryzhii, V.I.** Even dynamic photoelectric Hall effect in semiconductors 8-91708
- V'yurkov, V.V., Ryzhii, V.I.** Influence of a high-frequency electric field on hopping conduction in semiconductors 8-52025
- Vyvoda, J.C.** *see* Gilbert, M. 8-83755
- Vzorov, I.K.** *see* Azhgirei, L.S. 8-78394
- Vzorov, I.K.** *see* Azhgirei, L.S. 8-89727, 8-89887
- Wang, R.C., Lee, R.P.K., Gramiak, R.** Digital processing to enhance features of ultrasound images 8-73183
- Wang, R.C.** *see* Lee, P.P.K. 8-53461
- Waak, B.T.** *see* Lodhi, M.A.K. 8-78235

- Waak, J.A. *see* Schwartz, P.R. 8-81703
- Waals, J.H. Van Der *see* Van Der Waals, J.H.
- Waard, H., Lakshminarayana, V. Hyperfine fields of 5sp shell impurities substituting Sb in the Heusler alloys Pd_2MnSb and PdMnSb 8-80261
- Waard, H.de *see* de Waard, H.
- Waard, H.De *see* De Waard, H.
- Waard, J.de *see* de Waard, J.
- Waberski, A. Reaction of continuous dynamic systems with complex form under time-space random fields 8-65767
- Wach, D., Sunder, R. Improved PWR-neutron noise interpretation based on detailed vibration analysis 8-94073
- Wach, W. *see* Wittmaack, K. 8-67745
- Wachecka-Skowron, A. Uniqueness for plane crack problems in the micropolar theory of elasticity 8-54191
- Wachecka-Skowron, A. *see* Matysiak, S. 8-54192
- Wachs, I.E., Madix, R.J. The oxidation of ethanol on Cu(110) and Ag(110) catalysts 8-61044
- Wachs, I.E., Madix, R.J. The oxidation of methanol on a silver (110) catalyst 8-88556
- Wachsmuth, H. *see* Bosetti, P.C. 8-70357
- Wachtel, E. *see* Pantasis, A. 8-52206
- Wachtel, H. *see* Seaman, R.L. 8-92675
- Wachter, P. Electronic structure, magnetic exchange, and electrical transport properties of the magnetic compounds EuS, GdS and GdP 8-87974
- Wachter, P., Kaldis, E., Hauger, R. Magnetic exchange interaction in the system GdP-GdS 8-60278
- Wachter, P. *see* Allen, J.W. 8-68029
- Wachter, P. *see* Arend, H. 8-68483
- Wachter, P. *see* Ott, H.R. 8-68239
- Wachter, P. *see* Schlegel, A. 8-56450
- Wachtler, K.P. *see* Sparrow, E.M. 8-75138
- Wacinski, M. *see* Ernst, S. 8-75728
- Wacker, J.F. *see* Greenberg, R. 8-85861
- Wacker, K. *see* Alexander, G. 8-74251, 8-89766
- Wacker, K. *see* Berger, Ch. 8-62414, 8-89725
- Wacker, K. *see* Scarr, J.M. 8-54634
- Wackers, F.J.Th. *see* Trobaugh, G.B. 8-85361
- Waclawski, B.J., Gadzuk, J.W., Herbst, J.F. UV photoemission for rare gases implanted in Ge 8-80457
- Wacrenier, J.-M. *see* Druon, C. 8-94976
- Wada, E. *see* Wakabayashi, K. 8-51395
- Wada, H., Kimura, M., Tachikawa, K. Superconducting properties of the composite-processed Nb_3Sn superconductor with the Cu-Sn-Zn matrix 8-84370
- Wada, H. *see* Kawamura, T. 8-84688
- Wada, H. *see* Saito, H. 8-63353
- Wada, K. Theoretical study of the lowest exciton states in lead halides 8-72082
- Wada, K., Fujita, T., Asahi, T. Lattice vibration of the Cayley tree 8-71813
- Wada, K. *see* Aoki, T. 8-64385
- Wada, M. Outlook for electrochromic displays 8-65917
- Wada, M., Obinata, T. On a method of treating velocity-dependent potential 8-69998
- Wada, M. *see* Hatano, H. 8-64399
- Wada, M. *see* Ishibashi, Y. 8-76442
- Wada, M. *see* Ishii, Y. 8-79527
- Wada, M. *see* Kodama, M. 8-69498
- Wada, M. *see* Kozawaguchi, H. 8-59744
- Wada, M. *see* Uchida, T. 8-91251
- Wada, R. *see* Soga, F. 8-54775
- Wada, S., Alloul, H., Molin, P. Proton spin-lattice relaxation time in the superconducting intercalation complex TaS_2 (pyridine) $_{1/2}$ 8-80096
- Wada, S., Hayashi, H., Haishi, S. Elastohydrodynamic lubrication between two rotating cylinders with non-Newtonian fluids 8-83435
- Wada, T. Elastic and inelastic scatterings of deuteron from even mass isotopes of molybdenum 8-94017
- Wada, T., Hagel, W.C. Embrittling characteristics of Ni-Cr-Mo-V steels designed to exhibit low susceptibility to temper embrittlement in large steam turbine rotor applications 8-76737
- Wada, T. *see* Soga, F. 8-54775
- Wada, Y. Piezoelectricity and pyroelectricity of polymeric materials and their applications 8-88257
- Wada, Y. *see* Yano, O. 8-84518
- Wadachi, Y. *see* Kato, S. 8-74443
- Wadaka, S., Sato, T. Ultrasonic imaging system using a moving random phase mask with asymmetric thickness distribution and third-order correlation-function analysis 8-63244
- Wadaka, S. *see* Sato, T. 8-74846
- Wadati, M. *see* Mancini, F. 8-88072
- Waddell, B.V. *see* Ara, G. 8-71463
- Waddington, C.J. A comment on the validity of fragmentation parameters measured in nuclear emulsions 8-90017
- Waddington, J.C. *see* Buja-Bijunas, L. 8-70481
- Waddington, T.C. *see* Howard, J. 8-71942, 8-94255
- Wade, C., Jr. *see* Kastner, S.O. 8-57451
- Wade, G. *see* Coello-Vera, A.E. 8-71249
- Wade, G. *see* Tse, N.B. 8-75019
- Wade, J.F. *see* Choccol, C.J. 8-59153
- Wade, J.J. *see* Hanley, W.R., Jr. 8-78507
- Wade, K. Metal-metal and metal-carbon bond energy terms for the rhodium carbonyl clusters $\text{Rh}_4(\text{CO})_{12}$ and $\text{Rh}_5(\text{CO})_{16}$ 8-62967
- Wade, M.K., Czajkowski, M., Krause, L. Sensitized fluorescence in thallium induced in collisions with $\text{Hg}(\text{G}^3\text{P}_1)$ atoms 8-70778
- Wade, N.J., Wenderoth, P. The influence of colour and contour rivalry on the magnitude of the tilt after-effect 8-69098
- Wade, W.D. *see* Woods, A.A., Jr. 8-57450
- Wade, W.R. *see* Rogowski, R.S. 8-58679
- Wade, W.Z., Short, D.W., Walden, J.C., Magana, J.W. Self-diffusion in plutonium metal 8-87811
- Wadehra, J.M., Spruch, L., Shakeshaft, R. Application of an extremum principle to the variational determination of the generalized oscillator strengths of helium 8-94213
- Wadei Al-Chorachi, G. *see* Saleh, J.M. 8-75945
- Wadelin, G.D. *see* Oliver, D.R. 8-87306
- Wadley, H.N.G., Scruby, C.B. Effect of ageing at 170°C on acoustic emission during deformation of Al-4%Cu 8-64597
- Wadley, H.N.G. *see* Scruby, C.B. 8-71256
- Wadlinger, E.A. *see* Cole, R.H. 8-50215
- Wadlinger, E.A. *see* Comiso, J.C. 8-89916
- Wadsworth, B. *see* Heller, M. 8-70689
- Wadsworth, R. *see* Kogan, A. 8-50120
- Wadsworth, R. *see* Lornie, P.R.G. 8-62483
- Wadsworth, R. *see* Simister, D.N. 8-70424
- Wadt, W.R., Hay, P.J. Electronic states of Ar_2F and Kr_2F 8-66474
- Wadt, W.R. *see* Hay, P.J. 8-62704, 8-86767
- Waelbroeck, F. *see* Ali Khan, I. 8-71494
- Waelbroeck, F. *see* Ali-Khan, I. 8-71495
- Waelbroeck, F.G. *see* Ali-Khan, I. 8-95187, 8-95809
- Waerden, B.L. Van Der *see* Van Der Waerden, B.L.
- Waga, S. *see* Mochniak, J. 8-64390
- Wagener, L.M., Carosella, L.A., Defreese, D.A. Establishment of design and performance requirements using cost and systems analysis 8-50357
- Wagener, L.M. *see* Brennan, G.M. 8-54906
- Wagener, L.M. *see* DeFreese, D.A. 8-50358
- Wagemans, C. *see* D'Hondt, P. 8-78425
- Wagemans, C. *see* Emsallem, A. 8-66284
- Wagendristel, A. *see* Schattschneider, P. 8-67609
- Wagenfeld, H. *see* Hussein, A. 8-83665
- Wageningen, R. Van *see* Van Wageningen, R.
- Waggoner, A.P. *see* Charlson, R.J. 8-96254
- Waghmare, Y.R. *see* Bhalerao, R.S. 8-54803
- Wagli, P., Donaldson, T.P., Ladrach, P. Scaling of non-thermal ion energy in laser-generated plasma 8-63550
- Wagner, A. *see* Bartel, W. 8-89695
- Wagner, A.F. *see* Das, G. 8-70897
- Wagner, B., Hafer, X. Note on the spanwise quadrature in lifting-wing calculations 8-71344
- Wagner, B., Schmidt, W. Theoretical investigations on shock wave-boundary layer interaction in cryogenic nitrogen 8-71370
- Wagner, B., Schmidt, W. Theoretical investigations of real gas effects in cryogenic wind tunnels 8-94760
- Wagner, C., Burkhardt, F. The annealing characteristics of phosphorus-implanted silicon investigated at low temperatures 8-63781
- Wagner, C.D. X-ray photoelectron spectroscopy with X-ray photons of higher energy 8-72683
- Wagner, C.N.J. *see* Cox, D.O. 8-77156
- Wagner, D. *see* Sobotta, G. 8-52263
- Wagner, D.K. *see* Tkach, R. 8-91716
- Wagner, E. *see* Bhattacharya, G. 8-60465
- Wagner, F., Esling, C., Baro, R., Englander, M. Textures of iron oxide ores by neutron diffraction and topotactical relation 8-52849
- Wagner, F. *see* Humbert, M. 8-64805
- Wagner, F., Jr. *see* Hessler, J.P. 8-66812
- Wagner, F.E. *see* Van de Vondel, D.F. 8-50586
- Wagner, G.J. *see* Bhatia, T.S. 8-70433
- Wagner, G.J. *see* Mairle, G. 8-58288
- Wagner, G.J. *see* Riedesel, H. 8-78238
- Wagner, H. *see* Erley, W. 8-71984
- Wagner, H.D. *see* Marom, G. 8-68769
- Wagner, H.-E. The transition from the anomalous glow discharge to the nozzle hollow cathode discharge 8-67531
- Wagner, H.-G. *see* Gonser, U. 8-60365
- Wagner, H.N., Jr. *see* D'Antonio, N.L. 8-65117
- Wagner, H.N., Jr. *see* Qureshi, S. 8-65110
- Wagner, H.N., Jr. *see* Tran, N. 8-61248
- Wagner, J. *see* McFarlane, R. 8-71136
- Wagner, J.B. *see* Ratajack, M.T. 8-88300
- Wagner, J.B., Jr. *see* Howng, W.-Y. 8-95186
- Wagner, J.B., Jr. *see* Jow, T. 8-56193
- Wagner, L.S., Golubowsky, Ju.B., Ljagustschenko, R.I. The existence of the limit current and several states of a stationary discharge under diffuse-recombination conditions 8-67498
- Wagner, M. On the non-adiabatic properties of tunneling centres 8-79705
- Wagner, M. *see* Bruhl, S. 8-63823
- Wagner, M.H. A constitutive analysis of uniaxial elongational flow data of a low-density polyethylene melt 8-71375
- Wagner, M.H., Laun, H.M. Nonlinear shear creep and constrained elastic recovery of a LDPE melt 8-87318
- Wagner, P. *see* Coffin, J.P. 8-66311
- Wagner, P. *see* Oeschler, H. 8-82382
- Wagner, R. *see* Claussen, N. 8-92223
- Wagner, R. *see* Guyer, H. 8-70449
- Wagner, R. *see* Lewandowski, Z. 8-70518
- Wagner, R.E. Fourier transform microscope 8-58028
- Wagner, R.F. Decision theory and the detail signal-to-noise ratio of Otto Schade 8-63022
- Wagner, R.J., Kennedy, T.A., Wieder, H.H. Magneto-transconductance study of surface accumulation layers in InAs 8-64137
- Wagner, R.J. *see* Kennedy, T.A. 8-64363
- Wagner, R.J. *see* Lau, S.S. 8-79899
- Wagner, R.L. *see* Chanmugam, G. 8-57578
- Wagner, R.N. *see* Chang, J.H. 8-59409
- Wagner, R.S. *see* Queen, C.C. 8-66399
- Wagner, S. *see* Davis, J.G. 8-68504
- Wagner, S.D., Ignatyev, B.K., Tsandin, L.D. Electron energy distribution function in the plasma of a high frequency discharge 8-67540
- Wagner, S.L. *see* Smith, K.T. 8-96088
- Wagner, T. *see* Finke, J. 8-63957
- Wagner, T. *see* Kamimura, T. 8-71531
- Wagner, V., Krey, U. Spin wave excitations in the dilute two-dimensional ferromagnet $\text{K}_2\text{Cu}_{1-x}\text{Zn}_x\text{F}_4$ 8-80140
- Wagner, V. *see* Kress, W. 8-59899
- Wagner, V. *see* Perry, C.H. 8-75760
- Wagner, W. Noteworthy characteristics and open questions concerning organic heat carriers 8-79198
- Wagner, W. Incomplete geometries in fast X-ray scanner 8-80952
- Wagner, W. *see* Alexander, G. 8-74251, 8-89766
- Wagner, W. *see* Berger, Ch. 8-62412, 8-62414, 8-78586, 8-89725
- Wagner, W. *see* Kuchler, G. 8-80995
- Wagner, W. *see* Sperr, P. 8-70562
- Wagner, W.J. *see* Cummings, J.C. 8-67876
- Wagner, W.J. *see* Schmidt, D.W. 8-51168
- Wagoner, R.H. *see* Pond, R.C. 8-60795
- Wagoner, R.V. *see* Dicus, D.A. 8-57438
- Wagoner, R.V. *see* Schramm, D.N. 8-89277
- Wagstaff, C.E., Dunn, M.H., Ferguson, A.I., Bastow, S.J. Stability conditions for laser cavities with two foci 8-66850
- Wagstaff, R.A. Iterative technique for ambient-noise horizontal-directionality estimation from towed line-array data 8-55525
- Wagstaffe, C.J. *see* Emms, M.J. 8-89734
- Wah Wong Kin *see* Kin Wah Wong
- Wahab, F.M. Abd El *see* Abd El Wahab, F.M.
- Wahab, M.A. *see* Jain, P.C. 8-91313
- Wahi, K.K., Merchant, H.C. Mechanical response of a head injury model with viscoelastic brain tissue 8-69117
- Wahl, A.C. *see* Das, G. 8-66483, 8-70897, 8-78632
- Wahl, F., Lange, C., Hofer, J. Computerised extraction of organ contours in myocardial scintigraphy 8-88735
- Wahl, F. *see* Hofer, J. 8-88738
- Wahl, H. *see* Hansl, T. 8-74244, 8-89698, 8-89860
- Wahl, H. *see* Holder, M. 8-55103
- Wahl, H.W.D. Light-weight replicated optics 8-66965
- Wahl, H.W.D. Hard overcoats 8-66968
- Wahl, J., Holland, U. Local ionic motion in the superionic conductor Li_2N 8-87817
- Wahl Synek, R. *see* Held, K.D. 8-68995
- Wahlen, H. *see* Lukosz, W. 8-88373
- Wahlgren, U. Ab-initio and pseudo-potential calculations on some first, second and third row molecules. A comparative study 8-82613
- Wahlgren, U. *see* Johansen, H. 8-50466
- Wahlgren, U.I. *see* Asplund, L. 8-50654
- Wahling, G. Arachidate layers on Ag and Au substrates detected by the ATR method 8-56536
- Wahling, G., Raether, H., Mobius, D. Resonant interaction of surface plasmons with a dye monolayer 8-84674
- Wahlsten, S. *see* Rudner, S. 8-84357
- Wahner, H.W. *see* McCormick, M.V. 8-73216
- Wahner, H.W. *see* Thorson, L.M. 8-73212
- Wahnon, P. *see* Horsdal Pedersen, E. 8-58794
- Waho, T. *see* Maruyama, S. 8-87847
- Wai Kwok Kwong *see* Hickerson, D.L. 8-74771

- Wai Man Ng, Barry, J.H.** Cluster-variation method applied in the pair approximation to the S=1 Ising ferromagnet having additional single-ion type uniaxial anisotropy 8-68281
- Wai Yan Chan, Nicholson, P.S.** Effects of glassy phase on the thermal cycling resistance of fusion-cast refractories 8-84956
- Wai-Hon Lee, Streifer, W.** Diffraction efficiency of evanescent-wave holograms. I. TE polarization 8-66782
- Wai-Hon Lee, Streifer, W.** Diffraction efficiency of evanescent-wave holograms. II. TM polarization 8-66783
- Wai-Hon Lee** see Bryngdahl, O. 8-63181
- Wai-kee Li, Rothshtein, S.M.** MINDO/3 study of substituted methylenes CCl_2 , HCCl , and MeCCl 8-78830
- Wai-Tak Ma, Kuriyan, M., Pritchard, H.O.** Variational energies for highly excited states of the helium atom 8-62737
- Wai-Ying Chung, Kanamori, H.** Subduction process of a fracture zone and aseismic ridges—the focal mechanism and source characteristics of the New Hebrides earthquake of 1969 January 19 and some related events 8-73342
- Waibel, E.** see Grosswendt, B. 8-90042
- Waidmann, G.** The gas breakdown of a Tokamak discharge 8-67555
- Waintal, A., Rouchy, J., Draperi, A.** A cell for the measurement of sound velocity under hydrostatic pressure 8-55534
- Wainwright, P.F., Alguard, M.J., Baum, G., Lubell, M.S.** Application of a DC Fano effect polarized electron source to low-energy electron-atom scattering 8-66689
- Wairegi, T.** see Grace, J.R. 8-75182
- Wait, J.R.** Multiple scattering between a buried line conductor and the Earth's surface 8-61317
- Wait, J.R.** Light waves guided by a single curved surface: comments 8-71196
- Wait, J.R.** see Arora, R.K. 8-69425
- Wait, J.R.** see Chang, D.C. 8-57366
- Wait, J.R.** see Cho, S.H. 8-57267
- Wait, J.R.** see Geyer, R.G. 8-65183
- Wait, J.R.** see Hill, D.A. 8-85710
- Wait, R.** A note on quarter-point triangular elements 8-83333
- Wait, R.** see Hopkins, T.R. 8-77693
- Waite, R.J.** see Keep, C.W. 8-93690
- Waits, R.K.** Planar magnetron sputtering 8-72725
- Wakabayashi, H.** Liquid-state diffusion of $\text{Na}_2\text{O-CaO-SiO}_2$ system 8-55962
- Wakabayashi, H.** see Takahashi, A. 8-79861
- Wakabayashi, J., Kawaji, S.** Hall effect in silicon MOS inversion layers under strong magnetic fields 8-64118
- Wakabayashi, J.** see Kawaji, S. 8-60219
- Wakabayashi, J.** see Ohnishi, M. 8-58461, 8-59653
- Wakabayashi, K., Namba, K., Inoko, Y., Mitsui, T., Ueki, T., Kakizaki, A., Siota, Y., Kurita, K., Yokata, M., Tagawa, H., Wada, E., Nagakura, I., Matsukawa, T.** Soft X-ray small-angle scattering by polystyrene latexes using synchrotron radiation 8-51395
- Wakabayashi, N.** Diffuse neutron scattering in Nb-Zr alloys 8-71816
- Wakabayashi, N., Nicklow, R.M., Child, H.R.** Spin waves in ferromagnetic $\text{Tb}_{0.76}\text{Y}_{0.24}$ 8-68195
- Wakabayashi, N.** see Das, S.G. 8-79732
- Wakabayashi, N.** see Gotoh, T. 8-73114
- Wakabayashi, N.** see Yoshimura, T. 8-79392
- Wakabayashi, S.** see Kawamura, S. 8-64980
- Wakabayashi, T., Shirakihara, Y.** Three dimensional image reconstruction from electron micrographs with Fourier method 8-78048
- Wakabayashi, T.** see Yukutake, T. 8-96127
- Wakai, M.** see Faessler, A. 8-54712
- Wakai, M.** see Sano, M. 8-89821
- Wakazumi, S., Tanimoto, M., Tanimoto, M.** High energy proton-proton elastic scattering and multiple scattering model 8-66155
- Wakaki, M., Arai, T.** Absorption spectra near the absorption edge of the system $\text{Hg}_{1-x}\text{Zn}_x\text{Cr}_2\text{Se}_4$ 8-80340
- Wakano, M.** Ground state wave functionals of the SU(2) gauge field 8-74142
- Wakao, N., Nojo, K.** Nitric acid cycle process for extracting thermal energy from low-level heat sources 8-53660
- Wakao, N., Tanisho, S., Shiozawa, B.** Thermal response of packed beds at low Reynolds numbers 8-87386
- Wakasa, K., Nakamura, T.** The effect of pre-train above Md on Ms in two-phase (austenite+ferriite) Fe-23.19 Cr-4.91 Ni-0.025 C alloy 8-80543
- Wakasa, K., Nakamura, T.** The formation of α' lath martensite in a textured ($\alpha+\gamma$) Fe-23.19 wt.% Cr-4.91 wt.% Ni alloy 8-95749
- Wakatani, M.** Nonlinear calculation of the $m=1$ internal kink instability in current carrying stellarators 8-63566
- Wakatani, M.** MHD stability of runaway electron discharge in Tokamaks 8-75303
- Wakatani, M.** Non-linear calculation of the $m=1$ internal kink instability in current-carrying stellarators 8-94908
- Wakatani, M.** see Odajima, K. 8-67312
- Wakatsuchi, M.** Experiments on haline convection induced by freezing of sea water 8-88843
- Wakatsuchi, M.** On sea ice near Showa Station, Antarctica 8-96226
- Wakayama, N.** see Ida, T. 8-86291
- Wakayama, N.** see Iida, T. 8-70157
- Wakayama, S.** see Hamasaki, M. 8-75954
- Wakefield, B.** The observation of melt carryover in the active layers of LPE GaAs/GaAlAs double-heterostructure laser material 8-91553
- Wakefield, B.** see Ritchie, S. 8-66825
- Wakefield, G.W.** see Chu, T.L. 8-64475
- Wakefield, J.A.** see Kovacs, C.J. 8-53454
- Wakefield, P.T., Malin, A.S., Hatherly, M.** The structure and texture of a rolled low stacking fault energy alloy 8-52844
- Wakefield, P.T.** see Duggan, B.J. 8-88500
- Wakeham, W.A.** see Abe, Y. 8-94883
- Wakeham, W.A.** see de Groot, J.J. 8-67304
- Wakeham, W.A.** see Grew, K.E. 8-71418
- Wakeham, W.A.** see Kestin, J. 8-51715, 8-65933, 8-95101
- Wakeham, W.A.** see Maitland, G.C. 8-62870, 8-62871, 8-91051
- Wakeley, J., Jr.** Coherent ray tracing—measured and predicted shallow-water frequency spectrum 8-79160
- Waki, S.** see Nishihara, Y. 8-56409
- Wakiyama, M., Uchida, T., Taniguchi, M.** Thermodynamic studies of the $\text{V}_3\text{S}_4\text{-V}_2\text{S}_5$ system at temperatures from 650 to 800°C 8-52784
- Wakil, S.A.** see El Wakil, S.A.
- Wakimoto, Z.** see Shimizu, I. 8-89063
- Wakita, K.** see Kobayashi, T. 8-66830
- Wakiyama, T., Brooks, H.A., Gyorgy, E.M., Bachmann, K.J., Brasen, D.** Magnetostriction of HCP and DHCP Co-Fe single crystals 8-80184
- Wakley, J.** see Shaffer, J. 8-61215
- Wako, H., Saito, N.** Statistical mechanical theory of the protein conformation. I. General considerations and the application to homopolymers 8-64931
- Wako, H., Saito, N.** Statistical mechanical theory of the protein conformation. II. Folding pathway for protein 8-64932
- Wakuta, Y.** see Tamura, N. 8-54641
- Wal, R.J.** Van Der see Van Der Wal, R.J.
- Wal, W.J.J.** Van Der see Van Der Wal, W.J.J.
- Walanus, A.** see Pazdur, M.F. 8-58548
- Walaschewski, K.** see Bauer, W. 8-66626
- Walasek, K., Lukierska-Walasek, K.** On the libron spectrum in solid orthohydrogen and para-deuterium 8-79677
- Walasek, K., Lukierska-Walasek, K.** Order-disorder phase transition in solid ortho-hydrogen and para-deuterium 8-79726
- Walcek, C.** see Ryan, J.A. 8-89096
- Walch, A.P.** see Ball, W.C. 8-55380
- Walch, S.P., Goddard, W.A., III** Theoretical studies of the bonding of sulfur to models of the (100) surface of nickel 8-56027
- Walch, S.P., Goddard, W.A., III** Electronic states of the NiO molecule 8-62728
- Walch, S.P., Goddard, W.A., III** Theoretical studies of the bonding of oxygen to models of the (100) surface of nickel 8-79889
- Walcher, T., Frey, R., Graf, H.-D., Spamer, E., Theissen, H.** High resolution electron scattering facility at the Darmstadt linear accelerator (DALINAC). II. Beam transport system and spectrometer (energy-loss system) 8-70679
- Walcher, T.** see Graf, H.-D. 8-70653
- Walcher, Th.** see Schull, D. 8-70680
- Walck, Ch.** see Stenbacka, R. 8-54645
- Wald, R.M.** Trace anomaly of a conformally invariant quantum field in curved spacetime 8-54278
- Wald, R.M.** What is the effective stress energy of particles created from the vacuum? 8-54281
- Wald, R.M.** Construction of solutions of gravitational, electromagnetic, or other perturbation equations from solutions of decoupled equations 8-70029
- Wald, S.** see Eyal, Y. 8-82373
- Waldbillig, R., Szabo, G.** Solvent-depleted bilayer membranes from concentrated lipid solutions 8-53347
- Waldele, F.** see Klonz, M. 8-74021
- Walden, J.C.** see Wade, W.Z. 8-87811
- Walden, P.** see Auld, E.G. 8-78382
- Walden, R.W.** see Donnelly, R.J. 8-55998
- Walden, R.W.** see Roberts, P.H. 8-55999
- Waldie, B.** Aspects of plasma cutting at elevated pressures relevant to deep water operations 8-87507
- Waldie, B., Hancock, R.** Effect of a cool central gas feed on temperatures and velocities in an induction plasma torch 8-94942
- Waldie, B.** see Boron, S. 8-71031
- Waldkirch, T.** von see von Waldkirch, T.
- Waldman, J., Stimets, R.W., Madan, S.Z., Chang, T.S.** Magnetospectroscopy of $\text{CaF}_2:\text{Dy}^{2+}$ in the submillimeter 8-52481
- Waldman, L.A.** see Goldberg, I. 8-86651
- Waldman, M.** see Holmgren, S.L. 8-94299
- Waldmeier, M.** The height of the 9 cm solar emission 8-77548
- Waldner, F.** see Anelli, E.F. 8-82585
- Waldner, F.** see Cutts, D. 8-78380, 8-89746
- Waldner, F.** see Patterson, B.D. 8-60373
- Waldner, F.** see Reimann, H. 8-56373
- Waldner, M.** see Grinberg, J. 8-79141
- Waldorf, D.** see Tsai, C.L. 8-52012
- Waldovogel, A., Schmid, W., Federer, B.** The kinetic energy of hailfalls. I. Hailstone spectra 8-92924
- Waldrup, J.R.** see Grant, R.W. 8-95341
- Waldschmidt, J.M.** see Gerboux, X. 8-72742
- Walenta, A.H.** Left-right assignment in drift chambers and MWPCs using induced signals 8-58544
- Walenta, A.H.** see Farr, W. 8-78583
- Walenta, A.H.** see Fischer, J. 8-58543
- Walesby, D.H.** see Holmes, J.N. 8-63251
- Walig, H.L., Smit, H.C.** A user-oriented software Fourier spectrum display for analytical purposes 8-64896
- Walgraef, D., Borckmans, P., Dewel, G.** Laser with saturable absorbers and tricritical phenomena 8-78989
- Walgraef, D.** see Borckmans, P. 8-52286
- Wali, K.C.** see Pong Soo Jang 8-54561
- Walicki, E.** Inertia effect in the flow of viscous fluid through a slot between fixed and rotating surfaces of revolution 8-79300
- Walkden, F., Caine, P., Laws, G.T.** A locally two-dimensional numerical method for calculating three-dimensional supersonic flows 8-51190
- Walker, A.D.M.** Formation of whistler ducts 8-57407
- Walker, A.D.M., Greenwald, R.A., Stuart, W.F., Green, C.A.** Resonance region of a Pc 5 micropulsation examined by a dual auroral radar system 8-65454
- Walker, B.G.** see Dean, N.R. 8-70658
- Walker, C.D.T.** Development of a ground speed corrected side scan sonar display system 8-88947
- Walker, C.T.** Composition of the corrosion product oxide phases in the gaps of three LMFBR-type mixed oxide fuel pins 8-70599
- Walker, C.T.** Investigation of irradiated uranium-plutonium carbonitride fuel by microprobe analysis 8-70601
- Walker, C.T.** see Benedict, H. 8-83956
- Walker, C.T.** see Hochheimer, H.D. 8-79769
- Walker, C.W.** see Orchard, H.C. 8-55050
- Walker, D.A., McCreery, C.S., Sutton, G.W., Duennebeir, F.K.** Spectral analyses of high-frequency P_n and S_n phases observed at great distances in the western Pacific 8-77195
- Walker, D.C.** see Jean, Y.C. 8-80774
- Walker, D.C.** see Nguyen, T.Q. 8-88295
- Walker, D.H.** see McDonnell, F.N. 8-54825
- Walker, D.M.C.** Variations in air density from January 1972 to April 1975 at heights near 200 km 8-57377
- Walker, D.M.C.** Upper atmosphere winds from the orbit of 1973-101A 8-73560
- Walker, E.** see Borghini, M. 8-68439
- Walker, E.** see Flukiger, R. 8-92187
- Walker, E.** see Godet, M. 8-72385
- Walker, E.I.P., Marchetti, A.P., Young, R.H.** Lateral charge drift observed with split electrodes: Off-diagonal mobility components and lateral spread of space charge in anthracene 8-72192
- Walker, E.S.** see Cunningham, R.A. 8-94162
- Walker, G.** see Telfer, D.J. 8-88350
- Walker, G.A., Goldsmith, C.C.** Determination of strain in 10 μm spots using a microdiffractometer [integrated circuits] 8-86262
- Walker, G.A.H.** see Mochnacki, S.W. 8-85983
- Walker, G.B.** see Doviak, R.J. 8-85651
- Walker, G.P.L.** see Booth, B. 8-61382
- Walker, J.** A note on the paper by G.E. Hunt entitled 'Studies of the sensitivity of the components of the Earth's radiation balance to changes in cloud properties using a zonally averaged model' 8-61559
- Walker, J.** see Holland, L. 8-55077
- Walker, J.C.** see McGrath, R.D. 8-76367
- Walker, J.C.G.** Oxygen and hydrogen in the primitive atmosphere 8-73514
- Walker, J.C.G.** Space science without rockets: measurement of ionospheric properties at the Arecibo Observatory 8-81488
- Walker, J.C.G.** see Meriwether, J.W., Jr. 8-88962
- Walker, J.C.G.** see Rishbeth, H. 8-85760
- Walker, J.F., Matthews, R.B.** Th-U alloy fuel behavior in the organic-cooled WR-1 reactor 8-86605
- Walker, J.F.** see Alberg, M.A. 8-93898
- Walker, J.F.** see Jones, R.W. 8-86619
- Walker, J.H.** see Cutler, D.J. 8-72517
- Walker, J.K.** see Johnson, J.R. 8-58216
- Walker, J.K.** see Whitaker, J.H. 8-77400

- Walker, J.S. Solitary fluid transients in rectangular ducts with transverse magnetic fields 8-59503
- Walker, K.L., Homsy, G.M. Convection in a porous cavity 8-91007
- Walker, K.R. *see* Benedict, G.L., III 8-69341
- Walker, K.R. *see* Shanmugam, G. 8-65296
- Walker, M.F. Spectroscopic and photometric observations of YY Orionis 8-93225
- Walker, M.S., Zeitlin, B.A., Schwall, R.E. Fast ramp superconductor for ohmic heating coils 8-62638
- Walker, M.S. *see* Crossley, J. 8-95544
- Walker, M.S. *see* Heinrich, J.P. 8-50391
- Walker, M.S. *see* Zeitlin, B.A. 8-62631
- Walker, N., Tevault, D.E., Smardzewski, R.R. Matrix reactions of ozone and oxygen atoms with hydrogen iodide. HOI formation 8-80737
- Walker, P.E. Environment and safety features of a laser fusion reactor concept 8-50333
- Walker, P.E. *see* Blink, J.A. 8-58451
- Walker, P.E. *see* Maniscalco, J.A. 8-50332
- Walker, P.J. *see* Baker, J.M. 8-80247
- Walker, P.J. *see* Garton, G. 8-52660
- Walker, P.L., Jr. *see* Tremblay, G. 8-56032
- Walker, P.M., Dracoulis, G.D., Johnston, A., Leigh, J.R., Slocumbe, M.G., Wright, I.F. High-spin and single-particle structure in ^{173}W and ^{175}W 8-93922
- Walker, P.M. *see* Dracoulis, G.D. 8-50199
- Walker, R. *see* Singer, R. 8-54659
- Walker, R. *see* Wilkinson, C.D.W. 8-87137
- Walker, R.C. *see* Genzel, R. 8-61901
- Walker, R.C. *see* Rosen, B.R. 8-53949
- Walker, R.J., Erickson, K.N., Winckler, J.R. Pitch angle dispersion of drifting energetic protons at synchronous orbit 8-77428
- Walker, R.L., Christy, J.W., Harrington, R.S. Positions of planets and natural satellites 8-81573
- Walker, R.S., Thompson, D.A. Contribution of strain effects towards the damage measured in semiconductors by channeling 8-67752
- Walker, R.S., Thompson, D.A. Computer simulation of ion bombardment collision cascades 8-67756
- Walker, S. *see* Brebbia, C.A. 8-86226
- Walker, S. *see* Crossley, J. 8-95544
- Walker, S. *see* Lakshmi, A. 8-68446
- Walker, S. *see* Tay, S.P. 8-70958
- Walker, S.M. *see* Block, H. 8-68052
- Walker, S.S., Connolly, J.A. A plotter for tracing oscilloscope wave shapes 8-70111
- Walker, T.G. *see* Baker, R.D. 8-70404, 8-89733
- Walker, T.G. *see* Gay, M. 8-70405
- Walker, T.P. *see* Kirby, J.A. 8-66595
- Walker, W.D. *see* Lamsa, J.W. 8-54658
- Walker, W.F. *see* Chimoskey, J.E. 8-73295
- Walker, W.W. An investigation of polymorphism in MBBA by positron annihilation 8-72632
- Walko, R.J. *see* Nishikawa, O. 8-64098
- Walkowiak, C. *see* Albers, C. 8-64151
- Walkup, J.F. *see* Krlie, T.F. 8-74868
- Walkup, J.F. *see* Marks, R.J., II 8-78950
- Wall, F.T., Cheung, A.S., Chan, A. Monte Carlo determination of eigenvalues associated with self-avoiding random walks of large finite order 8-57849
- Wall, F.T., Chin, J.C., Seitz, W.A., de Gennes, P.G. Statistics of self-avoiding walks confined to strips and capillaries 8-94345
- Wall, F.T., Seitz, W.A., Chin, J.C. Orthogonal vector analyses of distributions of self-avoiding and limiting order random walks on lattices 8-65874
- Wall, I.B. *see* McGrath, P.E. 8-50284
- Wall, J.A. Annealing of TLD's at low night levels 8-78508
- Wall, J.C., Charteris, J., Hoare, J.W. An automated on-line system for measuring the temporal patterns of foot/floor contact 8-77128
- Wall, N.S., Cowley, A.A., Johnson, R.C., Kobos, A.M. Modified optical potential for the elastic scattering of complex particles 8-70501
- Wall, N.S. *see* Cowley, A.A. 8-70549
- Wall, N.S. *see* Kwiatkowski, K. 8-66274
- Wall, W.E., Stevenson, J.R. On line optical and Auger data acquisition 8-63019
- Wallace, A.G. *see* Smith, W.M. 8-81060
- Wallace, D., Chuan, R. A cascade impaction instrument using quartz crystal microbalance sensing elements for 'real-time' particle size distribution studies 8-65904
- Wallace, D.J., Young, A.P. Spin anisotropy and crossover in the Potts model 8-56339
- Wallace, D.J., Zia, R.K.P. The renormalisation group approach to scaling in physics 8-49634
- Wallace, D.J. *see* Houghton, A. 8-65883
- Wallace, G. *see* Tewari, P.H. 8-83963
- Wallace, J. A simplified analysis for high-energy laser propagation 8-69454
- Wallace, J. *see* Riley, P.J. 8-70389
- Wallace, J.D. *see* Wicke, J.D. 8-69245
- Wallace, J.M. *see* Bonner, B.E. 8-50173
- Wallace, J.M. *see* Kastrinakis, E.G. 8-90854
- Wallace, J.M. *see* Lau, N.-C. 8-73435
- Wallace, J.P. Lattice distortions of iron containing hydrogen 8-79629
- Wallace, J.P. Features of recovery in aluminium 8-80611
- Wallace, L. *see* Smith, G.R. 8-96416
- Wallace, P.H. *see* Terry, G.H. 8-93948
- Wallace, P.R. *see* Jog, S.D. 8-76017
- Wallace, P.T. *see* Manchester, R.N. 8-77569
- Wallace, P.T. *see* Smith, F.G. 8-93292
- Wallace, R. *see* Bron, J. 8-50530, 8-66534
- Wallace, S., Dill, D. Detector integrated angular distribution: Chemisorption-site geometry, axial-recoil photofragmentation, and molecular-beam orientation 8-56564
- Wallace, S., Dill, D., Dehmer, J.L. Fixed-molecule photoelectron angular distributions: K-shell cross sections of CO at fixed direction angles 8-52628
- Wallace, W.C. *see* Hawke, P.S. 8-95315
- Wallace, W.C. *see* Hawke, R.S. 8-71789
- Wallace, W.E., Malik, S.K., Takeshita, T., Sankar, S.G., Gualtieri, D.M. Magnetic properties of hydrides of the rare earths and rare earth intermetallics 8-68210
- Wallace, W.E. *see* Merches, M. 8-68296
- Wallace, W.E. *see* Moldovan, A.G. 8-56915
- Wallach, D.F.H. *see* Lin, P.-S. 8-69017
- Wallan, D.J. *see* Ritz, G.P. 8-86341
- Wallander, E. *see* Barker, J.H. 8-82311
- Wallard, A. *see* Bayer-Helms, F. 8-87088
- Wallard, A.J. Report on NPL activities 8-87070
- Wallart, F. *see* Beny, J.M. 8-62242
- Wallart, F. *see* Mairesse, G. 8-63720
- Wallbank, B. *see* Banna, M.S. 8-74699
- Wallbank, B. *see* Hitchcock, A.P. 8-62934
- Wallbank, B. *see* Martin, R.L. 8-70800
- Wallden, L. *see* Kasemo, B. 8-76792
- Walle, R.T. *see* van de see van de Walle, R.T.
- Walle, R.T. *see* van de see Van de Walle, R.T.
- Wallenquist, A. An experiment with Titius-Bode law 8-85870
- Wallenstein, R., Zacharias, H. A-type doubling and spin-rotation splitting of NO, measured in simultaneous one- and two-photon laser spectroscopy 8-66560
- Wallenstein, R. *see* Filseth, S.V. 8-90199
- Wallentynowicz, E., Chmiczak, E., Gordon, W. Emission centres of DC electroluminescence in ZnS:Mn thin films 8-68564
- Waller, H. *see* Gossmann, E. 8-57767
- Waller, I. *see* Ebbjso, I. 8-71667
- Waller, S.M. *see* Bernal, S.R. 8-54871
- Wallerstein, E.P., Marchi, F.T., Patton, H.G., Stowers, I.F., Jones, W.A. Shiva optical system 8-59039
- Wallerstein, E.P. *see* Godwin, R.O. 8-82989
- Walley, S.M. *see* Chaudhri, M.M. 8-52994
- Walley, S.P. *see* Ross, J.W. 8-84511
- Wallin, B.W. *see* Steinmetz, L.L. 8-79030
- Walling, D.E., Webb, B.W. Mapping solute loadings in an area of Devon, England 8-69375
- Wallingford, E.E., Collins, W.R. A dynamic electroencephalogram frequency analyzer 8-57092
- Wallis, A.D., Marsh, D. Control of noise in places of entertainment 8-51004
- Wallis, D.D. *see* Anger, C.D. 8-88965
- Wallis, D.D. *see* Whiteaker, J.H. 8-77400
- Wallis, G. *see* Carl, P. 8-71455
- Wallis, G. *see* Gajewski, H. 8-75328
- Wallis, R.F. *see* Castiel, D. 8-75923
- Wallis, R.F. *see* Ferguson, P. 8-88015
- Wallis, R.F. *see* Kramer, G.M. 8-60217
- Wallis, R.H. *see* Friederich, A. 8-95514
- Wallis, R.H. *see* Gunning, W.J. 8-60378
- Wallis, R.H. *see* Zylbersztejn, A. 8-64000
- Wallraff, W. *see* Brandelich, R. 8-62416
- Walls, D.F. *see* Carmichael, H.J. 8-50499
- Walls, F.L. *see* Wineland, D.J. 8-66527
- Walls, J.C. *see* Dineen, R.L. 8-62657
- Walls, J.M. *see* Nicholson, R.J.K. 8-95090
- Walls, J.M. *see* Southworth, H.N. 8-66011
- Walls, J.R. *see* Bush, A.W. 8-81397
- Walls, R. *see* Rockensies, J.W. 8-66412
- Walmsley, C.M. *see* Churchwell, E. 8-69858
- Walmsley, C.M. *see* Pankonin, V. 8-69857
- Walmsley, C.M. *see* Winnberg, A. 8-65670
- Walmsley, H.L., Jones, G.R., Barrault, M.R. Properties of the thermal disturbance in a model gas blast circuit breaker under various arcing conditions 8-87529
- Walmsley, H.L. *see* Smith, M.R. 8-87524
- Walmsley, R.H., Shporer, M. Surface-induced NMR line splittings and augmented relaxation rate in water 8-64288
- Waloschek, P. *see* Alexander, G. 8-74251, 8-89766
- Waloschek, P. *see* Berger, Ch. 8-62414, 8-89725
- Walpole, L.J. A coated inclusion in an elastic medium 8-79215
- Walrafen, G.E., Abebe, M. Raman studies of the bending and librational bands from water and ice VI to ~ 12 kbar at 32°C 8-68499
- Walrafen, G.E., Samanta, S.R. Weak Raman bands and the reduced spectrum from vitreous BeF_2 8-68498
- Walrafen, G.E., Samanta, S.R. Infrared absorbance spectra and interactions involving OH groups in fused silica 8-80383
- Walrafen, G.E. *see* Samanta, S.R. 8-58704
- Walrand, J. *see* Blanquet, G. 8-94245
- Walraven, J.T.M., Eliel, E.R., Silvera, F. Experimental study of spin aligned atomic hydrogen condensed on surfaces 8-63929
- Walraven, R. Polarization imagery 8-61625
- Walraven, R.L. Polarization by a tilted absorbing glass plate 8-55297
- Walser, A. *see* Ravindra, M.K. 8-94055
- Walser, R.M. *see* Schaffer, W.J. 8-91562
- Walsh, B., Barnes, A.J., Suzuki, S., Orville-Thomas, W.J. Studies of intermolecular interactions by matrix isolation vibrational spectroscopy and normal coordinate analysis. Self-association and hydrogen cyanide 8-86858
- Walsh, C.J., Brand, G.F., James, B.W. Separation of metals in a rotating plasma 8-75436
- Walsh, E. *see* Hasselmann, K. 8-81418
- Walsh, E.J., Uliana, E.A., Yapple, B.S. Ocean wave heights measured by a high resolution pulse-limited radar altimeter 8-81172
- Walsh, E.K. *see* Nunziato, J.W. 8-59339, 8-83280, 8-83285, 8-87288
- Walsh, F. The dangers of noise. II. Hearing protection—types and limitations 8-55509
- Walsh, F.C., Gabe, D.R. Electrode reactions during the electrodeposition of indium from acid sulphate solutions 8-88436
- Walsh, J.B. *see* Dropek, R.K. 8-81150
- Walsh, J.N. *see* Pankhurst, R.J. 8-65303
- Walsh, P.F. Intensive finite element grading for stress concentrations 8-55587
- Walsh, T. *see* Koller, K. 8-93841
- Walsh, T.F. *see* Roy, P. 8-89663
- Walsh, W.D. Measuring Brewster's angle with ordinary laboratory equipment 8-86097
- Walsh, W.K. *see* Liepins, R. 8-95942
- Walstad, A. Comment on the center-of-mass offset of the Moon 8-69937
- Walstedt, R.E. *see* Kummer, R.B. 8-52288
- Walstrom, P.L., Burn, P.B., Nelson, B.E., Ryan, T.L., Wysor, R.B. Design of a three-meter, 7.5-Tesla superconducting segment test facility 8-54929
- Walstrom, P.L. *see* Ellis, J.F. 8-54415
- Walter, A. *see* Heink, W. 8-60341
- Walter, C.M. *see* Seidel, B.R. 8-86608
- Walter, F., Charles, P., Bowyer, S. Discovery of quiescent X-ray emission from HR 1099 and RS CVn 8-81659
- Walter, G., Kranold, R., Goeke, W., Mueller, J.J., Damaschun, G. A comparison of different methods of correcting small angle scattering curves for collimation effects 8-67623
- Walter, G. *see* Baumann, P. 8-74327, 8-74386, 8-82289
- Walter, G. *see* Huck, A. 8-74336
- Walter, H. Coupling for vent gas cooled transfer lines 8-81983
- Walter, H. *see* Burgess, E.L. 8-79099
- Walter, H.K. *see* Wohlfahrt, H.D. 8-54679
- Walter, J.L., Bartram, S.F., Russell, R.R. Crystallization of the amorphous alloys $\text{Fe}_{50}\text{Ni}_{30}\text{B}_{20}$ and $\text{Fe}_{50}\text{B}_{20}$ 8-79539
- Walter, J.L., Luborsky, F.E. The ductile-brittle transition of some amorphous alloys 8-52972
- Walter, K. Remark to the problem of oblique axes of rotation in components of close binary systems 8-96509
- Walter, M. *see* Bartke, J. 8-66169
- Walter, M. *see* Schmitz, P. 8-62467
- Walter, R. *see* Engel, M. 8-89956
- Walter, R.L. *see* Tornow, W. 8-70393, 8-70514
- Walters, C.T., Barnes, R.H., Beverly, R.E., III. Initiation of laser-supported-detonation (LSD) waves 8-63568
- Walters, G.K. *see* Kalisvaart, M. 8-51400
- Walters, J.P. *see* Coleman, D.M. 8-83129
- Walters, J.P. *see* Scheeline, A. 8-49908
- Walters, J.W., Harwerth, R.S. The mechanism of brightness enhancement 8-69061
- Walters, J.W. *see* Levi, D.M. 8-61171
- Walters, K. *see* Pountney, D.C. 8-90944
- Walters, K.L. *see* Kendall, A.C. 8-73328
- Walters, R.A., Cheng, R.T. A two-dimensional hydrodynamic model of a tidal estuary 8-92846
- Walters, W.B. *see* Huyse, M. 8-93976
- Walther, A. Theorem on the uniqueness of the generalized radiance 8-94365
- Walther, H. Interaction in intense laser fields 8-66520
- Walther, H. *see* Leuchs, G. 8-86979
- Walther, K. *see* Andreeff, A. 8-67996
- Walther, L. Modern ways of obtaining infrared images by solid-state electronics 8-63190
- Walther, P. *see* Thielemann, W. 8-64379
- Walther, R.J. *see* Freisinger, J. 8-67543
- Walther, R.J. *see* Lenz, B. 8-67542
- Walther, S.E. *see* Groh, K.H. 8-67537, 8-87533
- Walther, V.H. *see* Auld, E.G. 8-90111
- Walters, C.R. Remote leak detection for the TFTR 8-50403

- Walton, A.G. *see* Anderson, J.M. 8-91264
- Walton, A.J., Botos, P. The application of an image intensifier spectroscopy in triboluminescent studies 8-58061
- Walton, D.R.M. *see* Alexander, A.J. 8-58676
- Walton, G.N. *see* Ghiassae, N. 8-62798
- Walton, I.C. The linear stability of the flow in a narrow spherical annulus 8-63497
- Walton, J.J. *see* Duwerf, W.H. 8-92966
- Walton, J.J. *see* MacCracken, M.C. 8-92965
- Walton, P. *see* Goddard, T. 8-85378
- Waltz, R.E. Wilson Cloud formation by low-altitude nuclear explosions 8-53704
- Waltz, R.E. Transport calculations for a wall-confined liner-compressed plasma 8-63546
- Waltz, R.E., Manley, O.P. Synchrotron-like radiation from intense laser beams in dense plasmas 8-67322
- Waltzman, S.B., Levitt, H. Speech interference level as a predictor of face-to-face communication in noise 8-57018
- Walukiewicz, W. *see* Stoelinga, J.H.M. 8-87996
- Walus, S. Ultrasonic flow meters—metrological properties 8-51265
- Walus, W. *see* Kerek, A. 8-50440
- Walzer, U. Convection of a micropolar fluid with stretch 8-51202
- Walzer, U. On non-steady mantle convection: The case of the Benard problem with viscosity dependent on temperature and pressure 8-69317
- Walzer, U., Ullmann, W., Pan'kov, V.L. State-equation theories compared with the aid of experimental data 8-81148
- Wambach, J., Klemt, V., Speth, J. Isoscalar electric giant dipole resonances 8-86520
- Wambach, J. *see* Speth, J. 8-50142
- Wambersie, A. *see* Guichard, M. 8-65079
- Wampler, E.J. *see* Baldwin, J.A. 8-61931
- Wampler, F.B. *see* Oldenberg, R.C. 8-94275
- Wamsley, B. *see* Fan, K.C. 8-61592
- Wan, C. *see* Ghose, S. 8-63719
- Wan, C.M., Jahn, M.T., Chen, T.Y., Chang, L. The precipitation behaviour in a thermomechanically treated Al-Zn-Mg alloy 8-84856
- Wan, J.K.S. *see* Chen, K.S. 8-80758
- Wan, W.Y. *see* Fung, Y.T. 8-49698
- Wan Ch'eng *see* Ch'eng Wan
- Wan-Lee Yin Zone estimates in the elastic-plastic torsion problem 8-67058
- Wanarski, W., Zagorski, Z. Influence of γ -irradiation on the electric permittivity of thiourea single crystal 8-64311
- Wandell, J.L., Kay, E. γ irradiation of Bowman-Birk soybean proteinase inhibitor 8-53343
- Wandelt, K. *see* Fuggle, J.C. 8-84702
- Wanderer, P., Benvenuti, A., Cline, D., Imlay, R., Reeder, D.D., Stefanski, R., Rubbia, C., Sulak, L., Messing, F., Ford, W.T., Ling, T.Y., Mann, A.K. Measurement of the neutral-current interactions of high-energy neutrinos and antineutrinos 8-66073
- Wanderlingh, F. *see* Ballaro, S. 8-56920
- Wanderlingh, F. *see* Fontaine, A. 8-79520
- Wanderlingh, F. *see* Fontana, M.P. 8-84563
- Wanderlingh, F. *see* Maisano, G. 8-75863
- Wanders, G. *see* Epele, L. 8-66154
- Wanders, G. *see* Roy, S.M. 8-50048
- Wandrei, G.L. *see* Bernick, L.M. 8-92433
- Wang, C., Cleary, J.R., Anderssen, R.S. Ray-mode duality for SH waves in Earth models with crust and mantle discontinuities. I. The case of one discontinuity 8-77183
- Wang, C., Gomer, R. Absolute coverage measurements: CO and oxygen on the (110) plane of tungsten 8-71986
- Wang, C.C. *see* Longo, J.T. 8-77991
- Wang, C.H. *see* Lin, Y.-H. 8-91217
- Wang, C.H. *see* Satija, S.K. 8-68497, 8-88316
- Wang, C.P. Multiple-circuit pulse generator for high repetition rate rare gas halide lasers 8-94399
- Wang, C.S., Callaway, J. BNDFPKG. A package of programs for the calculation of electronic energy bands by the LCGO method 8-75977
- Wang, C.S. *see* Callaway, J. 8-91608
- Wang, C.Y., Chang, Y.W., Fistedis, S.H. Analysis of nonlinear fluid-structure interaction in LMFBR containment 8-70615
- Wang, C.-Y. Comparison of ICECO code predictions with flexible vessel experiments 8-70619
- Wang, E. *see* Bell, J. 8-54625, 8-93872, 8-93873
- Wang, E. *see* Stern, R. 8-81665
- Wang, E.E. *see* Dean, A.M. 8-85162
- Wang, F.C. *see* Peng, J.C. 8-70543
- Wang, F.E., Sutula, R.A. On the effects of thermal expansion in metal-matrix composites 8-51708
- Wang, F.W. Determination of block-copolymer molecular weight from measurements of frictional properties 8-90329
- Wang, G.-C., Lu, T.-M., Lagally, M.G. Phase transitions in the chemisorbed layer W(110)p(2 \times 1)-O as a function of coverage. I. Experimental 8-79879
- Wang, G.W., Becker, A.J., Chirovsky, L.M., Groves, J.L., Wu, C.S. Time-reversal test and nuclear-structure study using $^{110}\text{Ag}^m$ 8-86505
- Wang, G.W., Chirovsky, L.M., Lee, W.P., Becker, A.J., Groves, J.L. A simple Mossbauer data acquisition system using a mini-computer 8-90050
- Wang, H. *see* Weidner, D.J. 8-85546
- Wang, H.-I. *see* McGlynn, S.P. 8-70738
- Wang, H.C., Levin, G., Szwarc, M. Comment on the communication 'production of hydrogen from interaction of an anion radical and water' 8-92460
- Wang, H.H. The application of the symmetric SOR and the symmetric SIP methods for the numerical solution of the neutron diffusion equations 8-74431
- Wang, H.L., Duda, J.L., Radke, C.J. Solution adsorption from liquid chromatography 8-84054
- Wang, I. *see* Nowicki, R.S. 8-71887
- Wang, I.T., Myers, R.L., McKinley, C.M. Concerning the use of routine meteorological data in estimating atmospheric diffusion parameters 8-85649
- Wang, J.C., Wood, R.F., Pronko, P.P. Theoretical analysis of thermal and mass transport in ion-implanted laser-annealed silicon 8-91364
- Wang, J.H. *see* Creighton, D.L. 8-94830
- Wang, J.J.H. Analysis of a three-dimensional arbitrarily shaped dielectric or biological body inside a rectangular waveguide 8-71005
- Wang, J.Y. Temperature effect on the atmospheric transmission function in the 15- μm region 8-77327
- Wang, J.Y. Phase-compensated optical beam propagation through atmospheric turbulence 8-83012
- Wang, J.Y., Markey, J.K. Model compensation of atmospheric turbulence phase distortion 8-69451
- Wang, K.C. Boundary layer over spinning blunt body of revolution at incidence including Magnus forces 8-94745
- Wang, K.-C., Hahn, A.A., Boehm, F. Precise measurements of K α X-ray linewidths in Eu, Tm, and Ta 8-62761
- Wang, K.H. *see* Petry, R.F. 8-78319
- Wang, K.L. *see* Haus, H.A. 8-59172
- Wang, K.L. *see* Yen, K.H. 8-59251
- Wang, L.C. *see* Bunnell, K. 8-74258
- Wang, L.C. *see* del Papa, C. 8-74264
- Wang, L.-L., Yang, C.N. Classification of SU(2) gauge fields 8-70281
- Wang, L.S. *see* Wang, M.Y. 8-58468
- Wang, M. *see* Miley, G. 8-66417
- Wang, M.C. *see* Hsieh, S.T. 8-50077
- Wang, M.D., Reed, C.M., Bilger, R.C. A comparison of the effects of filtering and sensorineural hearing loss on patterns of consonant confusions 8-73163
- Wang, M.Y. Generalized relativistic Brillouin theory 8-87004
- Wang, M.Y., Miley, G.H., Wang, L.S. Alpha particle effects on the reversal field mirror 8-58468
- Wang, M.Y. *see* Miley, G.H. 8-70643
- Wang, P.K.C. A class of multidimensional nonlinear Langmuir waves 8-63555
- Wang, P.K.C. Identification problems in plasma physics 8-71532
- Wang, R. Photoresponse of an SrTiO₃/Si heterojunction 8-72254
- Wang, R.H., Laskowski, R.J., Huang, C.Y., Smith, J.L., Chu, C.W. Magnetic and superconducting transitions in Gd_xEr_{1-x}Rh₄B₄ and Gd_xY_{1-x}Rh₄B₄ 8-68127
- Wang, R.Y.P., Cappelletti, R.L. Specific heat measurements in superconducting and normal state Ta-Nb-V ternary solid solutions 8-84347
- Wang, S. *see* Lai, S.K. 8-52204
- Wang, S. *see* Shams, M.K. 8-50944
- Wang, S. *see* So, C.B. 8-51866
- Wang, S.P., Robbins, C.D. A novel proximity X-ray image intensifier tube 8-69206
- Wang, S.S., Mandell, J.F., McGarry, F.J. An analysis of the crack tip stress field in DCB adhesive fracture specimens 8-55602
- Wang, S.S.M. *see* Berger, I. 8-94495
- Wang, S.T., McMillan, A.F., Chen, B.H. Effect of boundary conditions on pollutant dispersion in 2-dimensional rivers 8-85611
- Wang, S.T. *see* Hilal, M.A. 8-55000
- Wang, S.-T., Fujia, R., Kim, S.-H., Kustom, R.L., Praeg, W.F., Thompson, K., Turner, L.R. TNS superconducting ohmic-heating system 8-62634
- Wang, S.-T., Kim, S.-H., Praeg, W.F., Krieger, C.I. ANL experimental program for pulsed superconducting coils 8-62640
- Wang, S.-T. *see* Turner, L.R. 8-50372
- Wang, S.-W., Weinberg, W.H. Hydrogen chemisorption on metal surfaces 8-91543
- Wang, S.-W., Weinberg, W.H. Relaxation energies in UV-photoelectron spectroscopy of chemisorbed hydrogen 8-91544
- Wang, S.Y., Benenson, D.M. Temperature diagnostics in seeded plasmas 8-67427
- Wang, S.Y., Mach, K.D., Su, T.Y. Computer simulation of cascade flows in axial-flow compressors 8-79333
- Wang, T.C., Gayley, R.I. High-frequency losses in tin Josephson tunnel junctions 8-88083
- Wang, T.G., Kanber, H., Olli, E.E. Fourth-order acoustic torque in intense sound fields 8-63220
- Wang, T.P., Starr, C.D. The HI BX, a new type B thermocouple extension wire 8-49832
- Wang, T.S., Jensen, T.H. Doublestar: A stellator with three magnetic axes 8-91140
- Wang, T.S., Wheeler, K.T. Repair of X-ray induced DNA damage in rat cerebellar neurons and brain tumor cells 8-80922
- Wang, T.S. *see* Helton, F.J. 8-94930
- Wang, T.T., Zupko, H.M. Long-term mechanical behaviour of optical fibres coated with a u.v.-curable epoxy acrylate 8-95802
- Wang, V. Nonlinear optical phase conjugation for laser systems [adaptive optics] 8-59092
- Wang, V. Nonlinear optical phase conjugation for laser systems 8-79072
- Wang, W.C. *see* Freyre, F. 8-72484
- Wang, Y., Calvert, L.D., Gabe, E.J., Taylor, J.B. Structure of two forms of europium arsenide Eu₂As₃ 8-75626
- Wang, Y.F. *see* Neilson, H.C. 8-79151
- Wang, Y.S. *see* Lee, P.C.Y. 8-59189
- Wang Chang-Yi *see* Chang-Yi Wang
- Wang Chen Sheng *see* Chen Sheng Wang
- Wang Chia-Yu *see* Chia-Yu Wang
- Wang Chien *see* Luo Chi-hsun 8-84825
- Wang Chun-ta *see* Liu Tung-sheng 8-81156
- Wang De-chang Tien-Kuan guest star (supernova) of 1054 in history 8-65743
- Wang Ding-sheng *see* Pu Fu-cho 8-91865
- Wang Dong-Ping *see* Dong-Ping Wang
- Wang E-shen *see* Chen Yi-zhi 8-95751
- Wang Er-Kang Pulse polarography 8-85245
- Wang Fan *see* Chen Jin-Chuan 8-82121
- Wang Fan *see* Chen Jin-Quan 8-49631, 8-66049
- Wang Hong-Yu *see* Ma Da-You 8-67235
- Wang Jian-Min, Qian Zhong-Yu, Ai Guo-Xiang, Hu Yue-Feng A comparison of the solar optical observatory testing sites at Shahe, Xinglong and Huairou. II. Observation of atmospheric temperature fluctuation close to ground 8-69680
- Wang Jun *see* Guo Jun-Sheng 8-82387
- Wang Jun-da *see* Li Hua-mei 8-89136
- Wang Jun-Jian *see* Tai Li-Chi 8-84450
- Wang Jyh-Yun *see* Jyh-Yun Wang
- Wang Ke Jen, Hsu Chi Lin, Kao Hua Calculation of stress intensity factors for combined mode bend specimens 8-79284
- Wang Ke-Jen, Cartwright, D.J. A crack near doubly riveted stiffeners 8-67152
- Wang Ke-Lin, Hsien Ting-Chang, Cheng Hsi-Teh Magnetic monopole and dipole solution of the SU(n) gauge field theory in a curved space 8-82112
- Wang Ke-lin *see* Wang Ming-chung 8-78097, 8-82167
- Wang Ke-Lin *see* Xian Ding-Chang 8-50011
- Wang Li Jun *see* Shen Zhu-Tong 8-80484
- Wang Lian-Chih *see* Liu Huang-Feng 8-82960
- Wang Ming-Chung, Cheng Hsi-Teh, Wang Ke-lin, Chang Cheng-Kang, Hsien Ting-Chang Wave function of the pseudoscalar meson under the interaction of a nearly-flat-bottom potential between straton 8-82167
- Wang Ming-chung, Cheng Hsi-teh, Wang Ke-lin, Chang Cheng-kang, Hsien-Ting-chang Spinor monopole solution is possible 8-78097
- Wang Ming-Zhong *see* Xian Ding-Chang 8-50011
- Wang Nai-li *see* Yang Chuan-zheng 8-95792
- Wang Neng-Ming *see* Neng-Ming Wang
- Wang Pey On the pseudoparticle solutions of SU(4) gauge fields 8-74128
- Wang Qian-Shen *see* Liu Yuan-Lung 8-61357
- Wang Shou-Yih *see* Shou-Yih Wang
- Wang Shyh *see* Shyh Wang
- Wang Tien-Ko *see* Tien-Ko Wang
- Wang Ting-i *see* Ting-i Wang
- Wang Tzu Chiang Fracture criteria for combined mode cracks 8-79285
- Wang Tzu-ching Integral I and elastic-plastic fracture criteria 8-75100
- Wang Wei-Chyung *see* Wei-Chyung Wang
- Wang Wen-Kui *see* Yao Yu-Shu 8-52825
- Wang Wen-kui *see* Zhao Yu-ling 8-68654
- Wang Ying-cai *see* Shang Zong-ye 8-78275
- Wang Yong-Zhen *see* Hu Kai-Sheng 8-82018
- Wang Yu *see* Yu Wang
- Wang Yun-Kong, Chang Kuo-Yiu, Hou Bo-Yu A series of sourceless solutions of SU(2) gauge fields—the SU(2) and U(1) potential of static monopole systems 8-86418
- Wang Yung-Li *see* Yung-Li Wang
- Wang Zai-zhung *see* Li Ji-liang 8-57226
- Wang Zhen-ru *see* Fang Li-Zhi 8-85967
- Wang Zhen-ru *see* Lu Tan 8-73771
- Wang Zhi-Gang Jin Yan *see* Jin Yan Wang Zhi-Gang
- Wang Zhi-Gou *see* Liu Gou-Xing 8-78427

- Wang-ping Chen *see* Molnar, P. 8-57189
Wangenheim, V. *see* Hartmut, K. 8-65093
Wanhill, R.J.H. Microstructural influences on fatigue and fracture resistance in high strength structural materials 8-56728
Wanhill, R.J.H. *see de Graaf, E.A.B.* 8-80689
Wani, H. *see* Hattori, H. 8-61277
Wankat, P.C. *see* Lee, Y.H. 8-63901
Wankat, P.C. *see* Nelson, W.C. 8-64874
Wanklyn, B.M. *see* Baker, J.M. 8-80247
Wanklyn, B.M. *see* Gupta, G.P. 8-95533
Wannamker, P.E. *see* Shuey, R.T. 8-77350
Wannberg, G. *see* Ekstrom, C. 8-70444, 8-78257
Wanner, M. *see* Leiderer, P. 8-79850
Wannier, G.H. A result not dependent on rationality for Bloch electrons in a magnetic field 8-79914
Wannier, G.H. *see* Claro, F. 8-79918
Wannier, P.G. *see* Phillips, T.G. 8-57621
Wapenaar, K.E.D., Schoonman, J. Surface degradation of fluoride conducting crystals $\text{MF}_2\text{UF}_4\text{:CeF}_3(\text{M}=\text{Ca, Sr, Ba})$ 8-55980
Waplak, S. *see* Zapart, W. 8-60331
Waples, D.M. *see de V. Klein, G.* 8-65256
Wappling, R. *see* Ericsson, T. 8-52409
Wappling, R. *see* Hagstrom, L. 8-68415
Wappling, R. *see* Lindgren, B. 8-84416
Wapstra, A.H., Bos, K. The 1977 atomic mass evaluation. IV. Evaluation of input values; adjustment procedures 8-70949
Warburton, E.K. *see* Nathan, A.M. 8-66308
Warburton, J.A. *see* Linkletter, G.O. 8-65367
Warczak, A. *see* Brodzowska-Warczak, B. 8-72612
Warczak, A. *see* Liesen, D. 8-58800
Ward, A.J.I. *see* Eley, D.D. 8-95995
Ward, A.K. *see* Bogges, A. 8-96382
Ward, B.F.L. Strongly coupled fields. I. Green's functions 8-49968
Ward, B.F.L. Strongly coupled fields. II. Interactions of the Yukawa type 8-49969
Ward, B.F.L. The theory of asymptotic behavior 8-70254
Ward, B.F.L. The theory of heavy hadronic mesons 8-70316
Ward, B.F.L. The Upsilon particle and differential dispersion relations 8-86424
Ward, C.A. *see* Forest, T.W. 8-91430
Ward, C.M. *see* Weinstein, B.W. 8-73975
Ward, D. *see* Brown, B.A. 8-93936
Ward, D. *see* Khoo, T.L. 8-89778
Ward, D.B. *see* Melnick, G. 8-65510
Ward, D.R. *see* Bust, C.P. 8-93909
Ward, F. *see* Harvey, E.D. 8-93665
Ward, F.A. *see* Howells, H. 8-53515
Ward, F.H. *see* Carlson, T.A. 8-74959
Ward, G.K., Wilson, S.R. Procedures for comparing and combining radiocarbon age determinations: a critique 8-70235
Ward, I.D. *see* Zahavi, J. 8-56817
Ward, I.M. The measurement of molecular orientation in polymers by spectroscopic techniques 8-75558
Ward, I.M. *see* Abdul Jawad, S. 8-68728
Ward, I.M. *see* Clements, J. 8-76689
Ward, I.M. *see* Coates, P.D. 8-84910
Ward, I.M. *see* Duckett, R.A. 8-52898
Ward, I.M. *see* Gibson, A.G. 8-76691
Ward, I.M. *see* Pitman, G.L. 8-95798
Ward, I.M. *see* Richardson, I.D. 8-84882
Ward, I.M. *see* Wilding, M.A. 8-95784
Ward, I.M. *see* Zihlif, A.M. 8-80596
Ward, J. *see* Janikowski, H.E. 8-94702
Ward, J.M. *see* Burgess, D.D. 8-79463
Ward, M.J., Wilson, A.S., Penston, M.V., Elvis, M., Maccacaro, T., Tritton, K.P. Optical identifications of extragalactic X-ray sources 8-89273
Ward, N.L., Roberts, E., Brooks, R.R. Lead pollution from a New Zealand battery factory and smelter compared with that from motor-vehicle exhaust emissions 8-85562
Ward, P.G. *see* Chappell, D.A. 8-61291
Ward, P.G. *see* Willetts, R.J. 8-81002
Ward, R., Morgan, M.J. Perceptual effect of pursuit eye movements in the absence of a target 8-73162
Ward, R.C., Cremer, S., Simanek, E. Local fluctuation effects in coupled small superconducting particles 8-72308
Ward, R.S. A class of self-dual solutions of Einstein's equations 8-81900
Ward, R.W. *see* Clayman, B.P. 8-72498
Ward, S.H. *see* Peebles, W.J. 8-85868
Ward, S.N. Long-period reflected and converted upper-mantle phases 8-92786
Ward, T.E. *see* Smith, H.A., Jr. 8-49596
Ward, T.H. *see* Key, P.J. 8-78001
Ward, T.R., Dyson, N.A. On the bremsstrahlung continuum generated by proton bombardment 8-80436
Ward, W.D. *see* Burns, E.M. 8-53421
Wardaszk, T., Bilkiewicz, J., Zajdel, J.A., Nidecka, J. Radiation dose due to a single release of tritium gas in a room 8-74513
Warde, C., Wheeler, R.G. Optical and structural properties of solid oxygen films 8-56052
Warde, C.J. *see* Corish, J. 8-73046
Warde, E., Seltz, R., Costa, G., Magnac, D., Gerardin, C. Evidence for Gallagher-Moszkowski doublets in ^{180}Ta 8-58233
Warden, J. *see* Bowman, M.K. 8-61141
Wardman, P. Application of pulse radiolysis methods to study the reactions and structure of biomolecules 8-61145
Wardrop, A.J., Mantis, H.T. A narrow beam spectral radiometer to measure atmospheric emission from 4 to 14.5 μm 8-61596
Ware, A.A. *see* Hazeltine, R.D. 8-91147
Ware, B.R. *see* Siegel, D.P. 8-53357
Ware, B.R. *see* Weissman, M.B. 8-70057
Wareing, J., Tomkins, B. Creep-fatigue interaction failure in type 316 stainless steel 8-80652
Warenghem, M., Cuvelier, P., Billard, J. Plane uniformly heterogeneous wave diffraction 8-58901
Warfield, G. *see* Catalano, A. 8-64066
Warhaft, Z., Lumley, J.L. The decay of temperature fluctuations and heat flux in grid generated turbulence 8-94651
Warin, P.E. *see* Taylor, J.G. 8-60828
Warin, V. *see* Odou, G. 8-55939
Warkari, H.S., Tade, M.R., Tiliu, A.D. Diurnal variation of sodium dayglow at Poona 8-69558
Warke, C.S. *see* Nogami, Y. 8-78296
Warkentin, P.A. *see* Sager, R.E. 8-56008, 8-79840
Warkusz, F. Electrical conductivity of thin metal films. Size effects 8-76162
Warkusz, F. Size effects in metallic films 8-76163
Warkusz, F. The size effect and the temperature coefficient of total resistance in thin metal films 8-84318
Warkusz, F. Elastoresistance effect in single-crystal aluminium films 8-84321
Warkusz, F. The thermoelectric power and the temperature coefficient of resistivity of thin metal films 8-91788
Warlimont, H. Structure and properties of metallic glasses. I. Formation, structure and thermal stability 8-83747
Warlimont, H. *see* Gaudig, W. 8-52756
Warlimont, H. *see* Hausch, G. 8-52824
Warmack, R.J., Stockdale, J.A.D., Compton, R.N. Apparatus for energy, angle, and mass analysis of products from alkali-molecule reactions 8-70970
Warming, R.F. *see* Beam, R.M. 8-71306
Warnatz, J. Calculation of the structure of laminar flat flames. I. Flame velocity of freely propagating ozone decomposition flames 8-51256
Warneck, P. *see* Klippel, W. 8-57243
Warnecke, I. *see* Schadel, M. 8-78408
Warneka, M. *see* Hudomalj-Gabitzsch, J. 8-70385
Warneke, M. *see* Mutchler, G.S. 8-70387
Warner, A.G., Woolley, R.L. On the interaction of caesium with oxides of stainless steel 8-62597
Warner, B.E., Persson, K.B., Gerstenberger, D.C., Reid, R.D., McNeil, J.R., Solanki, R., Collins, G.J. I.W. operation of singly ionized silver and copper lasers 8-82953
Warner, D., Rawson, H. The effect of glass composition on the mean dispersion of barium borate glasses 8-80313
Warner, D.D. *see* Casten, R.F. 8-62540
Warner, F.P., MacKnight, W.J., Stein, R.S. A small-angle X-ray scattering study of blends of isotactic and atactic polystyrene 8-55817
Warner, F.W., Stjernholm, R., Cohn, I. Electron paramagnetic resonance-investigation of high-spin iron (III) in cancer 8-53466
Warner, J.L. *see* Floran, R.J. 8-81164
Warner, J.L. *see* Simonds, C.H. 8-81166
Warner, J.W., Black, J.H. A 5 GHz survey of infrared sources 8-69906
Warner, J.W., Blinder, S.M. Relativistic corrections in a series of helium excited states 8-62734
Warner, J.W. *see* Herbst, W. 8-93332
Warner, M., Edwards, S.F. Neutron scattering from strained polymer networks 8-78846
Warner, R.A. *see* Brown, B.A. 8-78255
Warner, R.A. *see* Firestone, R.B. 8-50130
Warner, S.B. On the structure of polyacrylonitrile 8-83752
Warnick, W.L. *see* Turchi, P.J. 8-54902
Warnock, A.C.C. Studies of acoustical parameters in open-plan offices 8-55520
Waroquier, M. *see* Heyde, K. 8-66251, 8-78343
Waroquier, M. *see* Sau, J. 8-50100, 8-81922
Warren, A.D. Analysis of out-of-field radiation in reimaging optical systems 8-59117
Warren, B.A. Bottom wave transport through the Southwest Indian Ridge 8-81178
Warren, B.B. *see* Huggins, B.E. 8-53043
Warren, G., Dobberstein, B. Protein transfer across microsomal membranes reassembled from separated membrane components 8-69029
Warren, G. *see* Stenbacka, R. 8-54645
Warren, P.R., Bywater, R.A. On the numbers of yellow stars in the Large Magellanic Cloud. II 8-93417
Warren, P.R. *see* Dean, J.F. 8-65630
Warren, R.E. Correlation and structure functions for arbitrary optical beams in a random medium 8-66756
Warren, R.E. Multiple pulse detection in atmospheric turbulence 8-92974
Warren, R.L. *see* Boshier, S.K. 8-61203
Warren, R.W. Vacuum interrupters used for the interruption of high DC currents 8-74489
Warren, S., Chute, R.N., Porter, M.W., Brown, C.E., Gates, O. Leukemia and lymphoma in irradiated parabiont rats 8-53457
Warren, S.E. Thermoluminescence dating of pottery: an assessment of the dose-rate from rubidium 8-70242
Warren, W.E. *see* Huang, C.Y. 8-51117
Warren, W.H., Jr., Hesser, J.E. A photometric study of the Orion OB 1 association. III. Subgroup analyses 8-77582
Warren, W.W., Jr. *see* Weser, G. 8-88320
Warrick, H.A. *see* Cossalter, J.G. 8-57126
Warrior, A.V.R. *see* Hasan, T. 8-88321
Warrior, J. *see* Jindal, S. 8-80045
Warshel, A. A microscopic model for calculations of chemical processes in aqueous solutions 8-60980
Warshel, A., Deakyne, C. Coupling of charge stabilization, torsion and bond alternation in light-induced reactions of visual pigments 8-64999
Warshowsky, J. *see* Cooper, J. 8-56983
Wartell, M.A. *see* Olsen, D.P. 8-70902
Wartzok, D., McCormick, M.G. Color discrimination by a Bering Sea spotted seal, *Phoca largha* 8-69077
Warwick, J.W. *see* Dryer, M. 8-57422
Warwick, M.E. Role of tin powder incorporated into laquers applied to tinplate containers 8-80671
Wasa, K., Hayakawa, S. Some features of magnetron sputtering 8-84713
Wasa, K. *see* Ohji, K. 8-95692
Wasa, K. *see* Ono, S. 8-83199
Wasan, D.T. *see* Kaellis, J. 8-93633
Waschkowski, W. *see* Koester, L. 8-70539
Waseda, Y., Chen, H.S. Calculation of electrical resistivity and its temperature coefficient of amorphous $\text{Cu}_{60}\text{-Zr}_{40}$ alloy using t-matrix 8-72130
Waseda, Y., Jacob, K.T., Tsuchiya, Y., Tamaki, S. Vapour pressure of liquid metals and alloys 8-83935
Waseda, Y., Toguri, J.M. The charge transfer effect in liquid transition metal-rare earth metal alloys 8-94967
Waseda, Y. *see* Tamaki, S. 8-95253
Washburn, H.A., Sites, J.R. Oscillatory transport coefficients in InAs surface layers 8-64136
Washburn, J. *see* Drosd, R. 8-51530
Washburn, J. *see* Seshan, K. 8-87725
Washida, N., Akimoto, H., Okuda, M. Formation of singlet state molecular oxygen in the reaction of $\text{H}+\text{O}_2$ 8-53204
Washida, N., Akimoto, H., Takagi, H., Okuda, M. Gas chromatography/photoionization mass spectrometry 8-92531
Washino, M. *see* Tokunaga, O. 8-80765, 8-80766
Washio, K. Opto-acoustic spectroscopy 8-89554
Washio, K. *see* Hotta, K. 8-56947
Washio, J. *see* Minami, T. 8-59762
Wasiak, A. *see* Alfonso, G.C. 8-75579
Wasilewski, C., Dos Santos, F., Herreros Usher, O., Nassif, S.J. Excitation functions and thick target yields for deuterium induced reactions on zirconium 8-50182
Wasilewski, P. Characteristics of first order shock induced magnetic transitions in iron and discrimination from TRM 8-64205
Wasilewski, R.J. On the nature of deformation of a crystalline solid. I. Discontinuous nature of elastic deformation 8-75072
Wasilewski, R.J. On the nature of deformation of a crystalline solid. II. The absolute strain rate in elastic deformation 8-75073
Wasilewski, W. *see* Jachowicz, W. 8-56316
Wasitnyski, T. Self-consistent phonon calculation for solid ethylene 8-75745
Waskiewicz, J.D., Murray, A.L., Lewis, C.H. Hypersonic viscous shock-layer flow over a highly cooled sphere 8-51189
Wasniewski, A. *see* Malugani, J.P. 8-79805
Wasniewski, A. *see* Malugani, J.-P. 8-67854
Wassam, W.A., Jr., Lim, E.C. 'Proximity effect' and radiationless transitions in aromatic molecules with non-bonding electrons 8-58736
Wassam, W.A., Jr., Lim, E.C. QSM treatment of radiationless transitions: effects of frequency shifts of decay rates of heteroaromatic molecules 8-74691
Wassam, W.A., Jr., Lim, E.C. Vibrational tuning of the proximity effect in radiationless transitions 8-94274
Wasserbach, W. *see* Eckhardt, D. 8-75769
Wasserburg, G.J. *see* McCulloch, M.T. 8-89134

- Wasserburg, G.J. *see* Papanastassiou, D.A. 8-89133
- Wasserburg, G.J. *see* Smith, S.P. 8-65559
- Wasserman, E. *see* Levine, B.F. 8-70962
- Wasserman, I. On the origins of galaxies, galactic angular momenta, and galactic magnetic fields 8-93405
- Wasserman, L., Brecher, K. Time invariance of Planck's constant 8-93556
- Wasserman, L.H. *see* Millis, R.L. 8-89118
- Wasserman, Z. *see* Snyder, L.C. 8-91522
- Wasserman, Z. *see* Stillinger, F.H. 8-82806
- Wasserman, Z.R. *see* Reed, W.A. 8-80431
- Wassermann, E.F. *see* Buchmann, R. 8-80163
- Wassermann, G. *see* Bergmann, H.W. 8-52727
- Wasserrab, T. Contribution to the calculation of the radiative recombination probability B in intrinsic silicon 8-95608
- Wassilew, G. *see* Budurov, S. 8-92242
- Wassink, J.H. *see* Donders, J.J.H. 8-81029
- Wasson, J.R., Corvan, P.J. Electron spin resonance 8-82753
- Wasson, J.R., Corvan, P.J. Nuclear magnetic resonance spectrometry 8-85217
- Wasson, J.T. *see* Kallemeyn, G.W. 8-96443
- Wasson, J.T. *see* Scott, E.R.D. 8-65571
- Wasson, O.A., Schrack, R.A., Lamaze, G.P. Neutron flux monitoring and data analysis for neutron standard reaction cross sections 8-90039
- Wasson, O.A. *see* Lamaze, G.P. 8-89865
- Wasson, O.A. *see* Schrack, R.A. 8-89866
- Wasson, R.L. *see* Kuntzleman, H.C. 8-86264
- Waston-Yang, T.J. *see* Freeman, A.J. 8-63834
- Wasty, P. *see* Schielhaas, K.-P. 8-86730
- Waszczak, J.P. *see* Hackley, D.S. 8-50389
- Waszczak, J.V. Low temperature magnetic susceptibilities of cubic langbeinite transition metal sulfates 8-56299
- Waszczak, J.V. *see* Di Salvo, F.J. 8-72149
- Waszink, J.H., Flinsenberg, H.J. Determination of the electron density in a high-pressure Na-Xe discharge from the profile of a Stark-broadened spectral line 8-75415
- Watabe, M. *see* Hoshino, K. 8-51952
- Watabe, M. *see* Itoh, M. 8-84190
- Watahani, A. *see* Osakada, K. 8-52938
- Wataghin, A. *see* La Camera, M. 8-74287, 8-94022
- Watanabe, A., Moroto, S. Temperature coefficient of surface tension for organic liquid with branched-chain 8-75913
- Watanabe, A., Yano, T. Direction of displacement in LiNbO₃ X-cut plate shear transducer 8-51031
- Watanabe, A. *see* Kawakami, K. 8-53465
- Watanabe, A. *see* Muramatsu, K. 8-72713
- Watanabe, A. *see* Yano, T. 8-50910
- Watanabe, D. Short-range-order diffuse scattering from disordered alloys 8-87595
- Watanabe, E. *see* Okida, K. 8-89072
- Watanabe, E. *see* Yamashita, Y. 8-73711
- Watanabe, F. *see* Konishi, S. 8-91908
- Watanabe, H. *see* Hatano, H. 8-64399
- Watanabe, H. *see* Koterazawa, R. 8-72842
- Watanabe, H. *see* Nagao, S. 8-55009
- Watanabe, H. *see* Oda, H. 8-52617
- Watanabe, H. *see* Okabayashi, H. 8-80980
- Watanabe, H. *see* Seki, Y. 8-51543
- Watanabe, H. *see* Shinohara, T. 8-72441
- Watanabe, H. *see* Yamaguchi, Y. 8-64190, 8-87906
- Watanabe, I., Kawachi, M., Shimizu, T. Magnetic and electrical properties in amorphous Ge-Fe-Fe films 8-52319
- Watanabe, I. *see* Okada, M. 8-94734
- Watanabe, I. *see* Shimizu, T. 8-72155, 8-88374
- Watanabe, K. Frictional resistance of a rotating disk in polymer solutions. (Laminar and transitional region from laminar to turbulent flow) 8-75173
- Watanabe, K., Hashiba, M., Yamashina, T. Quantitative in-depth profile of passivated oxide layers of GaAs by AES-SIMS—a comparison of thermal, anodic and plasma oxidations 8-84087
- Watanabe, K., Kneppo, I., Weis, M. Comments on 'Measurement of microwave loss tangent by means of microwave resonator bridge' [and reply] 8-54391
- Watanabe, K., Sasaki, M., Mohri, M., Yamashina, T. Quantitative measurement of surface roughness of graphite. Silicon carbide and molybdenum irradiated with energetic deuterons 8-95210
- Watanabe, K., Taira, T., Mori, Y., Nakata, T. Studies on improvement of heat transfer characteristics in high temperature heat exchangers. I. Improvement of the circular duct by inserting the coaxial tube 8-87244
- Watanabe, K. *see* Masumoto, H. 8-59784, 8-76634
- Watanabe, K. *see* Mohri, M. 8-79647, 8-80444
- Watanabe, K. *see* Nakamura, K. 8-64131, 8-84206
- Watanabe, K. *see* Yamashina, T. 8-95636
- Watanabe, M. On the whistler wave solitons 8-75286
- Watanabe, M., Mukai, Y., Murata, M., Tsujii, G. Investigation of SCC mechanism of SUS 304 in boiling 42% MgCl₂ solution by fractographic observation 8-53025
- Watanabe, M. *see* Adati, K. 8-55007
- Watanabe, M. *see* Watanabe, T. 8-83563
- Watanabe, N., Watari, T., Hiroe, S., Hidekuma, S., Kumazawa, R., Adati, K., Sato, T. Radio frequency heating of multi-ion species plasma 8-59629
- Watanabe, N. *see* Hiroe, S. 8-59656
- Watanabe, N. *see* Kurimoto, K. 8-93031
- Watanabe, N. *see* Nakanishi, K. 8-55794
- Watanabe, N. *see* Suzuki, K. 8-92931
- Watanabe, R., Nakajima, N. Precise dielectric measurements at 100 GHz range using Fabry-Perot resonator 8-70163
- Watanabe, R. *see* Hirano, T. 8-80677
- Watanabe, R. *see* Iwao, N. 8-53020
- Watanabe, S. Soliton and generation of tail in nonlinear dispersive media with weak dissipation 8-75287
- Watanabe, S., Ohishi, M., Tanaka, H. Coupled modes approach to non-linear dispersive wave. II. Effect of dissipation on recurrence 8-49670
- Watanabe, S., Shiratori, S., Sato, T., Kashiwagi, H. Efficient amplification of a discharge-pumped KrF laser 8-78997
- Watanabe, S. *see* Inomoto, K. 8-94488
- Watanabe, S. *see* Kashiwagi, H. 8-66807
- Watanabe, S. *see* Kotaki, M. 8-73576
- Watanabe, S. *see* Miyaji, H. 8-80558
- Watanabe, S. *see* Ondoh, T. 8-69648, 8-85770
- Watanabe, T. IPS observations of flare-generated interplanetary shock waves during the second STIP interval (March 15-May 15, 1976) 8-81514
- Watanabe, T., Davies, P.W. Grain boundary sliding and intergranular fracture behaviour of copper bicrystals 8-75717
- Watanabe, T., Izumi, K. Growth of high-temperature phase crystals in a single crystal of long-chain molecule 8-71700
- Watanabe, T., Kodaira, K. Model study of the sphericity effects in extended atmospheres of late-type stars 8-81617
- Watanabe, T., Mori, Y., Ohkura, H. Transverse spin relaxation processes of the F₂(Li) centers in KCl and KBr at LHeT 8-91950
- Watanabe, T., Murakami, T., Karashima, S. Misorientation dependence of grain boundary segregation 8-76629
- Watanabe, T., Nishikawa, K. Theory of two-fluid equilibrium of an axially symmetric plasma 8-51282
- Watanabe, T., Sakai, H. Responses of the cat's collicular auditory neuron to human speech 8-92646
- Watanabe, T., Sanuki, H., Watanabe, M. A new treatment of localised modes in inhomogeneous Vlasov plasma 8-83563
- Watanabe, T., Tanabe, Y., Imamura, N. Anomalous magnetization-temperature characteristic in electroless Ni-B amorphous plating films 8-76279
- Watanabe, T. *see* Adati, K. 8-55007
- Watanabe, T. *see* Arima, I. 8-67583
- Watanabe, T. *see* Ashida, M. 8-67924
- Watanabe, T. *see* Ikada, E. 8-92019
- Watanabe, T. *see* Ishigai, S. 8-67016
- Watanabe, T. *see* Ishigure, N. 8-51915
- Watanabe, T. *see* Itagaki, T. 8-80617
- Watanabe, T. *see* Kodaira, K. 8-73713
- Watanabe, T. *see* Kokawa, H. 8-76680
- Watanabe, T. *see* Maezawa, S. 8-51099
- Watanabe, T. *see* Mori, N. 8-91866
- Watanabe, T. *see* Okaji, M. 8-84017
- Watanabe, T. *see* Suwa, T. 8-80747
- Watanabe, T. *see* Tanaka, W. 8-61850
- Watanabe, T. *see* Usami, T. 8-96148
- Watanabe, T. *see* Watari, T. 8-83604
- Watanabe, Y., Obayashi, T. The intermediate layer observed by the impedance probe on board the S-310-3 sounding rocket 8-61646
- Watanabe, Y. *see* Auer, I.P. 8-62433, 8-78206
- Watanabe, Y. *see* Aver, I.P. 8-62432
- Watanabe, Y. *see* Colton, E. 8-55074
- Watanabe, Y. *see* Hasegawa, T. 8-79154
- Watanabe, Y. *see* Kawamura, T. 8-84688
- Watanabe, Y. *see* Kudo, K. 8-55753
- Watanabe, Y. *see* Mukoyama, T. 8-79650
- Watanuki, G., Miyaniishi, Y., Yasuno, M. Static quadrupole moments of vibrational states in spherical nuclei 8-62481
- Watari, T., Hatori, T., Kumazawa, R., Hidekuma, S., Aoki, T., Kawamoto, T., Inutake, M., Hiroe, S., Adati, K., Nishizawa, A., Sato, T., Watanabe, T., Obayashi, H., Takayama, K. Radio-frequency plugging of a high density plasma 8-83604
- Watari, T. *see* Hiroe, S. 8-59656
- Watari, T. *see* Watanabe, N. 8-59629
- Watase, Y. *see* Kamae, T. 8-82215
- Watel, G. *see* Manus, C. 8-62907
- Watel, G. (editor) Proceedings of the 10th International Conference on the Physics of Electronic and Atomic Collisions 8-58758
- Wattelle, G. *see* Niepce, J.-C. 8-85152
- Wattelle-Marion, G. *see* Bertrand, G. 8-76852
- Water, W. van de *see* van de Water, W.
- Waterman, F.M., Kuchnir, F.T., Skaggs, L.S., Bewley, D.K., Page, B.C., Attix, F.H. The use of ¹⁹B to enhance the tumour dose in fast-neutron therapy 8-73249
- Waterman, F.M., Kuchnir, F.T., Skaggs, L.S., Hendry, G.O., Tom, J.L. Dosimetric properties of neutron beams from the D-D reaction in the energy range from 6.8 to 11.1 MeV 8-53509
- Waterman, F.M. *see* Madey, R. 8-58542
- Waterman, P.C. Matrix theory of elastic wave scattering. II. A new conservation law 8-63217
- Waters, G., Blair, I.M., Ludgate, G.A., Stewart, N.M., Amsler, C., Brown, R.C., Bugg, D.V., Edgington, J.A., Oram, C.J., Shakarchi, K., Clough, A.S., Axen, D., Jacard, S., Vavra, J. A polarimeter for nucleons between 100 and 500 MeV 8-82599
- Waters, J.P. *see* Erf, R.K. 8-60977
- Waters, K.H. Reflection seismology. A tool for energy resource exploration 8-96162
- Waters, N.D., Petric, C.J.S. The existence of solutions for a stretching jet 8-71379
- Waters, R.M. *see* Cameron, W. 8-54653
- Waters, R.T. *see* Bye, P. 8-87580
- Waters, R.T. *see* Farrag, N. 8-87542
- Waters, R.T. *see* Goldman, A. 8-87539
- Waters, W.M. Comments on 'A new imaging principle' [and reply] 8-78964
- Waterstrat, R.M., Haenssler, F., Muller, J., Dahlgren, S., Willis, J.O. New high-pressure phases of Nb₂S₃ produced by recrystallization of metastable sputter deposits 8-60571
- Waterstrat, R.M., Manuszewski, R.C., Giessen, B.C., Koch, R. The tantalum-palladium constitution diagram 8-76632
- Wathore, T.N., Kulkarni, R.G. X-ray determination of lattice parameters, thermal expansion and defect formation energy of sodium bromate 8-79786
- Watkin, K.L., Minifie, F.D., Kennedy, J.G. An ultrasonic-EMG transducer for biodynamic research 8-77164
- Watkins, A.J. Psychoacoustical aspects of synthesized vertical local cues 8-61198
- Watkins, A.R. *see* Selinger, B.K. 8-64855
- Watkins, B.J. A numerical computer investigation of the polar F-region ionosphere 8-65458
- Watkins, B.J., Belon, A.E. Incoherent scatter radar measurements of electron density and ion velocity during an isolated substorm 8-65452
- Watkins, C.D. Radar to the planets and back 8-73663
- Watkins, D. *see* Ahrenkiel, R.K. 8-64348
- Watkins, D.C., Cobine, J.D., Vonnegut, B. Electric discharges inside tornadoes 8-53711
- Watkins, G.D. *see* Bonner, J.C. 8-68209
- Watkins, H. HPLLOT: The graphics interface package for the HBOOK histogramming package 8-89465
- Watkins, H. *see* Stempler, S. 8-59202
- Watkins, J. *see* Prestrude, A.M. 8-69079
- Watkins, L. *see* Prestrude, A.M. 8-69079
- Watkins, L.S. *see* Smithgall, D.H. 8-62176
- Watkins, N.D. *see* Wilson, L. 8-61381
- Watkins, P.M. *see* Corden, M.J. 8-62470
- Watkins, W.R. *see* White, K.O. 8-92973
- Watkinson, A. *see* Mills, B.Y. 8-96523
- Watkinson, A.P., Brimacombe, J.K. Heat transfer in a direct-fired rotary kiln. II. Heat flow results and their interpretation 8-83225
- Watkinson, A.P. *see* Brimacombe, J.K. 8-83224
- Watkinson, K.M. *see* Rider, J.G. 8-76690
- Watkinson, P., Goodyear, C.C. Noise measurements in MOS transistor and vibrating-capacitor electrometers 8-54398
- Watson, A. The nature of wall temperature distributions in regions of deteriorated heat transfer 8-83377
- Watson, A.E., Russell, G.M. The analysis of geological samples for trace elements by direct-reading emission spectrometry 8-85738
- Watson, B. *see* Farrar, A. 8-86999
- Watson, B.A. *see* Becker, J.A. 8-90043
- Watson, B.A. *see* Payne, G.L. 8-94935
- Watson, B.W. Medical electronics 8-49621
- Watson, D. *see* Aldritt, M. 8-61623
- Watson, D.B., Chin, S.C. Breakdown of solid dielectrics by treeing 8-84526
- Watson, D.C., Fateman, R.J., Baldwin, D.E. Differential equation for Alfvén ion cyclotron waves in finite-length plasma 8-91097
- Watson, D.C. *see* Alderson, P.O. 8-85362
- Watson, D.C. *see* Syracuse, D.C. 8-69254
- Watson, D.K., Dalgarno, A., Stewart, R.F. Inner-shell photoionisation of the beryllium isoelectronic sequence 8-74623
- Watson, D.W. Underwater sonar communication 8-94478
- Watson, E.C. *see* Brenchley, D.L. 8-94112

- Watson, F.G. The zenithal blind spot of a computer-controlled altazimuth telescope 8-53823
- Watson, F.G. *see* Clube, S.V.M. 8-93276
- Watson, G.A. Flowmeter types and their usage 8-55698
- Watson, G.E. Trajectories of quantized vortex rings near an orifice 8-55995
- Watson, J.D. *see* Mutton, P.J. 8-92367
- Watson, J.E., Jr. *see* Powers, R.P. 8-80968
- Watson, J.E., Jr. *see* Sasser, M.K. 8-85612
- Watson, J.H.P. Approximate solutions of the magnetic separator equations 8-74811
- Watson, J.K. *see* Huijter, E. 8-68328
- Watson, J.M. *see* Cason, N.M. 8-82240
- Watson, J.S. *see* Begovich, J.M. 8-67286
- Watson, J.S. *see* Clinton, S.D. 8-66411
- Watson, J.S. *see* Fisher, P.W. 8-70626, 8-74499
- Watson, J.S. *see* Garber, H.J. 8-50363
- Watson, J.V. A linear transform of the multi-target survival curve [for cells exposed to radiation] 8-65078
- Watson, J.V. Precambrian thermal regimes 8-65235
- Watson, J.V. Ore-deposition through geological time 8-77235
- Watson, J.W. *see* Fitzgerald, D.H. 8-62424
- Watson, K. *see* Meiss, J. 8-93535
- Watson, M.G., Ricketts, M.J. The periodic behaviour of $2A\ 0042+323$ ($=3U\ 0042+32$) 8-54089
- Watson, M.G., Sherrington, M.R., Jameson, R.F. 'Hard' X-ray emission from dwarf novae 8-93275
- Watson, P. *see* Dabell, B.J. 8-64683
- Watson, P. *see* Morton, K. 8-60833
- Watson, P. *see* Taylor, J.G. 8-60828
- Watson, P.A. *see* Brussaard, G. 8-57238
- Watson, P.G. *see* Delobelle, P. 8-76675
- Watson, P.R. *see* Frost, D.C. 8-87853
- Watson, P.R. *see* Streater, R.W. 8-56028
- Watson, R.E., Bennett, L.H. Comment on volume-corrected isomer shifts of transition-metal impurities 8-68434
- Watson, R.E., Perlman, M.L. Seeing with a new light: synchrotron radiation 8-74960
- Watson, R.E. *see* Herbst, J.F. 8-72117
- Watson, R.L., White, J.R., Jensen, F.E. Yield ratios for K α satellite and hypersatellite X-ray emission from 64 MeV sulfur ions penetrating thick solid targets 8-86810
- Watson, R.L. *see* Bahl, M.K. 8-58638
- Watson, R.L. *see* Demarest, J.A. 8-66496
- Watson, W.D., Christensen, R.B., Deissler, R.J. Rate coefficient for $H^+ + D \rightarrow H + D^+$ near threshold: significance for interstellar clouds 8-89239
- Watson, W.D., Snyder, L.E., Hollis, J.M. The DCO^+/HCO^+ abundance ratio and the electron density in cool interstellar clouds 8-65673
- Watson, W.D. *see* Elitzur, M. 8-61910
- Watson, W.L. *see* Ryan, H.M. 8-87552
- Watson-Yang, T.J. *see* Freeman, A.J. 8-52140
- Watt, A., Bottomley, D. The compression of medical ultrasonic data 8-77093
- Watt, A. *see* Singhal, R.P. 8-62523
- Watt, A. *see* Whitehead, R.R. 8-58240, 8-62492
- Watt, D.E. *see* Thwaites, D.I. 8-50447
- Watt, F., Fifeild, L.K., Hurst, M.J., Symons, T.J.M., Zimmerman, C.H., Allen, K.W. A cryogenically pumped gas target for the study of angular distributions of gamma rays following radiative capture 8-55076
- Watt, F. *see* Banu, H. 8-93946
- Watt, J.P., O'Connell, R.J. Mixed-oxide and perovskite-structure model mantles from 700-1200 km 8-85507
- Watt, R.D. *see* Ballam, J. 8-82591
- Watt, R.G., Brooks, R.D., Pietrzyk, Z.A. Observation of stimulated Raman backscatter from a preformed, underdense plasma 8-71490
- Wattayakorn, G. Water pollution problems in Thailand 8-88853
- Watteau, J.P. Biomedical engineering education in France 8-73807
- Watterich, A. Z_L like centre in NaCl doped by divalent metals: Mg, Mn, Ni, Cd, or Pb 8-76498
- Watters, J.F. *see* Carpenter, G.J.C. 8-55951
- Watterson, J. Proterozoic intraplate deformation in the light of South-east Asian neotectonics 8-65250
- Watton, A. Nuclear spin-lattice relaxation from hindered rotations in dipolar solids 8-52373
- Watton, A., Reynhardt, E.C., Petch, H.E. Proton magnetic resonance study of lithium ammonium sulfate 8-88205
- Watton, R. Thermal properties of reticulated layers: analytical solutions and design parameters 8-49897
- Watts, A.B., Marsh, B.D., Marsh, J.G. Comment on 'On global gravity anomalies and two-scale mantle convection' by Bruce D. Marsh and James G. Marsh [and reply] 8-85528
- Watts, B.R. *see* Mayers, J. 8-51876
- Watts, C.D. *see* Hajibrahim, S.K. 8-61078
- Watts, D. Severe cyclone in the Arabian Gulf-June 1977 8-69429
- Watts, D.C., Perry, E.P. Dielectric relaxation behaviour and the ductile/brittle transition of polycarbonate 8-52438
- Watts, H.L. *see* Bettis, E.S. 8-54897, 8-62649
- Watts, H.L. *see* Uckan, N.A. 8-54981
- Watts, J.R., Murphy, C.E., Jr. Assessment of potential radiation dose to man from an acute tritium release into a forest ecosystem 8-96101
- Watts, J.W., Jr. *see* Fishman, G.J. 8-93465
- Watts, L.A. *see* Russell, E.E. 8-57429
- Watts, M.P., Heylen, A.E.D. Stepped-sideways Townsend discharge movement in a crossed magnetic field 8-79489
- Watts, M.W. Cosmic rays and breakdown in SF_6 8-87577
- Watts, R.D. *see* Finkelstein, L. 8-93641
- Watts, R.O. *see* Duquette, G. 8-58764
- Watts, S.H. *see* Sugden, D.E. 8-61442
- Watts, T. An approach to photomacrography 8-78009
- Watzig, W., Westmeier, W. ALFUN—a program for the evaluation of complex alpha-spectra 8-74552
- Waudby, P.E. Rare earth additions to steel 8-72786
- Waugh, A.F. Fast-scan, beam-profile monitor 8-54941
- Waugh, A.F. *see* Hinkle, R.E. 8-58494
- Waugh, J.S. Coherent averaging and applications 8-73887
- Waugh, J.S., Maricq, M.M., Cantor, R. Rotational spin echoes in solids 8-68410
- Wautelet, M., Laude, L.D. Electronic structure of solids under laser irradiation 8-91614
- Wawryszczuk, J. *see* Alikov, B.A. 8-82562
- Wawryszczuk, J. *see* Goworek, T. 8-91647
- Wawryszczuk, J. *see* Gustaw, W. 8-76551
- Waxin, G. *see* Rouvaen, J.M. 8-63920
- Waxler, R.M. *see* Feldman, A. 8-68474
- Waxman, A.M. Boundary layer circulation in disk-halo galaxies 8-57627
- Waxman, M.B. *see* Grossman, G. 8-53550
- Waxman, M.B. *see* Grossman, G.S. 8-81027
- Way, K.R. *see* Chung-Yung Robert Wu 8-55255
- Way, K.R. *see* Crooks, J.B. 8-78788
- Way, K.R. *see* Phillips, W.D. 8-94309
- Way, K.R. *see* Zemke, W.T. 8-78752
- Wayenberg, J. *see* Campbell, W.J. 8-81173
- Waylen, P.C. Green's functions in the early Universe 8-73786
- Waylen, P.C. Gravitational waves in an expanding universe 8-73787
- Wayman, C.M. *see* Gladin, R.T. 8-72954
- Wayman, C.M. *see* Huson, T.E. 8-84092
- Wayman, C.M. *see* Umemoto, M. 8-60671, 8-88466
- Waynant, R.W. *see* Eden, J.G. 8-58730, 8-63066
- Waynant, R.W. *see* Wexler, B.L. 8-55381
- Wayner, P.C., Jr. The effect of the London-Vander Waals dispersion force on interline heat transfer 8-71276
- Waysbort, D., Navon, G. The effect of spin delocalisation on the proton magnetic relaxation in transition metal hexaaquo ions 8-62827
- Wayte, R.C. *see* Whittet, D.C.B. 8-69860
- Wazer, J.R. *see* Van der Waals, J.R.
- Wazzan, A.R. *see* Prajoto, P. 8-78469
- Wdowczyk, J. *see* Giler, M. 8-96368
- Weaire, D., Hodges, C. Anderson localisation and the recursion method 8-84167
- Weaire, D. *see* Wilson, J.I.B. 8-80016
- Weaire, D.L. *see* Firth, W.J. 8-71106
- Wear, J.O. Blood-gas analyzers [maintenance and troubleshooting] 8-69238
- Wear, J.O. Safety in the ICU/CCU 8-69252
- Weare, J.H. *see* I-Ming Chou 8-55984
- Weare, J.H. *see* Lert, P.W. 8-56089, 8-56197, 8-72221
- Weare, J.H. *see* Malik, D.J. 8-74731
- Weart, S. A little more light on N rays [for teaching] 8-49626
- Weatherall, J.C. *see* Nicholson, D.R. 8-93173
- Weatherly, G.C. *see* Eadie, R.L. 8-52713
- Weatherly, G.C. *see* Roth, M. 8-60792
- Weathers, M.S. *see* Bochsler, P. 8-65313
- Weaver, D.L. Tunneling, stochastic quantization and escape over a barrier 8-57819
- Weaver, D.L. Thermal desorption with large variable friction constant 8-71974
- Weaver, D.L. Solving spin-1 problems using spin-1/2 methods 8-73793
- Weaver, D.L. *see* Gunther, L. 8-61984
- Weaver, G. *see* Reid, C.N. 8-57720
- Weaver, H.T., Schirber, J.E. Evidence for valence fluctuations in CeAs 8-91966
- Weaver, H.T. *see* Schirber, J.E. 8-68392
- Weaver, J.E., Leach, W.M., Jr. Optical measurement of loudspeaker driver large signal displacement 8-51023
- Weaver, J.H. Optical spectroscopy of bulk metals. [Electronic structure determination] 8-91611
- Weaver, J.H. *see* Dietz, R.E. 8-92177
- Weaver, J.T., Brewitt-Taylor, C.R. Improved boundary conditions for the numerical solution of E-polarization problems in geomagnetic induction 8-77182
- Weaver, K.E., Goodenough, D.J., Briefel, E. Sensitometry in computerized tomography 8-69194
- Weaver, L., Nutting, J., Hudson, B. Enhanced growth of precipitates in Al-4% Cu alloy under irradiation 8-52818
- Weaver, L.A. *see* Feldman, D.W. 8-50808, 8-79037
- Weaver, R. *see* Campbell, W.J. 8-81173
- Weaver, R.P. Consequences of narrow cyclotron emission from Hercules X-1 8-81709
- Webb, B.W. *see* Walling, D.E. 8-69375
- Webb, D.C. *see* Arthur, C.W. 8-96358
- Webb, D.C. *see* Forester, D.W. 8-63240
- Webb, D.C. *see* Ganguly, A.K. 8-52327
- Webb, D.C. *see* Lanzerotti, L.J. 8-96359
- Webb, D.F., Kundu, M.R. The association of nonthermal electrons with non-flaring coronal transients 8-65595
- Webb, D.J. Non-linear transfers between sea waves 8-81176
- Webb, G.A. *see* Ebraheem, K.A.K. 8-86787
- Webb, G.M. Project Daedalus: some principles for the design of a payload for a stellar flyby mission 8-81524
- Webb, G.M. A monoenergetic-source solution of the steady-state cosmic-ray equation of transport 8-96366
- Webb, G.M., Gleeson, L.J. Galactic cosmic rays in a finite solar cavity 8-69623
- Webb, G.W. Cold working Nb_3Al in the BCC structure and then converting to the A-15 structure 8-64553
- Webb, G.W. *see* Arko, A.J. 8-75985
- Webb, J.B., Dalal, N.S., Williams, D.F. Charge carrier transport in 1:1 complexes of tetracyanobenzene with naphthalene anthracene and durene 8-60161
- Webb, J.B., Williams, D.F. Charge carrier generation and mobilities in single crystal benzophenone 8-84231
- Webb, J.B. *see* Mansingh, A. 8-60238
- Webb, J.D., Bernstein, E.R. Charge-transfer interactions between transition metal hexafluorides and xenon 8-50664
- Webb, J.D. *see* Bernstein, E.R. 8-67992, 8-76032
- Webb, M.B. *see* Poppendieck, T.D. 8-71922
- Webb, M.P. *see* Vandenbosch, R. 8-66316
- Webb, P. *see* Troutman, S.J., Jr. 8-81008
- Webb, R. *see* Carter, G. 8-67753
- Webb, R. *see* Lockman, W. 8-82254
- Webb, R.A. New technique for improved low-temperature SQUID NMR measurements 8-54417
- Webb, R.A. Observation of magnetization reversals during relaxation measurements on superfluid 4He -A 8-79842
- Webb, R.A., Ketterson, J.B., Halperin, W.P., Vuillemin, J.J., Sandesara, N.B. Very low temperature search for superconductivity in Pd, Pt, and Rh 8-91799
- Webb, R.C. *see* Carroll, A.S. 8-89757
- Webb, R.C. *see* Cester, R. 8-66145
- Webb, S.V. *see* Kratz, K.E. 8-64996
- Webb, S.W. Containment negative pressure evaluation 8-50275
- Webb, S.W. *see* Adey, A.A.J. 8-57049
- Webb, W.E., Jr., Carlson, R.W. The feasibility of transporting nuclear fuel by air 8-94154
- Webb-Peploe, M.M. *see* Malcolm, A.D. 8-81059
- Webber, B.R. *see* Bee, N.J. 8-62371
- Webber, B.R. *see* Crozier, P.J. 8-82246
- Webber, B.R. *see* Rushbrooke, J.G. 8-74279
- Webber, C.E. *see* Davis, M.W. 8-86709
- Webber, J.C., DeNoyer, L.K., Yang, K.S., Swenson, G.W., Jr. Observations of variable radio sources at 18-cm wavelength. II. A complete sample 8-89268
- Webber, J.C. *see* Cuomo, J.J. 8-72663
- Webber, W.R. *see* Lezniak, J.A. 8-93059
- Webber, W.R. *see* Palmer, I.D. 8-89017
- Webber, W.R. *see* Rockstroh, J.M. 8-93056
- Webber, W.R. *see* Zwickl, R.D. 8-57421
- Weber, C., Adams, E. Mathematical model and solution for the lubricating film thickness at an elastohydrodynamic point contact 8-63464
- Weber, C. *see* Lede, J. 8-91056
- Weber, C. *see* van Nieuwland, J.M. 8-83196
- Weber, D. *see* Crawley, G.M. 8-50158
- Weber, D. *see* Gales, S. 8-82362
- Weber, D.L. Suppression and critical bands in band-limiting experiments 8-92641
- Weber, E. Iron as a thermal defect in silicon 8-91355
- Weber, E.W., Goldsmith, J.E.M. Double-quantum saturation spectroscopy in hydrogen: measurement of the $3P_{3/2}$ - $3D_{3/2}$ Lamb shift 8-94223

- Weber, F. Wind shears and inversions in the planetary boundary layer 8-81336
- Weber, G. see Bockmann, R.-D. 8-69225, 8-85438
- Weber, G. see Braun, D. 8-67817
- Weber, G. see Christmann, L. 8-67162
- Weber, G. see Chrystomallis, G.S. 8-66576
- Weber, G. see Jameson, D.M. 8-54423
- Weber, G. see Johnsen, U. 8-76086
- Weber, G. see Tormala, P. 8-87324
- Weber, H. see Hildebrand, O. 8-84244
- Weber, H. see Keshavan, S.Y. 8-90805
- Weber, H. see Lobsiger, W. 8-50832
- Weber, H. see Markfort, D. 8-82449
- Weber, H.E. Boundary layer calculation for analysis and design 8-94640
- Weber, H.G. see Feierabend, S. 8-60426
- Weber, H.J. see Arenhovel, H. 8-89806
- Weber, H.J. see Tiator, L. 8-93899
- Weber, H.W., Seidl, E., Kirschenhofer, G. H_2 -anisotropy in TaN single crystals 8-80105
- Weber, I.T., Johnson, L.N., Wilson, K.S., Yeates, D.G.R., Wild, D.L., Jenkins, J.A. Crystallographic studies on the activity of glycogen phosphorylase b 8-80830
- Weber, J., Sandmann, W., Dietsche, W., Kinder, H. Absence of anomalous Kapitza conductance on freshly cleaved surfaces 8-63923
- Weber, J., Thalmann, N., Haselbach, E. Electronic structure of cyanomethanes calculated by the MS X α method 8-78626
- Weber, J. see Bovet, D. 8-78358
- Weber, J. see Chatelain, P. 8-58535, 8-89862
- Weber, J. see Sauer, R. 8-95607
- Weber, J. see Sperr, P. 8-70562
- Weber, J.E. On the stability of thermally driven shear flow heated from below 8-67177
- Weber, J.H. see Fausett, D.W. 8-92523
- Weber, J.W., Almasy, M.Y. Cladding breaches in mixed-oxide fuel pins 8-82450
- Weber, J.W. see Hata, D.C. 8-86583
- Weber, J.W. see Lawrence, L.A. 8-86584
- Weber, K.-H. see Jank, W. 8-62891
- Weber, L. see Grauer-Carstensen, E. 8-80706
- Weber, M., Steeb, S. Short range order in Fe-C melts by neutron scattering 8-71669
- Weber, M.E., Few, A.A. A balloon borne instrument to induce corona currents as a measure of electric fields in thunderclouds 8-61577
- Weber, M.J., Cline, C.F., Smith, W.L., Milam, D., Heiman, D., Hellwarth, R.W. Measurements of the electronic and nuclear contributions to the nonlinear refractive index of beryllium fluoride glasses 8-50866
- Weber, M.J., Morgret, R., Leung, S.Y., Griffin, J.A., Gabbe, D., Linz, A. Magneto-optical properties of $KTiF_6$ and $LiTbF_6$ crystals 8-72542
- Weber, M.J. see Griffin, J.A. 8-68484
- Weber, M.J. see Jacobs, R.R. 8-90417
- Weber, M.J. see Lee Smith, W. 8-58041
- Weber, P.M. see Schor, R. 8-85360
- Weber, R., Borchers, F., Levens, K., Rollgen, F.W. Collisional activation spectra of quaternary phosphonium and tertiary sulfonium cations produced by field desorption 8-56946
- Weber, R. see Macco, F. 8-72343
- Weber, T. see Chirardi, G.C. 8-70056
- Weber, T.A. see Reed, W.A. 8-80431
- Weber, T.A. see Snyder, L.C. 8-58577
- Weber, T.A. see Stilling, F.H. 8-67811
- Weber, T.W. Batch adsorption for pore diffusion with film resistance and an irreversible isotherm 8-84047
- Weber, W.H. see Jennings, D.E. 8-74660
- Webers, J., Westendorp, K. Introduction to copying technique. III. [Photographic techniques] 8-86366
- Webers, J., Westendorp, K. Introduction to photostating techniques. IV 8-89572
- Webers, J., Westendorp, K. Introduction to copying technology. V 8-93774
- Wehman, I. see Cohen, M.H. 8-56073, 8-84319
- Websdale, D. see Perneger, J. 8-50047
- Webster, B.C., Carmichael, I.C. Numerical solution of semicontinuum models for excess electrons 8-73129
- Webster, B.L. see Longmore, A.J. 8-65697
- Webster, B.L. see Pagel, B.E.J. 8-93381
- Webster, C.R. see Dixon, R.N. 8-70870
- Webster, D.A., Blackstock, D.T. Collinear interaction of noise with a finite-amplitude tone 8-55490
- Webster, D.S. see Harris, K.R. 8-80243
- Webster, G.A. see Nikbin, K.M. 8-60826
- Webster, J. see Boehm, R. 8-80915
- Webster, J.G. see Henderson, R.P. 8-53464
- Webster, R.T. see Schwenk, E.B. 8-52874
- Wecker, S.M., Morris, P.R. Modern methods of texture analysis 8-75914
- Wecksung, G.W., Breedlove, J.R., Jr. A technique for dynamic range reduction of LANDSAT ratio images 8-69547
- Wecksung, G.W., Breedlove, J.R., Jr. Some techniques for digital processing, display and interpretation of ratio images in multispectral remote sensing 8-81461
- Weddigen, Ch. see Besset, D. 8-62422
- Wedel, R.K. see Nast, T.C. 8-89040
- Wedell, R. Radiative damping effect for ultrarelativistic channelled particles 8-67758
- Weder, R. The unified approach to spectral analysis 8-73827
- Wedeven, L.D. Influence of debris dent on EHD lubrication 8-64709
- Wedgwood, F.A., de Novion, C.H., Murani, A.P. Splitting of optical phonons in $U(C_{0.60}N_{0.40})$ 8-71810
- Wedler, G., Geuss, K.-P., Colb, K.G., McElhinney, G. Heats of adsorption of hydrogen on polycrystalline iron films 8-91530
- Wedler, G., Gopel, W. The use of externally applied magnetic fields in the study of chemisorption on metal films 8-72003
- Wedler, H. see Broser, E. 8-50352
- Wedler, H. see van Mark, E. 8-55032
- Wee, W.G., Prakash, A. Evaluation of Fourier reconstruction techniques in relation to the total number of ray-sums [computed tomography] 8-77112
- Wee Woo, Estabrook, K., DeGroot, J.S. Resonant absorption of laser light by a magnetised plasma 8-51309
- Weed, H.C. see Duba, A. 8-61401
- Weedman, D.W. More Seyfert galaxies 8-77602
- Weedman, D.W. see Wu, C.-C. 8-89249
- Weekes, T.C. see Porter, N.A. 8-54084
- Weekes, T.C. see Turver, K.E. 8-73597
- Weeks, J.L. see McLean, D.R. 8-50411
- Weeks, L.H., Good, R.E., Randhawa, J.S., Trinks, H. Ozone measurements in the stratosphere, mesosphere, and lower thermosphere during Aladdin 74 8-57247
- Weeks, R.A., Chatelain, A. Electron paramagnetic resonance spectroscopy applied to diffusion in Mn^{2+} in MgO 8-91477
- Weeks, S.J., Haraguchi, H., Winefordner, J.D. Improvement of detection limits in laser-excited atomic fluorescence flame spectrometry 8-61073
- Weeks, S.J., Haraguchi, H., Winefordner, J.D. Laser-excited molecular fluorescence of CaOH in an air-acetylene flame 8-86908
- Weeks, S.J. see Boutilier, G.D. 8-82680
- Weeks, S.P. Final-state effects in angle-resolved photoemission from Ni (100) 8-56565
- Weeks, S.P., Rowe, J.E. Angle-resolved photoemission and LEED measurements using a Vidicon intensity processor: Chlorine on Si(111) 8-71972
- Weerd, J.P.C. de see de Weerd, J.P.C.
- Weert, Ch.G. van see van Weert, Ch.G.
- Weert, C.M.M. de see de Weert, C.M.M.
- Weertman, J. Creep laws for the mantle of the Earth 8-69305
- Weertman, J. see Burck, L.H. 8-68786
- Weertman, J. see Green, W.V. 8-79612
- Wefer, F.L. see Papagiannis, M.D. 8-61834
- Weg, W.F. van der see van der Weg, W.F.
- Wegdam, G.H. see Davies, A.R. 8-63651
- Weghaupt, T., Doezema, R.E. Measurement of the anisotropic electron-phonon scattering rates in Al 8-87753
- Wegener, D. see Darden, C.W. 8-62415, 8-93895
- Wegener, P.P. see Wu, B.J.C. 8-94871
- Wegener, W., Vanderhaeghen, J., Hautecler, S., Legrand, E., van Gerven, L. Rotational motion of cyclic ether molecules in clathrate hydrates studied by neutron scattering. I. Quasielastic scattering by ethylene oxide 8-91274
- Wegener, W., Vanderhaeghen, J., Hautecler, S., van Gerven, L. Rotational motion of cyclic ether molecules in clathrate hydrates studied by neutron scattering. II. Inelastic scattering by ethylene oxide 8-91275
- Weger, M. see Gutfreund, H. 8-84202
- Weger, M. see Horowitz, B. 8-60441
- Weger, M. see Shamir, N. 8-60267
- Weger, M. see Shitzkovsky, S. 8-60048
- Weger, M. see Zuppiroli, L. 8-60113
- Weggel, C., Hamburger, W., Montgomery, B., Pierce, N. The Alcatraz C magnetic coil systems 8-50355
- Weggel, C. see Cohn, D.R. 8-58417
- Weglein, A.B. Optimization of approximate solutions to the time-dependent Schrodinger equation 8-73885
- Weglein, R.D. 1.2 GHz temperature-stable SAW oscillator 8-59226
- Weglein, R.D. Gray scale for scanning acoustic microscopy 8-94494
- Weglein, R.D., Wilson, R.G. Characteristic material signatures by acoustic microscopy 8-63259
- Wegmann, A. Variations in mass spectral fragmentation produced by active sites in a mass spectrometer source 8-89581
- Wegmann, B. see Ziegler, W. 8-72788
- Wegmann, D. see Buchi, R. 8-64894
- Wegmann, H.M., Hermann, R., Wingett, C.M., de Muizon, M., Rouan, D., Lena, P., Wijnbergen, J., Olthof, H., Michel, K.W., Werner, Ch., Melchiorri, F., Melchiorri, B., Natale, V., Falciani, R., Smaldone, L.R., Bussoletti, E., Crawford, J., Rothwell, P., Taylor, M., Beckman, J.E., Dale, D., Schmitt, J., de Waard, J. ASSESS II: a simulated mission of Spacelab 8-85813
- Wegner, G. The peculiar white dwarf BPM 25114 8-93241
- Wegner, G. see Lochner, K. 8-80024
- Wegner, H.E. see Barrette, J. 8-58296
- Wegner, H.E. see Coffin, J.P. 8-66311
- Wehausen, J.V. see van Dyke, M. (editor) 8-59357
- Wehenkel, Cl. see Cukier, M. 8-90134
- Wehinger, P.A., Wyckoff, S. Resolved structure associated with the quasar PKS 0837-12 8-81704
- Wehlau, A., Hogg, H.S. The blue variables in Messier 22 8-85945
- Wehlau, A., Liller, M.H., Demers, S., Clement, C.C. Periods for nineteen RR Lyrae variables in NGC 1851 8-73714
- Wehlau, W.H. see Scrimger, J.N. 8-73748
- Wehner, P.S., Kevan, S.D., Williams, R.S., Davis, R.F., Shirley, D.A. Adsorbate sensitivity enhancement in photoemission: CO on Pd 8-80453
- Wehner, P.S. see Shirley, D.A. 8-52633
- Wehner, P.S. see Stohr, J. 8-52626, 8-95681
- Wehner, P.S. see Williams, R.S. 8-72700, 8-84697
- Wehrhahn, C. Flight torque and lift responses of the housefly (*Musca domestica*) to a single stripe moving in different parts of the visual field 8-85311
- Wehring, B.W. see Withee, C.J. 8-94036
- Wehrli, A. General properties of entropy 8-73955
- Wehrle, R.B. see Kustom, R.L. 8-55031
- Wehrli, F.W. Spin-lattice relaxation of some less common weakly quadrupolar nuclei 8-86889
- Wehrmann, O. Discrete values of the large scale structure in turbulent flows 8-90840
- Wehrse, R. A grid of model atmospheres and synthetic spectra for white dwarfs with $5000 \leq T_e \leq 7000$ K 8-93240
- Wehrum, A., Tjokrosetio, H., Gersten, K. Effect of inflow non-uniformity on low-speed-wind-tunnel-nozzles 8-71382
- Wehry, E.L. see Leese, R.A. 8-92548
- Wei, J.S., Westwood, W.D. A new method for determining thin-film refractive index and thickness using guided optical waves 8-74049
- Wei, R.P. Fracture mechanics approach to fatigue analysis in design 8-90794
- Wei, R.P. see Chou, Y.T. 8-75722
- Wei, T., Heeger, A.J., Sandman, D.J., Fisher, A.P., III Low temperature specific heat of N-methylphenazinium-tetracyanoquinodimethane (NMP-TCNQ) 8-52297
- Wei, T.S. see Bonner, J.C. 8-68209
- Wei Chau-Chin see Chau-Chin Wei
- Wei Ching-Yeu see Ching-Yeu Wei
- Wei Mein Sieng see Mein Sieng Wei
- Wei Rong-Jue see Bao Zi-Wei 8-92649
- Wei-Bao Li see Li Wei-Bao
- Wei-Chin Chao see Chao Wei-Chin
- Wei-Chou Fang, Rapp, R.A. The electrical conductivity of β -PbF $_3$ 8-71878
- Wei-Chyung Wang see Hansen, J.E. 8-69440
- Wei-Fang Wu see Wu Wei-Fang
- Wei-Gan Lin see Lin Wei-Gan
- Wei-le Yu see Yu Wei-le
- Wei-Qiong Huang see Huang Wei-Qiong
- Wei-shun Sung see Sung Wei-shun
- Wei-Tou Ni, Zimmermann, M. Inertial and gravitational effects in the proper reference frame of an accelerated, rotating observer 8-54259
- Wei-Yean Howng, Thorn, R.J. The multicomponent structure of the 4d orbital in X-ray photoelectron spectra of the lanthanum (III) ion 8-74620
- Weibull, W. see Talreja, R. 8-68797
- Weiche, W. see Jacobs, J.T. 8-65994
- Weichert, D.H. see Ram, A. 8-65211
- Weicht, U. see Friedrich, K. 8-50241
- Weickmann, H.K. see Parungo, F.P. 8-81284
- Weid, J.P. von der see von der Weid, J.P.
- Weidemann, E.G. see Janoschek, R. 8-94231
- Weiden, N., Weiss, A. Application of NQR double-resonance technique to a relative assignment of next-nearest neighbors within complex ions. Aluminum and bromine in KAl_2Br_7 8-91993
- Weiden, N. see Iron, M. 8-91983
- Weidenfeld, G. Change of time for Markov processes 8-62151
- Weidenmuller, H.A. Heavy-ion collisions in the framework of the statistical model 8-50192
- Weidenmuller, H.A. see Agassi, D. 8-82380
- Weidenmuller, H.A. see Barrett, B.R. 8-50205
- Weidenschilling, S.J. Iron/silicate fractionation and the origin of Mercury 8-85873

- Weidenschilling, S.J. The distribution of orbits of cosmic dust particles detected by Pioneers 8 and 9 8-89031
- Weidinger, A. *see* Echt, O. 8-92011
- Weidinger, A. *see* Patterson, B.D. 8-60373
- Weidlich, W. On the structure of exact solutions of discrete masterequations 8-77821
- Weidman, P.D. Internal solitary waves in a linearly stratified fluid 8-79332
- Weidmann, E. *see* Kopp, H. 8-80703
- Weidmann, G.W., Doll, W. Some results of optical interference measurements of critical displacements at the crack tip 8-84964
- Weidmann, G.W. *see* Doll, W. 8-73009
- Weidner, D.J., Wang, H., Ito, J. Elasticity of orthoenstatite 8-85546
- Weidner, G. Application of hillock etching of microdefects to the investigation of Czochralski silicon by transmission electron microscopy 8-87678
- Weidner, G.A., Stearns, C.R. Topographic influence on surface winds 8-81266
- Weidner, V.R. *see* Venable, W.H., Jr. 8-77967
- Weigand, A.J. Mechanical properties on ion-beam-textured surgical implant alloys 8-73297
- Weigel, D., Berar, J.F. Algebraic definition of symmetry (isometry) groups of crystals and other objects belonging to n dimensional space 8-55824
- Weigel, D. *see* Calvarin, G. 8-79788
- Weigel, H. *see* Michel, R. 8-66283
- Weigel, M.K., Winter, J. Self-consistent random-phase approximation for three-body forces 8-89810
- Weigelt, G.P. Speckle interferometry with a 1 m-telescope 8-69831
- Weigelt, G.P. Speckle interferometry measurements of 12 binary stars 8-85973
- Weigelt, G.P. Speckle holography measurements of the stars zeta Cancri and ADS 3358 8-93120
- Weigert, L.J. *see* Keyser, U. 8-58230
- Weight, J.P., Hayman, A.J. Observations of the propagation of very short ultrasonic pulses and their reflection by small targets 8-50986
- Weightman, P. *see* Andrews, P.T. 8-72681
- Weigold, E. *see* Dixon, A.J. 8-55242, 8-55245
- Weigold, E. *see* Foss, I. 8-55246
- Weigold, E. *see* Hood, S.T. 8-94332
- Weigold, W. EOT 2000—an electro-optical tacheometer of VEB Carl Zeiss JENA 8-77858
- Weigt, G. *see* Becker, L. 8-86446
- Weiguny, A. Pauli principle and absorption in heavy ion reactions 8-50188
- Weihreter, E., Hartrott, M., Hohne, J., Quitmann, D., Rossbach, J., Willeke, F. Concentration fluctuations in liquid alloys as seen by nuclear quadrupolar spin relaxation 8-91975
- Weihhs, D. Stability of thin, radially moving liquid sheets 8-71381
- Weihhs, D., Small, R.D. The temperature field in the vicinity of a spherical inclusion 8-94520
- Weihsmann, P.R. Noise management by reverberation control. II 8-75016
- Weijenbergh, P.G.P., van Beelen, H. The Ettingshausen effect in superconducting $Pb_{40}In_{60}$ 8-56272
- Weik, F. *see* Backe, H. 8-50197, 8-62873
- Weik, F. *see* Daly, P.J. 8-93964
- Weikl, A., Prestele, K. Clinical comparison of cardiac output determinations according to the integration method and according to Kubicek 8-92720
- Weil, J.A. *see* Davis, P.H. 8-76308, 8-88186
- Weil, J.A. *see* Skinner, R. 8-65810
- Weil, K.G. *see* Henning, D. 8-72013
- Weil, M.H. *see* Bisera, J. 8-81054
- Weiland, J., Ichikawa, Y.H., Wilhelmsson, H. A perturbation expansion for the nonlinear Schrödinger equation with application to the influence of nonlinear Landau damping 8-62110
- Weiland, J. *see* Fernandez, J.C. 8-57792
- Weiland, J. *see* Reinisch, G. 8-93537
- Weiler, E.J. Copernicus observations of Ly α and Mg II emission from HR 1099 (V711 Tauri) and UX Ari 8-81651
- Weiler, E.J. *see* Anderson, R.C. 8-93358
- Weiler, E.J. *see* White, N.E. 8-81658
- Weiler, K.W., Shaver, P.A. 609 MHz aperture synthesis observations of S104 8-57618
- Weiler, M.H., Aggarwal, R.L., Lax, B. Warping and inversion-asymmetry-induced cyclotron-harmonic transitions in InSb 8-68383
- Weill, A., Pixa, R. Styrene-diene triblock copolymers: orientation conditions and mechanical properties of the oriented materials 8-76729
- Weill, G., Andre, J.J., Bieber, A. Electron spin resonance of highly anisotropic organic systems 8-52358
- Weill, M.E. Thermal diffusion and the minimum entropy production theorem 8-73943
- Weimar, E. Dynamical rearrangements of symmetry, the example $SU(2) \times SU(2) \rightarrow IRO(3)$ 8-49979
- Wein, O. *see* Sobolik, V. 8-59431
- Weinbaum, S. *see* Jiji, L.M. 8-59286
- Weinbeck, R.S., Yarger, D.N. Relationship of atmospheric ozone profiles to solar magnetic activity 8-65373
- Weinberg, A.M. *see* Adler, H.I. 8-80972
- Weinberg, B. *see* Christensen, J.M. 8-77070
- Weinberg, B.C. *see* Ciment, C. 8-89348
- Weinberg, D.S. Transport of liquids in barrier plastics 8-76921
- Weinberg, E.J. *see* Bernard, C.W. 8-54541
- Weinberg, F. *see* Hirschfeld, D.A. 8-85120
- Weinberg, F. *see* Bhaskar, B. 8-52819
- Weinberg, J.L., Sparrow, J.G. Zodiacal light as an indicator of interplanetary dust 8-57500
- Weinberg, M.C., Neilson, G.F. Phase separation behaviour of a metal-organic derived sodium silicate glass 8-56610
- Weinberg, M.C. *see* Neilson, G.F. 8-60497
- Weinberg, W.H. Application of IETS to surface chemistry and heterogeneous catalysis 8-92512
- Weinberg, W.H. *see* Chan, C.-M. 8-60022, 8-60023
- Weinberg, W.H. *see* Chang, H.-C. 8-56944
- Weinberg, W.H. *see* Chi-Ming Chan 8-87852
- Weinberg, W.H. *see* Cunningham, S.L. 8-71961, 8-75508, 8-90258
- Weinberg, W.H. *see* Shek, M.-L. 8-56043
- Weinberg, W.H. *see* Taylor, J.L. 8-71963
- Weinberg, W.H. *see* Thomas, G.E. 8-95956
- Weinberg, W.H. *see* Wang, S.-W. 8-91543, 8-91544
- Weinberg, W.H. *see* Williams, E.D. 8-67904, 8-71948
- Weinberg, W.H. *see* Withrow, S.P. 8-72643
- Weinberg, Z.A. *see* Hartstein, A. 8-60202
- Weinberger, B.R., Käufer, J., Heeger, A.J., Falardeau, E.R., Fischer, J.E. Nuclear magnetic resonance and static magnetic susceptibility of AsF_5 -intercalated graphite 8-88214
- Weindling, F. *see* Adelman, S. 8-57428
- Weiner, D. Amplitude dependent modulus effect in copper 8-64573
- Weiner, E.R., Riter, J.R., Jr. Murnaghan parameter B_0' estimates from a Morse potential for zincblende structure group IVA covalent crystals 8-95014
- Weiner, J. *see* v. Hellfeld, A. 8-58796
- Weiner, J.H. Quantum rate theory for a symmetric double-wall potential 8-55970
- Weiner, J.H. *see* Pear, M.R. 8-83992
- Weiner, P.K. *see* Dewar, M.J.S. 8-82604
- Weiner, R.M. *see* Fowler, G.N. 8-78082
- Weingart, J. Local energy balance of solar thermal electric and photovoltaic power plants 8-81355
- Weingart, J. *see* Grether, D. 8-85680
- Weingart, J. *see* Williams, J. (editor) 8-81352
- Weingart, R., Kass, R.S., Tsien, R.W. Is digitalis inotropy associated with enhanced slow inward calcium current? 8-61155
- Weingarten, D. Asymptotic behaviour of group integrals in the limit of infinite rank 8-62051
- Weingarten, D. *see* Challifour, J.L. 8-58119
- Weingartner, H. *see* Capparelli, A.L. 8-95919
- Weinhausen, G. Theoretical study of the depletion-layer capacitance in abrupt p-n semiconductor junctions 8-52067
- Weinhold, F., Robinson, P.D. Bivariational calculations of bounds on complex-frequency polarisabilities 8-58611
- Weinhold, F. *see* Bruch, L.W. 8-62946
- Weinke, H.H. The Mundrabilla meteorite 8-65576
- Weinman, J. *see* Armon, H. 8-92733
- Weinman, J.A., Davies, R. Thermal microwave radiances from horizontally finite clouds of hydrometeors 8-85638
- Weinreb, A. *see* Lebovitz, Z. 8-79932
- Weinreich, W.A., Britton, W.H., Hutchison, C.R., Johnson, R.G.R., Burke, T.J. Fabrication of high-density, high-integrity thorium-base fuel pellets 8-86669
- Weins, W.N. *see* Carlson, O.N. 8-86611
- Weinstein, A. Simple periodic orbits 8-93523
- Weinstein, A. *see* Henry, R.C. 8-93401
- Weinstein, B.W., Hendricks, C.D., Ward, C.M., Willenborg, D.L. Simple manipulator for rotating spheres 8-73975
- Weinstein, B.W., Willenborg, D.L., Weir, J.T., Hendricks, C.D. 4π interferometric measurements of laser fusion targets 8-50307
- Weinstein, B.W. *see* Singleton, R.M. 8-50308
- Weinstein, B.W. *see* Slivinsky, V.W. 8-59672
- Weinstein, C. Instruments in the care of the critically ill 8-53559
- Weinstein, D. *see* Armon, H. 8-92733
- Weinstein, F.S. Accurate fan-beam reconstruction 8-78931
- Weinstein, H. *see* Edwards, W.D. 8-74786
- Weinstein, H. *see* Porter, R.W. 8-94078
- Weinstein, M. *see* Drell, S.D. 8-74158
- Weinstein, M. *see* Quinn, H.R. 8-54543
- Weinstein, R. Industrial internship option in a Ph.D. program 8-61957
- Weinstein, R. *see* Oliver, W.P. 8-89857
- Weinstock, E.M., Preston, A. A laser fluorescence study of the $IBr\ B'O^+X^1\Sigma^+$ system 8-70867
- Weinstock, H. *see* Colucci, S.L. 8-52177
- Weinstock, J. Analytical approximations in the theory of turbulent diffusion 8-67192
- Weinstock, M.M. *see* Miller, D.C. 8-77042
- Weinzier, P. *see* Blaschko, O. 8-75726
- Weir, J.T. *see* Weinstein, B.W. 8-50307
- Weir, N.A. *see* Lakshmi, A. 8-68446
- Weir, P.J. Metrology in material inspection 8-95899
- Weir, R.D. *see* Mountfield, K.R. 8-83967
- Weis, B. The computation of reflectors 8-55429
- Weis, J.H. *see* Brodsky, S.J. 8-82225
- Weis, J.J. *see* Levesque, D. 8-55798
- Weis, J.-J. *see* Oxtoby, D.W. 8-75523
- Weis, M. *see* Schadel, M. 8-78408
- Weis, M. *see* Watanabe, K. 8-54391
- Weisberg, H., Beier, E., Brody, H., Patton, R., Raychaudhuri, K., Takeda, H., Thern, R., Van Berg, R. s-dependence of proton fragmentation by hadrons. II. Incident laboratory momenta 30-250 GeV/c 8-74291
- Weisberg, H. *see* Beier, E. 8-74290
- Weisbin, C.R., Oblow, E.M., Marable, J.H., Peelle, R.W., Lucius, J.L. Application of sensitivity and uncertainty methodology to fast reactor integral experiment analysis 8-50239
- Weisbuch, C., Ulbrich, R.G. Resonant interactions of LA-phonons with excitonic polaritons in GaAs 8-60481
- Weisbuch, C. *see* Cavenett, B.C. 8-80252
- Weisbuch, C. *see* Hermann, C. 8-80251
- Weisbuch, C. *see* Leduc, M. 8-74901
- Weisbuch, G. *see* Mathiez, P. 8-53319
- Weise, H.-P. A simple filter method for measuring peak voltage and inherent filtration of pulsating potential X-ray machines 8-73201
- Weise, H.-P. *see* Stockhausen, K. 8-65075
- Weise, J. *see* Ding, A. 8-55219
- Weise, W. *see* Futami, Y. 8-74323
- Weise, W. *see* Oset, E. 8-78418
- Weiser, G. *see* Althaus, H.L. 8-63979
- Weiser, H., Moos, H.W. A rocket observation of the far-ultraviolet spectrum of Saturn 8-53867
- Weisfeldt, M.L. *see* Hollis, D.P. 8-69018
- Weisfield, R. *see* Vandenbosch, R. 8-66316
- Weisgerber, F.E., Anand, S.C. Interpolative versus iterative solution schemes for Tresca yield condition in elastic-plastic finite element analysis 8-59312
- Weisgerber, F.E. *see* Anand, S.C. 8-83263
- Weisheit, J.C., Upham, R.J., Jr. Electron transfer in ion-dust grain collisions 8-77591
- Weismann, H. *see* Ghosh, A.K. 8-52122
- Weiss, A. *see* Evers, J. 8-91322
- Weiss, A. *see* Irlon, M. 8-91983
- Weiss, A. *see* Krompholz, K. 8-72774
- Weiss, A. *see* Maurer, H.M. 8-88203
- Weiss, A. *see* Rager, H. 8-80234
- Weiss, A. *see* Weiden, N. 8-91993
- Weiss, B.Z. *see* Stupel, M.M. 8-52800
- Weiss, C.O., Danielewicz, E.J., Godone, A. New CW far infrared laser lines from $^{15}NH_3$, CD_3OH and CH_3OH optically pumped by regular and sequence CO_2 -laser lines 8-90415
- Weiss, C.O. *see* Danielewicz, E.J. 8-71082
- Weiss, C.O. *see* Godone, A. 8-55392
- Weiss, C.O. *see* Grinda, M. 8-79005
- Weiss, G. *see* Fass, R. 8-86717
- Weiss, G. *see* Gentry, J. 8-81341
- Weiss, G.H. *see* Brenner, S.L. 8-54318
- Weiss, G.H. *see* Dishon, M. 8-77694
- Weiss, H. Materials behaviour in low gravity environment 8-52648
- Weiss, H. Preparatory experiments for Spacelab mission 8-88414
- Weiss, H., Russell, C.T., Lichtenstein, B.R., Coleman, P.J., Jr. Solar wind interaction with the Moon: enhanced magnetic field fluctuations at low altitudes 8-89030
- Weiss, H. *see* Harding, G. 8-69181
- Weiss, H.-J. Fatigue of continuous fibre composites 8-68767
- Weiss, H.-J. Critical comments on the work 'Increasing the engineering strength of materials' by M. Hiekie (ZAMM 55, 197-200 (1975)) 8-94592
- Weiss, H.P., Stein, J.A. The effect of interpolation in CT image reconstruction 8-77110
- Weiss, H.V., Herron, M.M., Langway, C.C., Jr. Natural enrichment of elements in snow 8-77303
- Weiss, I.P. *see* Ohlrich, E.S. 8-77061
- Weiss, J. Potassium dicyano[dithionitro(S)amido]nickelate(II) 8-63715
- Weiss, J. *see* Clocchiatti, R. 8-95688
- Weiss, J. *see* Mayer, K.F. 8-63716
- Weiss, J.A. *see* Gelatt, C.D., Jr. 8-51923
- Weiss, J.F. *see* Bradley, W.P. 8-65081
- Weiss, J.L. *see* Garrison, J.B. 8-80937
- Weiss, J.P. Notes on determining modulation transfer data for X-ray film-screen combinations 8-66016
- Weiss, K. *see* Giese, R.H. 8-57499
- Weiss, K. *see* Polder, D. 8-65888
- Weiss, K. *see* Zerull, R.H. 8-58918

- Weiss, M., Kwiatkowski, B. Engineering in medical rehabilitation of patients with paresis of extremities 8-53579
- Weiss, M. *see* Koonin, S. 8-74320
- Weiss, M.S. Heavy ion scattering in 3D TDHF 8-54781
- Weiss, M.S. *see* Flocard, H. 8-66317, 8-82386
- Weiss, M.S. *see* Seaborn, J.B. 8-74389
- Weiss, N. *see* Barnett, R.M. 8-66105
- Weiss, N. *see* Sikivie, P. 8-62302
- Weiss, N.O. Small-scale magnetic fields and convection in the solar photosphere 8-53906
- Weiss, N.O. Numerical methods in convection theory 8-89058
- Weiss, N.O. Magnetic fields and convection 8-89185
- Weiss, N.O. *see* Galloway, D.J. 8-71399
- Weiss, P. *see* Ahrenkiel, R.K. 8-64348
- Weiss, P.B. *see* Kohler, D.R. 8-49907
- Weiss, R., Grimes, R.N. Sources of line width in boron-11 nuclear magnetic resonance spectra. Scalar relaxation and boron-boron coupling in B_4H_{10} and B_2H_6 8-62826
- Weiss, R. *see* Schmidt, W. 8-59771
- Weiss, R.J. The kinetic energy in Compton profiles 8-72628
- Weiss, R.J. The electron distribution in vanadium 8-75979
- Weiss, R.J. Thermodynamic data from X-ray and neutron scattering 8-83974
- Weiss, U. Operator ordering schemes and covariant path integrals of quantum and stochastic processes in curved space 8-81812
- Weiss, V. *see* Lal, D.N. 8-52984
- Weiss, W. Fatigue behaviour of epoxy resin at low temperatures 8-76748
- Weiss, W. *see* Dreves, W. 8-89904
- Weiss, W. *see* Hahne, A. 8-73405
- Weiss, W.W. *see* Maitzen, H.M. 8-85950
- Weiss, W.W. *see* Muthsam, H. 8-85951
- Weiss Alarich *see* Alarich Weiss
- Weiss-Parmeggiani, L. *see* Giovannini, B. 8-72309
- Weissbach, G. A new method for the determination of the roughness of rock joints in the laboratory 8-96315
- Weissbuch, H., Botezatu, E., Gradinaru, M. Spectrophotometric method for simultaneous determination of uranium and thorium in water 8-70952
- Weisse, J. *see* Bardet, R. 8-70634
- Weisser, D.C. *see* Zeller, A.F. 8-66299, 8-93935
- Weisskopf, M.C., Sutherland, P.G., Katz, J.I., Canizares, C.R. Short-term variability of Cygnus X-1. III 8-93466
- Weisskopf, M.C. *see* Kestenbaum, H.L. 8-57607
- Weisskopf, M.C. *see* Silver, E.H. 8-57454
- Weissler, G.A. The electrical resistance of metal powder compacts 8-64028
- Weissman, D.L. *see* Ling, D.T. 8-71956
- Weissman, M.B. Reconciliation between thermodynamics and noise measurements on metal film resistors 8-72217
- Weissman, M.B., Ware, B.R. Applications of fluctuation transport theory 8-70057
- Weissman, M.H. *see* Tin-Kan Hung 8-69253
- Weissmann, G. *see* Chew, G.F. 8-62322
- Weissmann, R. *see* Hertlein, R. 8-92151
- Weissmantel, C. *see* Reinhardt, P. 8-80071
- Weissmantel, Chr. *see* Gautherin, G. 8-72728
- Weistrop, D., Mould, J., Liebert, J. A halo giant star in the north galactic cap 8-85942
- Weisz, P. *see* Berg, B. 8-70261
- Weisz, P. *see* Karowski, M. 8-82211
- Weisz, W. *see* Faude, D. (editor) 8-78430
- Weizmann, E. *see* Cohen, L.G. 8-71204
- Weitkamp, C. *see* Bohm, H.-D.V. 8-78822
- Weitkamp, C. *see* Harms, J. 8-57329
- Weitsch, G.A. *see* Cutts, D. 8-89746
- Weitsman, Y. Effects of fluctuating moisture and temperature on the mechanical response of resin-plates 8-55620
- Weitz, D.A., Skopcol, W.J., Tinkham, M. Capacitive-mesh output couplers for optically pumped far-infrared lasers 8-74916
- Weitzel, C.E., Smith, R.T. Silicon-on-sapphire crystalline perfection and MOS transistor mobility 8-75956
- Weitzenecker, E. *see* Jentsch, U. 8-61218
- Weitzmann, R.H. *see* Anderson, K.A. 8-85787
- Welbourn, C.M. EPR studies of a two-nitrogen-atom centre in natural, plastically-deformed diamond 8-72408
- Welbourn, C.M. *see* Lomer, J.N. 8-76310
- Welch, A.J. *see* Priebe, L.A. 8-80916
- Welch, C.S. *see* Munday, J.C., Jr. 8-65438
- Welch, D. *see* Dick, R. 8-65502
- Welch, D.O., Dienes, G.J. A molecular dynamical study of the equation of state of solids at high temperature and pressure 8-75800
- Welch, D.O., Lazareth, O.W., Dienes, G.J., Hatcher, R.D. Clusters of alkali halide molecules 8-55269
- Welch, D.O. *see* Bussiere, J.F. 8-64159
- Welch, D.O. *see* Dew-Hughes, D. 8-52132
- Welch, M.J. *see* Raichle, M.E. 8-69183
- Welch, R.M., Paegle, J., Zdunkowski, W.G. Two-dimensional numerical simulation of the effects of air pollution upon the urban-rural complex 8-81369
- Welch, T.D., Cronenberg, A.W. A quantitative comparison of solidification analysis for single-component and mixed-oxide fuels 8-74435
- Weldon, H.A. *see* Bais, F.A. 8-82103
- Weldon, H.A. *see* Klein, A. 8-54540
- Weldon, H.A. *see* Segre, G. 8-89647
- Weldon, S.C. *see* Ainscough, J.B. 8-52743
- Weldon, W.F. *see* Bird, W.L. 8-55016
- Weldon, W.F. *see* Brennan, M. 8-54964
- Weldon, W.F. *see* Driga, M.D. 8-54953, 8-55730
- Weldon, W.F. *see* Gully, J.H. 8-54952
- Weldon, W.F. *see* Mayhall, D.J. 8-54951
- Welford, W.T., Winston, R. On the problem of ideal flux concentrators 8-66885
- Welford, W.T. *see* Barnett, M.E. 8-90384
- Welford, W.T. *see* Winston, R. 8-63167
- Welge, K.H. *see* Filseth, S.V. 8-90199
- Weliachew, L. Aperture synthesis observations of the neutral hydrogen in the galaxies NGC 4631/NGC 4656 8-54043
- Weliachew, L. *see* Balkowski, C. 8-96531
- Weliachew, L. *see* Combes, F. 8-65689
- Welling, F. Soft phonons in La: An f-band induced instability 8-83907
- Welling, F. A two-band Hubbard-model description of an almost mixed valence system: A new ground state for La 8-84171
- Welleghausen, B. *see* Welling, H. 8-87046
- Wellek, R.M., Brunson, R.J., Law, F.H. Enhancement factors for gas-absorption with second-order irreversible chemical reaction 8-80727
- Wellems, T.E. *see* Ohtsuki, M. 8-76989
- Wellenstein, H.F. *see* Barlas, A.D. 8-90299
- Wellenstein, H.F. *see* Rueckner, W.H.E. 8-93786
- Weller, A. *see* Schomburg, H. 8-76879
- Weller, A. *see* Werner, H.-J. 8-56888
- Weller, H.R., Blue, R.A., von Behren, P.L., Robertson, N.R., Gould, C.R., Tilley, D.R., Wender, S.A. Angular distribution measurements for radiative capture of fast neutrons by ^{40}Ca 8-66279
- Weller, H.R., Roberson, N.R., Cotanch, S.R. Polarized proton capture in the giant dipole resonance region 8-82346
- Weller, H.R. *see* Turner, J.D. 8-70533
- Weller, J. *see* Ratcliffe, R.A.S. 8-73479
- Weller, R.A., Tombrello, T.A. Energy spectrum of sputtered uranium—A new technique 8-68593
- Weller, T., Singer, J. Experimental studies on the buckling under axial compression of integrally stringer-stiffened circular cylindrical shells 8-63346
- Welles, C.G. *see* Hewitt, J.E. 8-53538
- Wellford, L.C., Jr., Hamdan, S.M. An analysis of an implicit finite element algorithm for geometrically nonlinear problems of structural dynamics. I. Stability 8-86157
- Wellford, L.C., Jr., Hamdan, S.M. An analysis of an implicit finite element algorithm for geometrically nonlinear problems of structural dynamics. II. Accuracy 8-86158
- Wellgate, G.B. *see* Manchester, R.N. 8-77569
- Wellgate, G.B. *see* Smith, F.G. 8-93292
- Welling, H., Litfin, G., Beigang, R. Tunable infrared lasers using color centers 8-90420
- Welling, H., Welleghausen, B. Optically pumped continuous alkali dimer lasers 8-87046
- Wellman, R.J. Laser system for the remote sensing of flaws in solids 8-60975
- Wellner, U. *see* von Mengden, H.-J. 8-85448
- Wells, D.C. *see* Frieden, B.R. 8-66769
- Wells, D.E., Johnstone, S.J. The occurrence of organochlorine residues in rainwater 8-73495
- Wells, D.R., Davidson, J., Phadke, L.G., Hirschberg, J.G., Ziajka, P.E., Tunstall, J. High-temperature, high-density plasma production by vortex-ring compression 8-71504
- Wells, D.R. *see* Davidson, J. 8-67407
- Wells, F.D. *see* Jolly, E.L. 8-58493
- Wells, G.F. The double transmitting Faraday cup: an ion optical control device 8-82556
- Wells, J. *see* Gavillet, Ph. 8-89736
- Wells, J. *see* Jongejans, B. 8-78177
- Wells, J. *see* Kluyver, J.C. 8-82233
- Wells, J.S. *see* Evenson, K.M. 8-81952
- Wells, J.W., Ching-Lung Ko. Radiation damage mechanisms in single crystals of creatine monohydrate 8-96016
- Wells, M.G.H. *see* Narasimhan, K.S.V.L. 8-68178
- Wells, M.R. *see* Bleaney, B. 8-72422, 8-80226
- Wells, N., Whittton, J.S. A petrochemical survey. III. Boron 8-85559
- Wells, N. *see* Smidt, R.E. 8-85557
- Wells, N.T. *see* Devey, G.B. 8-92682
- Wells, P.N.T. Inside information from ultrasound 8-77145
- Wells, W.C., Borst, W.L., Zipf, E.C. Translational spectroscopy of metastable fragments produced by dissociative excitation of atmospheric gases by electron impact. II. Carbon monoxide 8-66672
- Wells, W.H. Crosstalk in a bidirectional optical fiber 8-66901
- Wells, W.H. *see* Hodara, H. 8-69535
- Wells, W.M. Lithium as a blanket coolant 8-66423
- Welpmann, K. Influence of TMT on fracture properties of aluminum alloys 8-60793
- Welsch, D.-G. *see* Herrmann, J. 8-58664
- Welsch, D.-G. *see* Muhle, S. 8-50595
- Welsch, U. *see* Buchheim, W. 8-53594
- Welsh, H.L. *see* Hollinger, A.B. 8-70838
- Welsh, H.L. *see* Looi, E.C. 8-78703
- Welsh, L.B. *see* Barr, T.L. 8-72028
- Welsh, L.W. *see* Capehart, B.L. 8-73406
- Weltner, W., Jr. *see* DeVore, T.C. 8-66565
- Weltner, W., Jr. *see* Van Zee, R.J. 8-86890, 8-94264
- Welton-Cook, M.R., Prutton, M. A simple shell model calculation of the differential ionic relaxation of the MgO (100) surface 8-63917
- Welzenis, R.G. *see* van Welzenis, R.G.
- Wemmer, D.E. *see* Pines, A. 8-76353
- Wemple, S.H. *see* Van Uitert, L.G. 8-74955
- Wen Chi-chung *see* Liu Tung-sheng 8-81156
- Wen-Hsien Wu *see* Azar, I. 8-77132
- Wen-Jei Yang. Mechanics of droplet evaporation on heated surfaces 8-87785
- Wen-kuang Huang, J. Holography as a liberal arts physical course 8-73798
- Wen-Kui Wang *see* Wang Wen-Kui
- Wen-miao Song *see* Song Wen-miao
- Wen-sai Dai *see* Dai Wen-sai
- Wen-Shi Yu, Powell, J., Fillo, J. Redundant coolant capability for fusion reactor blankets 8-58454
- Wen-Shu Han *see* Han Wen-Shu
- Wen-Xiang Li *see* Li Wen-Xiang
- Wen-Yaung Lee, Lee, M.H., Eldridge, J.M. Alloy compositional profiles by AES, ESCA, and ion sputtering: Air-exposed $\text{Fe}_{1-x}\text{Pd}_x$ films 8-95245
- Wencek, H., Moron, J.W. Magnetic permeability disaccommodation in Fe-Al (about 25 at. %) alloy containing carbon in solid solution 8-88141
- Wenda, J. *see* Stobiecki, T. 8-76169
- Wendal, H. *see* Pintschovius, L. 8-79698
- Wende, B. *see* Nubbemeyer, H. 8-66514
- Wendel, H., Martin, R.M. Relation and electronic and structural properties of covalent solids 8-59874
- Wender, S.A., Gould, C.R., Tilley, D.R., Rickel, D.G., Zurmuhle, R.W. Confirmation of 8^+ assignment to the 11.86 MeV level in ^{24}Mg 8-70445
- Wender, S.A. *see* Martin, D.J. 8-78313
- Wender, S.A. *see* Weller, H.R. 8-66279
- Wenderoth, P. *see* Wade, N.J. 8-69098
- Wendin, G. On a many-electron description of photoionization processes: application to the 5s, 5p ESCA spectrum in Xe 8-50516
- Wendin, G. *see* Ohno, M. 8-50513, 8-50517
- Wendker, H.J. *see* Dinkel, H.R. 8-61929
- Wendl, W. *see* Eigermann, W. 8-95687
- Wendland, K.-H. *see* Pasold, G. 8-78954
- Wendling, E. *see* Mahmoudi, S. 8-66535
- Wendling, P. *see* Carlson, T.N. 8-65390
- Wendling, R.D. *see* Auld, E.G. 8-90111
- Wendoloski, J.J. *see* Wiberg, K.B. 8-74630
- Wendrock, G. *see* Ciach, R. 8-92265
- Wendt, H.R. *see* Hippler, H. 8-73030
- Wene, C.O. *see* Klapdor, H.V. 8-89826
- Wene, G.P. An example of a flexible, Jordan-admissible algebra of current use in physics 8-93792
- Wener, H.G. *see* Chimenti, D.E. 8-89486
- Weneser, J. *see* Bahcall, J.N. 8-58563
- Weng, C.H., Chow, W.L. Axisymmetric supersonic turbulent base pressures 8-94764
- Weng, F. *see* Morike, M. 8-78387
- Weng, G.J., Phillips, A. The stress fields of continuous distribution of dislocations and of their movement in a polycrystalline aggregate 8-75709
- Weng Pao-Shan *see* Pao-Shan Weng
- Weng Shang-Lin *see* Shang-Lin Weng
- Wenger, L.E. A calorimetric investigation of an yttrium dysprosium spin glass 8-68270
- Wenk, H.-R. *see* Muller, W.F. 8-79567
- Wenner, D.B. *see* Soderblom, L.A. 8-65539
- Wennerstrom, H., Persson, N.O., Lindblom, G., Lindman, B. Chemical shift anisotropies of $^{133}\text{Cs}^+$ counterions in lyotropic liquid crystals 8-79525
- Wennerstrom, H. *see* Engstrom, S. 8-90191
- Wennerstrom, H. *see* Jonsson, B. 8-76846
- Weniger, H. *see* Borreani, G. 8-82232
- Wenning, U. *see* Pettinger, B. 8-72492
- Wenninger, H. *see* Baland, J.F. 8-93911
- Wentworth, R.A. *see* Lengemann, F.W. 8-80978
- Wentz, F. *see* Hasselmann, K. 8-81418
- Wentz, F. *see* Stewart, R.H. 8-77337

- Wentz, K.R., Wolfe, H.F. Development of random fatigue data for adhesively bonded and welded structures subjected to dynamic excitation 8-92351
- Wentzel, D.G. *see* Newkirk, G., Jr. 8-77443
- Wentzel, D.G. *see* Scott, J.S. 8-53775
- Wentzell, R.A., Lastman, G.J. Threshold conditions for the onset of cavitation 8-59433
- Wentzell, R.A. *see* Lastman, G.J. 8-79347
- Wenzel, K.P. *see* Balogh, A. 8-85791
- Wenzel, K.-P. *see* Domingo, V. 8-61671
- Wenzel, K.-P. *see* Formisano, V. 8-61672
- Wenzel, K.-P. *see* Perron, C. 8-77444
- Wenzel, U., Buch, R., Herz, D. Decomposition of chromatographic support materials by ionising radiation 8-92587
- Wenzel, W.A. *see* Alper, B. 8-70414
- Wenzl, H., Fattah, A., Gustin, D., Mihelcic, M., Uelhoff, W. Measurements of the contact angle between melt and crystal during Czochralski growth of gallium and germanium 8-64461
- Wenzl, H. *see* Klatt, K.-H. 8-53184
- Weppner, W.G. Balloon Altitude Mosaic Measurements (BAMM) Program 8-81455
- Werbelow, L.G., Grant, D.M. Anomalous relaxation in the A_3 degenerate spin system 8-80238
- Werber, M.M., Baumberg, E.R., Cohen, S.G., Ofer, S. Ferredoxin from Halobacterium of the Dead Sea—Mossbauer and EPR spectra and comparison with Mossbauer spectrum of whole cells 8-76998
- Werber, T., Zurek, Z. Solid state phenomena accompanying sulphurisation of Cu-Al alloys 8-64781
- Werestschak, W.M. *see* Lawrenko, W.A. 8-51825
- Wereszczynski, Z. *see* Denus, S. 8-83614, 8-83615
- Werf, S.Y. Vander *see* Vander Werf, S.Y.
- Werf, S.Y. Van Der *see* Van Der Werf, S.Y.
- Werkhoven, C. Disclosure of dislocation loops and dislocation dipoles in GaP by chemical etching 8-55873
- Werkoff, F. *see* Adam, J. 8-71473
- Werle, H. *see* Bachmann, H. 8-62604
- Werle, H. *see* Jiang, S.H. 8-50240
- Werle, J. Non-linear spinor equations with localized solutions 8-49964
- Werle, M.J. *see* Srivastava, B.N. 8-51186
- Werlich, H.W. *see* Pole, R.V. 8-63178
- Werneck, V.P. *see* Guimaraes, J.R.C. 8-72821
- Werner, A. *see* Janossy, L. 8-65793
- Werner, A. *see* Martens, G. 8-52593, 8-80435
- Werner, C. Results of the ASSESS II Spacelab simulation mission 8-69649
- Werner, C., Bachstein, F., Dietz, S., Herrmann, H., Kopp, F., Löffler, H. Airborne lidar aerosol measurements during the ASSESS II mission 8-73489
- Werner, Ch. *see* Wegmann, H.M. 8-85813
- Werner, D. Geothermics and lithosphere in the region of Southwest Germany and Switzerland 8-53633
- Werner, E. *see* Theis, W. 8-82331
- Werner, F. *see* Broser, E. 8-50352
- Werner, H.-J., Staerk, H., Weller, A. Solvent, isotope, and magnetic field effects in the geminate recombination of radical ion pairs 8-56888
- Werner, H.-J. *see* Schomburg, H. 8-76879
- Werner, H.W. *see* Morgan, A.E. 8-68588
- Werner, K., Schmatz, W., Bauer, G.S., Seitz, E., Fenzl, H.J., Barattoff, A. Long-range solute-host interactions in dilute Al-Mg alloys 8-95062
- Werner, M.W., Becklin, E.E., Gatley, I., Ellis, M.J., Hyland, A.R., Robinson, G., Thomas, J.A. Far-infrared observations of Large Magellanic Cloud H II regions 8-81671
- Werner, R.W. The cassette blanket and vacuum building: key elements in fusion reactor maintenance 8-66386
- Werner, T. *see* Dudek, J. 8-93951
- Werner, T.C. *see* Carr, S. 8-74042
- Werner, W. Error approximations for a penalty process related to the solution of quasi-linear variation expressions using finite-element methods 8-86127
- Werner, Z. *see* Kozanecki, A. 8-92131
- Werneth, D. Mechanical and magnetic relaxation of pure and doped nickel after plastic deformation and electron irradiation 8-52879
- Wernhard, K.L. *see* Bosetti, P.C. 8-70357
- Wernhard, K.-L. *see* Grassler, H. 8-62466
- Wernhardt, R. *see* Florian, R. 8-75810
- Wernick, J.H. *see* Bushchow, K.H.J. 8-60652
- Wernick, J.H. *see* Chin, G.Y. 8-76199
- Wernick, J.H. *see* Motoya, K. 8-56403
- Wernick, J.H. *see* Wertheim, G.K. 8-91746
- Wernicke, R. The influence of kinetic processes on the electrical conductivity of donor-doped $BaTiO_3$ ceramics 8-64042
- Wernicke, R., Eyring, G., Schmidtke, H.H. Vibrational assignment of sharp line luminescence bands from a higher excited state of $OsCl_2^{2+}$ doped in K_2PtCl_6 8-95600
- Wernstedt, J. *see* Hoffmeyer-Zlotnik, H.-J. 8-96246
- Wernitz, C. Branching ratio for radiative pion capture with respect to absorption of stopped negative pions 8-89914
- Werren, D.W. *see* Besset, D. 8-62422
- Wert, C.A. *see* McHargue, C.J. 8-88413
- Werth, D. *see* Meyrick, G. 8-73988
- Werth, G. *see* McGuire, M.D. 8-78828
- Wertheim, G.K., Buchanan, D.N.E. Conduction band of TiO_{1+x} 8-60055
- Wertheim, G.K., Campagna, M. Screening of 3d holes in the rare earths 8-76586
- Wertheim, G.K., Wernick, J.H., Crecelius, G. Surface effects on valence in rare-earth intermetallic compounds 8-91746
- Wertheim, G.K. *see* Tompkins, H.G. 8-60870
- Wertheimer, M.R. *see* Bacquet, G. 8-60393
- Wertheimer, M.R. *see* Schreiber, H.P. 8-64762
- Wertz, D.L. *see* Griffin, A.C. 8-51411
- Wescott, E.M., Stenback-Nielsen, H.C., Davis, T.N., Jeffries, R.A., Roach, W.H. The Tordo 1 polar cusp barium plasma injection experiment 8-77402
- Wesely, M.L., Hicks, B.B. High-frequency temperature and humidity correlation above a warm wet surface 8-85646
- Wesely, M.L. *see* Hicks, B.B. 8-61458
- Wesemael, F. Hot white dwarfs as soft X-ray sources 8-57553
- Wesenberg, D.L., Sagartz, M.J. Dynamic fracture of 6061-T6 aluminum cylinders 8-64651
- Wesser, G., Hensel, F., Warren, W.W., Jr. The optical absorption spectrum of fluid sulfur up to supercritical conditions 8-88320
- Wesfreid, J., Pomeau, Y., Dubois, M., Normand, C., Berge, P. Critical effects in Rayleigh-Bénard convection 8-71328
- Wesick, J. *see* Smith, H.A., Jr. 8-49596
- Wesler, J. Aircraft noise and structural vibration 8-87187
- Wesley, J.C. *see* Toffolo, W.E. 8-54930
- Wesner, D. *see* Derry, G. 8-63935
- Wesner, D. *see* Frankl, D.R. 8-72667
- Wesner, F. *see* Broser, E. 8-50352
- Wesolowska, G. *see* Truszkowska, K. 8-72617
- Wessel, J. *see* Gelbwachs, J.A. 8-81465
- Wessel, J.E. *see* Gelbwachs, J.A. 8-85282
- Wessel, R., Schwarz, D. The use of the small computer system KRS 4200 for spectra collection and analysis in ESR spectroscopy. III. Time averaging line positions—intensity—splitting constants, smoothing with a cut-off frequency at choice 8-57998
- Wessel, W. Four-velocities in quantum mechanics and the K-space 8-49720
- Wesseling, P. *see* van Steeg, J.G. 8-79292
- Wesseling, T.J.H. *see* The, P.S. 8-77557
- Wesselius, P.R. *see* Savage, B.D. 8-93250
- Wesselius, P.R. *see* van Dijk, W. 8-61869
- Wesson, P. Does the gravitational constant vary with time? 8-69674
- Wesson, P.S. General-relativistic hierarchical cosmology: an exact model 8-69917
- Wesson, P.S. Dust and the formation of planets with iron cores in the early solar system 8-85869
- Wesson, P.S. A new look at the cosmological principle 8-86042
- Wesson, P.S. The configuration of a thin, rotating self-similar disk in general relativity 8-96387
- Wesson, P.S. *see* Henriksen, R.N. 8-54098, 8-54099
- West, A.R. Phase equilibria in the system Li_2O -CaO-SiO₂ 8-64528
- West, A.R. *see* Quintana, P. 8-80522
- West, B.J. Lattice representation of scattering in polycrystalline materials 8-65774
- West, B.J. Diffusion of action in some nonlinear wave fields 8-81854
- West, B.J., Lindenberg, K., Shuler, K.E. Studies in nonlinear stochastic processes. IV. A comparison of statistical linearization, diagrammatic expansion and projection operator methods 8-54306
- West, D. *see* Heap, S.R. 8-96474
- West, D.K. *see* Boggess, A. 8-96382, 8-96383
- West, E.A. Extending the field of view of KD^*P electrooptic modulators 8-94429
- West, E.J. *see* Burns, W.K. 8-74976
- West, G. About the distribution of ions near a phase-boundary 8-56901
- West, G. Is $d^2S/dt^2 \leq 0$ for simple reactions? 8-85126
- West, G.A., Berry, M.J. ICN photodissociation and predissociation: $CN^*(A^2\Pi)$ fluorescence excitation spectrum and $CN^-(X^2\Sigma^+)$ chemical laser emission 8-76892
- West, G.A., Weston, R.E., Jr., Flynn, G.W. The influence of reactant vibrational excitation on the $O(^3P)+O_3$ bimolecular reaction rate 8-76837
- West, H.I., Jr., Buck, R.M., Kivelson, M.G. On the configuration of the magnetotail near midnight during quiet and weakly disturbed periods: state of the magnetosphere 8-96353
- West, H.I., Jr., Buck, R.M., Kivelson, M.G. On the configuration of the magnetotail near midnight during quiet and weakly disturbed periods: magnetic field modeling 8-96354
- West, H.I., Jr. *see* Pytte, T. 8-88990, 8-96352
- West, J.B. *see* Codling, K. 8-58613
- West, J.C., Cooper, S.L. Infrared studies of block copolymers 8-91268
- West, J.C. *see* Lilaonitkul, A. 8-51438
- West, J.M. *see* Towers, R.T. 8-64785
- West, K.W. *see* Cohen, R.L. 8-78363
- West, L.C., Cole, T., Vaughan, R.W. High-field ^{23}Na magnetic resonance studies in beta-alumina $[Na_2O.11Al_2O_3]$ 8-64284
- West, M., Parkin, P.H. Effect of furniture and boundary conditions on the sound attenuation in a landscaped office. II. Screens 8-94486
- West, P.C. A geometric gravity Lagrangian 8-70039
- West, P.C. *see* Stelle, K.S. 8-49742, 8-86214, 8-93837
- West, P.J. *see* Gerhardt, H. 8-74602
- West, R.M., Danks, A.C., Alcaino, G. A new southern Seyfert 1 galaxy 8-54044
- West, R.M. *see* Bergwall, N.A.S. 8-77497
- West, S.H. *see* Van, T.K. 8-61220
- West, W.P., Broida, H.P. Optically pumped vapor phase Bi laser 8-71081
- West, W.P., Gallagher, A. Pressure dependence of Na resonance line broadening by Kr and Xe 8-66596
- West, W.P., Shuker, P., Gallagher, A. The effects of multiperturber interactions on the sodium-rare gas excimer bands 8-66497
- Westbrook, R.D. *see* Richardson, W.F. 8-56184
- Westcott, C. Clark s'Ve Clark Westcott, C. Westende, A.P.M. Van 't see Van 't Westende, A.P.M.
- Westendorp, K. *see* Webers, J. 8-86366, 8-89572, 8-93774
- Westengen, H., Ryum, N. Precipitation on stationary and non-stationary grain boundaries in an Al-3.5 wt.% Cu alloy 8-84820
- Westenholz, C. Von *see* Von Westenholz, C.
- Westerberg, L., Sarantites, D.G., Geoffroy, K., Dayras, R.A., Beene, J.R., Halbert, M.L., Hensley, D.C., Barker, J.H. Multipolarities of the yrast and statistical cascades in the reactions $^{150}Nd(^{20}Ne, n\gamma)$ 8-70484
- Westerberg, L. *see* Sarantites, D.G. 8-50208
- Westerdorf, M. *see* Bauer, G.P. 8-71557
- Westerfeldt, C.R., Mitchell, G.E., Bilpuch, E.G., Outlaw, D.A. High resolution study of the $^{26}Mg(p,p)$ reaction 8-78377
- Westerfield, M. *see* Joyner, R.W. 8-53376
- Westerlund, B.E., Olander, N. S stars in the Southern Milky Way 8-61754
- Westerlund, B.E. *see* Bergwall, N.A.S. 8-77497
- Westerlund, B.E. *see* Breysacher, J. 8-73716
- Westermann, E.L. *see* Meieran, H.B. 8-86623
- Westermann, F.E. *see* Focke, A.E. 8-64720
- Western, A.B., Baker, A.G., Bacon, C.R., Schmidt, V.H. Pressure-induced tricritical point in the ferroelectric phase transition of KH_2PO_4 8-80301
- Westfall, G.D., Sextro, R.G., Poskanzer, A.M., Zebelman, A.M., Butler, G.W., Hyde, E.K. Energy spectra of nuclear fragments produced by high energy protons 8-70529
- Westgaard, L. *see* Ganzorig, D. 8-86557
- Westgaard, L. *see* Ganzorig, Dz. 8-89827
- Westhead, E.W. *see* Siegel, D.P. 8-53357
- Westheimer, G., McKee, S.P. Stereoscopic acuity for moving retinal images 8-69084
- Westhof, E. *see* Flossmann, W. 8-64940
- Westhuizen, P. van der *see* van der Westhuizen, P.
- Westlake, D.G. *see* Metzger, H. 8-71712
- Westlake, D.G. *see* Shenoy, G.K. 8-80262
- Westland, A.D., Makhija, R. Enthalpies of formation of crystalline selenium(IV) chloride and bromide 8-80777
- Westlund, R. *see* Broberg, H. 8-67053
- Westlund, R.C. Higher precision in oscilloscope measurements of very short time intervals 8-81948
- Westman, S. *see* Arnberg, L. 8-55834
- Westmeier, W. *see* Watzig, W. 8-74552
- Weston, G.F. Pumps for ultra-high vacuum 8-89488
- Weston, G.M. *see* Andrew, R.C. 8-52860, 8-52970
- Weston, J.E., Pratt, P.L. Crystallization of grain boundary phases in hot-pressed silicon nitride materials. II. Mechanical properties of materials 8-95716
- Weston, J.E., Pratt, P.L., Steele, B.C.H. Crystallization of grain boundary phases in hot-pressed silicon nitride materials. I. Preparation and characterization of materials 8-95715
- Weston, R.E., Jr. *see* Kleinman, L.I. 8-82766
- Weston, R.E., Jr. *see* West, G.A. 8-76837
- Weston, R.P. *see* Krausche, D. 8-94779
- Weston, W.F., Baker, T.C., Smith, C.J., Chavez, A.L., Grotzky, V.K., Capes, J.F. Physical vapor deposition of chromium and iron 8-52675
- Westphal, G.H., Rosenberger, F. On diffusive-adhesive interfacial mass transfer 8-67669

- Westrom, M.** Viscosity of nuclear matter 8-62499
- Westrum, E.F., Jr.** Clay, G.A. Hypostoichiometric titanium diboride ($\text{TiB}_{1.964}$) and hyperstoichiometric tantalum diboride ($\text{TaB}_{2.11}$): the heat capacity and thermodynamic properties from 5 to 350K 8-91446
- Westrum, E.F., Jr.** see Blachnik, R. 8-91450
- Westrum, E.F., Jr.** see Gronvold, F. 8-76253
- Westwanski, B.** Dipolar and quadrupolar susceptibility for Heisenberg-biquadratic and Blume-Emery-Griffiths interactions. I 8-76257
- Westwanski, B.** Skrobis, K. Dipolar and quadrupolar susceptibility for Heisenberg-biquadratic and Blume-Emery-Griffiths interactions. II 8-76258
- Westwanski, B.** see Aksamit, J. 8-84404
- Westwater, E.R.** The accuracy of water vapor and cloud liquid determination by dual-frequency ground-based microwave radiometry 8-93007
- Westwood, A.R.C.** see Ahearn, J.S. 8-52078
- Westwood, A.R.C.** see Latanision, R.M. 8-68787
- Westwood, H.J.** High temperature fatigue of 304 stainless steel under isothermal and thermal cycling conditions 8-60836
- Westwood, N.P.C.** see Colbourne, D. 8-66600, 8-86911
- Westwood, N.P.C.** see Kirby, C. 8-90214
- Westwood, N.P.C.** see Noodleman, L. 8-94281
- Westwood, W.D.** Calculation of deposition rates in diode sputtering systems 8-52670
- Westwood, W.D.** see Wei, J.S. 8-74049
- Wetherill, C.** see Sullivan, W.T. III 8-57474
- Wetjen, G.** see Berger, Ch. 8-62414, 8-89725
- Wetmore, R.W.** Schaefer, H.F. III Triplet electronic states of acetylene: cis and trans structures and energetics 8-94184
- Wetmore, R.W.** see Segal, G.A. 8-58593
- Wetsel, G.C., Jr.** Calculation of the energy-band structure of the Kronig-Penney model using the nearly-free and tightly-bound-electron approximations 8-73792
- Wetsel, G.C., Jr.** see McDonald, F.A. 8-63232
- Wette, F.W.** de see De Wette, F.W.
- Wette, F.W.** De see De Wette, F.W.
- Wetterich, C.** see Shafi, Q. 8-58154
- Wetting, W.** see Sandercock, J.R. 8-95424
- Wettly, J.** Recent aspects of the standardisation of tests on plastics, linked to their usage 8-85061
- Wetton, R.E.** Design and measurement of polymeric materials for vibration absorption and control 8-87185
- Wetton, R.E.** see Brown, I.G. 8-75819
- Wettstein, E.** see Kumar, K. 8-68295, 8-95468
- Wetzel, L.** On the origin of long-period features in low-angle sea backscatter 8-57218
- Wetzel, W.** Analyticity properties in q^2 for moments of deep inelastic structure functions 8-78188
- Wetzel, W.** see Pernegr, J. 8-50047
- Wevelslep, K.** Statistical analysis of multi-input nonlinear systems by optimal linearisation 8-64918
- Wevers, H.W.** HSLA steels in mining equipment 8-52943
- Wexler, A.** see Lean, M.H. 8-90347
- Wexler, B.L.** Waynant, R.W. High average power, high repetition rate 16- μm laser 8-55381
- Wexler, G.** see Doran, N.J. 8-79926
- Wexler, H.** see Scorer, R.S. 8-92952
- Wexler, S.** see Parks, E.K. 8-88627
- Wexler, S.** see Sheen, S.H. 8-73029
- Wey, R.** Van Der see Van Der Wey, R.
- Weyer, E.M.** Pole movement and sea levels 8-53608
- Weygand, D.P.** see Jacobs, S.M. 8-58197
- Weygandt, C.N.** Cox, R.H., Karreman, G., Cole, M.L. Pressure-flow relationships in a model for the arterial system 8-53435
- Weymann, W.** see Babcock, J. 8-68396
- Weyl, C.** see Zuppiroli, L. 8-60113
- Weyland, A.** Exact line shapes in collision-induced absorption 8-66512
- Weymann, R.J.** Boroson, T., Scargle, J.D. Are quasar redshifts randomly distributed? 8-54070
- Weymann, R.J.** Williams, R.E. A summary of the properties of $Z_{\text{abs}} > Z_{\text{em}}$ systems and some comments on the origins of QSO absorption line systems 8-57682
- Weymann, W.** see Bakalyar, D. 8-68421
- Weymouth, J.W.** see Tsai, T.H. 8-68184
- Weyrich, C.** see Hoffmann, L. 8-64158
- Wezel, W.F.** Richtol, H.H. Polarized fluorescence of guests in MBBA 8-90207
- Wezemaal, A.-M.** Van see Van Wezemaal, A.-M.
- Wha Tek Kim** see Kim Wha Tek
- Whalen, B.A.** see Daly, P.W. 8-77391
- Whalen, J.F.** Smith, A.B. Note on the fast-neutron total cross section of thorium 8-58278
- Whaley, P.W.** Brown, D.L. Prediction of angular disturbances from airframe members to airborne electro-optical packages 8-83323
- Whall, T.E.** see Franke, H. 8-52404
- Whalley, E.** see Kell, G.S. 8-55711
- Whalley, E.** see Klug, D.D. 8-76473
- Whalley, E.** see Lavergne, A. 8-70151
- Whalley, M.** see Oliver, W.P. 8-89857
- Whalley, M.R.** see DeHaven, C.E., Jr. 8-82244
- Whalley, P.B.** Hutchinson, P., James, P.W. The calculation of critical heat flux in complex situations using an annular flow model 8-94090
- Whang, S.H.** see Machlin, E.S. 8-79555
- Whang Chung Nam** see Chung Nam Whang
- Whangbo, M.-H.** see Janis, W.J. 8-62857
- Whangbo Myung-Hwan** see Myung-Hwan Whangbo
- Wharton, L.** see Kubiak, G. 8-66584
- Wharton, L.** see Smalley, R.E. 8-55194
- Wharton, M.H.** Environmental effects in the fretting of titanium alloys 8-56787
- Whatmore, R.W.** Clarke, R., Glazer, A.M. Tricritical behaviour in $\text{PbZr}_{x}\text{Ti}_{1-x}\text{O}_3$ solid solutions 8-80296
- Wheaton, J.H.** Mitigation of residual space charge ion optics effects in gas cell by adjustment of beam permeance 8-74105
- Wheaton, J.H.** Grisham, L.R., Tsai, C.C., Stirling, W.L. Effect of preacceleration voltage upon ion-beam divergence 8-66743
- Wheaton, J.H.** Jaeger, E.F., Whitson, J.C. Optics of ion beams of arbitrary permeance extracted from a plasma 8-50693
- Wheaton, J.H.** Tsai, C.C. Influence of chromatic aberrations on space charge ion optics 8-55294
- Wheaton, J.H.** Tsai, C.C., Dagenhart, W.K., Gardner, W.L., Haselton, H.H., Kim, J., Menon, M.M., Ryan, P.M., Schechter, D.E., Stirling, W.L. Effect of preacceleration on intense ion-beam transmission efficiency 8-87005
- Wheaton, J.H.** see Gardner, W.L. 8-82075
- Wheaton, J.H.** see Kim, J. 8-50418
- Wheatley, C.** see Pilt, A.A. 8-62495
- Wheatley, J.C.** see Krusius, M. 8-54376
- Wheatley, J.C.** see Paulson, D.N. 8-75901, 8-79846
- Wheatley, J.C.** see Sager, R.E. 8-56008, 8-79840
- Wheatley, J.C.** see Stringin, M. 8-88053
- Wheatley, S.E.** Agostini, P., Dixit, S.N., Levenson, M.D. Saturation effects in resonant three photon ionization of potassium 8-90137
- Wheatley, S.E.** see Agostini, P. 8-58632
- Wheaton, R.J.** see Lee, W.H. 8-67840, 8-71875
- Wheaton, W.** see Maraschi, L. 8-54092
- Wheeler, C.D.** see Etkin, A. 8-89743
- Wheeler, D.R.** X-ray photoelectron spectroscopic study of surface chemistry of dibenzyl disulfide on steel under mild and severe wear conditions 8-64736
- Wheeler, D.R.** Brainard, W.A. Composition of RF-sputtered refractory compounds determined by X-ray photoelectron spectroscopy 8-51839
- Wheeler, E.J.** Lewis, D. The deformation and annealing characteristics of germanium and silicon 8-75713
- Wheeler, G.L.** see Milburn, L.H. 8-62177
- Wheeler, H.B.** see Peura, R.A. 8-61238
- Wheeler, J.A.** Include the observer in the wave function? 8-54234
- Wheeler, J.C.** see Andersen, G.R. 8-95158
- Wheeler, J.C.** see Shields, G.A. 8-57632, 8-57673
- Wheeler, J.P.** Design and manufacture considerations in commercial ion lasers 8-59046
- Wheeler, K.R.** see Schwenk, E.B. 8-52874
- Wheeler, K.T.** see Wang, T.S. 8-80922
- Wheeler, N.B.** see Nadile, R.M. 8-81456
- Wheeler, P.D.** see Dorey, A.P. 8-92748
- Wheeler, R.G.** see Hu, C.C. 8-64127
- Wheeler, R.G.** see Warde, C. 8-56052
- Wheeler, R.L.** Slip planes from Devonian Millboro Shale, Appalachian Plateau province: statistical extensions of disclod analysis 8-65293
- Wheless, L.L.** see Kay, D.B. 8-61240
- Wheless, L.L., Jr.** see Cambier, J.L. 8-77143
- Whelan, J.A.J.** see Boksenberg, A. 8-93453
- Whelan, J.A.J.** see Fabian, A.C. 8-93317
- Whelan, J.A.J.** see Heap, S.R. 8-96474
- Whelan, J.A.J.** see Worden, S.P. 8-77580
- Whelan, M.J.** see Saldin, D.K. 8-83666, 8-83854
- Whelan, T.D.** see Beddard, G.S. 8-62836
- Whelpton, D.** Electro-medical servicing: quality maintenance 8-77126
- Wherrett, B.S.** Oscillation characteristics of an external-cavity system as used with the spin-flip Raman laser 8-55383
- Wherrett, B.S.** see Firth, W.J. 8-71106
- Whicker, F.W.** see Little, C.A. 8-73265
- Whicker, F.W.** see McDowell, L.M. 8-96102
- Whiffen, D.H.** see Burdett, J.K. 8-92492
- Whillock, M.J.** Edwards, A.A. Comparison of the stopping cross-sections of ethylene and polyethylene using alpha particles in the energy range 1.5-4.2 MeV 8-53510
- Whinston, A.** see Fu, K.S. (editor) 8-64927
- Whipple, E.C.** see Lennartsson, W. 8-77439
- Whipple, E.T.B.** see Nasser, M.A. 8-70532
- Whipple, F.L.** Rotation period of Comet Donati 8-57506
- Whipple, F.L.** Comets 8-57507
- Whipple, T.A.** Olson, D.L., Bradley, W.L., Matlock, D.K. Corrosion and mechanical behavior of iron in liquid lithium 8-53036
- Whipple, W., Jr.** Hunter, J.V., Yu, S.L. Effects of storm frequency on pollution from urban runoff 8-53667
- Whistler, S.J.** see Babbs, C.F. 8-57120
- Whiston, C.D.** Smith, A.J. Double oxides containing niobium or tantalum. V. Systems containing a group III element 8-59787
- Whiston, G.S.** Compact spinor space-times 8-65828
- Whitaker, A.** The crystal structure of hopeite, $\text{Zn}_3(\text{PO}_4)_2 \cdot 4\text{H}_2\text{O}$: errata 8-75640
- Whitaker, A.** see Lonsdale, T.D. 8-68675
- Whitaker, J.S.** see Tanenbaum, W. 8-66113
- Whitaker, M.** see Chou-Mou Huang 8-82854
- Whitaker, M.A.B.** The motional effect in nuclear double-resonance 8-68413
- Whitaker, S.** see Hansl, T. 8-74244, 8-89698, 8-89860
- Whitaker, W.G.** see Day, R.W. 8-96214
- Whitby, K.** see Kittelson, D.B. 8-95975
- Whitby, K.T.** Physical characterization of aerosols 8-69430
- Whitby, K.T.** The physical characteristics of sulfur aerosols 8-96284
- Whitby, K.T.** see Liu, B.Y.H. 8-96297
- Whitcomb, E.C.** Henry, R.D. Fabrication of thin film magnetic garnet structures for intra-cavity laser applications 8-66852
- Whitcomb, S.E.** see Keene, J. 8-55422
- White, A.** Hornsey, S. Radiation damage to the rat spinal cord: the effect of single and fractionated doses of X-rays 8-65076
- White, B.L.** see Auld, E.G. 8-90111
- White, C.C.** III see Junkins, J.L. 8-96380
- White, C.L.** Liu, C.T. The effect of phosphorus segregation to grain boundaries in Ir+0.3 wt.% W alloys on high temperature ductility 8-95754
- White, C.T.** Ngai, K.L. Random attractive electron-electron interactions in two-dimensional systems 8-60183
- White, C.T.** Ngai, K.L. Self-consistent study of the (2×1) reconstructed Si (111) surface 8-91518
- White, C.T.** Ngai, K.L. Model for the temperature dependence of the metastable 2×1 reconstructed silicon (111) surface 8-91520
- White, C.T.** see Ngai, K.L. 8-60212, 8-95367
- White, C.W.** see Larson, B.C. 8-71747
- White, C.W.** see Narayan, J. 8-75681
- White, D.** Ray theory for wide classes of sound-speed profiles with two-dimensional variation 8-50987
- White, D.** see Clark, G. 8-69166
- White, D.P.** see Reader, P.D. 8-74102
- White, D.R.** Hagen, D.E., Kassner, J.L., Jr., Fannin, D.R., Kriegshauser, P., Hopkins, A.R. A thermoelectric cooled expansion cloud chamber 8-90034
- White, D.R.** see Peaple, L.H.J. 8-84680
- White, D.W.G.** Boyd, J.D. A new family of steels for the North 8-60739
- White, F.R.** see Kazmerski, L.L. 8-67928
- White, G.K.** Thermal expansion of cuprous oxide at low temperatures 8-59959
- White, G.K.** Smith, T.F., Carr, R.H. Thermal expansion of Cr, Mo and W at low temperatures 8-83977
- White, G.L.** The limiting magnitude of the ESO-B and SRC-J Sky Survey 8-69706
- White, G.L.** see Murdoch, H.S. 8-69900
- White, H.W.** Godwin, L.M., Wolfram, T. Application of IETS to the study of adhesion 8-92440
- White, J.** Rippon, J.P., Lakin, W.L., Scott, M.C. Nanosecond slowing down time studies in iron and lithium fluoride: experimental determination 8-58319
- White, J.** see Saukulak, E.J. 8-80475
- White, J.** see Sircar, A. 8-95734, 8-95735
- White, J.C.** Inversion of the Na resonance line by selective photodissociation of NaI 8-87040
- White, J.C.** Smith, J.G. Infrared high spatial-resolution determination of doping levels in p-n junctions 8-95338
- White, J.C.** Zdziusiak, G.A. Branching ratios for TiBr photodissociation with 2660 Å radiation 8-90243
- White, J.D.** Dracup, J.A. Water quality modeling of a high mountain stream 8-53666
- White, J.J.** Bhatia, S.N. Detection of residual stress-induced domains from the transition rounding of antiferromagnets 8-60286
- White, J.J.** Collings, E.W. Characterization of aged ω -phase precipitation in Ti-V (19 at.%) from analysis of rounded superconducting transition calorimetry experiments 8-60252
- White, J.M.** see Campbell, C.T. 8-61045
- White, J.M.** see Parrott, S.L. 8-92502

- White, J.O.**, Kirst, T.R., Tauc, J. Amorphous silicon as a selective absorber of solar energy: a spectral emissivity study 8-83045
- White, J.R.** Bending contribution to line-broadening in polymer diffraction 8-75574
- White, J.R.** Collapse of pyramidal polyethylene crystals 8-76713
- White, J.R.** *see* Evans, J.T. 8-76712
- White, J.R.** *see* Watson, R.L. 8-86810
- White, J.W.**, Thomas, R.K., Trewern, T., Marlow, I., Bomchil, G. Neutron diffraction and inelastic scattering from adsorbed molecules 8-87869
- White, K.O.**, Watkins, W.R., Bruce, C.W., Meredith, R.E., Smith, F.G. Water vapor continuum absorption in the 3.5-4.0- μ m region 8-92973
- White, L.** *see* Benjamin, R.F. 8-55731
- White, M.A.**, Morrison, J.A. Possible dimensional effect on the heat capacity of molecular solids 8-75844
- White, M.H.** *see* Borsuk, G.M. 8-77983
- White, N.E.**, Carpenter, G.F. The recurrent X-ray transient A0538-66 8-54085
- White, N.E.**, Mason, K.O., Carpenter, G.F., Skinner, G.K. The variability of MXB 1730-335 8-77621
- White, N.E.**, Mason, K.O., Sanford, P.W. The binary X-ray pulsar 3U 1223-62 8-96566
- White, N.E.**, Parkes, G.E., Sanford, P.W., Mason, K.O., Murdin, P.G. Two X-ray periodicities from the vicinity of 4U1145-61 8-81711
- White, N.E.**, Sanford, P.W., Weiler, E.J. An X-ray outburst from the RS CVn binary HR 1099 8-81658
- White, N.E.** *see* Charles, P.A. 8-65722
- White, N.E.** *see* Johnson, H.M. 8-57695
- White, N.M.**, Wing, R.F. Photoelectric two-dimensional spectral classification of M supergiants 8-53936
- White, P.A.** *see* Trotter, P.J. 8-66556
- White, R.A.** *see* Clarke, R.N. 8-77937
- White, R.A.** *see* Johnston, D.A. 8-92757
- White, R.B.** *see* Liu Chen 8-83552
- White, R.E.** *see* Barker, P.H. 8-55082
- White, R.J.**, Fisher, S.B. The precipitation and growth kinetics of γ' in Nimonic PE16 8-64546
- White, R.L.** *see* Kazama, N. 8-68311
- White, R.L.** *see* Tsang, C.H. 8-68287
- White, R.M.** *see* Biegelsen, D.K. 8-72589
- White, R.M.** *see* Tsang, C.H. 8-68287
- White, R.M.** *see* Tu Chen 8-67935, 8-68304
- White, R.N.** *see* Gergely, P. 8-94050
- White, S.D.** *see* Silk, J. 8-93489
- White, S.D.M.** Simulations of merging galaxies 8-77600
- White, S.D.M.**, Rees, M.J. Core condensation in heavy halos: a two-stage theory for galaxy formation and clustering 8-54051
- White, S.J.** A LEED study of the silicon (100) surface 8-60016
- White, S.J.**, Woodruff, D.P., Holland, B.W., Zimmer, R.S. A LEED study of the Si {100}(1 \times 1)H surface structure 8-67910
- White, S.L.** *see* Ohtsuki, M. 8-76989
- White, S.M.** *see* deV. Klein, G. 8-65256
- White, W.B.**, Conley, J.E. An integrated anaerobic system 8-80987
- White, W.B.** *see* Betsch, R.J. 8-76464
- White, W.B.** *see* Boldish, S.I. 8-68503
- White, W.B.** *see* Brawer, S.A. 8-83738
- White, W.B.** *see* McCarthy, G.J. 8-54853
- White, W.H.** *see* Husar, R.B. 8-61542
- White, W.J.K.** *see* Harden, B.N. 8-73426
- White, W.P.**, Anderson, J.C. A new sliding bearing test facility 8-95862
- Whitehead, C.** *see* Brozel, M.R. 8-56104
- Whitehead, C.** *see* Jarvis, O.N. 8-62680, 8-79654
- Whitehead, F.R.** Minimum detectable gray-scale differences in nuclear medicine images 8-61249
- Whitehead, F.R.** The D-log E curve and its relationship to lesion contrast and required photon count densities for medical images 8-69195
- Whitehead, H.R.** *see* Griffiths, J.M. 8-73126
- Whitehead, M.A.** A remark on the relation between the orbital energies and the total energy in molecules calculated by a semiempirical method 8-78614
- Whitehead, M.A.** *see* Kishner, S. 8-62726
- Whitehead, M.E.**, Karim, A.S.A., Loretto, M.H., Smallman, R.E. Electron radiation damage in HCP metals. II. The nature of the defect clusters in Zn and Cd formed by irradiation in the HVEM 8-59838
- Whitehead, M.E.** *see* Karim, A.S.A. 8-59837
- Whitehead, R.E.S.**, Goodfellow, W.D. Geochemistry of volcanic rocks from the Tetagouche Group, Bathurst, New Brunswick, Canada 8-65298
- Whitehead, R.R.**, Watt, A. On the Lanczos method and the method of moments 8-58240
- Whitehead, R.R.**, Watt, A., Kelvin, D., Conkie, A. On the distribution of shell-model eigenvector components 8-62492
- Whitehead, R.R.** *see* Singhal, R.P. 8-62523
- Whitehouse, C.R.**, Balchin, A.A. Optimisation of conditions for the growth of gallium selenide and gallium sulphide by iodine vapour transport 8-68611
- Whitehouse, C.R.**, Balchin, A.A. Non-stoichiometry in ZrS₂ and ZrSe₂ 8-75841
- Whitehouse, H.** Optical and analog electronic signal processing 8-78943
- Whitehouse, J.E.** EPR cavity matching device for use at low temperatures 8-54420
- Whitehurst, H.B.** *see* Akse, J.R. 8-79799
- Whitelock, P.A.** *see* Darius, J. 8-96479
- Whiteoak, J.B.**, Gardner, F.F. Observations of the interstellar [¹⁶OH]/[¹⁸OH] abundance ratio 8-54024
- Whiteoak, J.B.**, Gardner, F.F. H₂CO and OH observations of a molecular cloud near RCW 36 8-69862
- Whiteoak, J.B.**, Gardner, F.F., Sinclair, M.W. Observations of the 3.3-GHz ground-state transitions of interstellar CH 8-77592
- Whiteoak, J.B.** *see* Baker, J.R. 8-77611
- Whiteoak, J.B.** *see* Gardner, F.F. 8-65674, 8-69885, 8-73745
- Whitfield, G.** *see* Shaw, P.B. 8-51907
- Whitfield, G.D.** *see* Norris, G.B. 8-84151
- Whitfield, P.W.** *see* Johnson, R.L. 8-54966
- Whitfield, R.G.**, Leroi, G.E. Raman phonon spectra of partially deuterated crystalline ethylenes 8-56470
- Whitfield, R.G.**, Leroi, G.E. 'Effective' site symmetry in molecular crystals. Orientational energies of dilute guest probes in isotopically mixed, partially deuterated ethylene crystals 8-68496
- Whitford, B.G.**, Baird, K.M. Absolute frequencies of CO₂ laser transitions by multiplication of CO₂ laser difference frequencies 8-90445
- Whitford, G.M.** *see* Fry, B.W. 8-78821
- Whitham, E.M.** *see* Griffin, M.J. 8-92672
- Whitham, G.B.** *see* Fornberg, B. 8-81851
- Whitham, K.** *see* Gagnon, W.L. 8-55015, 8-59038
- Whiting, J.S.S.** *see* Mitra, D.P. 8-95525
- Whiting, W.B., II.**, Ackerman, R.C. Prediction of acoustic velocities in nonideal gaseous mixtures 8-67306
- Whitlock, C.A.** *see* Palmer, D.A. 8-94444
- Whitlock, R.** *see* Fatemi, M. 8-69517
- Whitman, A.M.**, Beran, M.J. Numerical calculation of the intensity distribution in sound channels using coherence theory 8-79152
- Whitman, A.M.** *see* Beran, M.J. 8-83136
- Whitman, G.M.**, Leski, D.M., Schwering, F. Scattering by perfect conductors with periodic trapezoidal surface corrugations, TE- and TM-polarizations 8-62994
- Whitman, R.L.**, Kruger, R.P., Day, R.H., Stupin, D.M. Two-dimensional computer modeling and analysis of thin-wall microspheres 8-50311
- Whitman, R.L.** *see* Stupin, D.M. 8-50310
- Whitman, R.V.** *see* Kausel, E. 8-79216
- Whitmarsh, R.B.** Seismic refraction studies of the upper igneous crust in the North Atlantic and porosity estimates for Layer 2 8-53629
- Whitmell, D.S.** *see* Armitage, B.H. 8-94156
- Whitmore, J.**, Lewis, R.A., Oh, B.Y., Pratap, M., Smith, G.A., Lach, J., Kitagaki, T., Tanaka, S., Yuta, H., Abe, K., Hasegawa, K., Yamaguchi, A., Nozaki, T., Tamai, K., Kikuchi, R., Maruyama, T., Unno, Y., Kunori, S., Canter, J., Dao, F.T., Gelfand, E., Mann, W.A., Schneps, J. Search for a K⁰ $\pi^+\pi^-\pi^+$ resonance near 2.6 GeV in 14.75 GeV/c pp interactions 8-74289
- Whitmore, J.** *see* Baubillier, M. 8-93877
- Whitmore, J.** *see* Bust, C.P. 8-93909
- Whitmore, J.** *see* Singer, R. 8-54659
- Whitmore, N.D.** *see* Alford, R.M. 8-73326
- Whitmore, R.L.** *see* Reeves, M. 8-65071
- Whitney, A.R.** *see* Wittels, J.J. 8-69896
- Whitney, E.** *see* Dow Whitney, E.
- Whitney, J.A.**, Paris, T.A., Carpenter, R.H., Hartley, M.E., III. Volcanic evolution of the southern Slate belt of Georgia and South Carolina. A primitive oceanic island arc 8-81125
- Whitney, K.G.** *see* Davis, J. 8-51360, 8-91130
- Whitney, W.T.** An electron-beam sustained discharge HgCl laser 8-59043
- Whitrow, G.J.** On the impossibility of an infinite past 8-62029
- Whitsett, C.R.** *see* Nelson, D.A. 8-68620
- Whitson, J.C.** *see* Tsang, K.T. 8-79431
- Whitson, J.C.** *see* Wheatlon, J.H. 8-50693
- Whittaker, C.G.** *see* Blustin, P.H. 8-82639
- Whittaker, E.J.W.** The cavities in a random close-packed structure 8-55802
- Whittaker, J.D.** *see* Cester, R. 8-66145
- Whittaker, J.K.** *see* Bass, A.M. 8-69505
- Whittaker, V.P.** The electromotor system of Torpedo. A model cholinergic system 8-53388
- Whitaker, J.H.**, Shepherd, G.G., Anger, C.D., Burrows, J.R., Wallis, D.D., Klumppar, D.M., Walker, J.K. The winter polar ionosphere 8-77400
- Whitaker, J.H.** *see* Foster, J.C. 8-57391
- Whittemore, W.K.** Recorders [biomedical applications and maintenance] 8-69241
- Whitten, C.A., Jr.** *see* Fong, J. 8-94008
- Whitten, C.A., Jr.** *see* Hoffman, G.W. 8-54760
- Whitten, C.A., Jr.** *see* Hoffmann, G.W. 8-62674, 8-70526
- Whitten, J.L.** *see* Besnainou, S. 8-92458
- Whitten, J.L.** *see* Pakkanen, T.A. 8-94180
- Whitten, R.C.**, Borucki, W.J., Capone, L.A., Turco, R.P. Effect of the reaction HO₂+O₂→OH+2O₂ on stratospheric ozone 8-96275
- Whitten, R.C.** *see* Loewenstein, M. 8-73438
- Whittet, D.C.B.**, van Breda, I.G. The correlation of the interstellar extinction law with the wavelength of maximum polarization 8-61902
- Whittet, D.C.B.**, Wayne, R.C., Jones, I.W. On the interstellar abundance of H₂O⁺ 8-69860
- Whittet, D.C.B.** *see* Grewing, M. 8-96524
- Whittingham, M.S.** Structure and bonding in the pyridine intercalates of tantalum disulfide 8-91323
- Whittingham, T.A.** *see* Farmery, M.J. 8-69163
- Whittington, K.R.** Ultrasonic testing at high temperatures 8-85095
- Whittington, K.R.** Ultrasonic inspection of hot steel 8-88586
- Whittington, K.R.** *see* Wilson, D.M. 8-60973
- Whittington, S.G.**, Gaunt, D.S. Lower bounds on the numbers of lattice animals 8-70069
- Whittington, S.G.** *see* Barber, M.N. 8-81927
- Whittington, S.G.** *see* Guttman, A.J. 8-54309
- Whittington, S.G.** *see* Ma, L. 8-67906
- Whittle, D.P.** *see* Johnson, D.M. 8-72934
- Whittle, H.R.**, Fullard, K., Murphy, E.G., Richardson, D. Some design aspects of computer based control systems for pulsed fusion experiments 8-62624
- Whittlesey, A.C.** Voyager electrostatic discharge protection program 8-89042
- Whitton, J.L.**, Tanovic, L., Williams, J.S. The production of regular pyramids on argon ion bombarded surfaces of copper crystals 8-59843
- Whitton, J.S.** *see* Wells, N. 8-85559
- Whitwell, J.R.** *see* Spiers, F.W. 8-53512, 8-77115
- Whitworth, R.W.** The interaction of dislocations with point defects in ionic crystals 8-63787
- Wiat, R.** *see* Blanc, G. 8-67916
- Wiat, R.** *see* Bressan, J. 8-84721
- Wiat, R.** *see* Gabrielli, C. 8-51845
- Wibbe, H.B.** Short-term market prospects for a nuclear chemical-bound energy system—a customer's view for a local market 8-82505
- Wibberenz, G.** *see* Williams, D.J. 8-85811
- Wiberg, K.B.**, Wendoloski, J.J. Electronic states of organic molecules. VI. Analysis of infrared intensities. The hybrid orbital rehybridization model. Charge distribution in molecules 8-74630
- Wiberg, N.E.** *see* Runesson, K. 8-92875
- Wicher, J.** Identification of damping and stiffness parameters of a system with stochastic excitation 8-69973
- Wichert, T.** *see* Patterson, B.D. 8-60373
- Wichert, Th.** *see* Echt, O. 8-92011
- Wichert, W.** *see* Knotek, O. 8-92368
- Wichterle, I.** High pressure vapour-liquid equilibrium. III. Quantitative description. I 8-79736
- Wichterle, I.** High pressure vapour-liquid equilibrium. II. Phenomenological description. II 8-91415
- Wichterle, I.** *see* Drahos, J. 8-87780
- Wichtl, M.** *see* Malissa, H., Jr. 8-77523
- Wick, G.L.** Particles falling in a rotating fluid 8-55675
- Wick, G.L.**, Isaacs, J.D. Imbrian-age highland volcanism on the Moon: the Gruithuisen and Mairan domes 8-77504
- Wick, H.-J.**, Woelk, G. Approximation of an ingot by an equivalent cylinder for temperature field calculation 8-84788
- Wick, K.** *see* Dobiasch, H. 8-62538
- Wick, K.** *see* Kluge, W. 8-74375
- Wicke, A.** *see* Porstendorfer, J. 8-73261
- Wicke, B.G.** *see* Tang, S.P. 8-76847
- Wicke, E.** *see* Boes, N. 8-75878
- Wicke, J.D.**, Goff, W.R., Wallace, J.D., Allison, T. On-line statistical detection of average evoked potentials: application to evoked response audiometry (ERA) 8-69245
- Wickenden, D.** *see* Metcalfe, R.D. 8-60523
- Wickens, F.** *see* Berglund, A. 8-66160
- Wickens, J.** *see* Baland, J.F. 8-93911
- Wickens, J.** *see* Erriquez, O. 8-78170
- Wickens, L.M.**, Allen, J.E., Rumsby, P.T. Ion emission from laser-produced plasmas with two electron temperatures 8-71513

- Wickersham, C.E., Bajor, G., Greene, J.E. Impulse stimulated 'explosive' crystallization of sputter deposited amorphous (In, Ga)Sb films 8-84098
- Wickersham, C.E., Greene, J.E. The effect of substrate bias on the electrical and optical properties of In_2O_3 films grown by RF sputtering 8-64150
- Wickes, W.C. *see* Groth, E.J. 8-57482
- Wickett, A.J. Convection in the helium flash 8-89191
- Wickham, J. *see* Anthony, M. 8-77222
- Wicklund, A.B., Ayres, D.S., Diebold, R., Greene, A.F., Kramer, S.L., Pawlicki, A.J. Comparative study of $\rho^0, \omega, K^0(890)$ and $K^0(890)$ production by charge-exchange reactions 8-58200
- Wicklund, A.B. *see* Kramer, S.L. 8-66158
- Wickman, F.E. *see* Krupka, K.M. 8-61568
- Wickman, G. Computer tomography—a million making industry 8-65106
- Wickramasinghe, C. *see* Hoyle, F. 8-53714
- Wickramasinghe, H.K. Contrast in reflection acoustic microscopy 8-55533
- Wickramasinghe, N.C. *see* Hoyle, F. 8-54008
- Wickramasinghe, N.C. *see* Oishi, M. 8-81592
- Wickwar, V.B. *see* Baker, D.J. 8-81485
- Widder, K. *see* Senyei, A. 8-73188
- Wiedburg, K. *see* Betz, H. 8-49906
- Widera, R. *see* Liskien, H. 8-78372
- Wideroe, R. Thoughts on the energy situation 8-50413
- Wideroe, R. A comparison of radiation effects on mammalian cells in vitro caused by X-rays, high energy neutrons and negative pions. Theoretical considerations based upon the two component theory of radiation 8-69155
- Widing, K.G. Forbidden lines of Fe XIX, Fe XX, and Fe XXI in solar flares 8-57519
- Widmer, F. *see* Stucheli, A. 8-83439
- Widmer, F. *see* Trouilhet, Y. 8-94868
- Widmer, R. Simple water-sensitive detector (emergency switch) 8-81962
- Widner, M.M. *see* Farnsworth, A.V., Jr. 8-58480
- Widner, R. *see* Lehmann, H.W. 8-92191
- Widom, A., Tornberg, N.E., Lowndes, R.P. Central components in the ferroelectrics phase of KH_2PO_4 8-56436
- Widom, B. Structure of the $\alpha\gamma$ interface 8-71831
- Wiede, E. *see* Higa, W.H. 8-93704
- Wied, G. *see* Kosuch, N. 8-55185, 8-62273
- Wiechern, R. *see* Pfeifer, T. 8-77856
- Wieck, H.J. *see* Borodinsky, L. 8-59938
- Wielawik, W. *see* De Wielewicz, W.
- Wieczorek, H. *see* Laven, H. 8-66163
- Wieczorek, H. *see* Otter, G. 8-82251
- Wieczorek, L.W. *see* Roseler, A. 8-86360
- Wieder, H.H. Perspectives on III-V compound MIS structures 8-95372
- Wieder, H.H. *see* Clawson, A.R. 8-65966
- Wieder, H.H. *see* Lum, W.Y. 8-72017
- Wieder, H.H. *see* Wagner, R.J. 8-64137
- Wieder, S., Jaoudi, E. Autobalancing radiometer 8-86067
- Wiederhold, G. *see* Donnerhacke, K.-H. 8-83010
- Wiederhold, G. *see* Dunnerhacke, K.H. 8-71078
- Wiederhold, G.H. *see* Pataki, A. 8-69175
- Wiederhold, M.L. *see* Foster, K.R. 8-61200
- Wiederhorn, S.M. Dependence of lifetime predictions on the form of the crack propagation equation 8-72882
- Wiederhorn, S.M., Tighe, N.J. Proof-testing of hot-pressed silicon nitride 8-80693
- Wiedersich, H. *see* Lam, N.Q. 8-67741
- Wiedersich, H. *see* Rehn, L.E. 8-72779
- Wiedersich, H. *see* Sagues, A.A. 8-76791
- Wiedmann, J., Penzkofer, A. Measurement of the background energy content of Nd-glass picosecond pulses with saturable absorbers 8-59062
- Wiedmann, L., Ganschow, O., Benninghoven, A. Contamination of clean metal surfaces associated with electron bombardment in conventional AES analysis 8-53293
- Wiedmann, L. *see* Benninghoven, A. 8-72919, 8-84685
- Wiedner, C.A., Nolen, J.A., Jr., Saathoff, W., Tribble, R.E., Bolger, J., Zichy, J., Stricker, K., McManus, H., Carr, J.A. A comparison of 180 MeV π^+ and π^- scattering from ^{24}Mg 8-89915
- Wiedner, C.A. *see* Bhatia, T.S. 8-70433
- Wiegand, W., Ruland, R. Density fluctuations in uniaxially stretched polyethylene 8-75587
- Wiegand, W. *see* Ruland, W. 8-75560
- Wiegel, F.W. *see* Kox, A.J. 8-73141
- Wiegel, F.W. *see* Mijnlief, P.F. 8-71301
- Wieggers, G.A. *see* Van Bruggen, C.F. 8-91848
- Wieggers, G.A. *see* Van Landuyt, J. 8-51515
- Wiegman, N.J., ter Stege, R. Barkhausen effect in magnetic thin films: general behaviour and stationarity along the hysteresis loop 8-56357
- Wiegman, N.J. *see* ter Stege, R. 8-82008
- Wiegmann, J., Kranz, G. Structural stresses in ceramic materials and possibilities of measuring them 8-52744
- Wiegmann, P.B. One-dimensional Fermi system and plane xy model 8-56091
- Wiegmann, W. *see* Petroff, P.M. 8-72739
- Wiehr, E. Measurement of solar disc polarization in a number of Fraunhofer lines and their adjacent continuum. II. Improved data, new line measurements 8-73688
- Wiehr, E. A unique magnetic field range for non-spot solar magnetic regions 8-96452
- Wiel, M. *see* van der Wiel, M.
- Wiel, M.J. *see* van der Wiel, M.J.
- Wieland, D.M. *see* Beierwaltes, W.H. 8-65118, 8-85370
- Wiele, J. *see* Van De Wiele, J.
- Wielebinski, R., Haslam, C.G.T., Baker, J.R., Kronberg, P.P. Radio sources around 3C 465, in the cluster of galaxies Abell 2634 8-73764
- Wielebinski, R. *see* Bartel, N. 8-81645
- Wielebinski, R. *see* Beck, R. 8-86017
- Wielebinski, R. *see* Stoffel, H. 8-86014
- Wielichow, E.P., Kintner, E. Problems and perspectives of thermonuclear power plants 8-54876
- Wielke, B., Schoeck, G. Reply to 'Comments on dislocation dynamics during rate changes' 8-88507
- Wielopolski, L. *see* Gardner, R.P. 8-85243
- Wielunski, L. *see* Barcz, A. 8-54164
- Wieman, C., Hansch, T.W. Precision measurement of the ground state Lamb shift in hydrogen and deuterium 8-82696
- Wieman, H. *see* Doli, P. 8-70558
- Wiemann, W. *see* Ewald, I. 8-60837
- Wieme, W., Van Den Berge, G. Double probe measurements of electron concentration and electron temperature in afterglows 8-63632
- Wien, K. *see* Fass, R. 8-86717
- Wien, K. *see* Krueger, F.R. 8-68596
- Wiencek, K. *see* Rys, J. 8-92280
- Wienke, G. *see* Donker, D.N.J. 8-77049
- Wiener, E. A generalisation of the method of determining the optical calibration intervals of measuring instruments 8-49787
- Wiener-Avneer, E. *see* Bleha, W.P. 8-83102
- Wiener-Avneer, E. *see* Ueppan, A. 8-58707
- Wiernhard, K. *see* Berg, U.E.P. 8-93966
- Wienhold, P., Sonnenberg, K., Antesberger, A. Stage III recovery kinetics of electron-irradiated Cu 8-63792
- Wienhold, P. *see* Ali Khan, I. 8-71494
- Wienhold, P. *see* Ali-Khan, I. 8-71495, 8-95187, 8-95809
- Wienke, B.R., Miller, W.F., Jr., Seed, T.J. Hydrogen transport in a two-dimensional toroidal plasma 8-59661
- Wienman, J.A. *see* Shipley, S.T. 8-66754
- Wienskowski, J. *see* Von Se Wienskowski, J.
- Wierenga, P.E., Mollenhorst, G.J., Wikkerink, A.T.B. Visible-infrared window assembly for ultrahigh vacuum systems 8-54380
- Wiernman, J.C. On critical probabilities in percolation theory 8-86224
- Wiersma, D.A. Photon echoes of molecular crystals 8-71156
- Wiersma, D.A. *see* de Bree, P. 8-79076
- Wiersma, D.A. *see* de Vries, H. 8-83040
- Wiersma, D.A. *see* Hesselink, W.H. 8-71155
- Wiersma, P. The realization of circularly symmetric positive filter functions by transparent rings 8-94448
- Wierzbanski, K. Study of the heterogeneity of texture of sheet metal by means of numerical simulation 8-92274
- Wierzbanski, K., Jasienski, Z. Numerical simulation study of behaviour of cfc and cc (types A1 and A2) metals during rolling 8-84891
- Wiescher, M. *see* Trautvetter, H.P. 8-57545
- Wiese, H.W. *see* Bachmann, H. 8-62604
- Wiese, W.L. *see* Younger, S.M. 8-74601, 8-74755
- Wiesel, W. Fragmentation of asteroids and artificial satellites in orbit 8-53858
- Wiesenfeld, J.R., Wolk, G.L. Kinetics of the deactivation of $\text{I}(5^2\text{P}_{1/2})$ by Br₂. I. Quenching of excited iodine atoms 8-95916
- Wiesenfeld, J.R., Wolk, G.L. Kinetics of the deactivation of $\text{I}(5^2\text{P}_{1/2})$ by Br₂. II. Production of electronically excited bromine atoms, $\text{Br}(4^2\text{P}_{1/2})$, by chemical reaction 8-95917
- Wiesenfeld, J.R., Yuen, M.J. Kinetic studies of tin and germanium atom oxidation in the gas phase 8-92468
- Wiesenfeld, L. *see* Cogne, A. 8-82751
- Wieser, E. *see* Barton, J. 8-75831
- Wiesmann, H.J. *see* Bernasconi, J. 8-59926
- Wiesner, P.J. *see* Senske, W. 8-52555
- Wiessmann, S. *see* Murty, K. 8-72231
- Wiesspeiner, G. A simple heart frequency monitor in microprocessor technology 8-92718
- Wiest, F. *see* De Wiest, F.
- Wieting, R.D., Fayer, M.D., Dlott, D.D. The effects of impurity scattering and transport topology on trapping in quasi-one-dimensional systems: application to excitons in molecular crystals 8-95263
- Wieting, T.J. Pseudolattices in low-dimensional materials and the correlation method 8-75768
- Wiffen, F.W. *see* Talbot, J.B. 8-58455
- Wigdor, I. *see* Primmerman, C.A. 8-94407
- Wigen, P.E., Okuda, K. de Haas-van Alphen effect and s-d exchange interaction in MgMn alloys 8-88093
- Wigger, P. *see* Morelli, C. 8-65209
- Wiggin, D.B. *see* Park, C.G. 8-88985
- Wiggins, P.F. *see* Duffey, D. 8-85265
- Wiggins, R.A. Minimum entropy deconvolution 8-81423
- Wight, C.A., Turley, T.J., Demas, J.N. A new approach to the study of reversible excited-state electron-transfer reactions 8-76885
- Wight, J.S. *see* Chudobiak, W.J. 8-62178
- Wightman, A.S. *see* Streater, R.F. 8-78102
- Wightman, F.L. *see* Grantham, D.W. 8-53422
- Wigle, E.D. *see* Covey, H.D. 8-53549
- Wigle, E.D. *see* Tsotsos, J. 8-81031
- Wigley, G. The sizing of large droplets by laser anemometry 8-86238
- Wigley, T.M.L. *see* Brimblecombe, P. 8-88907
- Wignome, J.K. *see* Smith, B.S. 8-91389
- Wignacourt, J.-P. *see* Mairesse, G. 8-51487, 8-63720
- Wignall, J.W.G. *see* Borreani, G. 8-82232
- Wignall, J.W.G. *see* Tovey, S.N. 8-66147
- Wigner, E.P. *see* O'Connell, R.F. 8-89335
- Wigner, J. 50 years of principles of symmetry 8-73818
- Wigwe, F.E.W. *see* Ajayi, S.O. 8-76874
- Wiid, D.H. *see* Geldenhuys, J. 8-91859
- Wiik, B.H. The physics with electron-proton colliding beams 8-78531
- Wiik, B.H. *see* Brandelik, R. 8-62416
- Wiik, B.H. *see* Ellis, J. 8-55062
- Wiita, P.J. On the flow of special relativistic fluids through channels 8-69668
- Wiita, P.J. *see* Eichler, D. 8-69881
- Wijangco, A. *see* Corden, M.J. 8-62470
- Wijeyesekera, S.D., Kuschik, J.N. Some sum rules for librational reorientation 8-71659
- Wijk, G., Rehinder, G., Logdstrom, G. The relation between the uniaxial tensile strength and the sample size for Bohus granite 8-81153
- Wijnakker, M. *see* Kivits, P. 8-60159
- Wijnbergen, J. *see* Wegmann, H.M. 8-85813
- Wijnbergen, J.J., Lena, P., Celnikier, L.M. Fluorescent sky emission in airborne infrared astronomy: measurements and interpretation 8-81552
- Wijnbergen, J.J. *see* Serra, G. 8-54014
- Wijngaarden, A. *see* van Wijngaarden, A.
- Wijngaart, C.A. *see* Van Den Wijnngaart, C.A.
- Wik, T., Bennett, W.R., Jr., Lichten, W. Doppler-free, linear, single-photon spectroscopy of metastable atoms and molecules 8-50487
- Wik, T. *see* Lichten, W. 8-78720
- Wilberg, T. *see* Bregman, M. 8-89768
- Wilberg, T. *see* Carron, G. 8-90006
- Wikkerink, A.T.B. *see* Wierenga, P.E. 8-54380
- Wikstrom, K. *see* Lonnroth, T. 8-82368
- Wiksw, J.P., Jr. The calculation of the magnetic field from a current distribution: Application to finite element techniques 8-94358
- Wiktor, S. *see* Oelert, W. 8-94013
- Wilbourn, R.G. Safety aspects of solvent nitration in HTGR fuel reprocessing 8-86650
- Wilbur, P.J. *see* Aston, G. 8-82074
- Wilburn, D.R., Bassett, W.A. Hydrostatic compression of iron and related compounds: an overview 8-83862
- Wilburn, D.R., Bassett, W.A., Sato, Y., Akimoto, S. X-ray diffraction compression studies of hematite under hydrostatic, isothermal conditions 8-85539
- Wilck, H.C. *see* Morris, G.A., Jr. 8-73642
- Wilcke, R. *see* Besch, H.J. 8-93893
- Wilcomb, B.E., Dagdigian, P.J. Visible chemiluminescence from the reaction of metastable Sr with N_2O : absolute cross section and photon yield 8-92463
- Wilcox, B.R. *see* Downie, D.E. 8-53439
- Wilcox, C.F., Jr. *see* Bauer, S.H. 8-51657
- Wilcox, J.B. *see* Moran, T.F. 8-58806, 8-92462
- Wilcox, J.M. *see* Dittmer, P.H. 8-65589
- Wilcox, J.M. *see* Schatten, K.H. 8-81597
- Wilcox, R.E. Underwater Doppler tracking using optimization techniques 8-55526
- Wilcox, R.W. Total ozone trend significance from space and time variability of daily Dobson data 8-92915
- Wilcox, W.R. Non-constant distribution coefficients from experimental data: Theoretical 8-75606
- Wilcox, W.R. *see* Papazian, J.M. 8-84787
- Wilcox, W.R. *see* Ravishankar, P.S. 8-60665
- Wilcox, W.R. *see* Sen, S. 8-56669, 8-60565, 8-76641
- Wilczek, F. *see* Treiman, S.B. 8-49975
- Wilczynski, A.P. Rigidity of foamed polymers 8-95769

- Wilczynski, H.** *see* Babecki, J. 8-62524
- Wilczynski, J.** *see* Siwek-Wilczynska, K. 8-50204
- Wild, D.L.** *see* Weber, I.T. 8-80830
- Wild, H.** *see* Albrecht, H. 8-82469
- Wild, J.F., Hulet, E.K., Loughree, R.W., Hayes, W.N., Peterson, J.R., Fellows, R.L., Young, J.P.** Studies of californium(II) and (III) iodides 8-75645
- Wild, K.** *see* Edwards, R.T. 8-82393
- Wild, R.K.** *see* Doig, P. 8-87685
- Wild, S., Elliott, H., Thompson, D.P.** Combined infrared and X-ray studies of β -silicon nitride and β' -silalons 8-79579
- Wild, S.R.** *see* Copland, W.A. 8-96081
- Wild, U.P., Holzwarth, A.R., Good, H.P.** Measurement and analysis of fluorescence decay curves 8-54465
- Wild, W.** *see* Ebert, K. 8-54686
- Wild, W.** *see* Fitting, H.J. 8-76593
- Wild, W.** *see* Fitting, H.-J. 8-92180
- Wilde, J.De** *see* De Wilde, J.
- Wilde, L.** *see* Schroder, V. 8-82354
- Wilde, P.** *see* Berry, W.B.N. 8-61436
- Wilden, D.G., Comer, J., Hicks, P.J.** Threshold effects in the excitation of autoionising states of argon atoms by electron impact 8-62923
- Wildenauer, D.** *see* Gerber, G.E. 8-77010
- Wildenthal, B.H.** *see* Brown, B.A. 8-66248
- Wildenthal, B.H.** *see* Chung, W. 8-74314
- Wildenthal, B.H.** *see* Fortune, H.T. 8-70548, 8-78263, 8-82284
- Wildenthal, B.H.** *see* Kalifa, J. 8-78265
- Wildenthal, B.H.** *see* Nann, H. 8-66278
- Wildner, C.** *see* Molvik, A.W. 8-54917
- Wildi, P., Cardwell, G.L., Brower, D.F.** Design of the TEXT toroidal and poloidal field coils 8-50354
- Wildi, P., Ehsani, M.** Regulating resistor and interruptor for the toroidal field system on the TEXT Tokamak development tests 8-55038
- Wildi, P., Gully, J.** A metallic contact, fast-closing, high current switch 8-74483
- Wildi, P., Woods, E.L.** High current switches in the doublet III poloidal field circuit 8-74484
- Wildi, P.** *see* Gentle, K. 8-54984
- Wilding, M.A., Ward, I.M.** Tensile creep and recovery in ultra-high modulus linear polyethylenes 8-95784
- Wildman, P.J.L.** A low energy ion sensor for space measurements with reduced photo-sensitivity 8-53764
- Widschut, H.** *see* Van Elst, H.C. 8-68807
- Wildvank, A.H.** *see* Fote, A.A. 8-64737
- Wilemski, G.** Infrared band intensities for isotopic water molecules 8-86916
- Wiles, C.** *see* Serres, Y. 8-85707
- Wiles, D.M.** *see* Garton, A. 8-84922, 8-95871
- Wilets, L., Yariv, Y., Chestnut, R.** Classical many-body model for heavy-ion collisions. II 8-66302
- Wilets, L.** *see* Schutte, G. 8-58229
- Wiley, C.L., Fradin, F.Y.** ^1H and ^2D NMR in stoichiometric PdH (PdD) [in relation to the superconducting T_c] 8-72430
- Wiley, J.R.** Decontamination of alkaline radioactive waste by ion exchange 8-50263
- Wiley, L.** *see* Greenspan, M. 8-50324
- Wilheit, T.T.** *see* Campbell, W.J. 8-81173
- Wilheit, T.T., Jr.** Radiative transfer in a plane stratified dielectric 8-51050
- Wilheit, T.T., Jr.** A review of applications of microwave radiometry to oceanography 8-81415
- Wilhelm, D.** Transient analyses of a 1000-MW gas-cooled fast reactor 8-50274
- Wilhelm, J., Winkler, R.** Describing the electron ensemble in weak turbulence with the aid of diffusion terms with simultaneous action of collisions and electric and magnetic fields 8-83564
- Wilhelm, J.** *see* Michel, P. 8-63620
- Wilhelm, J.** *see* Winkler, R. 8-71426, 8-71509, 8-83626
- Wilhelm, M.** *see* Nageswararao, M. 8-64670
- Wilhelm, S.** *see* Clocchiatti, R. 8-95688
- Wilhelm, W., Bergmann, R., Fottner, G., Hartmann, F.J., Reidy, J.J., Daniel, H.** Measurement of the Coulomb capture ratio of muons in 13 fluorides 8-62959
- Wilhelm, W.** *see* Daniel, H. 8-66694, 8-90326
- Wilhelmi, B.** *see* Herrmann, J. 8-58664
- Wilhelmi, B.** *see* Heumann, E. 8-82049, 8-89523, 8-90240
- Wilhelmi, B.** *see* Schmutz, E. 8-71492
- Wilhelmi, G.J.** *see* Leader, J.C. 8-50846
- Wilhelms, D.E.** *see* Hodges, C.A. 8-61766
- Wilhelmsson, H.** Enhanced line radiation from active molecular plasmas due to electron collision induced instability 8-71491
- Wilhelmsson, H., Yakimenko, I.P.** Fluctuations in active molecular plasmas 8-63560
- Wilhelmsson, H.** *see* Anderson, D. 8-63559, 8-83591
- Wilhelmsson, H.** *see* Lisak, M. 8-54220
- Wilhelmsson, H.** *see* Weiland, J. 8-62110
- Wilhem, D.P., Ratwani, M.M.** Crack growth resistance at low stress intensities 8-92353
- Wilhem, D.P.** *see* Ratwani, M.M. 8-90795
- Wilhoit, R.C.** *see* Kudchadker, S.A. 8-75250
- Wilk, G.** *see* Rek, Z.J. 8-93981
- Wilk, S.F.J.** *see* Birchall, J. 8-50625
- Wilke, C.** Double probe measurements in HF-discharge 8-67541
- Wilke, M.D.** *see* Mosburg, E.R., Jr. 8-63091
- Wilke, V., Schmidt, W.** Tunable UV-radiation by stimulated Raman scattering in hydrogen 8-55408
- Wilken, B.** *see* Korth, A. 8-94161
- Wilken, B.** *see* Williams, D.J. 8-85811
- Wilkening, L.L.** Carbonaceous chondritic material in the solar system 8-53892
- Wilkins, B.** *see* Landolt, M. 8-52646, 8-68607, 8-95510
- Wilkins, H., Kotterba, B.** A comparison of the evaluation of different room acoustical situations when the sound sources are either loudspeakers or an orchestra 8-94485
- Wilkins, M.** *see* Rapps, P. 8-71645
- Wilkins, M.** *see* Uchida, Y. 8-83660
- Wilkinson, J.L.** *see* Van Zee, R.J. 8-94264
- Wilkinson, L.S., Harting Park, J., Perkins, R.C., Jr., Roelofs, R., Swift, L., Dalton, L.R.** Erythrocyte membrane abnormalities in Duchenne muscular dystrophy monitored by saturation transfer electron paramagnetic resonance spectroscopy 8-96111
- Wilkinson, M.S., Coleman, G., Gilbert, G., Strittmatter, P.A., Williams, R.E., Baldwin, J.A., Carswell, R.F., Grandi, S.A.** The spectrum of the quasar B2 1225+31 8-93447
- Wilkes, G.L., Stein, R.S.** Application of rheo-optical techniques for characterizing multicomponent-multiphase polymeric materials—a brief overview 8-91267
- Wilkes, G.L.** *see* Manzione, L. 8-76482
- Wilkes, J.M.** Rotations as solutions of a matrix differential equation [for teachers] 8-62021
- Wilkes, N.S.** *see* Knops, R.J. 8-63292
- Wilkes, P.** *see* Saunderson, R.I. 8-84762
- Wilkes, P.B.** *see* Barber, D.P. 8-78189
- Wilkie, D.** The disposition of can thermocouples in a nuclear reactor 8-54856
- Wilkin, C.** *see* Pedroni, E. 8-66321
- Wilkin, C.** *see* Robilotta, M.R. 8-58306
- Wilking, B.A.** *see* Hubbard, W.B. 8-61772
- Wilkins, B.D.** *see* Steinberg, E.P. 8-93204
- Wilkins, B.J.S., Nuttall, K.** Secondary cracking in hydridized Zr-2.5 wt.% Nb alloys 8-80630
- Wilkins, G.A.** Fiber optic cables for undersea communications 8-59126
- Wilkins, J.W.** *see* Herbst, J.F. 8-72117
- Wilkins, J.W.** *see* Monnier, R. 8-84282
- Wilkins, J.W.** *see* Muller, J.E. 8-92144
- Wilkins, K., Reese, L.** Left ventricular ejection fractions using a multicrystal scintillation camera 8-73213
- Wilkins, R.D.** *see* Kelly, D.L. 8-73519
- Wilkins, R.W.** *see* Conrad, R. 8-62621
- Wilkins, S.W.** Bragg-case X-ray thin-crystal rocking curves for Si—A direct comparison between theory and experiment 8-55785
- Wilkinson, C.** *see* Forsyth, J.B. 8-95418
- Wilkinson, C.** *see* Smith, J.G. 8-82190
- Wilkinson, C.D.W., Walker, R.** The diffusion profile of stripe optical waveguides formed by ion exchange 8-87137
- Wilkinson, C.D.W.** *see* Pelosi, P.M. 8-55436
- Wilkinson, D.** Continuum derivation of the Ising model two-point function 8-54314
- Wilkinson, D.A.** *see* Glass, E.N. 8-73899
- Wilkinson, D.A.** *see* Nagle, J.F. 8-80837
- Wilkinson, D.H., Gallmann, A., Alburger, D.E.** Super-allowed Fermi β -decay: half-lives of ^{14}O and $^{38}\text{K}^m$ 8-82318
- Wilkinson, D.H.** *see* Becker, J.A. 8-90043
- Wilkinson, E.L., Gamble, W.L., Hartman, R.L., Breault, R.P., Ruda, M.C.** Optical engineering of a 2 meter laser-radar simulator for low scatter characteristics 8-59118
- Wilkinson, G.R.** *see* Bodenheimer, J.S. 8-56488
- Wilkinson, G.R.** *see* Mead, D.G. 8-83985
- Wilkinson, J.M.** *see* Hinson, W.G. 8-69233
- Wilkinson, J.W.** *see* Kohberger, R.C. 8-81453
- Wilkinson, M.K., Bienenstock, A., Blume, M., Clinton, W.L., Rush, J.L., Rowe, J.M.** X-ray, neutron, and electron scattering 8-86703
- Wilkinson, P.N.** *see* Readhead, A.C.S. 8-89266
- Wilkinson, S.J.** *see* Reynolds, W.N. 8-95902
- Wilkinson, P.E., Lamontagne, R.A., Larson, R.E., Swinnerton, J.W.** Atmospheric trace gases and land and sea breezes at the Sepik River coast of Papua New Guinea 8-85642
- Wilkowski, G.M.** *see* Kanninen, M.F. 8-68777
- Wilks, J.** *see* Thornton, A.G. 8-85008
- Will, E.** *see* Winter, G. 8-62552
- Will, G., Bargouth, M.O.** Magnetic properties of GdMg_3 and TbMg_3 8-84392
- Will, G., Lehmann, V., Buschow, K.H.J.** Magnetic properties and neutron diffraction of TbB_2 8-84401
- Will, G.** *see* Buschow, K.H.J. 8-72346
- Will, G.T.** *see* Caramanlian, C. 8-77716
- Willamowski, K.-D.** Contributions to the theory of mass action kinetics. III. Some dynamic properties of second order mass action kinetics 8-85130
- Willamowski, K.-D., Rossler, O.E.** Contributions to the theory of mass action kinetics. I. Enumeration of second order mass action kinetics 8-73018
- Willard, H.B.** *see* Bevington, P.R. 8-78207
- Willard, J.** *see* Knutson, D. 8-50350
- Wille, R.A.** *see* Netzer, F.P. 8-71992
- Wille, U.** *see* Eichler, J. 8-62897
- Willeke, F.** *see* Wehreter, E. 8-91975
- Willemot, E.** *see* Dangoussie, D. 8-82719
- Willems, J.L., Pardaens, J.** Differences in measurement results obtained by four different ECG computer programs 8-81048
- Willemsse, M.W.M.** *see* van de Braak, H.P. 8-76212
- Willemsen, H.W., Gray, K.E.** Distribution function in nonequilibrium states of a superconductor 8-91810
- Willemsen, H.W.** *see* Gray, K.E. 8-76193
- Willemsen, J.F.** Is the gauge sector responsible for confinement in the Abelian lattice theory? 8-66040
- Willen, E.H.** *see* Etkin, A. 8-89743
- Willenborg, D.L.** *see* Weinstein, B.W. 8-50307, 8-73975
- Willer, J., Olijnyk, H., Crone, J., Luscher, E.** Effect of pressure and concentration on the resistivity of CuCr and AuCr spin glasses 8-52278
- Willers, G.P.** *see* Jolls, K.R. 8-83928
- Willestoffte Berg, R.** Low temperature vibrational spectroscopy. II. Evidence for order-disorder phase transitions due to weak C-H...Cl hydrogen bonding in tetramethylammonium hexachloroplatinate (IV), -tellurate (IV), and -stannate (IV) and the related perdeuterated compounds 8-92060
- Willet, G.D.** *see* Gan, T.H. 8-50574
- Willet, G.W.** *see* Mendell, D.S. 8-62629
- Willet, J.E.** *see* Maraghechi, B. 8-91113
- Willet, P.** *see* Evans, L.A. 8-90319
- Willet, P.** *see* Lynch, M.F. 8-92476
- Willet, R.D., Landee, C., Swank, D.E.D.** Magnetic susceptibility of $\text{CuCl}_2\cdot\text{TMSO}$, a ferromagnetic spin $1/2$ linear chain 8-68180
- Willet, R.D.** *see* Landee, C.P. 8-68193
- Willetts, D.V., Hartwright, C.** An anodised aluminium waveguide CO_2 laser 8-55376
- Willetts, R.J., Ward, P.G., Rajkumar, N.** Particle simulation in electronic counters 8-81002
- Willey, D.H.** *see* Sumerling, R. 8-54855
- Willey, R.S.** Quark van der Waals forces 8-82152
- Willi, O.** *see* Raven, A. 8-79471
- Williamowski, K.-D.** Contributions to the theory of mass action kinetics. II. Representation of closed and open kinetics 8-85129
- Williams, A.** *see* Major, S.J. 8-83207
- Williams, A.H.** Calorimeter for laser beams and plasma diagnostics 8-51361
- Williams, A.R.** *see* Krizan, J.E. 8-61146
- Williams, A.R.** *see* Lang, N.D. 8-76909, 8-84066
- Williams, A.W.** *see* Conti, V.J. 8-67566
- Williams, B.A.** *see* Knapp, G.R. 8-65681
- Williams, B.R.** *see* Mason, B.F. 8-71651, 8-80451
- Williams, B.T.** *see* Malcolm, A.D. 8-81059
- Williams, C.** *see* Brunet, M. 8-94978
- Williams, C.** *see* Hessler, J.P. 8-66812
- Williams, C.K.** *see* Glisson, T.H. 8-67940
- Williams, C.L., Peterson, A.C., Jr.** Two-phase flow patterns with high-pressure water in a heated four-rod bundle 8-89938
- Williams, C.M., Koon, N.C.** Spin orientations in single-crystal $\text{Ho}_x\text{Tb}_{1-x}\text{Fe}_2$ 8-84425
- Williams, C.M., Koon, N.C.** Continuous spin orientations in single crystal $\text{Ho}_x\text{Tb}_{1-x}\text{Fe}_2$ 8-84453
- Williams, C.M., Koon, N.C., Milstein, J.B.** Cubic harmonic analysis of magnetic anisotropy measurements on single crystal $\text{Ho}_x\text{Tb}_{1-x}\text{Fe}_2$ Laves phase compounds 8-84410
- Williams, C.M.** *see* Koon, N.C. 8-68217
- Williams, C.W.** *see* Caird, J.A. 8-63075
- Williams, C.W.** *see* Carnall, W.T. 8-62799
- Williams, D.** A coincidence procedure for the measurement of refraction-free directions 8-87125
- Williams, D.** *see* Mulik, J.D. 8-68974
- Williams, D.** *see* Pinkley, L.W. 8-64341
- Williams, D.** *see* Sethna, P.P. 8-68500, 8-68501, 8-72501
- Williams, D.A.** Thermography: applications in industry 8-79112
- Williams, D.A.** *see* Stecher, T.P. 8-69856
- Williams, D.B.** *see* Scott, M.G. 8-56668
- Williams, D.F.** *see* Anand, S.C. 8-69256
- Williams, D.F.** *see* Bernstein, H.J. 8-80364
- Williams, D.F.** *see* Burnshtein, Z. 8-95310
- Williams, D.F.** *see* Webb, J.B. 8-60161, 8-84231
- Williams, D.J., Fritz, T.A., Keppler, E., Wilken, B., Wibberenz, G.** The ISEE 1 and 2 medium energy particles experiment 8-85811

- Williams, D.L.**, Ritchie, J.L., Hamilton, G.W. Implementation of a digital image superposition algorithm for radionuclide images: An assessment of its accuracy and reproducibility 8-73209
- Williams, D.L.** see Challis, L.J. 8-95115
- Williams, D.L.** see Lewellen, T.K. 8-85444
- Williams, D.N.** Instability of the existence of non-Abelian vector potentials 8-70264
- Williams, D.N.** see Dworkin, L. 8-59158
- Williams, D.T.** see Barber, D.P. 8-78189
- Williams, E.** Tasman Fold Belt System in Tasmania 8-96209
- Williams, E.A.** see Schultz, P.J. 8-80433
- Williams, E.D.**, Boddy, K., Harvey, I., Haywood, J.K. Calibration and evaluation of a system for total body in vivo activation analysis using 14 MeV neutrons 8-53490
- Williams, E.D.**, Cunningham, S.L., Weinberg, W.H. A determination of adatom-adatom interaction energies: Application to oxygen chemisorbed on the tungsten (110) surface 8-67904
- Williams, E.D.**, Cunningham, S.L., Weinberg, W.H. Determination of adatom interaction energies by a Monte Carlo calculation: Oxygen on W(110) 8-71948
- Williams, E.D.** see Hayward, J.K. 8-92697
- Williams, E.G.H.** see Hansl, T. 8-74244, 8-89698, 8-89860
- Williams, E.G.H.** see Holder, M. 8-55103
- Williams, E.R.**, Olsen, P.T. A method of measure magnetic fields accurately using Ampere's law 8-93660
- Williams, E.R.** see Olsen, P.T. 8-93737
- Williams, E.T.** see Finston, H.L. 8-85239
- Williams, F.** see Hudson, R.L. 8-85178
- Williams, F.E.** see Gramling, F.E. 8-73507
- Williams, F.W.**, Wright, C.J. A compact computer program for calculating buckling stresses and natural frequencies of vibration of prismatic plate assemblies 8-90737
- Williams, F.W.** see Hopper, C.T. 8-51102
- Williams, G.** see Carr, S. 8-74042
- Williams, G.** see Cochran, R.W. 8-52243, 8-68018, 8-68158
- Williams, G.** see Ross, R.N. 8-68008
- Williams, G.D.** Rotation of contemporary folds into the X direction during overthrust processes in Laksefjord, Finnmark 8-88812
- Williams, G.P.**, Smith, R.J., Lapeyre, G.J. Symmetry determination of surface states on GaAs (110) using polarization-dependent, angle-resolved photoemission 8-91742
- Williams, G.P.** see Norman, D. 8-95654
- Williams, G.P.** see Smith, R.J. 8-95678
- Williams, H.D.** see Nestor, O.H. 8-59067
- Williams, H.R.** see Culver, S.J. 8-69378
- Williams, I.P.** see Donnison, J.R. 8-93312
- Williams, J.** The effects of climate on energy policy 8-61538
- Williams, J.** Experiments to study the effects on simulated changes in albedo, surface roughness, and surface hydrology 8-81354
- Williams, J.** see Glover, G. 8-88471
- Williams, J.**, Kromer, G., Weingart, J. (editor) Proceedings of a IASA Workshop on Climate and Solar Energy Conversion 8-81352
- Williams, J.A.** The radial light intensity profile in cylindrical photoreactors 8-68901
- Williams, J.A.** see Coleman, M.C. 8-60827
- Williams, J.C.** see DiMarcello, F.V. 8-90531
- Williams, J.C.** see Leach, M.F. 8-62179, 8-62180, 8-62181
- Williams, J.C.** see Thompson, A.W. 8-64654
- Williams, J.D.** see Lennon, C.R.A. 8-64501
- Williams, J.E.C.**, Hay, R.D., Okabayashi, M. Magnet conceptual design for a high field Tokamak reactor 8-54983
- Williams, J.E.C.** see Cohn, D.R. 8-58417
- Williams, J.E.** Flowcs see Ftowcs Williams, J.E.
- Williams, J.F.** High-resolution energy and angular correlations of the scattered and ejected electrons in electron impact ionisation of argon atoms 8-70939
- Williams, J.G.**, Birch, M.W. The impact testing of polymers—a reassessment 8-60770
- Williams, J.G.**, Zvengrowski, P. Spin in kink-type field theories 8-81861
- Williams, J.G.** see Andrews, E.H. 8-92361
- Williams, J.G.** see Birch, M.W. 8-56741
- Williams, J.** Garnett see Garnett Williams, J.
- Williams, J.H., Jr.**, Lee, S.S. Monitoring of elastic stresses by acoustic emission 8-53176
- Williams, J.L.**, Cleaver, J.E. Excision repair of ultraviolet damage in mammalian cells. Evidence for two steps in the excision of pyrimidine dimers 8-53332
- Williams, J.M.** Progress in fusion technology 8-62607
- Williams, J.M.**, Danson, D.P., Janot, C. A Mossbauer determination of the iron core particle size distribution in ferritin 8-92696
- Williams, J.M.** see Brown, R.K. 8-63711
- Williams, J.M.** see Dunlop, J.B. 8-95534
- Williams, J.M.** see Roberto, J.B. 8-51592
- Williams, J.M.** see Roziere, J. 8-58855
- Williams, J.M.** see Schultz, A.J. 8-59789
- Williams, J.M.** see Zielen, A.J. 8-75503
- Williams, J.O.**, Wright, P.J., Elmorsi, M.A. Anodic oxidation of InP and the quaternary alloy $\text{Ga}_{1-x}\text{In}_x\text{As}_y\text{P}_{1-y}$ 8-95823
- Williams, J.O.**, Zboinski, Z. Structural imperfections and the delayed fluorescence of anthracene crystals 8-68551
- Williams, J.O.** see Ebeid, E.-Z.M. 8-84637
- Williams, J.O.** see Parkinson, G.M. 8-83680
- Williams, J.R.**, Gould, R.G., Flynn, D., Robertson, J.B., Little, J.B. Relative survival of hybrid X-ray resistant and normally sensitive mammalian cells exposed to X-rays and protons under aerobic and hypoxic conditions 8-80929
- Williams, J.R.** see Parks, N.J. 8-65092
- Williams, J.S.** see Bean, J.C. 8-84078
- Williams, J.S.** see Bottiger, J. 8-58557
- Williams, J.S.** see Whitton, J.L. 8-59843
- Williams, K.** Anisotropic fracture of a hot-stretched acrylic thermoplastic 8-76763
- Williams, K.** see Reid, C.N. 8-57720
- Williams, L.**, Bush, M. Discrimination by young infants of voiced stop consonants with and without release bursts 8-61207
- Williams, L.E.** see Mitchell, A.S. 8-87234
- Williams, M.A.** Direct deposition autoradiography: can it really be detecting radioactivity? 8-77167
- Williams, M.A.J.** see Talbot, M.R. 8-81225
- Williams, M.F.** see Murray, E.R. 8-69525
- Williams, M.L.**, Anderson, G.P. Adhesive fracture mechanics 8-60773
- Williams, M.L.** see Breitting, S.M. 8-59342
- Williams, M.M.R.** The path length distribution function in a heterogeneous medium 8-87694
- Williams, M.W.** see Arakawa, E.T. 8-87129
- Williams, N.** A high-current ion source for implantation applications 8-66005
- Williams, P.** see Gat, A. 8-91345
- Williams, P.** see Needham, P.J. 8-57982
- Williams, P.G.** see Arik, M. 8-62453
- Williams, P.J.S.** see Beynon, W.J.G. 8-81503
- Williams, P.S.** see Roxburgh, I.W. 8-57584
- Williams, R.**, Crandall, R.S., Bloom, A. Use of carbon dioxide in energy storage 8-92490
- Williams, R.D.**, Greenhouse, N.A. A short radiological emergency response training program 8-57080
- Williams, R.E.**, Woolf, N.J., Hege, E.K., Moore, R.L., Kopriva, D.A. The shell around Nova DQ Herculis 1934 8-93253
- Williams, R.E.** see Adams, M.T. 8-89248
- Williams, R.E.** see Harms, R.J. 8-93303
- Williams, R.E.** see Weymann, R.J. 8-57682
- Williams, R.E.** see Wilkerson, M.S. 8-93447
- Williams, R.G.** A study of the energetics of a particular Sun-weather relation 8-81285
- Williams, R.G.**, Gerety, E.J. Does the troposphere respond to day-to-day changes in solar magnetic field? 8-88888
- Williams, R.H.** The electronic structure of tin diselenide containing cyclopropylamine 8-84698
- Williams, R.H.** Electron spectroscopy of surfaces 8-92169
- Williams, R.H.**, Montgomery, V., Varma, R.R. Chemical effects in Schottky barrier formation 8-91753
- Williams, R.H.**, Parke, A.W. The band structure of SnSe_2 by angle-resolved photoelectron spectroscopy 8-72680
- Williams, R.H.** see McGovern, I.T. 8-52643
- Williams, R.H.** see Montgomery, V. 8-56036
- Williams, R.J.** see Daniels, T.C. 8-51167
- Williams, R.J.** see John, T.L. 8-53930
- Williams, R.K.** Glass capillary for high resolution NMR measurements at pressures up to 400 MPa 8-65950
- Williams, R.N.** see Bursey, J.T. 8-80799
- Williams, R.S.**, Wehner, P.S., Kevan, S.D., Davis, R.F., Shirley, D.A. Identification of a surface state on the (111) terraces of stepped Cu(211) 8-84697
- Williams, R.S.**, Wehner, P.S., Stohr, J., Shirley, D.A. Electron refraction and light polarization effects in angle-resolved photoemission spectra of Cu surfaces using 45 eV radiation 8-72700
- Williams, R.S.** see Sasaki, T. 8-64444
- Williams, R.S.** see Serabian, S. 8-88596
- Williams, R.S.** see Shirley, D.A. 8-52633
- Williams, R.S.** see Stohr, J. 8-52626, 8-95681
- Williams, R.S.** see Wehner, P.S. 8-80453
- Williams, R.T.** Photochemistry of F-center formation in halide crystals 8-63763
- Williams, R.T.**, Kabler, M.N., Schneider, I. A search for infrared absorption by self-trapped excitons in sodium chloride 8-56473
- Williams, R.W.** see Oliver, W.P. 8-89857
- Williams, S.A.**, Pao-Liu Chow Nonlinear reaction-diffusion models for interacting populations 8-65886
- Williams, S.A.** see Shih, L.L. 8-66249
- Williams, T.H.**, Lee, R.M., Barnett, M.E. Television techniques in image processing 8-93005
- Williams, T.L.** Standard reference lenses for the infrared 8-50898
- Williams, T.L.** Quality assurance of aspheric surfaces 8-50962
- Williams, T.L. (editor)** Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.98. Assessment of Imaging Systems 8-50718
- Williams, T.L. (editor)** Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.109. Advances in Optical Production Technology 8-50954
- Williams, T.M.** see Arkell, D.R. 8-71762
- Williams, T.M.** see Hayns, M.R. 8-71763
- Williams, T.M.** see Hudomalj-Gabitzsch, J. 8-70385
- Williams, T.M.** see Mutchler, G.S. 8-70387
- Williams, T.P.**, Gale, J.G. 'Compression' of retinal responsivity: V-log I functions and increment thresholds 8-61181
- Williams, T.R.** Physics in intensive care 8-49622
- Williams, V.**, Meadows, A.J. Eddy current torques, air torques, and the spin decay of cylindrical rocket bodies in orbit 8-93074
- Williams, V.L.**, Fleig, G.J. A7method for cleaning low scatter mirrors after exposure to silicone oil 8-59167
- Williams, W.**, Cheeseborough, J.C., III, Trajmar, S. Elastic and inelastic scattering of electrons by atomic manganese 8-70934
- Williams, W.**, Trajmar, S. Electron impact excitation of magnesium at 10, 20 and 40 eV impact energies 8-70940
- Williams, W.G.** see Carille, C.J. 8-82564
- Williams, W.G.** see Freeman, F.F. 8-54502
- Williams, W.G.** see Hayter, J.B. 8-54501
- Williams, W.G.** see Jones, T.J.L. 8-70668
- Williams, W.J.** see Goldman, A. 8-61493
- Williams, W.S.** see Klein, M.V. 8-52500
- Williams, W.S.** see Yost, G.H. 8-64751
- Williams, W.S.C.** see Gordon, B.A. 8-82216
- Williams-Norton, M.E.** see Abegg, R. 8-78391
- Williamson, C.F.**, Rad, F.N., Kowalski, S., Heisenberg, J., Crannell, H., O'Brien, J.T., Lee, H.C. Electroexcitation of the ground-state rotational band in ^{19}F 8-66191
- Williamson, D.L.**, Dale, J.H., Josephson, W.D., Roberts, L.D. Systematics of the pressure dependence of the electron density at the nucleus for the elements Ag through Te: Pressure dependence of the Mossbauer shift for Sn and Sb 8-56411
- Williamson, D.L.** see Lauer, J. 8-52398
- Williamson, G.G.** see Oliver, D.A. 8-81313
- Williamson, J.R.** see Cohen, S.M. 8-61150
- Williamson, K.D., Jr.** see Hansborough, L.D. 8-55744
- Williamson, R.G.** see Felsentregre, T.L. 8-61307
- Williamson, R.G.** see Marsh, J.G. 8-65478
- Williamson, R.H.**, Erkins, J.H., Cantrell, A. Peak short term dustfall from dust generating industry: its measurement and assessment and effect on residential development 8-81386
- Williamson, R.H.**, Hanrahan, E.J. Energy modeling and forecasting at the US energy research and development administration 8-49629
- Williamson, S.J.**, Kaufman, L. Application of SQUID detectors in biomagnetism 8-96061
- Williamson, W., Jr.**, Foster, G., Kwong, R. Glauber exchange amplitudes for the scattering of electrons from hydrogenlike ions 8-74772
- Willig, F.** see Charle, K.-P. 8-80001
- Willigen, H.** Van see Van Willigen, H.
- Willis, A.**, Ovazza, D., Morlet, M., Marty, N., Martin, P., De Saintignon, P., Buener, M. Search for analogs of isovector resonances excited by the $(^3\text{He}, t)$ charge exchange reaction at 80 MeV 8-50184
- Willis, A.** see Heap, S.R. 8-96474
- Willis, A.G.** The large scale structure of extragalactic radio sources (>1 arcsecond) 8-57668
- Willis, A.G.**, Wilson, A.S., Strom, R.G. Polarization in the very large radio galaxy NGC 6251 at 610 MHz 8-61918
- Willis, A.G.** see Strom, R.G. 8-86031
- Willis, A.J.** see Dupree, A.K. 8-96569
- Willis, B.T.M.** see Hazell, R.G. 8-91288
- Willis, C.** see Back, R.A. 8-78717
- Willis, C.** see Selwyn, L. 8-85176
- Willis, C.R.** Derivation of a master equation for optical bistability 8-74873
- Willis, D.E.** Column switching technique for gas chromatographic analysis 8-92530
- Willis, D.M.** The magnetopause: microstructure and interaction with magnetospheric plasma 8-61673
- Willis, D.M.** Atmospheric water vapour of extraterrestrial origin: a discussion of its possible role in Sun-weather relationships 8-69416
- Willis, D.N.** see Cardwell, G.L. 8-50381
- Willis, H.A.** see Betheridge, D. 8-53300
- Willis, H.A.** see Cutler, D.J. 8-72517
- Willis, J.** see Kallemeyn, G.W. 8-96443
- Willis, J.O.** see Waterstrat, R.M. 8-60571
- Willis, J.R.** see Edmunds, T.M. 8-51127

- Willis, R.F. Secondary electron emission spectroscopy in relation to low-energy electron diffraction 8-84689
- Willis, R.F., Feuerbacher, B. Photoemission from metals 8-95670
- Willis, R.F. *see* Feuerbacher, B. 8-95663
- Willis, R.F. *see* Ho, W. 8-63922
- Willis, R.F. *see* Feuerbacher, B. (editor) 8-95662
- Willis, W.J. *see* Cobb, J.H. 8-62469, 8-89749
- Willmann, G., Heimke, G. Thermal etching of α -alumina and Na- β -alumina 8-60934
- Willmarth, W.W. *see* Kastrinakis, E.G. 8-90854
- Willmore, A.P. The cosmic X-ray sources 8-69915
- Willmott, A.J. *see* Burns, A. 8-59389
- Willms, H. *see* Giesen, B. 8-64582
- Willner, H. *see* Haas, A. 8-74662
- Willner, S.P. *see* Puetter, R.C. 8-93266
- Wills, B.J. *see* Busby, T.S. 8-95821
- Wills, D. Clustering, pairing and anisotropy of QSOs 8-57689
- Wills, D. Improved optical positions of objects associated with extended radio sources 8-93444
- Wills, D., Lynds, R. Studies of new complete samples of quasi-stellar radio sources from the 4C and Parkes catalogs 8-65714
- Wills, J.G. *see* Lichtenberg, D.B. 8-61985
- Wills, R.D. *see* Bucher, R. 8-85966
- Wills, R.D. *see* Swanenburg, B.N. 8-93454
- Willshaw, D.J. *see* Lee, B.B. 8-69059
- Willsky, A.S. *see* Gustafson, D.E. 8-77141, 8-77142
- Willson, A.J. The interfacial waves launched by an explosive line-source in a submerged elastic half-space 8-75088
- Willson, R.F. *see* Lang, K.R. 8-54019, 8-93356
- Willutzki, H.J. *see* Hansl, T. 8-74244, 8-89698
- Willutzki, H.-J. *see* Hansl, T. 8-89860
- Willutzki, H.-J. *see* Holder, M. 8-55103
- Willutzky, M. *see* Alibrán, P. 8-50026
- Willwater, R. *see* Backe, H. 8-50197, 8-62873
- Willwater, R. *see* Daly, P.J. 8-93964
- Wilmanski, K. Continuity of fluxes in thermodynamics 8-49783
- Wilmes, H. *see* Bevington, P.R. 8-78207
- Wilmoth, R.G., Fisher, S.S. Stay time measurements for Xe, Kr, and CO₂ physisorbing on Ni and Cu surfaces 8-56044
- Wilmsen, C.W., Kee, R.W. The improvement of grown oxides for the surface protection of III-V compounds [by ion implantation] 8-79622
- Wilmsen, C.W., Kee, R.W. Analysis of the oxide/semiconductor interface using Auger and ESCA as applied to InP and GaAs 8-95980
- Wilmsen, C.W. *see* Kee, R.W. 8-95375
- Wilquet, G. *see* Nowak, R.J. 8-78213
- Wilsdorf, H.G.F. *see* Gardner, R.N. 8-64655
- Wiley, N.D. *see* Kennedy, T.A. 8-95519
- Wilshire, B. *see* Dennison, J.P. 8-64666
- Wilshire, B. *see* Elliott, I.C. 8-88531
- Wilska-Jeszka, J. Comparative studies on the resistance of group B vitamins to γ -irradiation 8-76890
- Wilski, H. The specific heat of Duroplast material 8-75845
- Wilson, A.D. Comparison of dynamic tear and Charpy-V-notch impact properties of plate steels 8-92357
- Wilson, A.D. *see* North, A.M. 8-95545, 8-95546
- Wilson, A.E. *see* Santee, G.E., Jr. 8-83508
- Wilson, A.J., Seller, S.E. Reaction time to scotopic flashes of light 8-77053
- Wilson, A.J.C. On the probability of measuring the intensity of a reflexion as negative 8-55781
- Wilson, A.S., Meurs, E.J.A. Accurate optical positions of Seyfert galaxies 8-89254
- Wilson, A.S. *see* Strom, R.G. 8-86031
- Wilson, A.S. *see* Ward, M.J. 8-89273
- Wilson, A.S. *see* Willis, A.G. 8-61918
- Wilson, A.T. Pioneer agriculture explosion and CO₂ levels in the atmosphere 8-53717
- Wilson, B.A., Hegarty, J., Yen, W.M. Biexciton decay in MnF₂ 8-75999
- Wilson, D.B., Rees, M.J. Induced Compton scattering in pulsar winds 8-96497
- Wilson, D.F. *see* Owen, C.S. 8-57154
- Wilson, D.L. *see* Fisher, C.G. 8-65974
- Wilson, D.M., Cole, P.T., Whittington, K.R. Electromagnetic-acoustic techniques for internal and surface inspection of round steel bars 8-60973
- Wilson, E.A. *see* Edwards, B.C. 8-76745
- Wilson, E.J.N. The importance of non-linearities in modern proton synchrotrons 8-78897
- Wilson, F.G., Desforges, C.D., Knott, B.R. Preparation and properties of some ODS Fe-Cr-Al alloys 8-52720
- Wilson, F.G., Rees, G.J. Preparation and properties of some (Ti,V)C carbides 8-64518
- Wilson, G.L. *see* Fenlon, F.H. 8-66973
- Wilson, H. *see* Kuppers, D. 8-95699
- Wilson, H.R. Quantitative prediction of line spread function measurements: implications for channel bandwidths 8-65030
- Wilson, I.D.L. A-type doubling and spin-doubling in HF⁺ 8-74633
- Wilson, I.D.L. A-type doubling in the molecules ¹⁴NH⁺, ¹⁵NH⁺, and ¹⁴ND⁺ 8-82714
- Wilson, I.H. *see* Stephens, K.G. 8-71752
- Wilson, I.H. *see* Stephens, K.G. (editor) 8-66444
- Wilson, J., Andrews, L.T., Parekh, R., Pinheiro, M.L. A simple computerized method for generation of dichotic tapes 8-92740
- Wilson, J.A. Carrier-lattice coupling in TiSe₂ and TiSe₂ 8-63822
- Wilson, J.A. Questions concerning the form taken by the charge-density wave and the accompanying periodic-structural distortions in 2H-TaSe₂, and closely related materials 8-72094
- Wilson, J.A. *see* Berglund, A. 8-66160
- Wilson, J.A. *see* Corden, M.J. 8-62470
- Wilson, J.B. *see* Wintz, P.A. 8-61626
- Wilson, J.F., Garg, D.P. Frequencies of annular plate and curved beam elements 8-63348
- Wilson, J.I.B., McGill, J., Weaire, D. Recent progress in thin-film solar cells 8-80016
- Wilson, J.L. *see* Dunn, A.G. 8-84616
- Wilson, J.R. *see* Damour, T. 8-57573
- Wilson, J.R. *see* Norman, M.L. 8-93205
- Wilson, J.W., DeYoung, R.J. Power density in direct nuclear-pumped ³He lasers 8-58980
- Wilson, J.W., DeYoung, R.J. Power deposition in volumetric ²³⁵UF₆-He fission-pumped nuclear lasers 8-58987
- Wilson, K. *see* French, S. 8-75486
- Wilson, K.L., Baskes, M.I. Thermal desorption of deuterium-implanted stainless steel 8-71750
- Wilson, K.L., Baskes, M.I. Deuterium trapping in irradiated 316 stainless steel 8-95069
- Wilson, K.L., Thomas, G.J., Bauer, W. The response of plasma-sprayed beryllium to He⁺ bombardment 8-86691
- Wilson, K.L. *see* Bauer, W. 8-86690
- Wilson, K.L. *see* Borders, J.A. 8-95630
- Wilson, K.L. *see* Thomas, G.J. 8-82516, 8-95073
- Wilson, K.S. *see* Weber, I.T. 8-80830
- Wilson, L., Sparks, R.S.J., Huang, T.C., Watkins, N.D. The control of volcanic column heights by eruption energetics and dynamics 8-61381
- Wilson, L. *see* Sparks, R.S.J. 8-61380
- Wilson, L.E., Suchard, S.N., Steinfeld, J.I. (editor) Third Summer Colloquium on Electronic Transition Lasers 8-63076
- Wilson, L.J. *see* Tweedle, M.F. 8-70170
- Wilson, L.O. On interpreting a quantity in the Burton, Prim and Slitcher equation as a diffusion boundary layer thickness 8-87636
- Wilson, L.O., Morrison, J.A. Wave propagation in piezoelectric rods of hexagonal crystal symmetry 8-56429
- Wilson, L.W. *see* Heckman, H.H. 8-66315
- Wilson, M. Ab initio calculation of isotope shifts in Ce II 8-90096
- Wilson, M.N. *see* Edwards, V.W. 8-89507
- Wilson, N.M. Digital signal-processing techniques for laser Doppler velocimetry 8-59520
- Wilson, O.C. *see* Vaughan, A.H. 8-73646
- Wilson, P.M.H. *see* Crees, M.A. 8-86948
- Wilson, P.R. Hydromagnetic waves in magnetic flux tubes 8-69789
- Wilson, P.W. *see* Levy, J.H. 8-91321
- Wilson, R. *see* Boggess, A. 8-96382, 8-96383
- Wilson, R. *see* Boksenberg, A. 8-96540
- Wilson, R. *see* Cavaignac, J.F. 8-62527
- Wilson, R. *see* Dupree, A.K. 8-96569
- Wilson, R. *see* Gordon, B.A. 8-82216
- Wilson, R. *see* Grewing, M. 8-96524
- Wilson, R. *see* Heap, S.R. 8-96474
- Wilson, R. *see* Lane, A.L. 8-93133
- Wilson, R. *see* Linsky, J.L. 8-96475
- Wilson, R. *see* Nandy, K. 8-93382
- Wilson, R.B., Cruse, T.A. Efficient implementation of anisotropic three dimensional boundary-integral equation stress analysis 8-90714
- Wilson, R.C. *see* Byron, D.J. 8-75815
- Wilson, R.E. Turbulent boundary-layer temperature profiles and Reynolds analogy 8-87337
- Wilson, R.G. Intense ion beams for implantation 8-66004
- Wilson, R.G. *see* Weglein, R.D. 8-63259
- Wilson, R.H., Jr. Magnetic effects on space vehicles and other celestial bodies 8-69645
- Wilson, R.L. *see* Dagle, P. 8-73306
- Wilson, R.L. *see* Lepowsky, J. 8-89626
- Wilson, R.M. *see* Krall, K.R. 8-53913
- Wilson, R.M. *see* Teuber, D.L. 8-53904
- Wilson, R.N. *see* Mills, A.L. 8-70246
- Wilson, S. Diagrammatic many-body perturbation expansion for atoms and molecules. III. Third-order ring energies 8-50456
- Wilson, S. On the group function model for molecular electronic structure 8-62700
- Wilson, S.D.R. *see* Jones, A.F. 8-71387
- Wilson, S.R. *see* Nichols, D.H. 8-74486
- Wilson, S.R. *see* Ward, G.K. 8-70235
- Wilson, T. *see* Gannaway, J.N. 8-79618
- Wilson, T. *see* Sheppard, C.J.R. 8-58923, 8-71185, 8-86328
- Wilson, T.L., Pankonin, V., Dickey, J. HI, OH and H₂O absorption line measurements toward the galactic H II region G48.6+0.0 8-85996
- Wilson, T.L. *see* Jaffe, D.T. 8-93371
- Wilson, T.M. *see* Merkle, L.D. 8-80391
- Wilson, T.R.S. Evidence for denitrification in aerobic pelagic sediments 8-77214
- Wilson, W.A. *see* Cote, I.L. 8-80866
- Wilson, W.D. *see* Baskes, M.I. 8-67754
- Wilson, W.D. *see* Haggmark, L.G. 8-95627
- Wilson, W.E. Chemical characterization of aerosols: progress and problems 8-68969
- Wilson, W.J. Kaon-electron correlations in the semileptonic decays of D mesons 8-78179
- Wilson, W.J. *see* Dickel, J.R. 8-89232
- Wilson, W.J. *see* Shimabukuro, F.I. 8-57256
- Wilson, W.K., Osias, J.R. A comparison of finite element solutions for an elastic-plastic crack problem 8-79263
- Wilson, W.L. *see* Marowsky, G. 8-66820, 8-74898
- Wilson, W.L., Jr. *see* Chen, C.T. 8-64234
- Wilson, W.L., Jr. *see* Marowsky, G. 8-58984
- Wilson, W.R. *see* Eilers, R.E. 8-65048
- Wilson, W.S. *see* Stewart, R.H. 8-77337
- Wilson-Gordon, A.D. *see* Freidmann, H. 8-82738
- Wilson-Gordon, A.D. *see* Friedmann, H. 8-78734
- Wilton, D.H. *see* Strong, D.F. 8-57200
- Wilton, D.R. *see* Glisson, A.W. 8-62984
- Wilton, D.R. *see* Govind, S. 8-62991
- Wiltshire, M.C.K., Hayes, W. Magnetic excitations in Fe_{1-x}Mg_xCl₂ 8-91852
- Wiltshire, M.C.K. *see* Bleaney, B. 8-80226
- Wimmer, M. Viscous flow in a gap between a rotating plate and a fixed container 8-90919
- Wimp, J. The computation of Borel-type sums arising in scattering theory 8-57823
- Winand, L. *see* Delbrouck-Habaru, J.-M. 8-70669
- Winch, T.R. *see* Pruett, C.H. 8-62234
- Winchell, H.S. *see* Winstead, M.B. 8-80965
- Winchester, J.W. *see* Lawson, D.R. 8-57245
- Winchester, J.W. *see* Pilotte, J.O. 8-73546
- Winckler, E. *see* Schonherr, E. 8-56574
- Winckler, J.R. *see* Hallinan, T.J. 8-89036
- Winckler, J.R. *see* Kaye, S.M. 8-89003
- Winckler, J.R. *see* Walker, R.J. 8-77428
- Wind, H. An improvement to iterative tracking for momentum determination 8-70723
- Windawi, H. Inexpensive portable Cu₂S-CdS radiometer 8-53763
- Windawi, H., Katzer, J.R. H₂⁺ ion induced desorption of sulfur adsorbed on polycrystalline Ni surfaces 8-84069
- Windberg, P. *see* Szabados, L. 8-82431, 8-82432
- Windel, B. *see* Brunnee, C. 8-78026
- Windey, P. *see* Englert, F. 8-58157
- Windham, B. *see* Rossing, T.D. 8-61975
- Windhorn, T.H. *see* Feng, M. 8-64483
- Windhorst, J. *see* Adam, D. 8-80861
- Windhorst, U., Adam, D., Inbar, G.F. The effects of recurrent inhibitory feedback in shaping discharge patterns of motoneurons excited by phasic muscle stretches 8-85303
- Windischbauer, G., Keck, G. Dynamic representation of surfaces by TV moire topography 8-89430
- Windischbauer, G. *see* Holler, W. 8-80992
- Windle, A.H. *see* Thomas, N. 8-76922
- Windley, B.F., Davies, F.B. Volcano spacings and lithospheric/crustal thickness in the Archaean 8-65225
- Windmolders, R. *see* Ajinenko, I.V. 8-58206
- Windmolders, R. *see* Granet, P. 8-93913
- Window, B., Ritchie, I.T., Cathro, K. Selective electroplated chromium blacks 8-87111
- Windsch, W. *see* Brunner, W. 8-80208
- Windsch, W. *see* Milsch, B. 8-91939
- Windsch, W. *see* Volkel, G. 8-84476
- Windscheif, J. *see* Dorner, B. 8-79810
- Windsor, C.G., Boudreaux, D.S., Narasimhan, M.C. A search for anisotropy in the structure factor of amorphous Pd₄₀Si₆₀ ribbon 8-87619
- Windsor, C.G., Heenan, R.K., Boland, B.C., Mildner, D.F.R. A constant Q spectrometer for pulsed neutron sources 8-58532
- Windsor, C.G., Saunderson, D.H., Sherwood, J.N., Taylor, D., Pawley, G.S. Lattice dynamics of adamantane in the disordered phase 8-55923
- Windsor, C.G. *see* Boland, B.C. 8-86721
- Windsor, C.G. *see* Loveluck, J.M. 8-80155
- Windsor, C.G. *see* Mildner, D.F.R. 8-70666
- Windsor, D.L., Denton, M.B. Evaluation of inductively coupled plasma optical emission spectrometry as a method for the elemental analysis of organic compounds 8-76936
- Windsor, E.P.L., Mooney, H.McD. Microwave scanning radiometry (applications) 8-73551

- Wine, J.J.**, Hagiwara, G. Durations of unitary synaptic potentials help time a behavioral sequence 8-61161
- Winefordner, J.D.** Principles, methodologies, and applications of atomic fluorescence spectrometry 8-69927
- Winefordner, J.D.** *see* Boutilier, G.D. 8-82680
- Winefordner, J.D.** *see* Michel, R.G. 8-83061
- Winefordner, J.D.** *see* Vo Dinh, T. 8-95972
- Winefordner, J.D.** *see* Weeks, S.J. 8-61073, 8-86908
- Winegarner, R.** *see* Hahn, R. 8-79096
- Wineland, D.J.**, Drullinger, R.E., Walls, F.L. Radiation-pressure cooling of bound resonant absorbers 8-66527
- Wineland, D.J.**, Howe, D.A., Mohler, M.B. Results with the special-purpose ammonia frequency standard 8-57913
- Wineland, D.J.** *see* Garvey, R.M. 8-89596
- Wineman, A.** On axisymmetric deformations of nonlinear viscoelastic membranes 8-90808
- Winer, A.M.** *see* Graham, R.A. 8-68887
- Winer, I.M.** Calculated temperature dependences of silver and gold absorptions in the infrared 8-74953
- Wing, R.F.** *see* Linsky, J.L. 8-96475
- Wing, R.F.** *see* White, N.M. 8-53936
- Wing, W.H.** Laser spectroscopy of the hydrogen molecular ion HD^+ 8-82733
- Wing, W.H.** *see* Spezeski, J.J. 8-89594
- Wing-Cheung Tam, Wong, S.F.** Dissociative attachment of halogen molecules by 0-8 eV electrons 8-74776
- Wing-Huen Ip** A note on the problem of jet stream formation 8-69711
- Wingender, H.J.** Risk analysis of radioactive waste management systems in Germany 8-50272
- Winget, C.M.** *see* Vernikos-Danellis, J. 8-53536
- Wingett, C.M.** *see* Wegmann, H.M. 8-85813
- Winiarska, A.** *see* Slebarski, A. 8-95440
- Winick, H.**, Helm, R.H. Standard wiggler magnets 8-62670
- Winick, H.** *see* Lindau, I. 8-78051
- Winicour, J.** *see* Dubisch, R. 8-93570
- Winicur, D.H.** Molecular asymmetry: a correlation between the anisotropy parameter of the polarisability and the shape of the electron-density contour diagram 8-66681
- Winicur, D.H.** *see* Fraites, J.L. 8-58773
- Winiger, P.**, Halter, J. Retrospective view on alarm and surveillance during the Lucens reactor incident 8-50283
- Winiger, P.** *see* Brunner, H. 8-57078
- Winje, R.** *see* Deitz, A. 8-66385, 8-70639
- Winkelmann, E.** *see* Alder, J.C. 8-62576
- Winkelmann, E.** *see* Bevington, P.R. 8-78207
- Winkelmann, I.**, Jagersberger, H. Monitoring of airborne releases from LWR power plants in the Federal Republic of Germany 8-89988
- Winkler, A.** *see* Rendulic, K.D. 8-63937
- Winkler, C.**, Love, J.D., Ghatk, A.K. Power attenuation in bent parabolic-index slab and fibre waveguides 8-87134
- Winkler, C.** *see* Knopp, R. 8-73198, 8-88737
- Winkler, C.** *see* Love, J.D. 8-63176, 8-66922, 8-74979, 8-79103, 8-83103
- Winkler, G.** Precise measurement of the $^{63}\text{Cu}(\text{n},\alpha)^{60}\text{Co}$ cross section with 14-MeV neutrons 8-74359
- Winkler, G.** *see* Citron, A. 8-89589
- Winkler, H.**, Hanisch, S. Proton spin relaxation of molecules adsorbed in NaY and NaPY zeolite; the influence of adsorbed water on the distribution of atomic platinum 8-88216
- Winkler, J.** *see* Gallo, M. 8-57936
- Winkler, K.**, Schulz, U., Hein, K. Contribution on the distribution of the principle components in the growth of $\text{A}^{\text{B}}\text{B}^{\text{C}}\text{V}_2$ compounds from the gas phase, represented by the example of ZnSiP_2 8-64452
- Winkler, K.** *see* Kowalski, J. 8-82706
- Winkler, K.** *see* Krause, E. 8-89431
- Winkler, P.** Electron scattering resonances using dilatation transformations. II. Restricted perturbation methods 8-50639
- Winkler, P.J.** *see* Dahl, W. 8-84900, 8-84901
- Winkler, R.**, Michel, P., Wilhelm, J. Theoretical determination of the electron-atom-bremsstrahlung continuum in the decaying medium pressure columns of Ne and Ar, compared with experiment 8-83626
- Winkler, R.**, Wilhelm, J. The collision dominated final periodic state of the electron ensemble and its adjustment in a periodic electric field 8-71426
- Winkler, R.**, Wilhelm, J., Starykh, V.V. Collision dominated electron distribution function with turbulent heating in the H_2 plasma 8-71509
- Winkler, R.** *see* Michel, P. 8-63620, 8-67500
- Winkler, R.** *see* Pfau, S. 8-91171
- Winkler, R.** *see* Wilhelm, J. 8-83564
- Winkler, S.** *see* Kalthoff, J.F. 8-72867
- Winn, D.R.** *see* Benvenuti, A. 8-82196
- Winn, D.S.** *see* Forney, L.J. 8-63472
- Winn, J.S.** *see* Hartman, D.C. 8-61014
- Winn, K.R.** *see* Lieber, A.J. 8-59155
- Winn, W.P.**, Moore, C.B., Holmes, C.R., Byerley, L.G., III Thunderstorm on July 16, 1975, over Langmuir laboratory: a case study 8-85636
- Winnacker, A.**, Dubbers, D., Fujara, F., Dorr, K., Ackermann, H., Grupp, H., Heitjans, P., Korblein, A., Stockmann, H.-J. Very narrow nuclear magnetic resonance lines of ^7Li ($T_{1/2}=0.84$ s) in solids by double frequency irradiation, and the hyperfine structure anomaly $^7\text{Li}-^7\text{Li}$ 8-91994
- Winnberg, A.**, Walmsley, C.M., Churchwell, E. Detection of the $^2\Pi_{3/2}$, $J=9/2$ Λ -doublet line of OH 8-65670
- Winnberg, A.** *see* Goss, W.M. 8-57619
- Winnewisser, G.** *see* Churchwell, E. 8-69858
- Winnewisser, G.** *see* Gardner, F.F. 8-73745
- Winney, P.E.** The modal properties of model and full scale cooling towers 8-83291
- Winograd, N.**, Garrison, B.J., Harrison, D.E., Jr. Angular distributions of ejected particles from ion-bombarded clean and reacted single-crystal surfaces 8-95643
- Winograd, N.** *see* Garrison, B.J. 8-92157
- Winograd, N.** *see* Harrison, D.E., Jr. 8-88396
- Winsberg, L.** The analysis of thick-target thick-catcher nuclear recoil experiments 8-55115
- Winsberg, L.** Ranges of projectiles with $8 \leq Z \leq 20$ in Ti, Fe, Ni, Cu, Ag, and Au for energies of 0.0125 to 12.0 MeV/nucleon 8-83856
- Winscom, C.J.** *see* Dinse, K.P. 8-50561
- Winscom, C.J.** *see* Mayas, L. 8-90195
- Winske, D.**, Liewer, P.C. Particle simulation studies of the lower hybrid drift instability 8-67404
- Winske, P.** *see* Ploumen, P. 8-86631
- Winsor, H.V.** *see* Enrique Bernal, G. (editor) 8-82976
- Winsor, N.** *see* Hui, B.H. 8-67313
- Winstead, M.B.**, Chuen-Ing Chern, Tz-Hong Lin, Khentigan, A., Lamb, J.F., Winchell, H.S. Synthesis and preliminary scintigraphic evaluation of in vivo distribution of ^{11}C -lactic acid and ^{11}C -lactonitrile 8-80965
- Winston, R.** Ideal flux concentrators with reflector gaps 8-66880
- Winston, R.**, Welford, W.T. Two-dimensional concentrators for inhomogeneous media 8-63167
- Winston, R.** *see* Keene, J. 8-55422
- Winston, R.** *see* Welford, W.T. 8-66885
- Winston, R.**, Mlavsky, A.I. (editor) Proceedings of the Society of Photo-Optical Instrumentation Engineers, vol.114. Optics Applied to Solar Energy Conversion 8-50891
- Winsum, J.A.** *see* van Winsum, J.A.
- Wintemberger, M.**, Buevoz, J.L. Magnetic structure of zinc blende type FeS 8-91846
- Wintemberger, M.**, Srour, B., Meyer, C., Hartmann-Boutron, F., Gros, Y. Crystallographic and Mossbauer study of zinc blende type FeS 8-87650
- Winter, A.T.** Nucleation of persistent slip bands in cyclically deformed copper crystals 8-72830
- Winter, A.T.**, Mahajan, S., Brasen, D. Weak-beam electron microscopy of faulted dipoles in deformed silicon 8-59814
- Winter, D.A.**, Robertson, D.G.E. Joint torque and energy patterns in normal gait 8-80897
- Winter, D.A.** *see* Kerridge, J.F. 8-65515
- Winter, D.A.** *see* Quanbury, A.O. 8-80994
- Winter, E.**, Veith, G., Schmidt, A.J. Two orthogonal polarized wavelengths generated in a N_2 -laser pumped dye laser 8-50792
- Winter, E.M.**, Smith, M.C. Processing techniques for infrared astronomical surveys 8-81553
- Winter, G.**, Doring, J., Funke, L., Kemnitz, P., Will, E., Elfstrom, S., Hjorth, S.A., Johnson, A., Lindblad, Th. Evidence for rotational band structures in the N=88 nuclide ^{153}Tb 8-62552
- Winter, G.** *see* Dubbers, F. 8-78312
- Winter, G.** *see* Steiner, U. 8-53197
- Winter, G.G.** *see* Alexander, G. 8-74251, 8-89766
- Winter, G.G.** *see* Berger, Ch. 8-62414, 8-89725
- Winter, J.** Modification of dispersion relations and generalization of the Hartree-Fock method for hard-core interactions in nuclear matter 8-54713
- Winter, J.** *see* Weigel, M.K. 8-89810
- Winter, J.J.**, Rothwarf, F., Leupold, H.A., Breslin, J.T. Variable temperature multimode magnetometer 8-74037
- Winter, M.** *see* Billings, B.L. 8-65046
- Winter, M.** *see* Dyke, J. 8-50577
- Winter, N.** *see* Bender, C. 8-59002
- Winter, N.W.** *see* Bender, C.F. 8-74568
- Winter, N.W.** *see* Ermler, W.C. 8-86800
- Winter, N.W.** *see* Rescigno, T.N. 8-63086
- Winter, R.E.**, Prestidge, H.G. A technique for the measurement of the high strain rate ductility of metals 8-80694
- Winterberg, F.** The generation of ultraintense heavy ion beams by radiation cooling in a long drift tube 8-58489
- Winterbottom, J.M.** *see* Poutney, J.M. 8-84398
- Winterling, G.**, Koteles, E.S. Resonant scattering of exciton-polaritons by acoustic phonons 8-60482
- Winterling, G.**, Senn, W., Grimsditch, M., Katiyar, R. Study of ionic motion in $\alpha\text{-AgI}$ by low-frequency light scattering 8-80354
- Winterling, G.** *see* Chang, P.H. 8-92085
- Winterling, G.** *see* Grimsditch, M. 8-72538
- Winternitz, P.** *see* Burdet, G. 8-77759
- Winters, H.F.**, Schlaegel, J., Horne, D. RF induction technique for sample heating in surface science experiments 8-93691
- Winters, H.F.** *see* Coburn, J.W. 8-72905
- Winters, K.H.** *see* Bransden, B.H. 8-86955
- Winters, R.R.**, Malcuit, R.J. The lunar capture hypothesis revisited 8-81570
- Winters, W.**, Barnard, S., Hogan, A. A portable, photo-recording Aitken counter 8-57355
- Wintersgill, M.C.**, Townsend, P.D. The effectiveness of the implantation of oxygen in increasing the luminescence from LiF:Mg:Ti 8-64412
- Winterson, B.J.** *see* Collewijn, H. 8-77052
- Winther, A.** *see* Broglia, R.A. 8-70555
- Winther, A.** *see* Esbensen, H. 8-82372
- Winther, B.A.** *see* Liu, D.D. 8-71360
- Winther, F.** *see* Hollenstein, H. 8-78696
- Wintner, E.**, Karnthaler, H.P. The geometry and formation of faulted dipoles in Cu-Al alloys 8-59809
- Wintz, P.A.**, Gupta, J.N., Hwang, K., Bodenheimer, R.E., Gonzalez, R.C., Rochelle, R.W., Wilson, J.B. Satellite on-board processing for Earth resources data 8-61626
- Winzer, A.** The radiochemical determination of activation energies and the influence of surface active agents on the mass transfer on SrSO_4 1 8-63689
- Winzer, A.** Quantum theoretical calculation of activation energies of mass transfer at phase boundaries of ionic crystals during crystallization processes. I. The determination of activation energies of mass transfer at phase boundaries of readily soluble salts using radioactive tracers 8-67671
- Winzer, A.** The quantum theoretical determination of activation energies for mass transfer at phase boundaries of ionic crystals during crystallization processes. II. The determination of activation energies on a quantum theoretical basis 8-67673
- Winzer, A.** Investigation of the mass transfer processes in strontium sulphate freshly precipitated from mixed solvents. II 8-67674
- Wio, H.S.**, Lopez, A., Alasio, B. Demagnetization through level crossing: The effect of charge fluctuations 8-52193
- Wippermann, F.** Estimates of the geostrophic large-scale drag coefficient 8-61488
- Wiramahardja, S.D.** *see* Hidayat, B. 8-53955, 8-96512
- Wire, G.L.** *see* Chin, B.A. 8-80600
- Wirgin, A.** On the possibility of non-redundant spectral tunneling through a periodic transmission structure at total reflection—applications to the study of the Smith-Purcell effect 8-78906
- Wirgin, A.** High-efficiency frequency-modulation non-redundant scanning of a light beam in a half space 8-78907
- Wiringa, R.B.**, Pandharipande, V.R. A variational theory of nuclear matter. II 8-58244
- Wirkner, H.** *see* Thiele, G. 8-79588
- Wirsig, M.** *see* Dienemann, H. 8-71505
- Wirth, C.J.** *see* Breitfeld, W. 8-81070
- Wirth, G.** *see* Schadel, M. 8-78408
- Wirth, J.L.** Random half-tone contact screens the distributions of whose transmittance are controlled to obtain desired tone reproduction 8-66775
- Wirtz, G.P.** *see* Janacek, J.J. 8-79580
- Wirtz, P.** *see* Bieselt, R. 8-50292
- Wirtz, P.** *see* Hanle, W. 8-70799
- Wiscicki, W.** *see* Czajkowski, A. 8-70101
- Wise, C.E.** Reason enough for the breeder? 8-86671
- Wise, H.** *see* Rewick, R.T. 8-71945
- Wiseman, C.D.** *see* Hensle, R. 8-82078
- Wishart, E.R.** An instrument for measuring liquid water content of laboratory supercooled clouds 8-96316
- Wisner, K.** *see* Arigo, R. 8-93430
- Wisniewska, A.** *see* Postupolski, T. 8-95454
- Wisniewski, R.** Apparatus for compressing hydrogen to 30 kbar 8-49853
- Wisniewski, R.** *see* Bock, W.J. 8-49854
- Wisniewski, W.** *see* Fay, T.D., Jr. 8-53877
- Wisniewski, W.Z.** *see* Bookmeyer, B.B. 8-81639
- Wisniewski, W.Z.** *see* Johnson, H.L. 8-53946
- Wisotski, S.R.** *see* Bressel, C.N. 8-81444
- Wiss, J.E.** *see* Heile, F.B. 8-74238
- Wiss, J.E.** *see* Peruzzi, I. 8-74252
- Wiss, J.E.** *see* Tanenbaum, W. 8-66113
- Wisse, J.** *see* Louwrier, P.W.F. 8-64862

- Wisshak, K.**, Kappeler, F. Neutron capture cross-section ratios of ^{240}Pu , ^{242}Pu , ^{238}U , and ^{197}Au in the energy range from 10 to 90 keV 8-50163
- Wiswall, C.E.** see Richardson, R.J. 8-87047
- Wiswall, R.H.** see Rudman, P.S. 8-51682
- Wiszt, E.** A contribution to the phenomenological theory of the anomalies of the elastic constants near a structural phase transition 8-67765
- Wit, B.de** see de Wit, B.
- Wit, B.De** see De Wit, B.
- Wit, H.P.**, Niesen, L., De Waard, H. Hyperfine interaction of ^{161}Dy impurities implanted in iron and nickel 8-68417
- Wit, J.H.W.de** see de Wit, J.H.W.
- Wit, R.** see Pietarinen, E. 8-86447
- Wit, R.de** see de Wit, R.
- Witala, H.** see Jarczyk, L. 8-78353
- Witczak, K.J.** Self-excited oscillations of gas flow in a duct 8-55670
- Withee, C.J.**, Wehring, B.W., Wyman, M.E. Measurement of internal conversion cascading in ^{235}U fission fragments 8-94036
- Withee, G.W.** see Johnson, A., Jr. 8-77302
- Witherell, M.S.** Search for a stable dihyperon 8-89742
- Witherell, M.S.** see Carroll, A.S. 8-89757
- Witherell, M.S.** see Cester, R. 8-66145
- Withers, R.S.**, Melcher, J.R., Richmann, J.W. Charging, migration and electrohydrodynamic transport of aerosols 8-88660
- Witherspoon, J.P.**, Sears, M.B., Blanco, R.E. Releases of radioactivity from uranium mills and wastewater effluent costs 8-82479
- Witherspoon, W.D.** see Roeder, D. 8-65295
- Withrow, S.P.**, Luscher, P.E., Propst, F.M., Weinberg, W.H. NVV Auger spectra from W(100) 8-72643
- Withrow, S.P.** see Shek, M.-L. 8-56043
- Witkowski, S.** Review of the German laser fusion program 8-63136
- Witowski, A.M.** see Swiatek, P. 8-92069
- Witowski, A.M.** see Szuszkiewicz, W. 8-68508
- Witt, A.F.** see Kim, K.M. 8-52659
- Witt, A.N.**, Lillie, C.F. Ultraviolet photometry from the orbiting astronomical observatory. XXX. The Orion reflection nebula 8-65668
- Witt, D.C.** see Guthrie, R.J. 8-57124
- Witt, G.** see Chakrabarty, D.K. 8-61659
- Witt, G.** see Henriksen, K. 8-85755
- Witt, H.de** see de Witt, H.
- Witt, J.** see Bergmann, K. 8-62887
- Witt, P.K.A.de** see de Witt, P.K.A.
- Witt, R.M.**, Mazess, R.B. Photon absorptiometry of soft tissue and fluid content: the method and its precision and accuracy 8-73221
- Wittberg, T.N.**, Hoenigman, J.R., Moddeman, W.E., Cothorn, C.R., Gullett, M.R. AES and XPS of silicon nitride films of varying refractive indices 8-72029
- Witte, J.C.**, Szczepanik, J.F. Application of transfer function methods to the characterization of xerographic development 8-65991
- Witte, K.H.** see Heinlein, W. 8-50907
- Witte, N.S.**, Brown, R.D. The possibility of detecting DC_N in IRC-10216 8-69901
- Witteborn, F.C.** see Goebel, J.H. 8-65619
- Witteborn, F.C.** see Pollack, J.B. 8-53850
- Witteborn, F.C.** see Scargle, J.D. 8-93257
- Wittebort, R.J.**, Szabo, A. Theory of NMR relaxation in macromolecules: Restricted diffusion and jump models for multiple internal rotations in amino acid side chains 8-94340
- Wittel, K.** see Felps, W.S. 8-78718
- Wittels, J.J.**, Shapiro, I.I., Robertson, D.S., Counselman, C.C., Hinteregger, H.F., Knight, C.A., Rogers, A.E.E., Whitney, A.R., Clark, T.A., Hutton, L.K., Ma, C., Niell, A.E., Resch, G.M., Ronnang, B.O., Rydbeck, O.E.H. A high declination search at 8 GHz for compact radio sources 8-69896
- Witten, E.** An interpretation of classical Yang-Mills theory 8-86415
- Witten, E.**, Olive, D. Supersymmetry algebras that include topological charges 8-89630
- Witten, E.** see Shankar, R. 8-66052, 8-93809
- Witten, L.** see Esposito, F.P. 8-49737
- Witten, T.A., Jr.**, Schafer, L. Two critical ratios in polymer solutions 8-83715
- Wittenauer, M.A.** see Keem, J.E. 8-60163
- Wittenburg, J.** Equations of motion for systems of rigid bodies, and application examples 8-87254
- Witter, K.** see Heitman, H. 8-52324
- Wittig, C.** see Campbell, J.C. 8-55206
- Wittig, C.** see Coulter, D. 8-88652
- Wittig, C.** see Hariri, A. 8-55220
- Wittig, C.** see Reisler, H. 8-58792
- Witting, H.L.** Acoustic resonances in cylindrical high-pressure arc discharges 8-67454
- Wittko, J.**, Kountouras, N.V. Tokamak Fusion Test Reactor vacuum vessel-development of electrical resistance bellows 8-50407
- Wittmaack, K.**, Schulz, F. Depth resolution in sputter profiling: Evidence against the sequential layer sputtering model 8-92165
- Wittmaack, K.**, Wach, W. Blistering effects in argon-bombarded silicon 8-67745
- Wittman, F.H.** see Augustin, W. 8-78481
- Wittmann, A.** The sunspot cycle before the Maunder minimum 8-61825
- Wittmann, F.H.** see Zaitsev, J.W. 8-76764
- Wittmann, J.C.** see Rickert, S.E. 8-91565
- Wittmann, K.** see Bartl, A. 8-70380
- Wittmann, K.** see Thiele, G. 8-79588
- Wittry, D.B.** see Wu, C.J. 8-68037
- Wittmann, J.C.**, St. John Manley, R. Polymer-monomer binary mixtures. Eutectic crystallization of poly(ethylene oxide)-trioxane mixtures 8-56626
- Witzel, A.**, Pauliny-Toth, I.I.K., Geldzahler, B.J., Kellermann, K.I. 9.5-mm flux density measurements of a sample of sources from the 5-GHz S4 survey 8-69894
- Witzel, A.** see Pauliny-Toth, I.I.K. 8-69893
- Witzel, A.** see Pauliny-Toth, I.I.K. 8-69902
- Witzel, A.** see Shaffer, D.B. 8-86029
- Witzgall, R.** see Spiering, H. 8-68418
- Witzke, W.R.**, Stephens, J.R. Comparison of equivalent energy and energy per unit area (W/A) data with valid fracture toughness data for iron, aluminum, and titanium alloys 8-52965
- Wixson, S.E.** see Rogers, W.J. 8-81024
- Wladimiroff, J.W.** see Litvoet, C.M. 8-61232
- Wlatyas, M.**, Jr. see Petzelt, J. 8-92057
- Wlodarczyk, E.** On a certain closed-form solution to the propagation problem of a nonstationary plane shock wave in isothermal gas 8-51195
- Wlodawer, A.** see Prince, E. 8-67624
- Wlosewicz, D.** see Bartkowski, K. 8-79975
- Wlosinski, W.** see Ranachowski, J. 8-72011
- Wnuk, M.P.** Initial stages of crack extension in time-dependent and/or ductile solids 8-67107
- Wobber, F.J.** see Garofalo, D. 8-78013
- Wobig, D.** see Meissner, M. 8-95162
- Wobschall, D.** A frequency shift dielectric soil moisture sensor 8-53739
- Wobst, K.**, Aurich, D. Assessment of flaws in structural components on the basis of a hypothesis for cleavage fracture 8-60804
- Wodarczyk, F.J.**, Schlossberg, H.R. Optically pumped molecular bromine gas laser 8-63094
- Wodkiewicz, K.** Intrinsic laser linewidth contribution to the Weisskopf-Heitler effect 8-70782
- Wodrich, W.R.** see Auld, E.G. 8-90111
- Woebecken, W.** The anisotropic structure of injection-moulded parts of filled thermosetting materials 8-76625
- Woebecken, W.**, Franken, H.W. The possibility of determining the degree of crosslinking in cold-setting, unsaturated polyester resin with regard to time dependence under statistical loading 8-76822
- Woelk, G.** see Wick, H.-J. 8-84788
- Woerdman, J.P.** Laser-excited broadband violet emission from sodium molecules 8-79006
- Woerdman, J.P.** Polarization dependence and Franck-Condon factors of a velocity-tuned Na_2 two-photon transition 8-90250
- Woerlee, P.H.**, Fortner, R.J., Doorn, S., Hoogkamer, T.P., Saris, F.W. Enhanced K-L vacancy-sharing ratios observed in low-velocity Ne-Kr collisions 8-78790
- Woerner, R.L.**, Hendricks, C.D. Fabrication of cryogenic laser fusion targets 8-58484
- Woessner, D.E.** see Chang, D.C. 8-88698
- Wohl, C.** see Denegri, D. 8-62464
- Wohlens, R.** see Leib, K.G. 8-94371
- Wohlfahrt, H.** see Schreiber, R. 8-56777, 8-84957
- Wohlfahrt, H.D.**, Schwentker, O., Fricke, G., Gluckert, S., Andresen, H.G., Shera, E.B., Hoehn, M.V., Yamazaki, Y., Steffen, R.M., Dubler, T., Kaser, K., Robert-Tissot, B., Schaller, L.A., Schellenberg, L., Schneuwly, H., Walter, H.K. Systematics of nuclear charge distributions in the region $40 \leq A \leq 100$ deduced from elastic electron scattering and muonic X-ray measurements 8-54679
- Wohlfarth, E.P.** Magnetic properties of crystalline and amorphous alloys: A systematic discussion based on the Rhodes-Wohlfarth plot 8-52190
- Wohlfarth, E.P.** Fine-particle magnetic materials 8-84457
- Wohlfarth, E.P.** Some fundamental aspects of amorphous magnetism 8-95413
- Wohlfarth, E.P.** see Corradi, A.R. 8-95481
- Wohlfarth, E.P.** see Nieuwenhuys, G.J. 8-64188
- Wohlfarth, H.**, Lang, W., Dann, H., Clerc, H.-G., Schmidt, K.-H., Schrader, H. The ionic charge distribution of fission products and the influence of internal conversion on highly preionized heavy ions 8-78428
- Wohlhofer, St.**, Grigull, U. Equations of state for solid bodies under very high dynamic load 8-59858
- Wohlleben, D.** see Franz, W. 8-87963
- Wohn, F.K.**, Wunsch, K.D., Wollnik, H., Decker, R., Jung, G., Koglin, E., Siegert, G. Identification of ^{147}Cs and half-life determinations for Cs and Ba isotopes with $A=144-147$ and Rb and Sr isotopes with $A=96-98$ 8-78318
- Woigard, J.**, Gueguen, Y. Elastic modulus and internal friction in enstatite, forsterite and peridotite at seismic frequencies and high temperatures 8-85550
- Woitscheck, A.** see Glahn, L.R. 8-56760
- Woittiez, J.R.W.** see Luten, J.B. 8-76953
- Wojacek, K.** see Babucke, G. 8-67504
- Wojakowski, A.** see Blaise, A. 8-84399
- Wojcicki, S.** see Bacino, W. 8-70351
- Wojcicki, S.G.** see Barish, B. 8-89750
- Wojciechowski, H.**, Tannous, N.B.J., Davis, R.H., Stanley, D., Golin, M., Petrovich, F. Two theoretical potential models and the elastic scattering of ^{16}O from $^{63,65}\text{Cu}$ at 40-46 MeV 8-78411
- Wojciechowski, J.** see Ostrowski, J. 8-90828
- Wojciechowski, S.** Completely integrable systems of N particles in one dimension 8-57768
- Wojciechowski, S.** The SU(2) symmetry group generators for the classical Calogero system 8-62332
- Wojciechowski, T.A.** see Hudson, J.G. 8-61598
- Wojcik, M.J.** Quantitative interpretation of temperature changes in hydrogen bond spectra of the gaseous hydrochloride-dimethyl ether complex 8-62804
- Wojcik, M.J.**, Falk, M. Band shapes of infrared absorption spectra of isotopically diluted X-H groups in hydrogen-bonded crystals 8-76445
- Wojewodzka, A.** see Brzosko, J.S. 8-67562
- Wojewodzka, A.** see Brzosko, J.S. 8-67561
- Wojnar, R.** The determination of Poisson's ratio by the Moire method 8-51137
- Wojnarovits, L.** see Said, F.I.A. 8-94146
- Wojslaw, R.** see Baum, L. 8-89758
- Wojslaw, R.J.** see Poirier, J.A. 8-70699
- Wojtas, H.** see Durski, Z. 8-59798
- Wojtczak, L.** see Glowacki, K. 8-95439
- Wojtowicz, A.** see Romeo, N. 8-76172
- Wokaun, A.**, Ernst, R.R. The use of multiple quantum transitions for relaxation studies in coupled spin systems 8-88211
- Wokaun, A.** see Aue, W.P. 8-78724
- Wolanowski, M.A.** On applications of differential geometry to mechanics 8-69968
- Wolburg, I.** see Kuchler, G. 8-80995
- Wolczyk, J.** see Semeniuk, I. 8-61862
- Wold, A.** see Lyons, A. 8-52700
- Woldhuis, J.** see Lafleur, M.V.M. 8-68994
- Wolf, A.** see Berant, Z. 8-93940
- Wolf, A.P.** see Merrill, J.C. 8-80966
- Wolf, B.** see Klare, G. 8-89205
- Wolf, B.H.** see Leible, K. 8-66009
- Wolf, C.L.** see Gary, M. (editor) 8-88833
- Wolf, D.** Effect of non-Arrhenius self-diffusional behavior on quasielastic neutron scattering and Mossbauer linewidth 8-67853
- Wolf, D.** see Althoff, K.H. 8-66125
- Wolf, D.** see Muller, N. 8-83692
- Wolf, D.A.de** see de Wolf, D.A.
- Wolf, E.** Coherence and radiometry 8-66745
- Wolf, E.** Coherence and radiant intensity in scalar wave fields generated by fluctuating primary planar sources 8-90355
- Wolf, E.**, Collett, E. Partially coherent sources which produce the same far-field intensity distribution as a laser 8-66751
- Wolf, E.** see Carter, W.H. 8-66750
- Wolf, E.** see Ritschel, M. 8-59823
- Wolf, E.De** see De Wolf, E.
- Wolf, E.L.** Electron tunnelling spectroscopy 8-90253
- Wolf, F.** see Pilchowski, K. 8-64828
- Wolf, F.P.** Precision measurements of the elastic modulus of polymer sample using resonance method 8-76823
- Wolf, G.** see Brandelik, R. 8-62416
- Wolf, G.** see Scarr, J.M. 8-54634
- Wolf, G.H.** see Bieger, W. 8-89981
- Wolf, G.H.** see Conrads, H. 8-50348
- Wolf, H.** see Camani, M. 8-82259
- Wolf, H.C.** see Bubeck, C. 8-85175
- Wolf, H.J.** see Glasow, P. 8-86723
- Wolf, J.** see Prandle, D. 8-96219
- Wolf, J.** see Ross, M. 8-66859
- Wolf, J.P.**, Bucher, K.M., Skrikerud, P.E. Response of equipment to aircraft impact 8-50416
- Wolf, K.** see Lange, D. 8-74031
- Wolf, K.** see Segal, G.A. 8-58593
- Wolf, K.L.** see Schroder, W.U. 8-89905
- Wolf, L.** see Masterson, R.E. 8-82417
- Wolf, L.** see Olmos, J. 8-78480
- Wolf, L.De** see De Wolf, L.
- Wolf, M.** see Gerlich, D. 8-52873, 8-95102
- Wolf, M.** see Schnack, E. 8-63375
- Wolf, M.** see Terukov, E.I. 8-84268
- Wolf, M.H.** see Krull, I.S. 8-92555
- Wolf, P.** see Schulz-DuBois, E.O. 8-76192
- Wolf, R.**, Lahner, K. Fuel savings in nuclear reactors by regular 'stretchout' operation 8-86632

- Wolf, R.**, van Tendeloo, G., van Landuyt, J., Amelinckx, S. Evidence for the occurrence of the AAB structure in the gold-manganese system 8-63698
- Wolf, R.**, Van Tendeloo, G., Van Landuyt, J., Amelinckx, S. Electron diffraction and high resolution electron microscopic study of ordering in the gold-manganese system. II. The monoclinic II structure in Au_2Mn and its relation to other LPAPB phases 8-75512
- Wolf, R.** see van Tendeloo, G. 8-71707
- Wolf, R.** see Van Tendeloo, G. 8-63697
- Wolf, R.P.**, Stahl, F.A., Folkins, J.J. Velocity of transverse ultrasound in solid CD_4 8-75734
- Wolf, S.A.**, Rachford, F.J., Nisenoff, M. Niobium nitride thin-film SQUID's biased at 20 MHz and 9.2 GHz 8-72311
- Wolf, S.A.** see Cox, J.E. 8-93706
- Wolf, S.A.** see Singer, I.L. 8-72297
- Wolf, V.H.** The geodetic Gauss-Helmert model and its properties 8-61309
- Wolf, W.** see Hauske, G. 8-65001
- Wolf, W.** see Lupp, U. 8-65022
- Wolf, W.P.** see Cone, R.L. 8-80141
- Wolf, W.P.** see Giordano, N. 8-68251
- Wolfe, A.M.**, Broderick, J.J., Condon, J.J., Johnston, K.J. A comprehensive radio study of the $z=0.524$ absorption system in AO 0235+164 8-65680
- Wolfe, D.** see Thomas, W. 8-70392
- Wolfe, G.E.** Temperature detection using platinum film 8-49830
- Wolfe, G.M.** see Sun, M.J. 8-65965
- Wolfe, H.F.** see Wentz, K.R. 8-92351
- Wolfe, J.H.** see Dryer, M. 8-57422
- Wolfe, J.P.** see Greenstein, M. 8-84146
- Wolfe, J.P.** see Hansen, A.D.A. 8-64282
- Wolfe, R.** see LeCraw, R.C. 8-91706
- Wolfe, R.J.** Temporal oscillations in a kinetic model of the Belousov-Zhabotinskii reaction 8-85132
- Wolfe, T.C.**, Vickers, T.J. Optimization of pulsing conditions for hollow cathode lamps for atomic fluorescence spectrometry 8-65972
- Wolfe, W.L.**, Korniski, R. Refractive index of Irtan 2 as a function of wavelength and temperature 8-66877
- Wolfendale, A.W.** see Giler, M. 8-96368
- Wolfenden, A.** In situ observations of electron irradiation damage in magnesium 8-87715
- Wolfenden, A.**, Robinson, W.H. Comparison of mechanical damping in Cu_3Au , leaded brass and lead-free brass in terms of the Granato-Lucke theory 8-95772
- Wolfenden, A.** see Adam, C.M. 8-84894
- Wolfenden, A.** see Robinson, W.H. 8-75676
- Wolfenden, P.J.** see Lewin, J. 8-81227
- Wolfenstein, L.** Neutrino oscillations in matter 8-70358
- Wolfenstein, L.** see Bhandari, R. 8-66114
- Wolfenstein, L.** see Henley, E.M. 8-70522
- Wolfer, W.G.** see Abdel-Khalik, S.I. 8-58425
- Wolfs, P.**, Fillion, G., Bacmann, M., Noel, H. Magnetic properties of CoU_2S_3 and FeU_2S_3 8-68170
- Wolff, E.K.** see Stoll, M.E. 8-62830
- Wolff, I.** see Beyer, A.T. 8-78849
- Wolff, J.R.** see Holzgraeffe, M. 8-58025
- Wolff, L.R.** see Bastin, G.F. 8-67684
- Wolff, M.** see Feinn, D. 8-80792
- Wolff, P.A.** Force field inside a magnet 8-54123
- Wolff, P.A.** see Nucho, R.N. 8-51922, 8-87931
- Wolff, R.S.** see Kestenbaum, H.L. 8-57607
- Wolff, S.** see Alexander, G. 8-74251, 8-89766
- Wolff, S.** see Berger, Ch. 8-62414, 8-89725
- Wolff, S.C.** Duplicity of late B-type stars 8-57547
- Wolff, S.C.** A search for radial gradients of the magnetic fields in the atmospheres of α^2 Canum Venaticorum, 78 Virginis, and β Coronae Borealis 8-85953
- Wolff, S.C.**, Preston, G.W. The magnetic spectrum, and photometric variations of the Ap star 52 Hercules 8-85952
- Wolff, S.C.**, Preston, G.W. Late B-type stars: rotation and the incidence of HgMn stars 8-89199
- Wolff, W.**, Stoller, Ch., Bonani, G., Stockli, M., Suter, M., Dappen, W. Evidence for a molecular REC-effect in heavy ion collisions 8-58802
- Wolffe, P.**, Einzel, D. Transport and relaxation properties of superfluid ^4He . II. Viscosity, thermal conductivity, and relaxation of the normal fluid density 8-79839
- Wolffe, P.** see Einzel, D. 8-79838
- Wolffii, W.** see Bonani, G. 8-64900
- Wolffii, W.** see Stoller, Ch. 8-70924
- Wolfram, L.E.** see Grasselli, J.G. 8-61091
- Wolfram, S.** see Babcock, J. 8-82108
- Wolfram, S.** see Llewellyn Smith, C.H. 8-74205
- Wolfram, T.** see Ellialtioglu, S. 8-88011
- Wolfram, T.** see Rath, J. 8-90257
- Wolfram, T.** see White, H.W. 8-92440
- Wolfram, T.** (editor) Proceedings of the International Conference and Symposium on Electron Tunneling 8-90254
- Wolfrat, J.** see Arko, A.J. 8-75985
- Wolfrat, J.C.** see Ammerlaan, C.A.J. 8-87938
- Wolfrum, J.** see Schmatjko, K.J. 8-76833
- Wolfs, E.A.** see Denier Van der Gon, J.J. 8-73170, 8-73171
- Wolfsberg, H.** see Suzuki, H.H., Jr. 8-50607
- Wolfsberg, M.** see Bardo, R.D. 8-62735, 8-88626
- Wolfsberg, M.** see Woodruff, S.B. 8-62719
- Wolfsen, N.**, Erez, J., Alpers, Z. Automatic real-time quality control of surface synoptic observations 8-92920
- Wolfsen, Y.** see Goldring, G. 8-66240
- Wolgemuth, G.A.** see Turner, R.B. 8-72805
- Wolk, G.L.** see Wiesenfeld, J.R. 8-95916, 8-95917
- Wolken, G., Jr.** Model potential for reactions with solid surfaces: $\text{H}_2 + \text{Fe}(001)$ 8-68923
- Wolkenberg, A.** Anodic current measurements as a method to determine the carrier concentration in silicon 8-60200
- Wolkenberg, A.** Capacitance measurements of the silicon-silicon dioxide-potassium chloride water solution interface as a method to determine the fixed charge value and its centroid 8-80051
- Wolkenstein, T.** Boundary layer theory and electron theory of adsorption on semiconductors 8-95236
- Wolksey, G.** see Katsoufis, E. 8-82234
- Wollast, R.** see Mackenzie, F.T. 8-61437
- Wolleben, A.** see Van de Vondel, D.F. 8-50586
- Wollenberg, H.** see Bowman, H. 8-85746
- Wollenberger, H.** see Poerschke, R. 8-67739
- Wollersheimer, H.J.** see Bokemeyer, H. 8-54793
- Wollnik, H.** see Fass, R. 8-86717
- Wollnik, H.** see Pfeiffer, B. 8-78323
- Wollnik, H.** see Wohn, F.K. 8-78318
- Wollnik, H.** see Wunsch, K.D. 8-93975
- Wolman, M.** Gordon see Gordon Wolman, M.
- Wolniewicz, L.**, Oblikowski, T. On the numerical integration of the Schrodinger equation with a double-minimum potential 8-58573
- Wolniewicz, L.**, Poll, J.D. Ab initio nonadiabatic vibrational energies of the hydrogen molecule ion 8-90142
- Wolniewicz, L.** see Poll, J.D. 8-62742
- Wolny, M.** see Korecki, J. 8-95482
- Woloch, F.**, Neuberger, W. Further analysis of the zero-energy experiment on the Dragon reactor 8-78445
- Woloshyna, R.M.** Cluster recoil mechanism for inclusive nuclear reactions 8-93998
- Woloshyn, R.M.** see Frankel, S. 8-70524
- Wolosiak, Z.** see Krzywinski, J. 8-91884
- Wolowski, J.** see Denus, S. 8-82509
- Wolschin, G.** Mass transport in deeply inelastic heavy ion collisions 8-86541
- Wolschin, G.**, Norenberg, W. Angular-momentum dissipation in heavy-ion collisions 8-82376
- Wolschin, G.** see Ayik, S. 8-58302
- Wolschin, G.** see Beck, F. 8-62567
- Wolschke, S.** Nonlinear analysis of ponderomotive force induced self-modulation of plasma waves 8-75326
- Wolski, J.** see Derentowicz, H. 8-54869
- Wolski, R.** see Makowska, E. 8-78993
- Wolter, K.D.** Effect of dipolar substituent groups on the critical flocculation temperature of sterically stabilized dispersions 8-61061
- Wolter, W.** see Babecki, J. 8-62524
- Woltermann, H.A.** see Seabaugh, P.W. 8-82445
- Wolters, G.F.** see Kluyver, J.C. 8-82233
- Wolters, J.**, Badur, A., David, P.H., Fassbender, J., Finken, R., Haben, M., Kasper, K., Muller, A., Meister, G., Rehm, W., Schwarzer, K., Talarek, H.D. Investigations of the consequences of hypothetical accidents for high temperature reactors. II. Consequences following a breach of the primary circuit together with additional failure of active engineered safeguards (HSK2) 8-58390
- Wolters, J.** see Kroger, W. 8-82429
- Woltjer, L.** Energetics of compact radio sources 8-57671
- Woltjer, L.** Quasars and galactic evolution 8-57693
- Woltz, R.** see Cannon, T.W. 8-85750
- Wolynes, P.G.**, Roberts, R.E. Molecular interpretation of the infrared water vapor continuum 8-66542
- Wolynes, P.G.** see Hubbard, J.B. 8-87599
- Wolynes, P.G.** see Schulten, K. 8-58724
- Wolynes, P.G.** see Skinner, J.L. 8-95909
- Womack, S.M.**, Rylander, M.K., Bolen, E.G. The structure of the retina in four species of whistling ducks, *Dendrocygna* 8-53391
- Won, M.H.**, Kwon, Y.S., Moon, I.H. Activated sintering of the W cemented WC for high density-hard metal 8-60622
- Won Kim Mahn** see Mahn Won Kim
- Won Koo Park** see Karp Soon Rheem 8-56657
- Wondre, F.** see Allakhverdiev, K. 8-76462
- Wong, A.Y.**, Schumacher, R., Brun, R., Miller, L.R. SURMAC: an advanced fuel fusion reactor 8-58431
- Wong, A.Y.** see DiVergilio, W.F. 8-51313
- Wong, A.Y.** see Gekelman, W. 8-67409
- Wong, A.Y.** see Mamas, D.L. 8-67401
- Wong, C.** Watching the Earth move from space 8-65441
- Wong, C.** see Kearney, D.W. 8-66387
- Wong, C.** see Sidhu, G.S. 8-50234
- Wong, C.F.**, Ellis, H.D., Norton, R. The use of a photoelastic modulator in measuring radiation damage in birefringent samples caused by energetic charged particles 8-87724
- Wong, C.K.**, McLennan, J.A., Lunderfeld, M., Duffy, J.W. Theory of nonlinear transport in Burnett order 8-49778
- Wong, C.M.**, Lim, K.K. The inclination of intracloud lightning discharges 8-73440
- Wong, C.S.** Atmospheric input of carbon dioxide from burning wood 8-81368
- Wong, C.W.**, Liu, K.F. Detection of nuclear-bag states 8-70465
- Wong, C.W.** see Liu, K.F. 8-70349
- Wong, C.W.** see Young, S.K. 8-74369
- Wong, D.M.** see Herakovich, C.T. 8-60703
- Wong, D.Y.**, Markel, J.D. An excitation function for LPC synthesis which retains the human glottal phase characteristics 8-69112
- Wong, H.** see Foner, S. 8-72345
- Wong, J.S.** see Sasaki, T. 8-64444
- Wong, K.G.** see Feldman, B.J. 8-60062
- Wong, K.L.**, Bellan, P.M. Enhancement of drift waves by localized lower hybrid waves 8-67343
- Wong, K.W.** see Meyer, W. 8-51767, 8-51769
- Wong, K.Y.** Signal enhancement in photoacoustic spectroscopy on powder samples 8-65976
- Wong, M.** see Anderson, J.M. 8-91264
- Wong, M.** see Dagg, I.R. 8-78679, 8-78680
- Wong, M.K.F.** Multiplicity-free 6-j symbols and Weyl coefficients of $U(n)$: Explicit evaluation 8-65809
- Wong, P.K.** Nature of trapped free radicals in γ -irradiated poly(vinyl alcohol) films 8-85183
- Wong, P.P.**, Forster, E.O. The dynamics of electrical breakdown in liquid hydrocarbons. I 8-88253
- Wong, P.T.T.** Light scattering of disordered ordinary and metastable phases of KCN as a function of pressure 8-95151
- Wong, P.Y.**, Moeck, E.O. GISMO: a program for calculating hydrodynamic oscillations in the Gentilly-1 steam mains 8-54824
- Wong, P.Y.** see Moeck, E.O. 8-89944
- Wong, R.K.W.** Weibull distribution, iterative likelihood techniques and hydrometeorological data 8-65415
- Wong, S.** see Freeman, R.D. 8-64984
- Wong, S.F.**, Dube, L. Rotational excitation of N_2 by electron impact: 1-4 eV 8-55248
- Wong, S.F.** see Wing-Cheung Tam 8-74776
- Wong, S.L.**, Leiberman, M.A. Axial feedback stabilization of flute mode in a multiple mirror 8-75408
- Wong, S.S.M.** see Rowe, D.J. 8-50112
- Wong, Y.H.** Crystal-field effects on the transport properties of rare-earth intermetallics 8-72133
- Wong, Y.H.**, Thomas, D., Thomas, R.L., Danielson, P.S. Optical studies of $\text{MnO} \cdot \text{Al}_2\text{O}_3 \cdot \text{SiO}_2$ glasses 8-68528
- Wong, Y.H.**, Thomas, R.L., Hawkins, G.F. Surface and subsurface structure of solids by laser photoacoustic spectroscopy 8-68481
- Wong, Y.H.** see Mansfield, D.K. 8-88303
- Wong Cheuk-Yin** see Cheuk-Yin Wong
- Wong Cheuk-Yin** see Cheuk-Yin Wong
- Wong How-Sen** see How-Sen Wong
- Wong Kin Wah** see Kin Wah Wong
- Wong Kin-Ping** see Kin-Ping Wong
- Wong Man** see Man Wong
- Wong Ning-Chih** see Ning-Chih Wong
- Wong Seung Kai** see Seung Kai Wong
- Wongwiwat, K.** see Murr, L.E. 8-67769
- Wonn, H.** see Nemoshkalenko, V.V. 8-75991
- Wonn, H.** see Ziesche, P. 8-63969
- Wonneberger, W.** see Boffi, V.C. 8-72125
- Woo, C.H.** P and T conservation in the presence of instantons 8-89628
- Woo, H.** see Hunt, J.C.R. 8-51157
- Woo, J.** see Kaufman, H.H. 8-85363
- Woo, J.T.**, Uckan, N.A., Lidsky, L.M. Economic analysis of EBT reactor 8-54994
- Woo Chia-Wei** see Chia-Wei Woo
- Woo Nam Soo** see Soo Woo Nam
- Woo Shin Yong** see Woo Nam Shin
- Woo Wee** see Wee Woo
- Woo-Hyung Kahng** Solution of Langevin equation using Wiener's method 8-49766
- Woochun Hsu**, Sheu, J.S., Hsieh, C.Y., Katsuhiko Ito Analysis on composite flow of polymer melts in sandwich sheeting die 8-94637
- Wood, B.D.** see Tezgul, M.S. 8-93678
- Wood, B.E.** see Smith, A.M. 8-88274
- Wood, B.L.** The Ottago schist megaculmination: its possible origins and tectonic significance in the Rangitata Orogen of New Zealand 8-81142
- Wood, B.M.** see Higinbotham, J. 8-64281
- Wood, C.A.** Morphometric evolution of composite volcanoes 8-77205

- Wood, D.H.** Calculation of the neutral wind profile following a large step change in surface roughness 8-73483
- Wood, D.L.,** Machesney, J.B., Luongo, J.P. Investigation of the reactions of SiCl_4 and O_2 at elevated temperatures by infra-red spectroscopy [in the MCVD process for optical fibre manufacture] 8-80472
- Wood, D.M.** see Lamb, W. 8-56444
- Wood, D.R.** see Lifshitz, A. 8-89586
- Wood, E.H.** see Greenleaf, J.F. 8-92664
- Wood, G.C.** see Bastow, B.D. 8-88559, 8-88560
- Wood, G.C.** see Thompson, G.E. 8-68843, 8-92390
- Wood, G.H.** The relative stability of the thermal electromotive force of standard and solid copper wires in a cryogenic environment 8-60111
- Wood, I.C.J.,** Kulikowski, J.J. Pattern and movement detection in patients with reduced visual acuity 8-56979
- Wood, J.C.,** Jagner, S. Theoretical study of the hexacyanonitrosylvanadate (HCNV), $[\text{V}(\text{CN})_6\text{NO}]^{2-}$ and pentacyanonitrosylvanadate (PCNV), $[\text{V}(\text{CN})_5\text{NO}]^{2-}$ ions 8-70736
- Wood, J.C.,** Vannerberg, N.G. An X-ray photo-emission spectroscopy study of iron-oxide, iron-benzoic acid inhibitor films 8-88561
- Wood, J.V.,** Honeycombe, R.W.K. Splat quenching of austenitic steels containing niobium and carbon 8-72798
- Wood, K.** see Sadeh, D. 8-53844
- Wood, L.** see Chilton, F. 8-69538
- Wood, L.A.** Uniaxial extension and compression in stress-strain relations of rubber 8-80578
- Wood, L.A.,** Suggs, C.W., Abrams, C.F., Jr. Hand-arm vibration. III. A distributed parameter dynamic model of the human hand-arm system 8-92663
- Wood, M.H.** A comparison of single knock-on and complete bubble destruction models of the fission induced re-solution of gas atoms from bubbles 8-82455
- Wood, M.H.,** Hayns, M.R. A theoretical investigation of electron microscope observations of fission gas bubble distributions in a mixed oxide fast reactor fuel pin 8-58358
- Wood, M.H.** see Hayns, M.R. 8-79646, 8-83855
- Wood, P.A.** Competence of Hope River, Jamaica: a reappraisal of R as a function of D 8-61474
- Wood, R.** see Thackeray, A.D. 8-73645
- Wood, R.A.** see Rae, A.D. 8-91191
- Wood, R.C.** see Greene, C.R. 8-83177
- Wood, R.F.** see Narayan, J. 8-87690
- Wood, R.F.** see Wang, J.C. 8-91364
- Wood, R.F.** see Young, R.T. 8-95080
- Wood, R.H.,** Lilley, T.H., Thompson, P.T. Rapidly converging activity expansions for representing the thermodynamic properties of fluid systems: gases, non-electrolyte solutions, weak and strong electrolyte solutions 8-76901
- Wood, R.M.** see Edwards, A.K. 8-94302
- Wood, S.,** Blachere, J.R. Corrosion of lead glasses in acid media. I. Leaching kinetics 8-92378
- Wood, S.,** Blachere, J.R. Corrosion of lead glasses in acid media; II. Concentration profile measurements 8-92379
- Wood, S.A.** see Scaief, A.L. 8-81063
- Wood, T.E.,** Muirhead, A., Day, P. Optical study of the magnetic phase diagram of metamagnetic ferrous bromide 8-56312
- Wood, T.H.** Microcomputer stabilization of a Fabry-Perot interferometer 8-74055
- Wood, W.B.** see Reid, R.L. 8-58406
- Wood, W.E.** see Khan, K.H. 8-84834
- Wood, W.W.,** DeBuchananne, G.D. Goals and projects of US Geological Survey for the study of solid low-level radioactive wastes 8-94116
- Woodall, D.M.** The use of advanced fuels in pellet implosion reactor engineering 8-58444
- Woodall, D.M.** see Sarraf, S. 8-87494
- Woodall, J.M.,** Lanza, C., Freeouf, J.L. Electrical properties of the Ga-GaAs interface immersed in electrolytic solutions 8-95368
- Woodall, J.M.** see DiStefano, T.H. 8-63157
- Woodbridge, K.,** Ertl, M.E. Pulsed Eting-shausen cooling in bismuth 8-91670
- Woodbury, E.J.** see Hon, D.T. 8-59090
- Woodbury, E.J.** see Stitch, M.L. (editor) 8-59017
- Woodcock, H.W.** Approximately relativistic Lagrangians for classical interacting point particles. II 8-54179
- Woodcock, J.P.** see Brown, J.M. 8-61225
- Woodcock, J.P.** see Skidmore, R. 8-61235
- Woodcock, L.V.** see Broughton, J.Q. 8-75807
- Woodcock, L.V.** see Ladd, A.J.C. 8-83916, 8-91284
- Wooden, J.L.,** Vitaliano, C.J., Koehler, S.W., Ragland, P.C. The late Precambrian mafic dikes of the southern Tobacco Root Mountains, Montana: geochemistry, Rb-Sr geochronology and relationship to Belt tectonics 8-77196
- Woodford, D.A.** The effect of prior temperature cycling on rupture life of superalloys 8-60840
- Woodhead, L.W.** Commissioning and operating experience with CANDU-PHW commercial nuclear-electric stations 8-86656
- Woodhouse, J.** see McIntyre, M.E. 8-50996
- Woodhouse, J.A.** see Howells, H. 8-53515
- Woodhouse, J.H.** Asymptotic results for elastodynamic propagator matrices in plane-stratified and spherically-stratified Earth models 8-77197
- Woodhouse, N.** Some remarks on the energy-momentum tensor in general relativity 8-54263
- Woodhouse, N.** The real geometry of complex space-times 8-77684
- Wooding, E.R.** see Lightfoot, N. 8-71559
- Woodison, P.M.** see Davies, A.J. 8-91173
- Woodley, D.G.** see Vick, D.O. 8-50575
- Woodley, R.E.** Variation in the oxygen potential of a mixed-oxide fuel with simulated burnup 8-70597
- Woodman, J.H.** see Danchy, R.G. 8-85898
- Woodman, R.** see Fejer, J.A. 8-77412
- Woodman, R.F.** see Rastogi, R.G. 8-61661, 8-69560, 8-85766
- Woodman, R.F.** see Ruster, R. 8-81292
- Woodmansee, W.E.** A digital plot system developed for NDT 8-53067
- Woodroffe, D.** see Slater, J.G. 8-53639
- Woodruff, D.P.,** Norman, D., Holland, B.W., Smith, N.V., Farrell, H.H., Traum, M.M. Diffraction of photoelectrons emitted from core levels of Te and Na atoms adsorbed on Ni(001) 8-95659
- Woodruff, D.P.** see Norman, D. 8-76587, 8-95228, 8-95654
- Woodruff, D.P.** see White, S.J. 8-67910
- Woodruff, E.P.** Physics education versus job training 8-61965
- Woodruff, P.R.,** Hublet, M.-C., Harrison, M.F.A. A measurement of the cross section for electron impact ionisation of Ar^+ 8-50647
- Woodruff, S.B.,** Wolfsberg, M. Calculation of one-electron properties from SCF $X\alpha$ SW functions for H_2O 8-62719
- Woods, A.A., Jr.,** Wade, W.D. On the design of self-deploying, extremely large parabolic antennas and arrays 8-57450
- Woods, A.D.B.,** Powell, B.M., Martel, P. Phonons in niobium and molybdenum 8-91402
- Woods, A.D.B.,** Svenson, E.C. Temperature dependence of $S(\mathbf{Q}, \omega)$ in superfluid ^4He 8-95197
- Woods, C.W.** see Betts, R.R. 8-62569
- Woods, D.V.** see Lilley, F.E.M. 8-81498
- Woods, E.L.** see Wildi, P. 8-74484
- Woods, J.** see Hillhouse, R.W.A. 8-52662
- Woods, J.** see Russell, G.J. 8-51847
- Woods, J.** see Salehi Manshadi, M.A. 8-72267
- Woods, J.** see Sethi, B.R. 8-72147
- Woods, P.J.** Photoelastic analysis of stresses at loaded projections 8-87275
- Woods, P.T.,** Sholton, K.C., Rowley, W.R.C. Frequency determination of visible laser light by interferometric comparison with upconverted CO_2 laser radiation 8-55395
- Woods, P.T.** see Jolliffe, B.W. 8-63133
- Woods, P.T.** see Rowley, W.R.C. 8-89452
- Woods, R.** see Michell, D. 8-61018
- Woods, S.B.** see Rowlands, J.A. 8-51969, 8-91656, 8-91668
- Woods, T.** see Sager, P. 8-54977
- Woods, T.J.** Neutron wall loading characteristics of a doublet reactor 8-66407
- Woodside, R.W.M.** Minimum size of radiation with spin 8-69995
- Woodson, H.** see Driga, M.D. 8-54953
- Woodson, H.H.** see Bird, W.L. 8-55016
- Woodson, H.H.** see Brennan, M. 8-54964
- Woodson, H.H.** see Driga, M.D. 8-55730
- Woodson, H.H.** see Gully, J.H. 8-54952
- Woodson, H.H.** see Mayhall, D.J. 8-54951
- Woodsum, H.C.** The author discusses a simple rule for normalising WKB type wave functions 8-69944
- Woodward, R.L.** A rational basis for the selection of armour materials 8-53063
- Woodwell, G.M.** The carbon dioxide question 8-53718
- Woodworth, J.R.,** Rice, J.K. An efficient, high-power F_2 laser near 157 nm 8-58996
- Woodworth, P.L.** see Corden, M.J. 8-62470
- Woodworth, P.L.** see Emms, M.J. 8-89734
- Woody, D.P.** see Nishioka, N.S. 8-65964
- Woody, J.A.** see Jenkins, B.M. 8-88771
- Woelf, L.A.** Velocity correlation coefficients in multicomponent electrolyte solutions 8-85167
- Woelf, L.A.,** Harris, K.R. Velocity correlation coefficients as an expression of particle-particle interactions in (electrolyte) solutions 8-64852
- Woelf, L.A.,** Harris, K.R. Rough hard spheres treatment of tracer diffusion of each component in two-component liquid systems 8-87798
- Woelf, N.J.** see Williams, R.E. 8-93253
- Woelfrey, J.L.** The preparation of UO_2 powder: effect of ammonium uranate properties 8-66363
- Woolfson, M.M.** A new tidal theory for the origin of the solar system 8-93131
- Woolfson, M.M.** An introduction to X-ray crystallography 8-94949
- Woolhouse, G.R.,** Monemar, B. An electron diffraction study of dislocation glide and climb in double heterostructure (DH) GaAs material 8-83824
- Woolhouse, G.R.,** Monemar, B., Serrano, C.M. Secondary dislocation climb during optical excitation of GaAs laser material 8-75672
- Woolhouse, G.R.** see Cuomo, J.J. 8-64472
- Woolhouse, G.R.** see Monemar, B. 8-74911
- Wooliscroft, D.S.** see Thompson, M. 8-90231
- Wooliam, J.A.,** Alterovitz, S.A. Normal state properties of the ternary molybdenum sulfides 8-91660
- Wooliam, J.A.,** Alterovitz, S.A. Low temperature normal state resistance of ternary molybdenum sulfides 8-91783
- Wooliam, J.A.,** Alterovitz, S.A., Haugland, E.J. Hall effect and magnetoresistivity in the ternary molybdenum sulfides 8-95400
- Wooliam, J.A.** see Alterovitz, S.A. 8-84369, 8-91831
- Wooliam, J.A.** see Braginski, A.I. 8-95698
- Wooliam, J.A.** see Dillon, R.O. 8-87986
- Wooliam, J.A.** see Kreps, L.W. 8-64050
- Wooliam, J.A.** see Somoano, R.B. 8-68023
- Wooliam, J.A.** see Sugawara, K. 8-88204
- Woolley, A.M.** see Doran, N.J. 8-79926
- Woolley, J.C.** see Gratton, M.F. 8-56624
- Woolley, R.** The velocity ellipsoid of RR Lyrae variable stars 8-77563
- Woolley, R.G.** Must a molecule have a shape? 8-58568
- Woolley, R.G.** Further remarks on molecular structure in quantum theory 8-62684
- Woolley, R.L.** Adsorption/absorption characteristics of caesium on oxidised stainless steel 8-84061
- Woolley, R.L.,** Kline, S.J. A procedure for computation of fully stalled flows in two-dimensional passages 8-94826
- Woolley, R.L.** see Warner, A.G. 8-62597
- Woolsley, J.P.,** Kim, K., Turnbull, R.J. Techniques for generating uniform charged particles of hydrogen isotopes 8-86682
- Woolsley, S.E.,** Howard, W.M. The p-process in supernovae 8-57541
- Wootton, A.J.** Equilibrium and stability of Tokamak plasmas with horizontally elongated cross-sections 8-75405
- Wootton, A.J.** see Robinson, D.C. 8-94931
- Wootton, R.E.** AC particle-initiated breakdown in compressed gas mixtures of SF_6 with He , N_2 and CO_2 8-87556
- Worchesky, T.L.,** Ritter, K.J., Sattler, J.P., Riessler, W.A. Heterodyne measurements of infrared absorption frequencies of D_2O [optically pumped submillimetre lasers] 8-55175
- Worden, E.F.,** Paisner, J.A., Conway, J.G. Associative ionization of laser-excited Rydberg states in strontium vapor 8-94303
- Worden, E.F.,** Solarz, R.W., Paisner, J.A., Conway, J.G. First ionization potentials of lanthanides by laser spectroscopy 8-66522
- Worden, E.F.** see Paisner, J.A. 8-82701
- Worden, S.** Speckle interferometry 8-77491
- Worden, S.P.,** Coleman, G.D., Rucinski, S.M., Whelan, J.A.J. A study of the contact binary system ER Cephei 8-77580
- Worek, T.F.,** Beardsley, W.R., King, M.W. 41 Sextantis-A new metallic line binary 8-53982
- Work, R.N.** see Smith, F.H. 8-70982
- Workman, J.B.** see Ossakow, S.L. 8-88984
- Worledge, D.H.** see Parry, G.W. 8-89959
- Worlock, J.M.,** Doehler, J., Mattos, J.C.V. Electron-hole drop velocities as a probe of phonons in germanium 8-68517
- Worlock, J.M.** see Doehler, J. 8-88358, 8-95264
- Worlock, J.M.** see Pinczuk, A. 8-91391
- Worlton, T.G.** see Jorgensen, J.D. 8-55948
- Worm, E.,** Schiebel, U., Neufert, A., Clausnitzer, G. A transmission study of 15 MeV electrons in silicon single crystals 8-83671
- Wormell, P.M.J.H.** Version 14, a program for the optimization of lens designs 8-90488
- Wormer, P.E.S.,** Mulder, F., Van Der Avoird, A. Quantum theoretical calculations of van der Waals interactions between molecules. Anisotropic long range interactions 8-62868
- Wormer, P.E.S.** see Berns, R.M. 8-94202
- Wormsbecher, R.F.** see Harris, D.O. 8-82757

- Woronow, A.** A general cratering-history model and its implications for the lunar highlands 8-53843
- Woronow, A.** The expected frequency of doublet craters 8-61777
- Worrell, C.A., Redfern, B.A.W.** Acoustic emission studies of the breakdown of beta-alumina under conditions of sodium ion transport 8-67860
- Worsfold, R.D.** More on color compensating filters with infrared film 8-62256
- Worswick, S.P.** see Atherton, P.D. 8-61909
- Wortel, M.J.R.** see Vlaar, N.J. 8-57176
- Worth, M.D.** see Lippincott, S.L. 8-73740
- Worthey, J.A.** Simplified analysis of meridional refraction data [vision testing] 8-65149
- Worthington, C.R., Khare, R.S.** Structure determination of lipid bilayers 8-96022
- Worthington, M.H.** see England, P.C. 8-85506
- Worthington, T., Lindenfeld, P., Deutscher, G.** Heat-capacity measurements of the critical coupling between aluminum grains 8-84348
- Worthington, T.** see McLean, W.L. 8-60243
- Worthoff, R.H.** see Schummer, P. 8-83352
- Wortis, M., Jayaprakash, C., Riedel, E.K.** Thermodynamic behaviour of quenched random magnets from a position-space renormalization group 8-68244
- Wortmann, G., Prosser, H., Holzapfel, W.B.** A Mossbauer high-pressure study of the mixed valence compound $\text{Cs}_2\text{Au}_2\text{Cl}_6$ 8-52387
- Wortmann, G.** see Butz, T. 8-52384, 8-52385
- Wortmann, G.** see Kelin, U.F. 8-52386
- Woschni, H.-G.** Observation of line scratch marks with photoelectric microscopes 8-77978
- Wosiek, B.** see Babecki, J. 8-62524
- Wosiek, J.** see Jurkiewicz, J. 8-57817
- Woskoboinikow, P., Mulligan, W.J., Pradaude, H.C., Cohn, D.R.** Submillimeter-laser-induced air breakdown 8-67446
- Woste, L.** see Herrmann, A. 8-55268
- Wostenholm, G.H.** see Harwood, C. 8-91452
- Wostenholm, G.H.** see Morton, N. 8-51963
- Wotring, A.W.** see Smith, R.W. 8-53283
- Wotschack, J.** see Hansl, T. 8-74244, 8-89860
- Wotschack, J.** see Holder, M. 8-55103
- Wotschack, J.** see Hansl, T. 8-89698
- Wouch, G., Frost, R.T., Pinto, N.P., Keith, G.H., Lord, A.E., Jr.** Uniform distribution of BeO particles in Be casting produced in rocket free fall 8-72753
- Wouch, G., Lord, A.E., Jr.** Eddy currents: levitation, metal detectors and induction heating 8-61967
- Woude, F. Van Der** see Van Der Woude, F.
- Woyk, E.** Ray tracing theory and mirage occurrence conditions 8-77323
- Woyrnarovich, F.** 3-d Coulomb coupling and charge ordering in nonconducting chain systems 8-60075
- Wozniak, C.** On a generalization of the concept of ideal constraints in discrete mechanics 8-65759
- Wozniak, C.** Bodies with the binary structure 8-73848
- Wozniak, C.** On the realization of constraints and looseness in continuum mechanics 8-73849
- Wozniak, D.G.** see Brown, B.S. 8-80109
- Wozniak, G.J., Schmitt, R.P., Glassel, P., Jared, R.C., Bizard, G., Moretto, L.G.** Evidence for angular momentum depolarization and for enhanced sequential fission in the reaction $^{197}\text{Au}(^{86}\text{Kr}, \text{Zr})$ 8-62585
- Wozniak, G.J., Schmitt, R.P., Glassel, P., Moretto, L.G.** A study of diffusion phenomena in the rare earth region: The reaction $^{159}\text{Tb}+^{620}\text{MeV } ^{86}\text{Kr}$ 8-50202
- Wozniak, G.J.** see Jahn, R. 8-74379, 8-82365
- Wozniak, G.J.** see Schmitt, R.P. 8-94024
- Wozniak, M.** On the solution of a certain class of plastic flow. I. Foundations 8-51088
- Wozniak, M.** On the solution of a certain class of spatial problems in the theory of plastic flow. II. Applications 8-51089
- Wozniak, M.** Some spatial problems of the rigid-plastic equilibrium. I. Analysis 8-55569
- Wozniak, M.** Some spatial problems of the rigid-plastic equilibrium. II. Special cases and examples of solutions 8-55570
- Wozniak, R.** see Rys, J. 8-92280
- Wrandemark, S.** Be 94, a young distant cluster in Cepheus 8-61892
- Wrandemark, S.** The spiral structure of the Milky Way 8-69876
- Wranglen, G.** Gold and selective storage solves nuclear waste problem 8-74441
- Wray, A.A.** see Hui, A.K. 8-57873
- Wray, E.T.** National Arrangements for Incidents Involving Radioactivity (NAIR)—second report 8-65136
- Wray, J.** see Vibert, P. 8-53361
- Wreathall, W.M.** Pyroelectric television applied to instrumentation with infrared lasers 8-59150
- Wren, A.G., Gilbert, P.T., Bowers, M.T.** New design of an ion cyclotron resonance cell capable of temperature variation over the range $80\leq T\leq 450\text{ K}$ 8-56943
- Wren, A.G.** see Judekik, H.S. 8-80789
- Wrenn, M.E.** see Hebel, L. 8-54863
- Wrick, V.L., Ip, K.T., Eastman, L.F.** High purity LPE InP 8-72744
- Wriedt, H.** see Brasse, F.W. 8-78194
- Wriekat, A.** see Biegert, E. 8-93901
- Wriekat, A.** see Marshak, M.L. 8-82245
- Wriggers, P.** see Rohrbach, R. 8-87273
- Wright, A.** see Armstrong, C. 8-94705
- Wright, A.C.** see Johnson, P.A.V. 8-86725
- Wright, A.C.D.** Electromagnetic mass differences of the charmed baryons 8-78181
- Wright, A.D.M.** see Collins, P.D.B. 8-78193, 8-78204
- Wright, A.E., Allen, D.A.** Radio observations of symbiotic stars 8-93274
- Wright, A.E.** see Jauncey, D.L. 8-93450
- Wright, A.E.** see Peterson, B.A. 8-65710
- Wright, C.E.** see Hamlin, M.J. 8-88867
- Wright, C.J., Riekel, C.** The uniaxial rotation of ethylene adsorbed by sodium 13X zeolite 8-91538
- Wright, C.J.** see Howard, J. 8-71942
- Wright, C.J.** see Williams, F.W. 8-90737
- Wright, D.C.** An inelastic deformation criterion for delayed failure 8-52940
- Wright, D.C.** see Fonck, R.J. 8-58642
- Wright, E.L., Kleinmann, D.E.** Infrared observations of the most luminous quasar 8-89272
- Wright, E.L.** see Kleinmann, S.G. 8-57613
- Wright, F.W.** see Hodge, P.W. 8-53953
- Wright, H.L.** see Harvey, J.T. 8-78434
- Wright, I.F.** see Walker, P.M. 8-93922
- Wright, I.G.** see Edington, J.W. 8-88545, 8-88546
- Wright, I.G.** see Haour, G. 8-52767, 8-52768, 8-52771
- Wright, J.** see Hasselmann, K. 8-81418
- Wright, J.A.** see Cochrane, N.A. 8-61314
- Wright, J.C.** see Coffey, P. 8-92560
- Wright, J.C.** see Miller, M.P. 8-52547
- Wright, J.H.** Uranium resources consumption and 30-year fuel commitments for Canada and the world, 1975-2025 8-82456
- Wright, J.J., Spates, W.S., Davis, S.J.** Time-resolved fluorescence of the $a^1\Pi_g$ state of BrCl 8-63093
- Wright, J.J.** see Havey, M.D. 8-66605
- Wright, J.R.** Interfacing a microcomputer with the Varian EM-360 NMR spectrometer 8-89519
- Wright, J.S.** Reactivity bands in atom-molecule collisions. IV. Coplanar and 3D studies of $\text{T}+\text{HT}$ 8-85143
- Wright, J.S., Gray, S.K.** Rotated Morse curve-spline potential function for $\text{A}+\text{BC}$ [reaction dynamics]: application to $(\text{Cl}, \text{HBr}), (\text{F}, \text{H}_2)$, and (H^+, H_2) 8-80729
- Wright, J.V.** see Eve, M. 8-50928
- Wright, J.W.** Detection of ocean waves by microwave radar; the modulation of short gravity-capillary waves 8-77333
- Wright, J.W.** see Plant, W.J. 8-57212
- Wright, K.H., Jr.** see Stone, N.H. 8-77458
- Wright, M.L., Pollack, J.B., Colburn, D.S.** Remote analysis of aerosols by differential scatter (DISC) lidar systems 8-69524
- Wright, P.** see Khan, S.U.M. 8-61027
- Wright, P.C., Storer, R.G., McCarthy, I.E.** Theory of $(p, 2p)$ reactions at medium energies 8-50169
- Wright, P.G.** see Gibson, R.A.G. 8-79881
- Wright, P.J.** see Williams, J.O. 8-95823
- Wright, P.K.** The high temperature creep behavior of doped tungsten wire 8-88499
- Wright, R.B., Liu, M.-B., Gruen, D.M.** Chemical effects on secondary photon and ion emission of ion bombarded beryllium, carbon and boron carbide surfaces 8-95637
- Wright, R.E.** Optical telemetry control and data transfer system 8-66443
- Wright, R.E.** see Barber, G.C. 8-62613
- Wright, S.C.** see Gordon, B.A. 8-82216
- Wright, T.M.** see Hayes, W.C. 8-77081
- Wright, T.P.** Transport studies of cusp and multichannel REB fusion concepts 8-75268
- Wright, T.P.** see Bergeron, K.D. 8-91116
- Wright, T.P.** see Cnare, E.C. 8-55029
- Wright, T.P.** see Miller, P.A. 8-50319
- Wright, W.D.** The fundamentals of color perception 8-77054
- Wright, W.F., Garber, A.R., Todd, L.J.** A ^{11}B NMR study of heteroatom boranes of the type $\text{B}_3\text{H}_2\text{E}$ ($\text{E}=\text{CNMe}_3, \text{CH}^-, \text{PR}, \text{AsR}, \text{As}^-, \text{S}, \text{Se}, \text{Te}$) 8-90190
- Wright, W.M.** see Brown, E.H. 8-57347
- Wright, W.W.** see Barton, J.M. 8-68845
- Wrigley, J.D.** see Stolt, K. 8-87861
- Wrixon, G.T.** Measurements of Earth-space attenuation at 230 GHz 8-73425
- Wrixon, G.T.** see Kelly, W.M. 8-68083
- Wrobel, A.M., Kryszewski, M., Rakowski, W., Okoniewski, M., Kubacki, Z.** Effect of plasma treatment on surface structure and properties of polyester fabric 8-95831
- Wrobel, J., Vala, M.** Nonradiative yields and rate constants from time-resolved opto-acoustic spectroscopy: theory 8-58052
- Wrobel, J., Vala, M.** Time-resolved opto-acoustic spectroscopy 8-89550
- Wrobel, L.C.** see Brebbia, C.A. 8-90821
- Wrobel, S.** see Nguyen, P.X. 8-79522
- Wrobel, Z.** see Bodek, K. 8-62547
- Wroblewski, A.** see Bockmann, K. 8-93912
- Wroblewski, A.** see Moriyasu, K. 8-66165
- Wroblewski, A.** see Yuldashev, B.S. 8-62575
- Wroblewski, A.K.** see Kirk, H.G. 8-82252
- Wronska, U.** see Denus, S. 8-82509
- Wronski, A.S.** see Robbins, C.B. 8-60735
- Wronski, C.R.** Photovoltaic properties of undoped discharge-produced amorphous silicon 8-84253
- Wronski, S., Laskowski, L.** Filtration of non-Newtonian liquids 8-55690
- Wronski, Z., Stachorska, D.** Approximate formulae for electron concentration and temperature 8-63596
- Wruck, D.** Vibrational properties of the $\langle 100 \rangle$ split interstitial in silicon 8-91405
- Wruss, W.** see Kieffer, R. 8-64777
- Wrzcionko, J.** see Belyaev, V.B. 8-86554
- Wrzcionko, A.** Energy of the vermiform structure 8-91882
- Wrzcionko, A.** see Koczorowska, L. 8-91883
- Wrzesinska, A.** see Krupa, R. 8-60154
- Wu, A.K.** see Miele, A. 8-63278
- Wu, B.J.C., Wegener, P.P., Stein, G.D.** Homogeneous nucleation of argon carried in helium in supersonic nozzle flow 8-94871
- Wu, C.C.** see Armstrong, R.W. 8-64617
- Wu, C.C.** see Boggess, A. 8-96383
- Wu, C.C.** see Boksenberg, A. 8-96540
- Wu, C.C.** see Heap, S.R. 8-96474
- Wu, C.C.** see Pritchett, P.L. 8-91076
- Wu, C.-C., Weedman, D.W.** Ultraviolet observations and the extended spectrum of NGC 4151 8-89249
- Wu, C.-C.** see Dupree, A.K. 8-96569
- Wu, C.H.** Elasticity problems of a slender Z-crack 8-87304
- Wu, C.H.** see Hanke, W. 8-71930, 8-95334
- Wu, C.H.** see Spinrad, B.I. 8-50216
- Wu, C.J., Wittry, D.B.** Investigation of minority-carrier diffusion lengths by electron bombardment of Schottky barriers 8-68037
- Wu, C.K., Sinclair, R., Thomas, G.** Lattice imaging and optical microanalysis of a Cu-Ni-Cr spinodal alloy 8-52754
- Wu, C.L.** see Nai Kuang Liang 8-81217
- Wu, C.S., Dillenburg, D., Gaffey, J.D., Jr., Goedert, J., Ziebell, L.F., Freund, H.P.** Excitation of low frequency waves by streaming ions via anomalous cyclotron resonance 8-83542
- Wu, C.S.** see Freund, H.P. 8-75275, 8-91075
- Wu, C.S.** see Neugebauer, M. 8-57420
- Wu, C.S.** see Wang, G.W. 8-86505
- Wu, C.Y.** see Baquet, G. 8-60393
- Wu, C.Y.** see Quach, H.T. 8-95526
- Wu, C.Y.R., Stwalley, W.C.** Calculated pressure effects on spectral lines for long-range interatomic potentials: Rb and Cs with heavy rare gases 8-90126
- Wu, D.** see Jenkins, J. 8-85426
- Wu, D.C.** see Wu, S.Y. 8-54110
- Wu, E.M.** see Lo, K.H. 8-63308, 8-63309, 8-83248
- Wu, F.Y.** Percolation and the Potts model 8-54312
- Wu, F.Y.** Absence of phase transitions in tree-like percolation in two dimensions 8-87770
- Wu, F.Y.** Phase diagram of a spin-one Ising system 8-95441
- Wu, F.Y.** see Rajan, V.T. 8-49757
- Wu, H.-C.** see Kosinski, W. 8-83282
- Wu, J.C., Sampath, S., Sankar, N.L.** A numerical study of unsteady viscous flows around airfoils 8-75165
- Wu, J.N.C., Cory, J.F., Jr.** Seismic design study on cantilever cylindrical shells 8-58339
- Wu, J.R., Chang, C.C.** Complex-particle emission in the pre-equilibrium exciton model 8-66280
- Wu, K.T.** see Fu, C.M. 8-75939
- Wu, K.T.** see Yencha, A.J. 8-85138
- Wu, K.Y.** see Ho, C.Y. 8-95284
- Wu, P.C.S.** Europa as a nuclear control material 8-50261
- Wu, R.S.** see Chou, Y.T. 8-75722
- Wu, R.W., Hussain, F.A., Liu, L.K.** Seismic response analysis of structural system subjected to multiple support excitation 8-53623
- Wu, S.C.** see Prewitt, J.M.S. 8-73291
- Wu, S.D., Tuan, H.S.** Surface acoustic wave scattering from a groove in Y-Z LiNbO_3 8-60019
- Wu, S.T.** see Nakagawa, Y. 8-85923
- Wu, S.Y., Wu, D.C.** Surface effects and the density of states of electrons in a semi-infinite array of identical potentials 8-54110
- Wu, S.Y.C.** see McGaughy, T.W. 8-84491
- Wu, T.H.** see Klyukanov, A.A. 8-72414
- Wu, T.M.** see Kalaf, T.R. 8-88088
- Wu, Y.** see Falk, H. 8-61968

- Wu Chi-Chao *see* Chi-Chao Wu
Wu Chien-Wu *see* Hsien Ting-Chang 8-78101
 Wu Chii-Ming *see* Chii-Ming Wu
 Wu Chung-Yung Robert *see* Chung-Yung Robert Wu
Wu Dan-Di, Lee Xiao-Yuan Spontaneously broken μ -like charge symmetry, heavy leptons and $\mu \rightarrow e + \gamma$ 8-82191
Wu Dan-Di, Wu Jing-Yuan, Li Xiao-Yuan An analysis of four-element models of leptons and non-diagonal neutral currents 8-78132
 Wu Fou Theresa Sheau-Yun *see* Theresa Sheau-Yun Wu Fou
Wu Hai-wei The instability of a thin cylindrical shell and the mechanic analysis of geologic structures 8-73364
Wu Hang-Sheng *see* Gong Change-De 8-52115
Wu Hang-Sheng *see* Ji Guang-Da 8-50677
Wu Hang-Sheng *see* Kung Chang-Teh 8-80090
Wu Hang-Sheng *see* Liu Fu Sui 8-80099
 Wu Jiann-long *see* Jiann-long Wu
 Wu Jin *see* Jin Wu
Wu Jing-Yuan, Li Xiao-Yuan, Chen Zhong-Mo The difficulty of the decay $\tau \rightarrow \pi \nu$, and spin $3/2$ heavy lepton 8-82192
Wu Jing-Yuan *see* Wu Dan-Di 8-78132
 Wu Kuang-Ming *see* Kuang-Ming Wu
Wu Ming-Chan *see* Ding You-Ji 8-69761
 Wu Ray-Shing *see* Ray-Shing Wu
Wu Sao-min *see* Sun Jin-gun 8-58006
Wu Shi-shu On nuclear single-particle potentials. II. The nonhermitian choice 8-78241
 Wu Shinn-Tyan *see* Shinn-Tyan Wu
 Wu Tai Tsun *see* Tai Tsun Wu
 Wu Te-Kao *see* Te-Kao Wu
Wu Wei-Fang *see* Yu You-Wen 8-82271
 Wu Wen-Hsien *see* Wen-Hsien Wu
Wu Yang Shi, Peng Chia Kwei A note on the equations of SU(2) instantons 8-78099
Wu Yong-Shi, Chen Shih, Tu Tung-Sheng, Kuo Han-Yink Magnetic monopoles in broken SO₃ and SU₂ gauge theories 8-86459
Wu Yong-Shi, Lee Hwa-Chung, Kuo Shuo-Hung, Hsien Ting-Chang On a pseudo-particle solution of the Yang-Mills field 8-86419
Wu-Ki Tung *see* Lam, C.S. 8-82214
Wu-Nan Huang, Aklonis, J.J. Time-crosslink density reduction investigated by photochemical scission 8-52920
Wu-Shiung Hsu *see* Yuen-Chung Liu 8-70223
 Wudl, F. *see* Thomas, G.A. 8-79949
 Wuebbles, D.J. *see* Luther, F.M. 8-85692
 Wuebbles, D.J. *see* MacCracken, M.C. 8-92965
 Wuertler, R.F. *see* Briones, R.A. 8-82935
 Wuertz, D., Thomas, P. The pre-exponential in DC-hopping conduction 8-76074
 Wuertz, D. *see* Thomas, P. 8-51906
 Wuilleumier, F. *see* Adam, M.Y. 8-78671
 Wuilleumier, F.J. *see* Dhez, P. 8-62270
Wulf, A. Orientational phase transition of tilted molecules moving in a planar layer—tentative model for the smectic-C phase 8-79751
 Wulf, H.O. *see* Stampa, A. 8-59675
 Wulf, S.A. *see* Ritter, J.E., Jr. 8-84954
 Wulff, H. *see* Heumann, T. 8-72812
 Wuller, C.E. *see* Chivington, E.P. 8-58502
 Wun, M. *see* Judeikis, H.S. 8-71417
 Wunderlich, B. *see* Gaur, U. 8-65935
 Wunderlich, B. *see* Jain, P.C. 8-56625
 Wunderlich, B. *see* Mehta, A. 8-71837, 8-89482
 Wunderlich, F.J. *see* Maurone, P.A. 8-54122
 Wunderlich, W. *see* Talasidis, D. 8-87299
 Wunsch, C. *see* Moore, D. 8-88836
Wunsch, K.D., Decker, R., Wollnik, H., Munzel, J., Siegert, G., Jung, G., Koglin, E. Precision beta endpoint energy measurements of rubidium and caesium fission products with an intrinsic Ge-detector 8-93975
Wunsch, K.D. *see* Pfeiffer, B. 8-78323
Wunsch, K.D. *see* Wohn, F.K. 8-78318
 Wunsch, L. *see* Metz, F. 8-94298
Wunsch, R. *see* Balashov, V.V. 8-86551
Wunsch, R. *see* Sandulescu, A. 8-89829
Wunsche, A. Relations for the amplitudes in case of reflection and refraction of light at the boundary plane between isotropic and anisotropic media 8-87007
Wunsche, A. Reflection and refraction of light in uniaxial media 8-90353
Wunsche, H.-J., Henneberger, K., Khartsiev, V.E. Binding-energy calculations for multiple bound excitons 8-51900
Wuorinen, V. Age of Aiyansh Volcano, British Columbia 8-92811
 Wurfel, P. *see* Hertzler, U. 8-95556
 Wurfel, P. *see* Rufer, H. 8-64858
 Wurfinger, A., Josefiak, C., Schneider, G.M. Differential thermal analysis under high pressure 8-51669
 Wurm, J.P. *see* Ho, H. 8-54786
Wurrey, C.J., Nease, A.B. Vibrational spectroscopy and structure of three membered ring compounds 8-78701
Wurster, R. Convergent beam diffraction of 300 keV electrons 8-63646
 Wurstner, A.L. *see* Hedley, W.H. 8-94822
Wurth, R. *see* Darden, C.W. 8-62415, 8-93895
Wurz, U. *see* Grubic, M. 8-86258
Wurzberg, E., Grimley, A.J., Houston, P.L. Hydrogen abstraction by fluorine atoms: F+HX and F+DX (X=I, Br, Cl) 8-80721
Wurzberg, E., Haas, Y. Chemiluminescence of luminol and related compounds under e-beam excitation. Absolute chemical and light yields 8-53209
Wurzner, W. *see* Herrmann, K. 8-77855
Wuster, G. *see* Kindler, W. 8-79402
 Wuthof, U. *see* Becker, U. 8-78668
Wuthrich, K. *see* Richarz, R. 8-81091
 Wutz, D. *see* Ma, S.M. 8-95908
Wyant, J.C. Fringe localization 8-74051
Wyant, J.C. *see* Koliopoulos, C. 8-86325
Wyant, J.C. *see* Balasubramanian, N. (editor) 8-58899
Wyart, J.F. Analysis of lanthanide atomic spectra: present state and trends 8-62749
Wyart, J.F. A systematic study of even configurations in the neutral atoms of the platinum group 8-82631
Wyart, J.-F. *see* Verges, J. 8-62747
Wyatt, C.L., Frodsham, D.G. Short wavelength rocketborne infrared spectrometer 8-81460
Wyatt, H.J. Purkinje's methods for visualizing the internal retinal circulation: a look at the source 8-69043
Wyatt, L.R. The entrainment interface in a stratified fluid 8-55672
Wyatt, R. Comment on 'On the dispersion of a prism used as a beam expander in a nitrogen-laser pumped dye laser' 8-74924
Wyatt, R.F. *see* Lux, R.L. 8-57111
Wyatt, S.P. *see* Cahn, J.H. 8-93270
Wyatt, S.P. *see* Kanagy, S.P. 8-81662
Wybourne, B.G. S-wave colour singlet states of multi-quark configurations 8-58155
Wybourne, B.G. *see* Butler, P.H. 8-57800
 Wycech, S. *see* Pilkuhn, H. 8-62961
 Wycech, S. *see* Stepien-Rudzka, W. 8-70978
Wyckoff, S., Clegg, R.E.S. Molecular spectra of pure S stars 8-77554
Wyckoff, S. *see* Wehinger, P.A. 8-81704
Wyckoff, W.G. *see* Draper, J.E. 8-55086
 Wycliffe, H. Mechanical boosters incorporating self-limiting power transmission 8-70138
Wyder, P. *see* Beers, C.J. 8-51974
Wyder, P. *see* Jansen, A.G.M. 8-68074
Wydro, T. High-temperature series in the quantum-classical Heisenberg model 8-80116
 Wyers, E.J. *see* McManus, F.E. 8-88772
Wynanski, I., Chih-ming Ho Note on the prong configuration of an x-array hot-wire probe 8-75243
Wynanski, I. *see* Haritonidis, J.H. 8-90858
Wynanski, I. *see* Oster, D. 8-90848
 Wyk, J.A. *see* van Wyk, J.A.
 Wykes, C., Jones, R., Butters, J.N. A new technique for surface shape investigation 8-94380
 Wykes, C. *see* Jones, R. 8-66785
 Wyld, H.W. *see* Jones, L.M. 8-66081
 Wyld, H.W., Jr. *see* Jones, L.M. 8-66130
 Wyler, D. *see* Rittenberg, V. 8-78106
 Wylie, P.J. The effect of H₂O and CO₂ on planetary mantles 8-77506
 Wylie, T.H.A. *see* Clarke, D. 8-96404
 Wyman, M.E. *see* Withee, C.J. 8-94036
 Wymer, R.G. *see* Kasten, P.R. 8-86662
Wyn-Evans, M. *see* John-Evans, G. 8-83707
Wyn-Jones, E. *see* Tay, S.P. 8-70958
Wynblatt, P.P. *see* Johnson, W.C. 8-71908
Wyncke, B., Brehat, F., Hadni, A., Serrier, J., Baverez, M. Observation of phase transitions in dihalogen derivatives of benzene by far IR spectroscopy and Raman scattering 8-84557
Wyncke, B., Serrier, J., Brehat, F., Hadni, A. Far infrared absorption spectrum of a pyroelectric saccharose single crystal 8-72503
Wyner, E.F. *see* Grojean, R.E. 8-81442
Wynngaard, J.C., Pennell, W.T., Lenschow, D.H., LeMone, M.A. The temperature-humidity covariance budget in the convective boundary layer 8-73430
 Wynngaarden, W.-L. *see* Van Wyngaarden, W.-L.
Wynn, J.C., Bhattacharyya, B.K. Reduction of terrain-induced aeromagnetic anomalies by parallel-surface continuation: a case history from the southern San Juan mountains of Colorado 8-61316
Wynn-Williams, C.G., Becklin, E.E., Matthews, K., Neugebauer, G. Two-micron line emission from the H II region G333.6-0.2 8-54017
Wynne, C.G. A comprehensive first-order theory of chromatic aberration. Secondary spectrum correction without special glasses 8-90382
Wynne, J.J. *see* Esherrick, P. 8-82703, 8-86973
Wyrobisch, W. *see* Hofmann, P. 8-56042
Wyrtki, K. Monitoring the strength of equatorial currents from XBT sections and sea level 8-73383
Wyrzykowski, J.W., Varin, R. Simple method for the preparation of tensile test specimens for transmission electron microscopy 8-60936
Wyrzykowski, J.W. *see* Varin, R.A. 8-51547
Wysocki, J.A. *see* Pinnow, D.A. 8-66929
Wysor, R.B. *see* Walstrom, P.L. 8-54929
Wyss, M. *see* Martin, R.J., III 8-88820
Wyszecki, G. Color matching at moderate to high levels of retinal illuminance: a pilot study 8-56981
Wyszecki, G. *see* Ohta, N. 8-94420
Wyszecki, G. *see* Billmeyer, F.W. (editor) 8-49882
Wytenbach, A., Schubiger, A., Pruys, H.S. Half-life of ⁵⁷Mn 8-82321
Xanthopoulos, B.C. Exact vacuum solutions of Einstein's equation from linearised solutions 8-65833
Xanthopoulos, T.S. *see* Koutitas, C.G. 8-92879
Xe Bouard, X. *see* Albrow, M.G. 8-58214
 Xi-Jun Sun *see* Sun Xi-Jun
 Xi-Tu Zheng *see* Zheng Xi-Te
 Xi-Yi Huang *see* Huang Xi-Yi
Xia Xing-Shuo *see* Liu Gou-Xing 8-78427
Xian Ding-Chang, Zheng Xi-Te, Wang Ming-Zhong, Wang Ke-Lin, Zhang Zheng-Gang Meson structure wave functions in the relativistic straton model 8-50011
 Xian-Xi Dai *see* Dai Xian-Xi
 Xiao-Cong Li *see* Xiao-Cong
 Xiao-Ji Xu *see* Xu Li-Jiao
 Xiao-Wei Tang *see* Tang Xiao-Wei
 Xiao-Yuan Lee *see* Lee Xiao-Yuan
 Xiao-Yuan Li *see* Li Xiao-Yuan
Ximen Ji-Ye The electron-optical characters and aberration theory of a combined system consisting of electrostatic round lens and magnetic deflector 8-82897
 Xin Sun *see* Sun Xin
 Xing-Shuo Xia *see* Xia Xing-Shuo
Xu Chi, Yu Rui-zhen Fracture toughness and fatigue fracture of rare earth-magnesium nodular cast iron 8-95791
Xu Ji-An An isothermal equation of state for solids. II 8-79739
Xu Ji-An *see* Zhu Zai-Wan 8-52116
Xu Jie-Ping The bandwidth and scanning linearity of paratellurite acousto-optical deflectors 8-90501
Xu Xiao-Ji *see* Guo Jun-Sheng 8-82387
Xu Yi-Chao *see* Shi-He 8-52185
Xu Yu-Huan Temperature stability analysis of the resonant frequency of a piezoelectric ceramic vibrator 8-68454
Xu Zheng-Yi *see* Li Tie-Cheng 8-68521
 Xuan, C. *see* Nguyen *see* Nguyen Xuan, C.
 Xuan An Cao *see* Cao Xuan An
 Xuan Ho Phan *see* Phan Xuan Ho
 Xuan Nguyen Hoang *see* Hoang Xuan Nguyen
 Xue-Kui Gao *see* Gao Xue-Kui
 Y Jorba, M. *see* Perez *see* Perez Y Jorba, M.
Yaakobi, B. *see* Skupsky, S. 8-59663
Yaakobi, B. *see* Steel, D. 8-59685
Yaalon, D.H., Kalmar, D. Dynamics of cracking and swelling clay soils: displacement of skeletal grains optimum depth of slickensides, and rate of intra-pedonic turbation 8-73359
Yaari, R. *see* Braun, H. 8-58208
Yabe, A., Mori, Y., Hijikata, K. EHD study of the corona wind between wire and plate electrodes 8-71561
Yabe, A., Mori, Y., Hijikata, K. Heat transfer augmentation around a downward-facing flat plate by non-uniform electric fields 8-94873
Yabe, T. *see* Niu, K. 8-59641
Yabe, T. *see* Okada, T. 8-75272
Yablokov, B.N. *see* Voronin, V.S. 8-71016
Yablokov, V.A. *see* Gurvich, A.K. 8-53117
Yablokov, Yu.V. Radiospectroscopy of the doped magnetic centres and the peculiarities of their structure in the crystals of coordination substances 8-64259
Yablokov, Yu.V. *see* Petrashen, V.E. 8-80201
Yablokov, Yu.V. *see* Zaripov, M.M. 8-68000
Yablonik, L.M. *see* Blistanov, T.A. 8-95895
Yablonik, L.R. *see* Pshenichnyi, V.D. 8-59438
Yablonovitch, E. *see* Bloembergen, N. 8-58757, 8-82799
Yablonovitch, E. *see* Kwok, H.S. 8-82777
Yablonovitch, E. *see* Shultz, M.J. 8-62862
Yablonskaya, V.A. Influence by dry friction on the performance of a 2-gyroscope terrestrial gyrocompass 8-77899
Yablonskii, D.A. *see* Bar'yakhtar, V.G. 8-84373
Yablonskii, D.A. *see* Krivoruchko, V.N. 8-72338
Yablonskii, D.A. *see* Vitebskii, I.M. 8-72360

- Yabonik, L.M.** see Nikolaeva, L.A. 8-60957
Yaborov, A.N. see Boguslavskii, I.A. 8-84757
Yabsley, D.E. Millimetre wavelength performance of the new 16.7 m surface of the Parkes Radio Telescope 8-69691
Yabuki, H. Petrological studies on Yamato-74 meteorites 8-77524
Yabuki, S., Shima, M. Study of cosmic dust. XII. Black spherules collected at Mt. Norikura 8-96445
Yabuki, S. see Shima, M. 8-57514, 8-89137
Yabumoto, T. see Arai, T. 8-55344
Yabumoto, T. see Matsumoto, H. 8-88038
Yabushita, S. On the effect of gas pressure in the theory of line accretion. II 8-53932
Yabushita, S. see Yamaguchi, K. 8-66476
Yabuuchi, S. see Iwasaki, H. 8-92217
Yabuzaki, T., Tam, A.C., Curry, S.M., Happer, W. Visible emission bands of KXe_n polyatomic exciplexes 8-78746
Yabuzaki, T. see Tam, A.C. 8-74753, 8-82779
Yacaman, M.J. see Gordillo, T.L. 8-79902
Yachnev, I.L. see Zaleskii, V.Yu. 8-70876, 8-73070
Yacobi, Yu.A. see Vaguin, S.P. 8-79472
Yacoby, Y. Microscopic distortions in mixed perovskites in the paraelectric phase 8-75793
Yadav, B.R. see Gupta, G.R. 8-85626
Yadav, B.S. see Singh, T. 8-62122
Yadav, H.L., Toki, H., Faessler, A. Gamma band in transitional nuclei 8-62485
Yadav, H.L., Toki, H., Faessler, A. Staggering of even and odd spin states in $^{196,198}Tl$ nuclei 8-70446
Yadav, S. see Srivastava, R.C. 8-68926
Yadavalli, S. Focusing of electron beams by laser-beam fields 8-74833
Yadlowsky, E.J. see Kimberlin, S.R. 8-67408
Yagashi, Y., Nakajima, S. In-depth profiling by means of secondary ion mass spectrometry 8-85246
Yaeger, I. Magnetic susceptibility studies of $NdFeTiO_3$ single crystals 8-68186
Yaeger, I. Crystal growth and magnetic properties of $NdFeTiO_3$ 8-92185
Yaek, I. see Realo, K. 8-56499
Yaes, R.J. The time has come to abandon the pumps and run for the lifeboats—reflections on leaving the physics profession to study medicine 8-62045
Yafasov, A.Ya. see Muminov, R.A. 8-78545
Yafet, Y. see Chazalviel, J.-N. 8-95685
Yafet, Y. see Landolf, M. 8-60553
Yafet, Y. see Landolt, M. 8-52646, 8-68607
Yagasaki, K., Hidaka, Y., Fujii, H., Okamoto, T. Effect of hydrostatic pressure on the magnetic transition temperature of $GdAg_{1-x}In_x$ compounds 8-76244
Yagawa, G., Nishioka, T. Three-dimensional finite element analysis for through-wall crack in thick plate 8-83332
Yager, P. see Gaber, B.F. 8-53330
Yager, P. see Moriyasu, K. 8-66165
Yaghijian, A.D. A direct approach to the derivation of electric dyadic Green's functions 8-86169
Yaghoubi, M.A., Incropera, F.P. Natural convection from a heated horizontal cylinder submerged in a shallow water layer 8-94704
Yagi, A., Kawaji, S. Oxide thickness effects on electron scatterings at a thermally grown $Si-SiO_2$ interface 8-88033
Yagi, A., Namiki, M., Kusuda, K., Kawaji, S. Characterization of $Si-SiO_2$ interface with $C1^-$ ions by low temperature electron conduction measurements 8-60220
Yagi, H. see Murai, T. 8-88696
Yagi, K., Cowley, J.M. Electron microscopy study of ordering of potassium ions in cubic $KSbO_3$ 8-79550
Yagi, K., Roth, R.S. Electron-microscope study of the crystal structures of mixed oxides in the systems $Rb_2O-Ta_2O_5$, $Rb_2O-Nb_2O_5$ and $K_2O-Ta_2O_5$ with composition ratios near 1:3. I. Stacking characteristics of MO_6 layers 8-91309
Yagi, K., Roth, R.S. Electron-microscope study of crystal structures of mixed oxides in the systems $Rb_2O-Ta_2O_5$, $Rb_2O-Nb_2O_5$ and $K_2O-Ta_2O_5$ with composition ratios near 1:3. II. Various intergrowth phases and two-dimensional ordering of pentavalent ions 8-91310
Yagi, K. see Miyake, K. 8-66006
Yagi, K. see Takayanagi, K. 8-55790
Yagi, K. see Tamura, M. 8-83835
Yagi, M., Anayama, T. Switching characteristics and domain structures in amorphous toroidal cores 8-95477
Yagi, M., Ishii, K., Kawabe, T., Hagiwara, S. Energy relaxation of an ion beam in a turbulent plasma 8-79443
Yagi, M., Nishi, N., Kinoshita, M., Nagakura, S. Kinetics of the phosphorescent triplet states of electron donor-acceptor complexes as studied by microwave-induced delayed phosphorescence 8-62839
Yagi, N. see Matsubara, I. 8-53363
Yagi, S., Hikida, T., Mori, Y. Lifetime of $NO\ C^2\Pi(v''=0)$ 8-62849
Yagi, T. Experimental determination of thermal expansivity of several alkali halides at high pressures 8-79787
Yagi, T., Tatsuzaki, I. Light scattering experiments on central peaks 8-52522
Yagi, T. see Tanaka, H. 8-52518, 8-64374
Yagi, T. see Tokunaga, M. 8-64334
Yagihashi, T. see Uemura, O. 8-72326
Yagita, H. see Gamo, K. 8-75683
Yagola, A.G. see Cherepashchuk, A.M. 8-65658
Yagola, V.V. see Naumovets, V.G. 8-67546, 8-79448
Yagubovskii, E.B. see Laukhin, V.N. 8-95316
Yaguchi, G. Study of sliding characteristics of RF sputtered films 8-56778
Yagudin, L.I. Deduction of a new scale of UT for 1955-1974 8-93076
Yagudin, L.I. Corrections to longitudes of time services 8-93077
Yagudin, L.I. see Gubanov, V.S. 8-69279
Yagudina, F.R. see Boos, E.G. 8-62530
Yagupolski, L.M. see Titov, V.V. 8-91243
Yahagi, H. see Fukuda, M. 8-88935
Yahalom, J. see Aronov, V. 8-64738
Yahata, H. Dynamics of the Taylor vortices above higher instability points 8-75150
Yahel, R. see Finzi, A. 8-85992
Yahil, A. see Netzer, H. 8-77616
Yaji, S., Nakazawa, Y., Kaga, H. Surface properties of electrohydraulically formed tubes. I. Maximum surface roughness 8-87848
Yajima, N., Kawai, Y., Kogiso, K. A heating mechanism of ions due to large amplitude coherent ion acoustic wave 8-94924
Yajima, N., Oikawa, M., Satsuma, J. Interaction of ion-acoustic solitons in three-dimensional space 8-95570
Yajima, N., Oikawa, M., Satsuma, J., Namba, C. Modulated Langmuir waves and nonlinear Landau damping 8-51301
Yajima, N., Oikawa, M., Satsuma, J., Namba, C. Modulated Langmuir waves and nonlinear Landau damping 8-81849
Yajima, N. see Kohno, T. 8-57442, 8-61831
Yajima, N. see Kono, M. 8-63554, 8-71432
Yajima, N. see Tanaka, W. 8-61850
Yajima, S., Hasegawa, Y., Okamura, K., Matsuzawa, T. Development of high tensile strength silicon carbide fibre using an organosilicon polymer precursor 8-60627
Yajima, S., Shishido, T., Okamura, K. SiC bodies sintered with three-dimensional cross-linked polycarbosilane 8-56601
Yajima, S. see Kayano, H. 8-91361
Yajima, S. see Shishido, T. 8-52856, 8-92224
Yajima, S. see Umezawa, T. 8-84336
Yajnik, K.S., Acharya, M. Non-equilibrium effects in a turbulent boundary layer due to the destruction of large eddies 8-90860
Yakeuti, Y., Noda, N. Transient thermal stresses in a composite circular cylinder due to a band head source 8-79217
Yakhkind, A.K. see Mazurina, E.K. 8-88277
Yakhkind, E.Z. see Ilisavskii, Yu.V. 8-88000
Yakhnin, A.S. Relationship between impact strength and form of fracture of constructional steels in the zone of brittle-ductile transition 8-56740
Yakhno, V.G. Model of an excitable medium in which several stable pulses of different duration may exist 8-77036
Yakhot, V. see Gerber, R.B. 8-83887
Yakh'yev, R.Sh. see Kasumzade, Yu.M. 8-62385
Yakimakh, A.L. see Berzin, L.F. 8-74099, 8-86376
Yakimenko, I.P. see Popov, V.S. 8-59548
Yakimenko, I.P. see Stenflo, L. 8-83576
Yakimenko, I.P. see Wilhelmsson, H. 8-63560
Yakimenko, I.P. see Zagorodnyi, A.G. 8-59558
Yakimenko, I.P. see Zogorodny, A.G. 8-91069
Yakimiw, E. see Kalman, C.S. 8-54615
Yakimov, A.S. see Grishin, A.M. 8-76861
Yakimov, S.P. see Agekyan, T.A. 8-69665
Yakimov, Yu.L. The force acting on a body moving in water and entraining a gas 8-63480
Yakimovich, K.A. see Shpil'rain, E.E. 8-75853, 8-91369
Yakimovich, V.I. see Bobykin, B.V. 8-72705
Yakinthos, J.K. Crystal field effect on the magnetic moment's direction of rare earth ions with low point symmetry in R_2Co_3 ($R=Th, Ho, Dy, Er, Tm$) compounds 8-80132
Yakinthos, J.K. Direction of easy magnetization in $TmCo_5$ and $ErCo_5$ 8-84415
Yakinthos, J.K. see Ikononov, P.F. 8-60283
Yakinkind, A.K. see Morozova, I.N. 8-68516
Yakobi, V.A. see Tyupalo, N.F. 8-61105
Yakobi, Yu.A. see Vorontsov, S.S. 8-78992
Yakobson, A.M. see Chuiko, G.A. 8-57057
Yakobson, V.S. see Arshavskii, Yu.I. 8-96042
Yakovenko, G.N. see Korolev, Yu.N. 8-52471
Yakovitskii, S.P. see Smirnov, V.V. 8-82676
Yakovkin, I.B. see Bogdanov, S.V. 8-82904, 8-90623
Yakovkin, I.N. see Medvedev, V.K. 8-60033
Yakovlenko, S.I. see Gudzenko, L.I. 8-82944
Yakovlev, A.A. Simple algorithm for recognizing objects from incomplete spectra 8-87023
Yakovlev, A.D. see Monakhov, V.N. 8-94503
Yakovlev, D.G. see Pavlov, G.G. 8-55715
Yakovlev, E.N. see Kasatochkin, S.V. 8-52345
Yakovlev, G.D. see Brandt, T.L. 8-76084
Yakovlev, I.L. see Chelidze, T.B. 8-53353
Yakovlev, N.I. see Sarychev, V.A. 8-69641
Yakovlev, V.A. see Baru, S.E. 8-62284
Yakovlev, V.A. see Volodin, E.A. 8-53779
Yakovlev, V.F. see Kozhukhov, S.A. 8-50617
Yakovlev, V.G. Algorithm for detecting peaks of physiological curves 8-96107
Yakovlev, V.I. see Bulyshev, A.E. 8-67217
Yakovlev, V.P. see Kremlev, A.N. 8-91625
Yakovlev, V.V. see Selezov, I.T. 8-50977
Yakovlev, V.V. see Vaguin, S.P. 8-79472
Yakovlev, Yu.M. see Borisovskii, S.P. 8-90444
Yakovlev, Yu.P. see Imenkov, A.N. 8-52582
Yakovleva, E.F. see Pokidyshev, V.V. 8-69650
Yakovleva, N.S. see Sherstyuk, A.I. 8-82626
Yakshina, A.A. see Shchukin, V.K. 8-63484
Yakuba, V.V. see Mikhailenko, S.A. 8-87799
Yakubenko, V.G., Nikolaev, V.P. The experimental studies of radiance fluctuations of the underwater light-field 8-88839
Yakubenko, V.G., Nikolaev, V.P., Khulapov, M.S. Influence of drift in phototransducer on results of spectral investigations into fluctuations in underwater light field 8-65409
Yakubenko, V.G. see Nickolayev, V.P. 8-53656
Yakubov, A.A. A powerful eruption at Lokbatan 8-73340
Yakubov, R.A. see Aliev, T.M. 8-77857
Yakubovich, O.V., Simonov, M.A., Egorov-Tismenko, Yu.K., Belov, N.V. The crystal structure of a synthetic variety of alluaudite $Na_2(Fe_{0.5}^{3+}Fe_{0.5}^{2+})Fe^{2+}[PO_4]_3$ 8-83802
Yakubovich, S.D. see Baranova, L.I. 8-50949
Yakunin, V.G. see Kuzovnikov, A.A. 8-67545
Yakush, L.V. see Vargaftik, N.B. 8-59534
Yakushev, A.K. see Danilevich, V.V. 8-57903
Yakushev, O.S. see Shchelukhin, E.M. 8-75222
Yakushev, P.N. see Peschanskaya, N.N. 8-68856
Yakushin, M.I. see Georg, E.B. 8-67172
Yakushina, Yu.G. see Ishkhann, B.S. 8-78573
Yakushkin, E.D. see Strukov, B.A. 8-76411
Yakutovich, M.V., Oplensin, B.A., Osipov, Yu.M., Sukhinin, V.A. Investigation of high-temperature radiation resistance of molybdenum single crystals with hardened substructure 8-56654
Yalamanchili, R. A comparison of theory and experiments for accuracy, stability and oscillations of transient heat conduction 8-94516
Yalamov, Yu.I., Afanas'ev, A.M. Thermophoresis of a cylindrical aerosol particle under creep conditions 8-68935
Yalamov, Yu.I., Afanas'ev, A.M. Diffusophoretic force on a cylindrical aerosol particle in a binary gas mixture 8-68936
Yalamov, Yu.I., Shchukin, E.R., Kutukov, V.B., Myagkov, A.V., Gretsii, A.V. Effect of thermal diffusion on photophoretic motion of aerosol particles 8-79364
Yalamov, Yu.I., Yushmanov, A.A. Diffusion slip of a binary gas mixture along a curved surface 8-83432
Yalamov, Yu.I. see Kutukov, V.B. 8-66875
Yalcin, C., Halil, M., Aksahin, E. The charge asymmetry of two-nucleon interaction due to radiative corrections 8-70372
Yalovets, A.P. see Kononov, B.A. 8-86230
Yalovets, A.P. see Lisin, V.A. 8-84292
Yalovoi, V.I. see Basov, N.G. 8-71097
Yalow, R.S. Radioimmunoassay: a probe for the fine structure of biologic systems 8-73217
Yam, E.M. see Russell, N.E. 8-56465
Yam, M.H., Egan, P.O., Frieze, W.E., Hughes, V.W. Positronium fine-structure interval Δv in oxide powders 8-95616
Yamabe, K. see Yokogawa, M. 8-68526
Yamabe, S., Hirao, K., Kitaura, K. Theoretical study of the stability and the structure of $H_n^+(n=3,5,7,9,11)$ 8-74810
Yamabe, S., Kitaura, K., Nishimoto, K. A MO-theoretical study of the hydrogen bond in $(HCOOH)_2$, $(HCONH_2)_2$ and $(B(OH)_3)_2$ 8-58588
Yamabe, S. see Matsumura, K. 8-87878
Yamabe, T. see Tachibana, A. 8-60087
Yamabuchi, T. see Kagawa, Y. 8-59237
Yamada, A. see Gotoh, T. 8-61202
Yamada, A. see Toda, M. 8-51014
Yamada, C., Kawaguchi, K., Hirota, E. Laser magnetic resonance spectroscopy of SO in the $a^1\Delta$ state with a CO_2 laser as a source 8-94265
Yamada, C. see Ieki, M. 8-78698
Yamada, F. see Sasaki, A. 8-63146
Yamada, H. Transient mechanical behavior of 20% cold-worked Type 316 stainless-steel cladding 8-86598

- Yamada, H.**, Amamiya, T., Tsubomura, H. Resonance Raman spectra of Rose Bengal adsorbed on a ZnO electrode 8-76446
- Yamada, H.**, Kano, T., Tanabe, M. Preparation and properties of $Y_3Si_2O_8Cl$; Ce phosphor 8-52740
- Yamada, H.** see Dotoku, K. 8-88406
- Yamada, H.** see Furuya, Y. 8-83492
- Yamada, H.** see Shimizu, M. 8-56304
- Yamada, H.** see Takagi, N. 8-64148
- Yamada, H.** see Yamaguchi, H. 8-88482
- Yamada, H.** see Yamamoto, Y. 8-84571
- Yamada, H.** see Zolnowski, D.R. 8-70556
- Yamada, I.** see Iio, K. 8-52467
- Yamada, J.**, Okuda, T., Sakakibara, T. Experiment on development of high pressure laser plasma and absorption of laser 8-75392
- Yamada, J.** see Kawana, A. 8-71215
- Yamada, J.** see Kimura, T. 8-83075
- Yamada, J.** see Ohno, T. 8-74621, 8-87534
- Yamada, K.**, Albrecht, P. Practical aspects of fatigue analysis of a weldment 8-64682
- Yamada, K.**, Takeda, N., Kagami, J., Naoi, T. Mechanisms of elastic contact and friction between rough surfaces 8-87309
- Yamada, K.**, Yosida, K. Orthogonality catastrophe due to local electron interaction 8-67962
- Yamada, K.** see Kunio, T. 8-60831
- Yamada, K.** see Suzuki, N. 8-90504
- Yamada, M.**, Hendel, H.W. Current-driven instabilities and resultant anomalous effects in isothermal, inhomogeneous plasmas 8-91096
- Yamada, M.**, Ogawa, A., Furuta, O., Katagi, T., Betsudan, S. Dual-frequency radar for rainfall monitoring 8-57358
- Yamada, M.**, Schmidt, V.H. Hydrostatic optical cell with simple window structure for low temperature and hydrostatic pressure up to 5 kilobars 8-82016
- Yamada, M.** see Allen, G.R. 8-91127
- Yamada, M.** see Ohta, M. 8-88485
- Yamada, N.** see Kishida, K. 8-94069
- Yamada, R.** see Gross, D. 8-70410
- Yamada, R.** see Ohtsuka, H. 8-95633
- Yamada, R.** see Sone, K. 8-95211
- Yamada, S.**, Nion sock Chang, Matsuo, Y. Amplification of magnetostatic surface wave in GaAs-YIG layered system 8-88107
- Yamada, S.** see Brandelik, R. 8-62416
- Yamada, S.** see Chiba, R. 8-78320
- Yamada, S.** see Miyatake, Y. 8-70488
- Yamada, S.E.**, Sun, C.T. Analysis of laminate strength and its distribution 8-88522
- Yamada, S.E.** see Sun, C.T. 8-68735
- Yamada, T.** see Azuma, N. 8-68609, 8-76601
- Yamada, T.** see Fujisaka, H. 8-71318
- Yamada, T.** see Hashimoto, S. 8-83268
- Yamada, T.** see Kawamura, J. 8-84753
- Yamada, T.** see Kawashimo, K. 8-67001
- Yamada, T.** see Maruyama, Y. 8-60125
- Yamada, T.** see Minakata, M. 8-66952
- Yamada, T.** see Mizuno, M. 8-79747, 8-88449, 8-92253
- Yamada, T.** see Mori, T. 8-95002
- Yamada, T.** see Nakatani, N. 8-55707, 8-67294
- Yamada, Y.**, Ohira, K. Effects of light guide and magnetic field on the characteristics of the short time measuring system 8-90016
- Yamada, Y.** see Kobayashi, M. 8-55977
- Yamada, Y.** see Mori, M. 8-95154
- Yamada, Y.** see Muta, T. 8-92338
- Yamada, Y.** see Noda, Y. 8-79730, 8-91438
- Yamada, Y.** see Shimomura, O. 8-87647
- Yamada, Y.** see Yamamoto, E. 8-73190, 8-85355
- Yamada, Y.** see Yasue, K. 8-51096, 8-89414
- Yamaga, J.** see Shibata, S. 8-59222
- Yamaga, M.**, Yoshioka, H. Jahn-Teller and reorientation effects in the ESR spectrum of the self-trapped holes in mixed crystals $AgBr_{1-x}Cl_x$, II 8-64273
- Yamagami, K.** see Kawabata, N. 8-69101
- Yamagami, T.**, Fujii, M., Nishimura, J., Murakami, H., Hirashima, Y., Okudaira, K., Kajiwara, M., Kodama, M. Auroral X-ray observations by high altitude balloon at Thompson, Canada: determination of auroral X-ray source regions 8-61644
- Yamagami, T.** see Nishimura, J. 8-61933
- Yamagata, S.**, Fukai, I., Yasuda, I. Analysis of vibrations in AT-cut quartz crystal plates using a light modulated oscillator 8-71255
- Yamagata, T.**, Iwamoto, K., Kishimoto, S., Sacki, B., Yuasa, K., Tanaka, M., Fukuda, T., Okada, K., Miura, I., Inoue, M., Ogata, H. Isoscalar multipole resonances in ^{40}Ca 8-66190
- Yamagata, T.** see Hamatsu, R. 8-66141
- Yamagata, T.** see Tanaka, M. 8-93930
- Yamagishi, A.**, Szabo, A. Concentration independence of photon echo lifetimes in $Pr^{3+}:LaF_3$ 8-74951
- Yamagishi, H.** see Ida, T. 8-86291
- Yamagishi, H.** see Iida, T. 8-70157
- Yamagishi, M.** Ne (I) spectral lines from a Ne-O₂ d.c. glow discharge 8-74610
- Yamagishi, T.** see Suzuki, Y. 8-50366
- Yamaguchi, A.** see Kotani, T. 8-60589
- Yamaguchi, A.** see Whitmore, J. 8-74289
- Yamaguchi, A.** see Yamashita, S. 8-66170
- Yamaguchi, C.** An alternate method for MPC calculation using the absorbed dose data of MIRD Pamphlet No.11 8-53516
- Yamaguchi, H.** Takeda Riken's TR-2711: 100 channels measured in 10 seconds 8-65931
- Yamaguchi, H.**, Yamada, H., Yoshida, S. Effects of ageing temperature on the formation of secondary defects in quenched α -brass 8-88482
- Yamaguchi, H.** see Ikeda, N. 8-58713
- Yamaguchi, I.** Fringe loci and visibility in holographic interferometry with diffuse objects. II. Fringes of equal thickness 8-58951
- Yamaguchi, K.**, Kanazawa, K., Yoshida, S. Crack propagation in low-cycle fatigue of type 316 stainless steel at temperatures below 600°C observed by scanning electron microscopy 8-64631
- Yamaguchi, K.**, Kono, N., Asama, K., Inoue, H., Mori, T. Effect of B₂O₃ concentration on magnetic defects and properties of garnet films grown in PbO-B₂O₃ solvents 8-68321
- Yamaguchi, K.**, Ohta, K., Yabushita, S., Fueno, T. DODS natural orbital (NO) CI investigations of 1,3-diradicals: CH₂NHO, CH₂OO, and CH₂CHO 8-66476
- Yamaguchi, K.**, Yoshioka, Y., Takatsuka, T., Fueno, T. Extended Hartree-Fock (EHF) theory in chemical reactions. II. Symmetry properties of the EHF wavefunctions constructed by the magnetically ordered general spin orbitals 8-92447
- Yamaguchi, K.** see Arai, H. 8-92475
- Yamaguchi, K.** see Kanazawa, K. 8-60756
- Yamaguchi, K.** see Michida, S. 8-63339, 8-63340
- Yamaguchi, K.** see Nishimura, M. 8-87237
- Yamaguchi, K.** see Takatsuka, K. 8-90073
- Yamaguchi, K.** see Yoshida, S. 8-60755, 8-80646
- Yamaguchi, M.**, Yamamoto, I., Ohta, T. The motion of hydrogen in Mg₂NiH, studied by proton magnetic resonance 8-56383
- Yamaguchi, M.** see Hashimoto, S. 8-89491, 8-92854
- Yamaguchi, M.** see Matsumoto, R. 8-90899
- Yamaguchi, M.** see Murakami, K. 8-87682
- Yamaguchi, R.**, Odaka, T. Changes in water level at Funabara and Kakigi; secular variations of heat output of hot springs at Atami and other spas 8-96241
- Yamaguchi, S.** Electron microscopy using the electrostatic field about an electron-charged insulator 8-82081
- Yamaguchi, S.** see Ishii, H. 8-52618
- Yamaguchi, S.** see Kinoshita, S. 8-75179, 8-87372
- Yamaguchi, S.** see Kohsaka, M. 8-61278
- Yamaguchi, S.** see Ohta, M. 8-59199, 8-59329
- Yamaguchi, S.** see Takahashi, J. 8-67708
- Yamaguchi, T.** Timing system for comet telescope 8-89071
- Yamaguchi, T.**, Miwa, Y. Multiplet structure in X-ray p-shell photoelectron spectra of titanium and vanadium compounds 8-76580
- Yamaguchi, T.**, Narita, K. Preparation of amorphous magnetic powder by atomization technique 8-92213
- Yamaguchi, T.**, Ohya, N. Pinning of short-range-ordered magnetic cluster by localized optical excitation 8-68279
- Yamaguchi, T.**, Sutoh, H. Effect of cation substitution on the eutectoid decomposition of CuFe₃O₈ 8-68890
- Yamaguchi, T.** see Kimura, H. 8-84918
- Yamaguchi, T.** see Nomura, T. 8-64516
- Yamaguchi, Y.**, Sakuraba, T. Magnetic field- and temperature-dependence of light absorption spectra of CsMnF₃ 8-52528
- Yamaguchi, Y.**, Watanabe, H. Magnetic properties of (Cr, Mn)₂As system 8-64190
- Yamaguchi, Y.**, Watanabe, H., Suzuki, T. Polarized neutron diffraction study on the electronic state of MnSb 8-87906
- Yamaguchi, Y.** see Dewar, M.J.S. 8-86763
- Yamaguchi, Y.** see Hashimura, M. 8-91970
- Yamaguchi, Y.** see Hiramatsu, S. 8-90046
- Yamaguchi, Y.** see Nishihara, Y. 8-63950
- Yamaguchi, Y.** see Swanson, B.I. 8-74631
- Yamaguchi, Y.** see Tsurumi, S. 8-88473
- Yamagushi, M.** see Kuroda, Y. 8-94070
- Yamaji, A.** see Ishigai, S. 8-67016
- Yamaji, A.** see Miura, T. 8-58318
- Yamaji, K.** Possible antiferroelectric ordering of polarization with wavenumber 2k in assumed Wigner crystal in TTF-TCNQ. Simple model analysis 8-92028
- Yamakami, T.** Growth of ammonium sulfate single crystals from an aqueous solution 8-92182
- Yamakawa, H.**, Shimada, J. Statistical mechanics of helical wormlike chains. VII. Continuous limits of discrete chains 8-66697
- Yamakawa, H.**, Shimada, J., Fujii, M. Statistical mechanics of helical wormlike chains. VI. Approximations 8-55266
- Yamakawa, K.** Stress corrosion cracking 8-56820
- Yamaki, N.** see Nagai, K. 8-90754
- Yamakoshi, K.** see Mori, E. 8-59236
- Yamakoshi, K.** see Yanagita, S. 8-78399
- Yamamiya, M.** see Nishida, T. 8-72752
- Yamamoto, A.** see Sawada, S. 8-76408
- Yamamoto, E.**, Yamada, Y. Spin density imaging by NMR using a line-shaped magnetic field 8-73190
- Yamamoto, E.**, Yamada, Y., Zen-ueon Abe. Generation of the magnetic focus for noninvasive measurements of biological informations by NMR 8-85355
- Yamamoto, F.** see Murata, S. 8-67167
- Yamamoto, H.** Conditions for shear localization in the ductile fracture of void-containing materials 8-79663
- Yamamoto, H.**, Imazeki, H. OPMs facilitate laser photometry 8-65953
- Yamamoto, H.**, Ishibachi, T. Calculation of condensation heat transfer coefficients of fluted tubes (treatment based on the Gregor model) 8-87236
- Yamamoto, H.**, Murase, M., Izumi, S., Sagawa, N. Investigation of measuring accuracy of plugging indicators 8-54813
- Yamamoto, H.**, Nakayama, I., Ohmi, T. Commensurate-incommensurate charge-density wave phase transition in one-dimensional electron-phonon system. II 8-67959
- Yamamoto, H.**, Nishimura, A. Effects of a tensor force on ψ family in the charmonium model. II 8-89675
- Yamamoto, H.** see Deki, K. 8-66798, 8-71071
- Yamamoto, H.** see Ikeda, Y. 8-86476
- Yamamoto, H.** see Inakazu, N. 8-76710
- Yamamoto, H.** see Makino, T. 8-58623, 8-61486
- Yamamoto, H.** see Narita, K. 8-95467
- Yamamoto, H.** see Oda, H. 8-52617
- Yamamoto, H.** see Ogiwara, H. 8-55470
- Yamamoto, H.** see Tamura, N. 8-54641
- Yamamoto, I.** see Kanagawa, A. 8-58499
- Yamamoto, I.** see Susuki, Y. 8-62406
- Yamamoto, I.** see Yamaguchi, M. 8-56383
- Yamamoto, J.** see Sato, T. 8-74846
- Yamamoto, K.** see Itoshima, T. 8-57149
- Yamamoto, K.** see Kimura, T. 8-88046
- Yamamoto, K.** see Kitazoe, Y. 8-54791
- Yamamoto, K.** see Shimizu, H. 8-71940
- Yamamoto, K.** see Taguchi, Y. 8-58147
- Yamamoto, M.** Superconducting properties of TaSe₃ 8-80104
- Yamamoto, M.**, Goshiki, K., Kanaya, T., Nishijima, Y. Intramolecular excimer of di(pyrrenylmethyleneoxycarbonyl) alkanes 8-70862
- Yamamoto, M.**, Nanno, S., Shohno, F. The formation of DO₂₂-type ordered phase in the quenched Ni₃(Mo,Ta) alloys 8-95768
- Yamamoto, M.** see Kaneto, K. 8-72140
- Yamamoto, M.** see Kobayashi, M. 8-84829
- Yamamoto, M.** see Ozeki, T. 8-71214
- Yamamoto, M.** see Takatsu, H. 8-66371
- Yamamoto, M.** see Yoshino, K. 8-68104
- Yamamoto, N.**, Iga, K. Change of refractive index profile during heat-treatment process in fabricating plastic focusing fiber lens 8-83091
- Yamamoto, N.** see Achiwa, N. 8-71701
- Yamamoto, N.** see Horinaka, H. 8-74047
- Yamamoto, N.** see Susaki, M. 8-88349
- Yamamoto, O.** see Takahashi, T. 8-67855, 8-79802, 8-79807
- Yamamoto, R.**, Haga, K., Shibuta, H., Doyama, M. Search for Bernal holes in a realistic structural model of amorphous iron 8-83734
- Yamamoto, R.**, Hoshiai, T., Matsuoka, H., Taira, K., Doyama, M. The calculations of the heat of crystallization and bulk modulus of glassy iron 8-51428
- Yamamoto, R.** see Heller, M. 8-70689
- Yamamoto, S.**, Chang, B., Kawano, Y., Ozaki, R., Murakami, Y. Mechanism of nodularization of graphite in cast irons treated with magnesium 8-52867
- Yamamoto, S.** see Kimura, H. 8-79468
- Yamamoto, S.** see Kita, K. 8-52949
- Yamamoto, S.** see Kudo, K. 8-55753
- Yamamoto, S.** see Nagami, M. 8-79411, 8-86685
- Yamamoto, S.** see Odajima, K. 8-86684
- Yamamoto, S.** see Ohsa, K. 8-59691
- Yamamoto, S.** see Ohtsuka, H. 8-91156
- Yamamoto, S.** see Saitou, N. 8-88407
- Yamamoto, T.** Experimental aspects of electron channelling patterns in scanning electron microscopy 8-83697
- Yamamoto, T.**, Koning, H.L., Sellmeijer, H., Van Hijum, E. On the response of a poroelastic bed to water waves 8-67208
- Yamamoto, T.**, Nozawa, T. Core losses in grain-oriented silicon steel 8-60303
- Yamamoto, T.**, Utsushikawa, Y. Effect of Ni content on the magnetic properties of a new high permeability magnetic alloy 'super sendust' in the Fe-Si-Al-Ni system 8-72897
- Yamamoto, T.** see Akiba, S. 8-66828

- Yamamoto, T. *see* Gomay, Y. 8-59690
 Yamamoto, T. *see* Hino, Y. 8-89863
 Yamamoto, T. *see* Nozawa, T. 8-76272
 Yamamoto, T. *see* Seki, J. 8-69864
 Yamamoto, T. *see* Suzuki, H. 8-92228
 Yamamoto, Y., Bando, H., Nagata, S. Brueckner-generator-coordinate method and application to α - α scattering 8-62487
 Yamamoto, Y., Cattani, M. Pressure broadening of the ammonia inversion spectrum by inert gases (He, Ar) 8-86915
 Yamamoto, Y., Kamiya, T., Yanai, H. Improved coupled mode analysis of corrugated waveguides and lasers. II. TM mode 8-83117
 Yamamoto, Y., Sumi, Y. Stress intensity factors for three-dimensional cracks 8-55601
 Yamamoto, Y., Yamada, H. Resonance Raman spectra of carbonium ions adsorbed on porous Vycor glass 8-84571
 Yamamoto, Y. *see* Katoh, N. 8-55043
 Yamamoto, Y. *see* Ohmura, Y. 8-71749
 Yamamoto, Y. *see* Yumura, S. 8-88685
 Yamamura, H. *see* Kaneko, Y. 8-64827
 Yamamura, H. *see* Moriyoshi, Y. 8-56796
 Yamamura, K. *see* Inoue, T. 8-54460, 8-86272
 Yamamura, K. *see* Uchiyama, F. 8-89504
 Yamamura, M., Mizobuchi, Y., Nishiyama, S. Generalized Schwinger representation and its application to the anharmonicity 8-54673
 Yamamura, M., Suzuki, T., Ichihashi, H. Schwinger boson representation for the quantized rotator 8-93602
 Yamamura, M. *see* Mizobuchi, Y. 8-74316, 8-89807
 Yamamura, M. *see* Ueno, K. 8-90922
 Yamamura, T., Sawa, T. The latest improvement in dental X-ray tubes 8-65129
 Yamamura, T. *see* Ejima, T. 8-59962
 Yamamuro, N. *see* Kitazawa, H. 8-94001
 Yamanaka, A., Mitsuishi, N. An experimental study on combined forced and natural convective heat transfer from spheres to power-law fluids 8-87340
 Yamanaka, C., Nakai, S., Yamanaka, T., Sasaki, T., Matoba, M., Azechi, H., Fujita, H., Norimatsu, T., Miyana, N. Laser fusion experiments in Osaka 8-50300
 Yamanaka, C. *see* Fujita, H. 8-66846, 8-74928
 Yamanaka, C. *see* Kawamura, Y. 8-63129
 Yamanaka, C. *see* Mochizuki, T. 8-74923
 Yamanaka, C. *see* Nakai, S. 8-59603
 Yamanaka, C. *see* Norimatsu, T. 8-87469
 Yamanaka, H. *see* Masuda, T. 8-53228
 Yamanaka, K. *see* Tsunasa, E. 8-80477
 Yamanaka, M., Muro, K., Narita, S. Far-infrared magnetooptions of free and bound excitons in highly [111]-stressed germanium 8-52474
 Yamanaka, M. *see* Mochizuki, T. 8-74923
 Yamanaka, S. *see* Tabata, T. 8-52886
 Yamanaka, T., Nishimoto, A., Nayatani, Y., Ikeda, J. Reproducibility of visually evoked potentials and latent chromatic response 8-92629
 Yamanaka, T. *see* Norimatsu, T. 8-87469
 Yamanaka, T. *see* Yamanaka, C. 8-50300
 Yamanaka, Y. *see* Kizukuri, Y. 8-62393
 Yamane, J. *see* Morita, M. 8-54723
 Yamane, S., Odajima, A. Determination of radial size distribution of parallel cylinders from small-angle equatorial X-ray scattering. I. A modified Riseman's method 8-83648
 Yamane, T., Hirao, K., Minamino, Y., Takahashi, J. Torsional properties of Fe-0.21 w/o C-0.2 w/o Cu alloy neutron-irradiated at 330-341°C 8-56699
 Yamane, T., Minamino, Y., Hirao, K. Interdiffusion in Al-Mg-Zn alloys 8-51751
 Yamane, T. *see* Cohen, S.M. 8-61150
 Yamane, Y. *see* Shinkawa, M. 8-58331
 Yamanishi, M., Ameda, M., Ishii, K., Kawamura, T., Tsubouchi, K., Mikoshiba, N. Optically pumped GaAs lasers with acoustic distributed feedback 8-82977
 Yamanishi, M., Ishii, K., Ameda, M., Kawamura, T. High speed repetitive Q-switching in semiconductor acoustic distributed feedback lasers 8-83007
 Yamanishi, M. *see* Kawamura, T. 8-62251
 Yamanishi, T. *see* Naruse, T. 8-66936
 Yamanishi, T. *see* Suzuki, S. 8-66938
 Yamanouchi, K., Kamiya, T., Shibayama, K. New leaky surface waves in anisotropic metal-diffused optical waveguides 8-55454
 Yamanouchi, T. *see* Vidal, R. 8-89877
 Yamanouchi, T. *see* Yok, J.K. 8-82344
 Yamaoka, H. *see* Kondo, H. 8-49937
 Yamaoka, H. *see* Matsuyama, T. 8-68538, 8-80757, 8-85292
 Yamaoka, T., Kono, R. Pretransition in ethanol-water mixtures 8-59933
 Yamaoka, T. *see* Hasegawa, O. 8-83086
 Yamaoka, T. *see* Ito, M. 8-87995
 Yamaoka, T. *see* Kono, R. 8-71792
 Yamaoka, T. *see* Koseki, K. 8-94418
 Yamasaki, H. Recent development in technology of electronic measuring instruments 8-77895
 Yamasaki, J. *see* Narita, K. 8-95421
 Yamasaki, K., Sugano, T. Anodic oxidation of GaAs using oxygen plasma 8-85015
 Yamasaki, N. *see* Kakutani, T. 8-83419
 Yamasaki, T. *see* Taira, S. 8-64793
 Yamashina, T., Mohri, M., Watanabe, K., Doi, H., Hayakawa, K. Application of AES-SIMS (IMA)-FDS combined systems to physical and chemical sputtering processes of graphite and silicon carbide surfaces with energetic ions 8-95636
 Yamashina, T. *see* Hirohata, Y. 8-92190
 Yamashina, T. *see* Mohri, M. 8-79647, 8-80444
 Yamashina, T. *see* Watanabe, K. 8-84087, 8-95210
 Yamashita, E., Atsuki, K., Hosokawa, H., Nagata, K. Some experiments on design principle of broadband electrooptic modulators 8-94438
 Yamashita, H., Todo, I., Tatsuzaki, I. Anomaly of the sound velocity near the ferroelectric phase transition of TGSe at high pressure 8-52456
 Yamashita, H. *see* Ito, T. 8-90873
 Yamashita, K., Iwamoto, M., Hino, T. A method for studying interface states in MIS structures by thermally stimulated surface potential 8-68091
 Yamashita, K. *see* Bleeker, J.A.M. 8-85941
 Yamashita, M. Anomalous gain changes in photomultiplier tubes for use in scintillation counting 8-54458
 Yamashita, M. Mechanism of the hysteresis effect in rate-dependent photomultiplier gain variations 8-89543
 Yamashita, M., Amemiya, Y. Drift mobility of positive ions in nematic MBBA at low electric field 8-87801
 Yamashita, M., Imanaka, Y., Furuta, H., Yoshimura, T. On the mechanism of passive film formation on a zinc electrode in alkaline solutions by chrono-ellipsometry 8-68900
 Yamashita, M., Nakano, H. Lee-Yang theorem on generalized Ising models with degeneracy 8-65879
 Yamashita, M. *see* Takai, K. 8-68822
 Yamashita, N. *see* Arai, I. 8-74347
 Yamashita, N. *see* Kasemura, T. 8-79857, 8-79860
 Yamashita, S. On-line sensor cleaning keeps the process flowing 8-77883
 Yamashita, S., Matsuki, S., Noguchi, S., Kitazume, H., Kiyono, M., Ishigami, Y., Shimotsu, K., Inoue, Y., Kitagaki, T., Tanaka, S., Yuta, H., Abe, K., Hasegawa, K., Yamaguchi, A., Nozaki, T., Tamai, K., Higuchi, M., Sato, M., Sato, M., Saito, H. Inclusive production of protons in pp interactions at 6.94 GeV/c 8-66170
 Yamashita, S., Takakura, K., Imai, Y., Masuhara, E. Poly(vinyl alcohol)-based membranes for hemodialysis 8-96115
 Yamashita, S. *see* Kuroda, T. 8-79032
 Yamashita, S. *see* Mizushima, T. 8-87783
 Yamashita, T. On the dynamical process of fault motion in the presence of friction and inhomogeneous initial stress. II. Relation between tectonic field and source parameters 8-88801
 Yamashita, T. Dependence of source time function on tectonic field 8-92799
 Yamashita, T. *see* Hayashi, M. 8-55662
 Yamashita, T. *see* Maeda, M. 8-55346, 8-55375
 Yamashita, Y., Ichimura, K., Shimizu, Y., Nakagiri, M. Rapid light variation of the companion of Mira Ceti in the 1977 light minimum 8-96492
 Yamashita, Y., Machara, H., Norimoto, Y. The companion of Mira Ceti in the 1976 light minimum 8-81636
 Yamashita, Y., Nishimura, S., Shimizu, M., Noguchi, T., Watanabe, E., Okida, K. Spectral classification of carbon stars by means of photoelectric photometry of line strengths 8-73711
 Yamashita, Y. *see* Ichinose, N. 8-95215
 Yamashita, Y. *see* Maehara, H. 8-89083
 Yamashita, Y. *see* Noguchi, T. 8-89062
 Yamasita, J. *see* Takeuchi, N. 8-84620
 Yamato, T. *see* Ota, R. 8-79658
 Yamato, H., Shinya, K., Morimiyu, O., Miura, A., Murakami, Y., Matsuda, S., Sako, K. Design study of a neutral injection system for the JAERI experimental fusion reactor (JXFR) 8-54972
 Yamatoya, N. *see* Saito, T. 8-82467
 Yamauchi, A., Matsubayashi, S., Matsuo, T., Ishibashi, K., Takeuchi, I., Shinohara, H. An analysis for measured values of diffusion coefficients of three components in liquid phase 8-91463
 Yamauchi, C. *see* Kametani, H. 8-60621
 Yamauchi, H. Storage electromechanical coupling of SAW on a $Pb_2KNb_2O_{15}$ single crystal 8-63919
 Yamauchi, J. *see* Sato, K. 8-83942
 Yamauchi, K. *see* Masuda, T. 8-53337
 Yamauchi, S., Azumi, T. Observation of the set of the three sublevel phosphorescence spectra. II. Mechanisms of radiative and radiationless transitions of 2,3-dichloroquinoxaline 8-70863
 Yamauchi, S., Pratt, D.W. Lifetime measurements in the vicinity of magnetically-induced avoided crossings in molecular crystals 8-80250
 Yamauchi, T. *see* Nagami, M. 8-86685
 Yamawaki, M. *see* Namba, T. 8-51740
 Yamaya, S. *see* Sadahiro, T. 8-92406
 Yamazaki, H. *see* Panepucci, H. 8-68543
 Yamazaki, K., Inoue, N., Uchida, T. Effectiveness of adiabatic heating combining minor radius compression and major radius compression of a toroidal plasma 8-94922
 Yamazaki, K. *see* Oda, J. 8-51060, 8-88514
 Yamazaki, M. On the charged Kerr-Tomimatsu-Sato family of solutions 8-62130
 Yamazaki, M. On the Kerr-Tomimatsu-Sato family of solutions with nonintegral distortion parameter 8-86204
 Yamazaki, M. On a family of solutions to the Einstein-Maxwell equations 8-89375
 Yamazaki, M. Three-particle scattering without divergence difficulty 8-93555
 Yamazaki, M., Koizumi, Y. Ductility of 18Cr-12Ni steel containing coarse irregular carbide precipitates along grain boundaries in tensile test at room temperature 8-60718
 Yamazaki, M. *see* Shoda, K. 8-54740
 Yamazaki, O. *see* Ohji, K. 8-95692
 Yamazaki, O. *see* Ono, S. 8-83199
 Yamazaki, S. Quartz thermometers achieve high accuracy 8-65932
 Yamazaki, S., Dokiya, Y., Fuwa, K. Problems of mercury determination in water samples 8-69519
 Yamazaki, T. Nuclear spallation reaction and its application 8-74345
 Yamazaki, T. A FORTRAN program for a least-square fitting—its application to a lateral absorbed-dose distribution for 25-MeV electrons 8-74505
 Yamazaki, T., Nagamine, K. Muon spin rotation and its application to magnetism studies 8-52417
 Yamazaki, T., Nakayama, H., Numao, T., Shibata, T.A. On the triaxial deformation in transitional odd-A nuclei 8-54695
 Yamazaki, T., Tomimatsu, T., Mikado, T., Chikawa, M. Supralinearity of $Mg_2SiO_4:Tb$ thermoluminescent dosimeter 8-78503
 Yamazaki, T. *see* Hashimoto, S. 8-92854
 Yamazaki, T. *see* Hayano, R.S. 8-80268
 Yamazaki, T. *see* Ikegami, H. 8-50065, 8-54731
 Yamazaki, T. *see* Kimura, K. 8-90131
 Yamazaki, T. *see* Mikado, T. 8-78502
 Yamazaki, T. *see* Nishida, N. 8-95538
 Yamazaki, T. *see* Shibagaki, M. 8-84718
 Yamazaki, T. *see* Tomimatsu, T. 8-78501, 8-78515
 Yamazaki, T. *see* Uemura, Y.J. 8-76966
 Yamazaki, T. *see* Yasuoka, H. 8-80270
 Yamazaki, Y. Comments on the critical behavior of isotropic spin systems with long- and short-range interactions 8-76256
 Yamazaki, Y., Sheline, R.K., Shera, E.B. States in ^{197}Pt populated by the (d,p), (d,t) and (n,y) reactions 8-78267
 Yamazaki, Y., Shimizu, H., Hashimoto, H. Electron spin polarization detector for hundreds eV electrons—theory 8-66693
 Yamazaki, Y., Shimizu, R., Ueda, K., Hashimoto, H. Spin-polarization and differential cross section of electron-mercury inelastic scattering 8-50644
 Yamazaki, Y., Shimizu, R., Ueda, K., Hashimoto, H. Electron impact spectra of mercury in intermediate energies 8-82842
 Yamazaki, Y. *see* Adachi, H. 8-76178
 Yamazaki, Y. *see* Okazaki, M. 8-74429
 Yamazaki, Y. *see* Wohlfahrt, H.D. 8-54679
 Yamin, S.P. *see* Bunce, G. 8-93878
 Yamin, S.P. *see* Carroll, A.S. 8-93917
 Yamin, S., Young, R.J. Comments on 'effect of environment on stability of cracking in brittle polymers' 8-95807
 Yamin, S. *see* Gledhill, R.A. 8-68783
 Yankovoi, A.I. Deformation of an isotropic regularly laminated half space under the influence of vibrations 8-63370
 Yarnikov, V.S., Malanchenko, L.L. Variation of thermal conductivity of a gas mixture under the fuel-element jacket during burn-up 8-82478
 Yamori, A., Hagiwara, M., Kaneko, O., Sasaki, S., Kawashima, N. High power electron gun system for rocket experiment 8-61566
 Yamori, A. *see* Kawashima, N. 8-57424
 Yampol'skii, E.S. *see* Malykh, N.I. 8-75414
 Yampol'skii, I.R. *see* Alferov, V.N. 8-66440
 Yamschikov, E.F. *see* Kachkurova, I.Ya. 8-75451
 Yamuguchi, T. *see* Shiba, K. 8-57968
 Yamzin, I.I. *see* Achmedzhanov, Z.I. 8-55915

- Yamzin, I.I.** *see* Emiraliyev, A. 8-95039
- Yan, C.C.** Construction of Lagrangians and Hamiltonians from the equation of motion [for teachers] 8-62016
- Yan, M.E.** Moves *see* Moves Yan, M.E.
- Yan, M.F., Johnson, D.W., Jr.** Impurity-induced exaggerated grain growth in Mn-Zn ferrites 8-92222
- Yan, T.-M.** *see* Eichten, E. 8-78143
- Yan Chan Wai** *see* Wai Yan Chan
- Yan Shi** *see* Ambartsumyan, A.S. 8-70776
- Yan Wang Zhi-Gang** *see* Jin Yan Wang Zhi-Gang
- Yan-Chi Shi** *see* Gaines, J.R. 8-79855
- Yan-ching Jean, Ache, H.J.** Positron lifetime studies in γ -irradiated organic crystals 8-72635
- Yan-chou Lu** *see* Lu Yan-chou
- Yan-Shek Hoh** *see* Monnanteuil, N. 8-82718
- Yan-Song Chen** *see* Chen Yan-Song
- Yanabu, T.** *see* Fukunaga, K. 8-54771
- Yanabu, T.** *see* Tanaka, S. 8-89883
- Yanagase, T.** *see* Kawahara, M. 8-75857
- Yanagida, S.** *see* Yoshino, K. 8-68467
- Yanagidani, T., Sano, O., Terada, M., Ito, I.** The fracture behavior of the granodiorite under uniaxial compression 8-56748
- Yanagihara, K.** *see* Fujita, K. 8-68937
- Yanagihara, S.** *see* Saito, K. 8-57305
- Yanagihara, S.** *see* Shimada, I. 8-88648
- Yanagimachi, T.** *see* Doko, T. 8-61688
- Yanagisawa, T.** *see* Azami, T. 8-62262
- Yanagisawa, Y.** *see* Fuchi, H. 8-70521
- Yanagisawa, Y.** *see* Kobayashi, H. 8-85248
- Yanagisawa, Y.** *see* Matsumura, K. 8-87878
- Yanagita, S., Imamura, M.** Excess ^{15}N in the Martian atmosphere and cosmic rays in the early solar system 8-73669
- Yanagita, S., Yamakoshi, K., Gensho, R.** Production of ^{59}Ni from α -bombardment of iron 8-78399
- Yanagita, T.** Lateral structure of electrons in an extensive air shower-simulation study 8-81513
- Yanagiuchi, Y.** *see* Kojima, T. 8-86997
- Yanai, H.** *see* Iiyama, M. 8-74966
- Yanai, H.** *see* Kodate, K. 8-82928
- Yanai, H.** *see* Nakahara, T. 8-59124
- Yanai, H.** *see* Yamamoto, Y. 8-83117
- Yanaru, T.** *see* Shibata, A. 8-88704
- Yanas, A., Cleaves, W.T., Pettersen, L.** Development of sensitivity to pictorial depth 8-77058
- Yanase, T.** *see* Minemura, K. 8-55450
- Yanchenko, A.M.** *see* Tarasik, M.I. 8-71733
- Yanchishin, F.P., Kudlak, S.M., Baranetskii, V.S.** Influence of a structural dispersion on the short-term strength of deformed copper in an atmosphere of argon 8-56693
- Yanez, M., Stewart, R.F.** The projection of molecular charge density into spherical atoms. II. An application to X-ray diffraction data 8-91187
- Yanez, M., Stewart, R.F., Pople, J.A.** The projection of molecular charge density into spherical atoms. I. Density basis functions for first-row atoms 8-91186
- Yanez, M.** *see* Lopez, V. 8-82813
- Yang, C.N.** *see* Wang, L.-L. 8-70281
- Yang, C.S.** *see* Pigford, T.H. 8-82446
- Yang, C.Y.** Relativistic scattered-wave theory. II. Normalization and symmetrization 8-62694
- Yang, C.Y., Bambakidis, G.** Calculated structural stability of small metal clusters 8-95268
- Yang, E.S.** *see* Chih-Ming Wu 8-66824
- Yang, F.H.** *see* Serway, R.A. 8-91940
- Yang, G.L., Chen, T.C.** On statistical methods in neuronal spike-train analysis 8-73149
- Yang, J.W.** Analysis of combined convection heat transfer in infinite rod arrays 8-90898
- Yang, K.H., Anderson, R., Kappert, H.F.** Identification of oxide precipitates in annealed silicon crystals 8-83952
- Yang, K.H., DeLuca, J.A.** Vacuum-ultraviolet excitation studies of $5d^{14}4f^{-1}$ to $4f^n$ and $4f^n$ to $4f^n$ transitions of Nd^{3+} , Er^{3+} , and Tm^{3+} -doped trifluorides 8-80381
- Yang, K.H., Schwutke, G.H.** Analysis of vapor-deposited silicon carbide films on silicon ribbon surfaces 8-84094
- Yang, K.S.** *see* Webber, J.C. 8-89268
- Yang, K.T.** *see* Lewis, G.B. 8-90876
- Yang, K.T.** *see* Rao, K.S. 8-92968
- Yang, S.** *see* Veverka, J. 8-53865, 8-58912
- Yang, S.D., Chishaki, T., Numata, M.** Reductive finite element analysis of unsteady ground-water flow from a tunnel opening 8-96251
- Yang, S.-D.** *see* Chishaki, T. 8-92861
- Yang, S.T., Lieberman, M.A.** Two-component, multiple-mirror reactor with depressed ion temperature 8-67393
- Yang, T.C.** SU(4) weak currents 8-74174
- Yang, T.C.** Gauge chiral U(1) symmetry and CP invariance in the presence of instantons 8-78075
- Yang, T.F.** A consideration of bundle divertors for TNS 8-58440
- Yang, T.F., Lee, A.Y., Ruck, G.W., Lange, W.J.** A compact poloidal divertor reference design for TNS 8-54894
- Yang, W.H.** *see* Amada, S. 8-79218
- Yang, W.J., Dodd, R.A., Lin, F.** Structure of vacancy-defective NiAl 8-76677
- Yang, W.-J.** *see* Lee, C.P. 8-94727, 8-94733
- Yang Chang Guk** *see* Chang Guk Yang
- Yang Chen Ning** *see* Chen Ning Yang
- Yang Chuan-zheng, Huang Shao-quan, Wang Nai-li, He Fu-xiang, Su Ying-Wei** Embrittlement of titanium alloy TA8 after long-time exposure at high temperatures 8-95792
- Yang Fu-chia, Tang Chia-Yong** A general formula for the measurement of concentrations of radon and thoron daughters in air 8-70711
- Yang Guo-Zhen** *see* Gan Zi-Zhao 8-90236
- Yang In Che** *see* In Che Yang
- Yang Jong Shii** *see* Jong Shii Yang
- Yang Jun-Zhen** *see* Lu Zao-Xun 8-61332
- Yang Kyung Rin** *see* Kyung Rin Yang
- Yang Li-Ming** *see* Yang Ze-Sen 8-82297
- Yang Shi Wu** *see* Wu Yang Shi
- Yang Sze-Cheng** *see* Sze-Cheng Yang
- Yang Wen-Jei** *see* Wen-Jei Yang
- Yang Yi-Juan** *see* Shen Zhu-Tong 8-80484
- Yang Ying-chang** The magnetic properties and Mossbauer spectra of $\text{Y}_2(\text{Fe}_{1-x}\text{Ni}_x)_{17}$ 8-95433
- Yang Ze-Sen, Zhong Yu-Shu, Qi Hui, Yang Li-Ming** A boson-fermion description of the nuclear many-body problem 8-82297
- Yang Zhen, Cheng Yu-fen, Niu Shi-wen** Enhancement of neutron diffraction of TGS monocrystals near the Curie point with the application of a DC field 8-68462
- Yanguieva, N.S.** *see* Gadzhiev, A.Z. 8-90228
- Yangui, B., Rekik, M., Nihoul-Boutang, G., Jouanin, C., Boulesteix, C., Renard, D.** Theoretical and experimental study of the transmitted intensity as a function of thickness when the incident beam is parallel to a crystallographic axis 8-63644
- Yaniv, A.** Electronic properties of a simple metal-metal interface 8-72234
- Yaniv, I.** *see* Zimmels, Y. 8-74812
- Yaniv, R.** *see* Netzer, H. 8-77616
- Yankelevich, Yu.B.** *see* Galanskiy, V.L. 8-76160
- Yankelevitch, E.B.** *see* Litvinov, E.A. 8-75460
- Yankielowicz, S.** *see* Horn, D. 8-62372
- Yanko, A.K., Solopenko, V.M., Prokhr, N.Z.** On numerical method for two-dimensional viscous flows calculation by means of the stationary Navier Stokes equation evolution approximation 8-65778
- Yanko, V.M.** Effect of heating conditions on the condition of the surface of deformed steels 45 and 40 Kh 8-53033
- Yankovska, L.B.** *see* Lisovenko, V.A. 8-56511
- Yankovskii, A.A.** *see* Ageev, V.A. 8-83539
- Yankovskii, V.M.** *see* Belyi, I.M. 8-95084
- Yannas, I.V.** *see* Jansson, J.-F. 8-56475
- Yano, H., Kitahara, N.** An error estimation in Sturm-Liouville boundary-value problem 8-81818
- Yano, H.** *see* Kieda, A. 8-79293
- Yano, H.** *see* Tachibana, H. 8-83172
- Yano, K.** *see* Enjoji, H. 8-87006
- Yano, M.** *see* Nemoto, F. 8-93788, 8-94940
- Yano, O., Kamoshida, T., Wada, Y., Sekiyama, S.** Dielectric loss of high-density polyethylene below 4.2K 8-84518
- Yano, S., Hayashi, Y., Aoki, K.** Dielectric relaxations in a few binary mixtures of p-methoxybenzylidene-p'-n-butylaniline and a nematogenic or nonmesogenic compound 8-72457
- Yano, S., Morozumi, S., Koda, S.** Lattice expansion by pre-precipitation in nitrided Mo-Ti alloys 8-68700
- Yano, T., Watanabe, A.** Broad bandwidth TeO_2 acoustooptic devices bonded with tin metal 8-50910
- Yano, T.** *see* Watanabe, A. 8-51031
- Yanokura, M., Kudo, H., Nakahara, H., Miyano, K., Ohya, S., Nitoh, O.** The half-life of ^{207}Bi and decays of ^{211}At and ^{211}Po 8-58253
- Yanovskii, V.K., Voronkova, V.I.** Electrical conductivity of A_2BO_6 -type tungstates and molybdates, and the Meyer-Neldel rule 8-72157
- Yanovskii, V.K., Voronkova, V.I., Stefanovich, S.Yu.** Crystallography, polymorphism, and properties of potassium tungstate-niobate 8-79599
- Yanovskii, V.V.** *see* Moiseev, S.S. 8-83373
- Yanson, U.V.** *see* Orlov, R.V. 8-77979
- Yanushevskii, N.I.** *see* Brodin, M.S. 8-59012, 8-74913
- Yanushkevich, V.A.** Possibility of imitation of radiation damage by action of shock waves 8-95107
- Yanushkevich, V.A.** *see* Polyaniyov, A.V. 8-87979
- Yanyutin, E.G.** *see* Guz', I.S. 8-80707
- Yao, H.C., Rothschild, W.G.** Infrared spectra of chemisorbed CO in $\text{Rh}/\gamma\text{-Al}_2\text{O}_3$: site distributions and molecular mobility 8-72496
- Yao, L.S., Catton, I.** Thermal instability of a volumetrically-heated pool with phase change and a free upper surface 8-89960
- Yao, M.** *see* Tsuji, K. 8-51976, 8-87959
- Yao, S.C., Henry, R.E.** Experiments of quenching under pressures 8-94587
- Yao, S.K., Anderson, D.B.** Shadow sputtered diffraction-limited waveguide Luneburg lenses 8-87132
- Yao, T.** *see* Ueda, Y. 8-60803
- Yao, W.W.** *see* Mattheiss, L.F. 8-84159
- Yao, Y.P.** *see* Kane, G.L. 8-66076
- Yao Lun-Shin** *see* Lun-Shin Yao
- Yao Shi-chune** *see* Shi-chune Yao
- Yao York-Peng** *see* York-Peng Yao
- Yao Yu-Shu, Zhao Yu-Ling, Peng Rui-Ping, Wang Wen-Kui** Grain growth in Ni-Zn ferrites under high pressures 8-52825
- Yao Yu-shu** *see* Zhao Yu-ling 8-68654
- Yao-teh Yin** *see* Yin Yao-teh
- Yaouanc, A.** *see* Le Yaouanc, A.
- Yaplee, B.S.** *see* Walsh, E.J. 8-81172
- Yarba, V.A.** *see* Asratyan, A.E. 8-62389
- Yarba, V.A.** *see* Baranov, D.S. 8-62390
- Yarba, V.A.** *see* Bunyatov, S.A. 8-89816
- Yarbus, A.L.** Work of the human visual system. VII. Opposite colour difference and anti-colour. Fourth series of experiments 8-65004
- Yarbus, A.L.** Work of the human visual system. VIII. Description of operations with colours by means of vector algebra 8-96047
- Yarema, S.M.** *see* Linford, G.J. 8-59036
- Yaremenko, V.I.** *see* Katrunova, E.A. 8-75235
- Yaremko, Z.M.** *see* Lipatov, Yu.S. 8-53271
- Yarger, D.N.** *see* Weinbeck, R.S. 8-65373
- Yarin, A.S.** *see* Dzhaugashtin, K.E. 8-67241, 8-94850
- Yaritsyna, I.A., Kucheryavenko, E.P., Kuteeva, T.M., Tumolskii, V.A., Frolov, E.A., Kharitonov, I.A.** Improved standard installation for reproducing unit of thermal-neutron flux density 8-74524
- Yaritsyna, I.A.** *see* Garapov, E.F. 8-82410
- Yariv, A.** Four wave nonlinear optical mixing as real time holography 8-50853
- Yariv, A.** Phase conjugate optics and real-time holography 8-83034
- Yariv, A., Yeung, J.Au., Fekete, D., Pepper, D.M.** Image phase compensation and real-time holography by four-wave mixing in optical fibers 8-63039
- Yariv, A.** *see* Auyeung, J. 8-55410
- Yariv, A.** *see* Hong, C.S. 8-63172
- Yariv, A.** *see* Lee, C.P. 8-50774, 8-55364, 8-59981, 8-71232
- Yariv, A.** *see* Margalit, S. 8-88026
- Yariv, A.** *see* Pepper, D.M. 8-71044, 8-74946
- Yariv, A.** *see* Shellan, J.B. 8-66882, 8-74926
- Yariv, Y.** *see* Wilts, L. 8-66302
- Yarkho, S.A., Filin, N.V., In'kov, A.P., Stat'ev, A.A., Utkin, V.N.** Heat transfer, fluid dynamics and thermal inequilibrium in dispersed flow film boiling of hydrogen, nitrogen and argon in vapor generators 8-75190
- Yarkony, D., Silbey, R.** Polaritons in a spatially dispersive medium: Surface effects. I 8-56081
- Yarkony, D.R.** Comment on the electronic structure of polydiacetylenes 8-91620
- Yarkony, D.R.** *see* Bauschlicher, C.W., Jr. 8-66462
- Yarkony, D.R.** *see* Lucchese, R.R. 8-62695
- Yarlagadda, B.S., Robinson, J.E., Brandt, W.** Effective-charge theory and the electronic stopping power of solids 8-67759
- Yarmchuk, E.J., Glaberson, W.I.** Sensitive temperature gradiometer for use at low temperatures 8-57949
- Yarmchuk, E.J., Glaberson, W.I.** Thermorotation effects in superfluid helium 8-79832
- Yarmolyuk, Ya.P., Lysenko, L.A.** The crystal structure of Zr_2CoSi_2 compound 8-83774
- Yarmolyuk, Ya.P.** *see* Aksel'rud, L.G. 8-83773
- Yarmukhamedov, R.** *see* Mazitov, B.S. 8-78340
- Yarmukhametov, N.G.** *see* Shtyrkov, E.I. 8-66861
- Yarmus, L.** *see* Rosenthal, J. 8-72389
- Yarnykh, V.A.** *see* Ipatov, V.V. 8-65362
- Yaron, S.** *see* Goldschmidt, S. 8-53173
- Yarosh, V.E.** *see* Buzulukov, Yu.P. 8-82547
- Yaroshek, A.D.** Nondestructive structural identification of several engineering glass-plastics 8-92422
- Yaroshenko, I.F.** *see* Glukhovskoy, B.M. 8-54459
- Yaroshevich, V.D., Lapin, A.N.** Effect of neutron irradiation on the plasticity characteristics of metals 8-64607
- Yaroslavskii, G.F.** *see* Khazanyuk, A.L. 8-57061
- Yaroslavskii, L.P.** *see* Merzlyakov, N.S. 8-82930
- Yaroslavskii, V.L.** *see* Chuiko, G.A. 8-57057
- Yaroslavtsev, A.A.** *see* Dubovoy, A.P. 8-67330
- Yartsev, I.M.** *see* Pakhomov, E.P. 8-91177

- Yartsev, Yu.V.** *see* Bronin, S.Ya. 8-75365
- Yarunin, V.S.** *see* Damaskinskii, E.V. 8-73870
- Yarwood, G.** *see* O'Hara, M.J. 8-65236
- Yarwood, J., Ackroyd, R., Robertson, G.N.** Vibrational relaxation of hydrogen-bonded species in solution. II. Analysis of $\nu_1(\text{XH})$ absorption bands 8-84560
- Yarwood, J.** *see* Close, K.J. 8-85156
- Yarwood, J.** *see* Robertson, G.N. 8-84559
- Yarygina, N.I.** *see* Mironov, B.P. 8-83379
- Yarygina, N.Y.** *see* Mironov, B.P. 8-94545
- Yaryshev, N.A., Utochkin, S.V.** Dynamic properties of heat flow meters of the auxiliary wall type 8-86265
- Yarzhemsky, V.G.** *see* Nefedov, V.I. 8-50464
- Yasevichyute, Ya.** *see* Danelylus, R. 8-71150
- Yashchuk, S.S.** *see* Tolochko, S.P. 8-60637
- Yashin, G.Yu.** *see* Gol'tsev, A.V. 8-80343
- Yashin, V.A.** *see* Frank, G.M. 8-96024
- Yashin, V.E.** *see* Sokolova, R.S. 8-83108
- Yashin, Yu.Ya.** *see* Gotsakova, L.S. 8-59606
- Yashiro, K., Goto, N.** Analysis of generation of acoustic waves on the surface of a semi-infinite piezoelectric solid 8-51809
- Yashiro, T.** *see* Katsuyama, Y. 8-63175
- Yashiro, Y.** *see* Morikawa, H. 8-79904
- Yashkir, Yu.N.** *see* Puchkovskaya, G.A. 8-87919
- Yashnov, V.A.** *see* Kotik, D.S. 8-85757
- Yashumov, I.V.** *see* Gribkovskii, V.P. 8-90416
- Yasillo, N.J.** *see* Turner, D.A. 8-65111
- Yaskov, A.D.** *see* Pikhitin, A.N. 8-84548
- Yas'kov, E.N.** *see* Il'yushonok, A.S. 8-85420
- Yaskovets, L.I.** *see* Shakhovitsov, V.I. 8-56166
- Yasnikov, G.P., Belousov, V.S.** Exergy representation in the thermodynamics of irreversible processes 8-65892
- Yassievich, I.N.** *see* Zotova, N.V. 8-56518
- Yasskin, P.B.** *see* Budic, R. 8-70023
- Yastrebov, V.P.** Shock loading of an infinite plate contiguous to a fluid 8-90765
- Yastrebov, V.S., Stefanov, G.A.** Underwater robot/manipulator development 8-77356
- Yastrebov, V.V.** *see* Velizhanina, K.A. 8-94497
- Yastremskii, P.S.** *see* Lyashchenko, A.K. 8-63659
- Yastrzab, J.C.** *see* Saukulak, E.J. 8-80475
- Yastrzhemskii, A.L.** *see* Zhitomirskii, I.S. 8-62204
- Yasu, M.** *see* Takahashi, S. 8-55445
- Yasuda, A., Takeda, S.** Modified laser interferometry to measure the electron density profile of a plasma column 8-67429
- Yasuda, H.** Thermal conductivity of solid CH_4 and CD_4 8-51753
- Yasuda, H.** An alternative approach to Brosche's model for catalog comparisons 8-81559
- Yasuda, H., Fukaya, R., Hara, H., Ishii, H., Adachi, Y., Isobe, S., Miyauchi, N., Suzuki, S.** Meridian observations of major and minor planets, 1974-1977 8-69660
- Yasuda, H., Hsu, T.** Plasma polymerization investigated by the comparison of hydrocarbons and perfluorocarbons 8-88634
- Yasuda, H.** *see* Kanada, H. 8-89676
- Yasuda, I.** *see* Yamagata, S. 8-71255
- Yasuda, K., Metahi, H., Kanzawa, Y.** Structure and morphology of an age-hardened gold-copper-silver dental alloy 8-92272
- Yasuda, K.** *see* Suzuoki, Y. 8-76090
- Yasuda, N., Sumi, K., Shimizu, H., Fujimoto, S., Okada, K., Suzuki, I., Sugie, H., Yoshino, K., Inuishi, Y.** Hydrostatic pressure effect on the phase transition of squaric acid $\text{H}_2\text{C}_4\text{O}_4$ 8-55941
- Yasuda, N.** *see* Shimizu, H. 8-84533
- Yasuda, S., Shigesawa, H., Takiyama, K.** A super resolution technique in long wavelength holography 8-66787
- Yasuda, T.** *see* Kobayashi, K. 8-73270
- Yasuda, Y., Saeki, M.** Kinetic details of a gas-surface system by the frequency response method 8-51817
- Yasuda, Y.** *see* Akatsuka, K. 8-81951
- Yasuda, Y.** *see* Hatanaka, K. 8-64124
- Yasuda, Y.** *see* Onga, S. 8-88039
- Yasue, K.** A simple derivation of the Onsager-Machlup formula for one-dimensional nonlinear diffusion process 8-77816
- Yasue, K.** Stochastic quantization of wave fields and its application to dissipatively interacting fields 8-86184
- Yasue, K., Yamada, Y., Isotani, M., Kondo, Y.** On the elasto-plastic thermal stresses in the axis-symmetric problems 8-51096
- Yasue, K., Yamada, Y., Isotani, M., Kondo, Y.** Calculation of heat transfer by the finite element method 8-89414
- Yasue, M.** Universal neutral current interactions and urbaryon-lepton correspondence 8-66068
- Yasue, M.** *see* Toba, Y. 8-82336
- Yasugi, T.** *see* Ueno, Y. 8-50917
- Yasukawa, S.** *see* Aochi, T. 8-66330
- Yasukouchi, N.** *see* Yuo, S. 8-83455
- Yasumoto, Y., Nakamura, A., Takeuchi, R.** Amplitude-dependent attenuation of acoustic shock pulses in aluminum rod 8-55503
- Yasumoto, Y., Takeuchi, R.** Amplitude dependence of attenuation and velocity of acoustic shock pulse in Fe-Cr-Al alloy 8-63810
- Yasuno, M.** *see* Nishioka, H. 8-50110
- Yasuno, M.** *see* Watanuki, G. 8-62481
- Yasuno, T.** *see* Aochi, T. 8-66330
- Yasuoka, H.** Magnetic properties of transition metal monosilicides, with particular emphasis on NMR studies 8-52368
- Yasuoka, H., Hayano, R.S., Nishida, N., Nagmaine, K., Yamazaki, T., Ishikawa, Y.** Temperature dependence of the positive-muon Knight shift in MnSi 8-80270
- Yasuoka, H.** *see* Hayano, R.S. 8-80268
- Yasuoka, H.** *see* Kitaoka, Y. 8-56397
- Yasuoka, H.** *see* Motoya, K. 8-56403
- Yasuoka, H.** *see* Tsuda, T. 8-76332
- Yasutomi, M.** *see* Hasegawa, Y. 8-60871
- Yasutomi, T., Yokota, T.** Heat transfer from the surface of a body fixed in a fluidized bed 8-79368
- Yasuura, K., Ikuno, H.** Smoothing process on the mode-matching method for solving two-dimensional scattering problems 8-58886
- Yasuura, K.** *see* Ikuno, H. 8-58887
- Yasuura, K.** *see* Okuno, Y. 8-86998
- Yasvina, R.N.** *see* Kaplan, E.D. 8-79083
- Yatagai, T., Idesawa, M.** Scanning Moire method and automatic measurement of 3-D shapes 8-77865
- Yates, B., McCalla, B.A., Sargent, J.P., Rogers, K.F., Kingston-Lee, D.M., Phillips, L.N.** The thermal expansion of carbon fibre reinforced plastics IV. Ply multidirectional effects 8-95165
- Yates, B., McCalla, B.A., Sargent, J.P., Rogers, K.F., Phillips, L.N., Kingston-Lee, D.M.** The thermal expansion of carbon fibre reinforced plastics. III. The influence of resin type 8-95164
- Yates, B.** *see* Drake, C.F. 8-59759
- Yates, B.** *see* Harwood, C. 8-91452
- Yates, D.** A CCD-based control system for crystal growth 8-68623
- Yates, F.F.** *see* Sweeney, L.H. 8-81560
- Yates, J.** *see* Tomlinson, W.J. 8-76784, 8-88574
- Yates, J.T., Jr.** *see* Chi-Ming Chan 8-87852
- Yates, J.T., Jr.** *see* Fisher, G.B. 8-73080
- Yates, J.T., Jr.** *see* Madey, T.E. 8-71958, 8-87872
- Yates, J.T., Jr.** *see* Somorjai, G.A. 8-88553
- Yates, S.W., Filo, A.J.** On the decay of ^{150}Pr 8-89817
- Yates, S.W., Johnson, N.R., Riedinger, L.L., Kahler, A.C.** Lifetimes of ground-band states in ^{150}Nd 8-50124
- Yates, S.W.** *see* Ahmad, I. 8-78268
- Yato, T.** *see* Yoshizawa, H. 8-68928
- Yatsenko, A.F.** *see* But, Z.P. 8-68608
- Yatsenko, A.I.** Relative proper motions of Trapezium type multiple systems. I 8-93314
- Yatsenko, A.S.** *see* Beterov, I.M. 8-70954
- Yatsenko, A.V.** *see* Benderskii, V.A. 8-76512
- Yatsenko, S.P., Semenov, B.G., Chumtunov, K.A.** The Yb-Ga phase diagram 8-56615
- Yatsenko, S.P.** *see* Chumtunov, K.A. 8-84775
- Yatsenko, Yu.P.** *see* Kravtsov, N.V. 8-79044
- Yatsenich, V.B.** *see* Shirobokov, A.M. 8-93010
- Yatsishen, V.V.** *see* Akhmediev, N.N. 8-92040
- Yatsiu, S.** *see* Degani, J. 8-66517
- Yatskevich, G.M.** *see* Arinkin, S.M. 8-94579
- Yatsun, M.A., Kardash, Yu.I., Chernov, A.S.** An analysis of method errors in inspecting pipe differing in wall thickness 8-72983
- Yatsuya, S.** *see* Saito, Y. 8-63685
- Yatsuzuka, M., Imai, K., Isono, M., Satoh, K.** Ion cyclotron harmonic instabilities driven by an ion beam of perpendicular energy 8-91124
- Yau, A.W.** Electron scattering from noble gases 8-82840
- Yau, A.W., Pritchard, H.O.** Ionization in a dense hydrogen plasma: analytic solution of the master equation 8-59544
- Yau, A.W., Pritchard, H.O.** A reformulation of the theory of unimolecular reactions 8-80712
- Yau, T.M., Kim, S.C.** Radioprotection of mammalian cells by procaine 8-65080
- Yavador, B.M.** *see* Gasanly, N.M. 8-92070
- Yavador, B.M.** *see* Tagirov, V.I. 8-76521
- Yavna, S.A.** *see* Demekhin, V.F. 8-92145
- Yazaki, K.** *see* Amakawa, H. 8-62537
- Yazaki, M.** *see* Tsuruta, T. 8-56937
- Yazaki, S.** *see* Hasegawa, S. 8-72115
- Yazaki, T., Imai, T., Kishi, Y.** Reversible optical information storage element using M-centres in NaF crystals 8-94416
- Yazawa, S.** *see* Hayakawa, S. 8-95230
- Yazev, A.I., Medvedkov, E.P.** Photoelectric device with high time resolution 8-73633
- Yazev, A.I.** *see* Sergienko, V.I. 8-73614
- Yea-Hwang Uang** *see* Stwalley, W.C. 8-94301
- Yeadon, A.** Molecular models based on Petri dishes 8-73817
- Yeager, D.L., Sun, H., Freed, K.F., Herman, M.F.** Ab initio calculation of the effective valence shell Hamiltonian of carbon: simultaneous treatment of neutral and ion states 8-82611
- Yeager, D.L.** *see* Herman, M.F. 8-86910
- Yeager, D.M.** *see* Frank, L.A. 8-85801
- Yeager, E.** *see* Adzic, R. 8-61047
- Yeager, E.** *see* Borsay, F. 8-91526
- Yeates, C.M., Ogilvie, K.W., Siscoe, G.L.** Plasma electron observations in the wake of Venus 8-77510
- Yeates, D.G.R.** *see* Weber, I.T. 8-80830
- Yedintsov, I.M.** *see* Vangermann, G. 8-68988
- Yee, B.G.W.** *see* Couchman, J.C. 8-53040, 8-87214
- Yee, D.P.** *see* Paterson, J.A. 8-66381
- Yee, J.H., Viswanathan, K.S.** Vacuum structure of the SU(3) gauge field theory in the Coulomb gauge 8-62311
- Yee, K.C., Chance, R.R.** Synthesis and properties of a new polydiacetylene: poly[1,6-di(N-carbazolyl)-2,4-hexadiene] 8-76858
- Yee, K.K.** *see* Archer, N.J. 8-92404
- Yee-Yen Lee, Chin-kun** μ -e Alternative heavy-lepton model for μ -e events 8-66102
- Yefremova, I.S., Smirnov, M.S.** The temperature field inside a vaporizing droplet 8-51042
- Yegnasubramanian, S.** *see* Gangadharan, S. 8-73116
- Yegneswaran, A.H., Prasad, Y.V.R.K., Raman, K.S.** Crystallographic texture and hardness in work softened and annealed cadmium-1% silver alloy 8-80559
- Yegorova, N.P.** *see* Valitov, R.R. 8-71014
- Yeh, C.** On multimode optical fiber couplers 8-63198
- Yeh, C., Casperson, L., Szejn, B.** Propagation of truncated Gaussian beams in multimode fiber guides 8-90510
- Yeh, C.** *see* Casperson, L.W. 8-71030
- Yeh, C.-T.** *see* Min, B.K. 8-85146
- Yeh, H.L., Tighe, H.F., Hunt, D.L.** Auger quantitative analysis on some metal oxides 8-73104
- Yeh, H.T.** A perturbation-polynomial expansion formulation of 3-D eddy current problems 8-66372
- Yeh, H.T.** *see* Uckan, N.A. 8-54981
- Yeh, J.T.C., Langenberg, D.N.** Gap suppression by self-injection of quasiparticles in tin-oxide-tin tunnel junctions 8-80102
- Yeh, J.Z., Armstrong, C.M.** Immobilisation of gating charge by a substance that simulates inactivation 8-61154
- Yeh, K.C.** *see* Hearn, A.L. 8-77398
- Yeh, L.T.** *see* Chung, B.T.F. 8-94564
- Yeh, P.** *see* Shellan, J.B. 8-66882, 8-74926
- Yeh Bing-Hui** *see* Bing-Hui Yeh
- Yeh Cheh-Chih** *see* Cheh-Chih Yeh
- Yeh Hsueh-Weh** *see* Hsueh-Weh Yeh
- Yeh Juu-Lin** *see* Juu-Lin Yeh
- Yeh Kung Chie** *see* Kung Chie Yeh
- Yekutieli, G.** *see* Braun, H. 8-58208
- Yekutieli, G.** *see* Eisenberg, Y. 8-54657
- Yelderman, J.C.** *see* Font, R.G. 8-73337
- Yelfimov, Ye.I., Voznyak, V.M., Kantseva, T.A., Yevstigneyev, V.B.** Spectral-kinetic characteristics of the cation-radical of pheophytin a 8-96008
- Yeliseyev, P.G., Lavrov, V.N., Sukhov, Ye.G.** Unique features of lasing in injection lasers for short pump pulses 8-82971
- Yelkin, A.P.** Theoretical analysis of the forces responsible for interaction of the bilayer lipid membranes in the zone of contact 8-53345
- Yell, R.W.** *see* Clarke, R.N. 8-77937
- Yellin, J., Perlman, I., Asaro, F., Michel, H.V., Mosier, D.F.** Comparison of neutron activation analysis from the Lawrence Berkeley Laboratory and the Hebrew University 8-70245
- Yellin, S.J.** *see* Caldwell, D.O. 8-54635
- Yelon, A.** Application of IETS to trace substance detection 8-92589
- Yelon, A.** *see* Bacquet, G. 8-60393
- Yelon, A.** *see* Quach, H.T. 8-95526
- Yelon, W.B.** *see* Messenger, J.C. 8-55825
- Yemel'yanov, A.I.** *see* Ryabov, A.N. 8-55638
- Yemel'yanova, G.N.** *see* Ginevskiy, A.S. 8-63421
- Yemen, M.R.** *see* Dye, J.L. 8-52526
- Yemin, L.** *see* Pierce, C.W. 8-50364
- Yen, J.L.** *see* Moran, J.M. 8-93377
- Yen, K.H., Wang, K.L., Kagiwada, R.S., Lau, K.F.** Interdigital transducers—a means of efficient bulk wave excitation 8-59251
- Yen, L.Y., Eichinger, B.E.** Volume dependence of the elastic equation of state 8-67832
- Yen, L.Y., Eichinger, B.E.** Vapor sorption isotherms for benzene and n-heptane with poly(styrene-co-Butadiene) 8-68912
- Yen, M.M.** King *see* King Yen, M.M.
- Yen, R.** *see* Liu, P. 8-84684
- Yen, S.P.S.** *see* Somoano, R.B. 8-68023
- Yen, W.** *see* Lord, W. 8-88595
- Yen, W.M.** *see* Egbert, W.C. 8-68255
- Yen, W.M.** *see* Selzer, P.M. 8-84642
- Yen, W.M.** *see* Wilson, B.A. 8-75999

- Yen Le Bach *see* Le Bach Yen
 Yen-chou Lu *see* Lu Yen-chou
Yen-Ping Shih, Jen-De Tsou Extended Leveque solutions for heat transfer to power law fluids in laminar flow in a pipe 8-59425
Yenchu, A.J., Wu, K.T. Energy transfer processes in reactions of $\text{He}(2^3\text{S})$ with triatomic molecules. II. H_2O and H_2S 8-85138
Yener, G., Birgul, O., Aras, N.K. Ranges and kinetic energies of fragments from spontaneous fission of ^{252}Cf 8-94037
Yenikeyeve, F.Kh., Kozhevnikov, D.A., Starikov, V.N. Role of elastic and non-elastic scattering of neutrons during interaction with nuclei of rock-forming elements in a borehole-layer system 8-61582
Yennie, D.R. The hadronic properties of the photon 8-82217
Yennie, D.R. *see* Bauer, T.H. 8-74266
Yennie, D.R. *see* Bodwin, G.T. 8-74806, 8-94336
Yeomans, J.M., Stinchcombe, R.B. Critical properties of the site-diluted Ising ferromagnet 8-72351
Yeomans, S.R., McCormick, P.G. An investigation of precipitation and strengthening in age-hardening copper-manganese alloys 8-72782
Yeow, K.W., Popplewell, N., Mackay, J.F.W. Shielding of noise from statistically stationary traffic flows by simple obstacles 8-90590
Yeow, Y.T., Brinson, H.F. An experimental investigation on the tensile moduli and strengths of graphite/epoxy laminates 8-52870
Yerbury, M.J. *see* Batty, M.J. 8-69692
Yerence, R.A. Accelerated testing and the Arrhenius equation 8-53182
Yeremenko, Ye.V. *see* Barannik, V.A. 8-65319
Yergakov, V.S., Moiseyev, M.A. Cyclotron-resonance maser amplifier with frequency conversion 8-55329
Yeroshenko, V.M., Klimov, A.A., Terent'yev, Yu.N. Heat and mass transfer in the zone of transition from laminar to turbulent flow on a permeable surface 8-83361
Yersin, H. Energy transfer from linear stacks of tetracyanoplatinate(II) to rare earth ions 8-68546
Yersin, H. *see* Holzapfel, W. 8-52538
Yeseppina, N.A., Vasil'yev, B.A., Vodovatov, I.A., Vysotskiy, M.G., Vinogradov, G.K. An investigation of the radiation characteristics of the RATAN-600 radiotelescope by the optical modeling method 8-96395
Yeshurun, Y., Havlin, S., Schlesinger, Y. Static and dynamic aspects of perturbed angular correlation measurements in perovskite crystals 8-88241
Yeshurun, Y., Schlesinger, Y., Havlin, S. Critical behaviour of electric field gradient in the perovskite-type ferroelectric PbHfO_3 8-80303
Yesipova, N.G., Rogulenkova, V.N., Zel'dina, A.Ye. Problems of selecting the radiation for X-ray analysis of biological structures in the native form (as illustrated by collagen treated as part of the derma) 8-81087
Yessik, M.J. Laser material processing 8-80663
Yesso, J.D. *see* McGruey, J.N. 8-71719
Yester, M.V., Barnes, G.T. Geometrical limitations of computed tomography (CT) scanner resolution 8-73237
Yeung, E.S. *see* Goff, D.A. 8-61083
Yeung, E.S. *see* Kuo-mei Chen 8-78762
Yeung, J.Au. *see* Yarif, A. 8-63039
Yeung, P.S. *see* Cheng, H. 8-62341
Yeung, P.S. *see* Hung Cheng 8-66063
Yeung, W.B. The Euclidean path integrals and the Feynman-Dyson-Wick perturbation expansion 8-49957
Yevdokimova, L.V. *see* Ivanov, K.G. 8-69637
Yevick, D. The induced axial vector coupling for muon-neutrino electron scattering in weak vector-like models 8-50025
Yevstigneyev, V.B. *see* Shkuropatov, A.Ya. 8-53328
Yevstigneyev, V.B. *see* Yelfimov, Ye.I. 8-96008
Yevtodienko, Yu.V. *see* Kudzina, L.Yu. 8-64966
Yevtodiynenko, Yu.V. *see* Yurkov, I.S. 8-53365
Yi Chen, E. *see* Dillon, J.F., Jr. 8-88121
Yi He *see* He Yi
Yi Sun-Sheng, Liang Jing-Kui Variation of lattice constants in the $\alpha\text{-Li}_2\text{O}_3$ single crystal under the action of an electrostatic field 8-83787
Yi Sun-Sheng *see* Liang Jing-Kui 8-67666
Yi-Chao Xu *see* Xu Yi-Chao
Yi-der Chen *see* Hill, T.L. 8-86222
Yi-Han Kao A model of nonequilibrium effects in superconducting weak links 8-95396
Yi-Juan Yang *see* Yang Yi-Juan
Yi-Shung Chang, Huel Li Huang Current crowding and flux divergence in a defected stripe 8-71885
Yi-zhi Chen *see* Chen Yi-zhi
Yih-Hsing Pao Betti's identity and transition matrix for elastic waves 8-90744
Yih-Hsing Pao *see* Sachse, W. 8-81848
Yih-Hsing Pao *see* Varadan, V.K. 8-63216
Yilmaz, H. Field theory approach to gravitation 8-81910
Yilmaz, N. *see* Aydin, C. 8-53984
Yilmazer, U. *see* Valanis, K.C. 8-76734, 8-92320
Yim, A., Epstein, M., Bankoff, S.G., Lambert, G.A., Hauser, G.M. Freezing-melting heat transfer in a tube flow 8-94585
Yin, L.L., Seltzer, S.M., Trombka, J.I. A portable low-dose X-ray imaging system 8-85375
Yin, S.-Y., Fahrenbruch, A.L., Bube, R.H. Photo voltaic properties of ZnCdS/CdTe heterojunctions prepared by spray pyrolysis 8-60196
Yin Hsi-kuang *see* Ho Hsin-lai 8-84811
Yin Lo I *see* Lo I Yin
Yin Pong-Cheng Quantum expansion around the vertex type solution of N-O model 8-82111
Yin Shu-Zhi *see* Liu Gou-Xing 8-78427
Yin Wan-Lee *see* Wan-Lee Yin
Yin Yao-teh *see* Luo Chi-hsun 8-84825
Yin-Kang Hsieh, Sze-Cheng Yang, Tam, A.C., Stwalley, W.C. The potential energy curves of the $\text{X}^1\Sigma^+$ and $\text{A}^1\Sigma^+$ states of C_2H 8-50486
Yin-Kang Hsieh *see* Stwalley, W.C. 8-90314
Ying, S.P. *see* Dennison, E.E. 8-87194
Ying Lung-An The infinite similar element method for calculating stress intensity factors 8-79277
Ying-cai Wang *see* Wang Ying-cai
Ying-chang Yang *see* Yang Ying-chang
Ying-Chu Hoh, Bautista, R.G. Chemically based model to predict distribution coefficients in the Cu-LIX 65N and Cu-KELEX 100 systems 8-53244
Ying-Nan Chiu *see* Metropoulos, A. 8-76849, 8-92461
Ying-Ping Chang *see* Chang Ying-Ping
Ying-Wei Su *see* Su Ying-Wei
Yingst, D.R., Hoffman, J.F. Changes of intracellular Ca^{++} as measured by Arsenazo III in relation to the K permeability of human erythrocyte ghosts 8-96032
Yinn-Nien Huang, Bor-Shenn Jeng On the forenoon bite-out in the critical frequency of the F2-layer 8-65453
Yinnon, A.T. *see* Gerber, R.B. 8-64437
Yinnon, A.T. *see* Murrell, J.N. 8-92156
Yip, G.L., Colombini, E. Analysis of an inhomogeneous symmetric cladded slab optical waveguide 8-66923
Yip, G.L. *see* Colombini, E. 8-66954
Yip, G.L. *see* Safaai-Jazi, A. 8-87161
Yip, S. *see* Bishop, G.H., Jr. 8-87687
Yip Gar Lam *see* Gar Lam Yip
Yiu-Shing Lam, Mak, T.C.W. Crystal data for some tetraethylammonium salt hydrates 8-67702
Ylinen, E. Nuclear spin-lattice relaxation studies on the motions of ammonium and borohydride ions in solids 8-56388
Yndurain, F. New interpretation of the electronic structure of SiO_2 8-84120
Yndurain, F. *see* Kiwi, M. 8-72059
Yndurain, F. *see* Verges, J.A. 8-52045, 8-95327
Yndurain, F.J. Electromagnetic corrections to asymptotic freedom predictions in e^+e^- annihilation and deep inelastic scattering 8-62403
Yndurain, F.J. *see* Aguilar-Benitez, M. 8-82228
Yndurain, F.J. *see* Lopez, C. 8-89355
Yngvason, J. On the decomposition of Wightman functionals in the Euclidean framework 8-54566
Yo Han Chang *see* Soo Hyun Suh 8-54818
Yock, P.C.M. *see* Putt, G.D. 8-54334
Yoda, J., Nakadan, Y., Koga, Y. Improvement of the frequency stability of the Cs frequency standard NRLM-I 8-62184
Yoda, R. *see* Itagaki, T. 8-80617
Yoda, Y., Shigesawa, H., Takiyama, K. Mode excitation and impulse response in the multi-mode self-focusing fiber 8-83107
Yoder, M.J., Legner, H.H., Jacob, J.H., Ahoué, D.R. Theoretical and experimental performance of a high-power CW electron-beam-sustained electric laser 8-71074
Yodh, G.B. *see* Siohan, F. 8-73593, 8-90019
Yoganarasimhan, S.R. *see* Sval, S.K. 8-59971
Yoh, J.K., Herb, S.W., Hom, D.C., Lederman, L.M., Sens, J.C., Snyder, H.D., Ueno, K., Brown, B.C., Brown, C.N., Innes, W.R., Kephard, R.D., Yamanouchi, T., Fisk, R.J., Ito, A.S., Jostlein, H., Kaplan, D.M. Study of scaling in hadronic production of dimuons 8-82344
Yoh, J.K. *see* Vidal, R. 8-89877
Yohda, M. *see* Nihei, M. 8-80649
Yokasawa, A. *see* Aver, I.P. 8-62432
Yokata, M. *see* Wakabayashi, K. 8-51395
Yokobori, A.R., Jr., Yokobori, T. The opening characteristics as fracture phenomena by piercing through the arteriograph of the bovine and the swine 8-92746
Yokobori, A.T., Jr. Discussion: 'Prediction of threshold stress intensity for fatigue crack growth using a dislocation model' by K. Sadananda and P. Shahinian 8-79662
Yokobori, A.T., Jr., Yokobori, T., Ouchi, H., Sasaki, H. Tensile fracture behaviour of vascular substitutes 8-77157
Yokobori, A.T., Jr. *see* Yokobori, T. 8-60774
Yokobori, T., Konosu, S., Yokobori, A.T., Jr. Micro and macro fracture mechanics approach to brittle fracture and fatigue crack growth 8-60774
Yokobori, T. *see* Kawasaki, T. 8-68823
Yokobori, T. *see* Yokobori, A.R., Jr. 8-92746
Yokobori, T. *see* Yokobori, A.T., Jr. 8-77157
Yokogawa, M., Ando, K., Yamabe, K., Adachi, S., Hamaguchi, C. Resonant Brillouin scattering as an analogy to modulation spectroscopy 8-68526
Yokoi, H. *see* Ito, K.-I. 8-65101
Yokoi, K., Ohba, Y. Recovery of X-ray radiation damage in anthracene single crystals 8-75694
Yokoi, Y. *see* Nagata, M. 8-87510, 8-87581
Yokomizo, H., Ikoma, T. Annealing effect on carrier density profile in GaAs covered with anodic oxide 8-88040
Yokomizo, H. *see* Nagami, M. 8-79411
Yokomizo, O., Sumida, I., Fukuda, K., Kobori, T., Hirao, S., Kobayashi, H. Two-phase flow instability caused by density pressure drop 8-54814
Yokoo, K. *see* Aishima, A. 8-56152
Yokosawa, A. Asymmetry measurements in nucleon-nucleon scattering with polarized beams and targets at ZGS to Fermilab energies 8-62459
Yokosawa, A. Resonant-like structures in pp system in the mass region 2100 to 2800 MeV 8-89745
Yokosawa, A. *see* Auer, I.P. 8-62433, 8-78206
Yokosawa, A. *see* Colton, E. 8-55074
Yokosawa, A. *see* Snyder, J.H. 8-89738
Yokoshima, I. Microwave noise standards 8-57985
Yokoshima, I. *see* Uchiyama, F. 8-89504
Yokota, H., Suzuki, Y. An effect of nuclear deformation on folded potential 8-93983
Yokota, H. *see* Chiba, R. 8-78320
Yokota, H. *see* Suzuki, S. 8-66938
Yokota, I. *see* Kobayashi, M. 8-72206
Yokota, M. *see* Hashimoto, S. 8-92854
Yokota, R. Theory and analysis of early stage of spinodal decomposition of vitreous systems with relaxing structure 8-75553
Yokota, T., Shigenari, T., Takagi, Y. Digital control of a Raman spectrometer by a small computer and its application to soft mode spectroscopy 8-86345
Yokota, T. *see* Fujita, H. 8-66846
Yokota, T. *see* Yasutomi, T. 8-79368
Yokoya, K., Shimizu, A., Kato, H., Hiida, K. Electrostatic potential in a gravitational field 8-54270
Yokoyama, A. *see* Horie, H. 8-54667
Yokoyama, H. *see* Nakaoka, A. 8-85609
Yokoyama, K. Canonical Yang-Mills field theory with invariant gauge-families. Introduction of gauge parameters as a group vector 8-74140
Yokoyama, K. *see* Sato, K. 8-87676
Yokoyama, M. *see* Ikeno, S. 8-56416, 8-60375, 8-84220
Yokoyama, M. *see* Nishikawa, H. 8-59811
Yokoyama, Y. *see* Koshizuka, N. 8-68491
Yokoyama, Y. *see* Reyss, J.L. 8-85709
Yokoyama, Y. *see* Tachikawa, J. 8-58396
Yokozawa, Y., Tanimoto, M., Takano, H. Electron-spin resonance in two-dimensional impurity-doped antiferromagnets $\text{K}_2\text{Mn}_2\text{Mg}_{1-x}\text{F}_4$. II 8-76298
Yokozeki, A. Lead microclusters in the vapor phase as studied by molecular beam electron diffraction: vestige of amorphous structure 8-66703
Yokozeki, A., Stein, G.D. A metal cluster generator for gas-phase electron diffraction and its application to bismuth, lead, and indium: Variation in microcrystal structure with size 8-63645
Yokozeki, S., Patarski, K. Moire fringe profile prediction method and its application to fringe sharpening 8-87009
Yoksan, S. *see* Simanek, E. 8-88215
Yomosa, S. Temperature dependence of the excitation transfer in photosynthetic systems 8-92598
Yoneda, Y. *see* Hiramatsu, N. 8-55290
Yonei, K. *see* Tomishima, Y. 8-62724
Yonekawa, A. *see* Takeuchi, H. 8-57308
Yonemitsu, K., Takano, K., Matsuda, T. Hall coefficient of dilute aluminum alloys. I. Calculation by four-OPW approximation 8-76052
Yonemochi, M. *see* Kimura, I. 8-79353

- Yonetani, S.**, Zaima, S., Isobe, M. Influence of cutting conditions on the residual stress in the orthogonal cut surface of aluminium 8-85035
- Yonetani, S.** see Takeuchi, N. 8-55875
- Yonetani, S.** see Zaima, S. 8-85036
- Yoneya, T.** Background metric in supergravity theories 8-70043
- Yoneyama, H.** see Imachi, M. 8-62380
- Yonezawa, F.**, Odagaki, T. Analyticity of homomorphic cluster coherent potential approximation 8-82872
- Yonezawa, F.** see Odagaki, T. 8-82873
- Yonezawa, S.**, Tamamura, Y. Coded grating method for measuring three dimensional objects 8-86240
- Yonezawa, T.** see Nakatsuji, H. 8-60997
- Yong, L.K.** see Kazusaka, A. 8-84046
- Yong, S.Y.** see Li, C.H. 8-71970
- Yong Moon Park** see Frohlich, J. 8-57848
- Yong Park Soo** see Soo Yong Park
- Yong Woo Shin, Kot, C.A.** Two-dimensional fluid-transient analysis by the method of near-characteristics 8-89349
- Yong-Jin Park**, Bernstein, I.M. Effective grain size for cleavage fracture in pearlitic eutectoid steel 8-60784
- Yong-Ki Kim**, Kwok-tsang Cheng Transition probabilities for the resonance transitions of Na-like ions 8-66494
- Yong-Ki Kim**, Kwok-tsang Cheng Bethe cross sections for the sodium isoelectronic sequence 8-82657
- Yong-ki Kim** see Gillespie, G.H. 8-66630
- Yong-Kui Chen** see Chen Yong-Kui
- Yong-Shi Wu** see Wu Yong-Shi
- Yong-sui Fang** see Fang Yong-sui
- Yong-Zhen Wang** see Wang Yong-Zhen
- Yonkosky, D.**, Buffett, R.F., Bennett, M. Differential effects of preirradiation on adoptive antibody responses in DBA/2 and BALB/c mice 8-80926
- Yoo, H.I.** see Chu, T.L. 8-56573
- Yoo, J.H.K.** A preliminary study for an empirical approach to an optical transform method for differentiation of pathologies found in human blood cell smears 8-69248
- Yoo, J.Y.**, Joseph, D.D. Stokes flow in a trench between concentric cylinders 8-83360
- Yoo, K.K.**, Lee, J.Y., Kim, C.H. Kinetics of chromium diffusion coating onto pure iron and carbon steel in molten lead bath 8-60873
- Yoo, M.H.** see Mansur, L.K. 8-71756
- Yoo Ho Cheon** see Ho Cheon Yoo
- Yook Chong Chul** see Chong Chul Yook
- Yoon, D.N.** see Thae-Khapp Kang 8-56598
- Yoon, D.Y.** see Naegele, D. 8-80286
- Yoon, K.E.** Analytical modeling of fuel rod ramp experiment 8-86590
- Yoon, K.H.**, Lee, H.S., Levenson, L.L., Lewis, G. Appearance potentials of O^+ , CO^+ , CO_2^+ , etc. by analysis of field-dispersed ions 8-85234
- Yoon, T.S.** see Lamsa, J.W. 8-54658
- Yoon, T.-S.** see Dombeck, T. 8-82255
- Yoon, T.-S.** see Kennedy, C.N. 8-74276
- Yoon Ki Hyun** see Ki Hyun Yoon
- Yordanov, D.L.**, Penenko, V.V., Aloyan, A.E. Parameterization of a diabatic baroclinic planetary boundary layer for use in modelling of atmospheric processes 8-88882
- Yorisue, R.** see Nakatani, N. 8-67294
- Yorizane, M.**, Miyano, Y. A generalized correlation for Henry's constants in nonpolar binary systems 8-67827
- Yorizane, M.**, Yoshimura, S., Masuoka, H., Toyama, A., Nakako, Y., Funada, I. Measurement and estimation of low temperature vapor-liquid equilibrium for the system oxygen-argon at high oxygen concentrations 8-83927
- York, D.** A formula describing both magnetic and isotopic blocking temperatures 8-65226
- York, D.** Magnetic blocking temperature 8-65227
- York, D.** see Buchan, K.L. 8-65278
- York, D.** see Hall, C.M. 8-81105
- York, D.G.** see Cowie, L.L. 8-89235
- York, D.G.** see Sneden, C. 8-93198
- York, G.W., Jr.**, Carbone, R.J. Electrical and optical properties of a high pressure transverse mercury discharge 8-63092
- York, G.W., Jr.** see Leland, W.T. 8-55382
- York, J.W., Jr.** see Smarr, L. 8-70031, 8-70033
- York-Peng Yao** see Kazama, Y. 8-82104
- Yorke, E.D.** Square-wave model for a pendulum with oscillating suspension 8-49597
- Yoroki, M.** see Ohno, H. 8-94961
- Yoshida, A.**, Asakura, T. Diffraction patterns of off-axis Gaussian beams in the optical system with astigmatism and coma 8-55309
- Yoshida, A.**, Asakura, T. Aberated diffraction patterns of off-axis Gaussian beams 8-66753
- Yoshida, A.** see Fujita, K. 8-84959
- Yoshida, F.** Plastic theory of the mechanical ratcheting. (Analysis by an anisotropic hardening plastic potential and its comparison with experimental results of brass) 8-76702
- Yoshida, F.**, Kaneko, K., Ikegami, K., Shiratori, E. Plastic behaviour in the combined loading along straight stress paths with a bend. (Investigation on the stress-strain relation by an anisotropic hardening plastic potential) 8-52896
- Yoshida, F.**, Takeno, S. Collective motion and effective potential in classical liquids 8-79513
- Yoshida, H.** Direct observation of small Guinier-Preston zones in copper-beryllium alloys 8-72776
- Yoshida, H.** see Dotoku, K. 8-88406
- Yoshida, H.** see Hirano, T. 8-80677
- Yoshida, H.** see Ichikawa, T. 8-80768
- Yoshida, H.** see Kaneko, T. 8-68058
- Yoshida, H.** see Kitajima, K. 8-71760
- Yoshida, H.** see Kodaira, K. 8-73713
- Yoshida, H.** see Takemasa, T. 8-82370
- Yoshida, J.** see Iida, S. 8-67686
- Yoshida, K.**, Irie, F., Hamasaki, K. Flux-flow characteristics of a large Josephson junction 8-84351
- Yoshida, K.**, Sentsui, S., Shii, H., Kuroha, T. Optical fiber drawing and its influence on fiber loss 8-68667
- Yoshida, K.**, Somorjai, G.A. The chemisorption of CO , CO_2 , C_2H_2 , C_2H_4 , H_2 and NH_3 on the clean Fe (100) and (111) crystal surfaces 8-71996
- Yoshida, K.**, Takekawa, A. Varying mode of disorder of the $MnAl_2$ alloy phase in the recovery process of vacuum codeposited films 8-51854
- Yoshida, K.** see Herai, T. 8-76768
- Yoshida, K.** see Ike, H. 8-56780
- Yoshida, K.** see Iwaki, M. 8-75684
- Yoshida, K.** see Iwashita, K. 8-91824
- Yoshida, K.** see Miyauchi, K. 8-95787
- Yoshida, K.** see Sumiyoshi, F. 8-60256
- Yoshida, M.** Group velocity distribution of Rayleigh waves for the period 50 seconds in the Pacific Ocean 8-65197
- Yoshida, M.** Initial phase and phase velocity of surface waves [Shikotan earthquake] 8-92793
- Yoshida, M.**, Nakamura, S., Suto, H. Recrystallization of vacuum-deposited silver and copper films 8-60044
- Yoshida, M.**, Umoto, J. Analysis of end effects in diagonal type MHD generator by Means of equivalent circuit 8-87505
- Yoshida, M.** see Morimoto, K. 8-76333
- Yoshida, M.** see Nakamura, T. 8-58282
- Yoshida, M.** see Narita, N. 8-59820
- Yoshida, M.** see Suzuki, K. 8-66938
- Yoshida, M.** see Taira, S. 8-84979
- Yoshida, M.** see Yukutake, T. 8-96127
- Yoshida, N.** see Sasaki, M. 8-87983
- Yoshida, S.**, Kanazawa, K., Yamaguchi, K., Kobayashi, K., Sato, M., Suzuki, S., Shiohara, M. Elevated-temperature fatigue properties of engineering materials. III 8-80646
- Yoshida, S.**, Kanazawa, K., Yamaguchi, K., Sato, M., Kobayashi, K., Suzuki, N. Elevated-temperature fatigue properties of engineering materials. II 8-60755
- Yoshida, S.** see Adachi, S. 8-93984
- Yoshida, S.** see Kanazawa, K. 8-60756
- Yoshida, S.** see Koshida, N. 8-68586
- Yoshida, S.** see Yamaguchi, H. 8-88482
- Yoshida, S.** see Yamaguchi, K. 8-64631
- Yoshida, T.**, Kudo, H. Bifurcation of crystalline solutions and freezing 8-67814
- Yoshida, T.** see Harima, H. 8-74607
- Yoshida, T.** see Sakai, K. 8-50911
- Yoshida, Y.**, Tsuji, K., Marubayashi, K., Matsumoto, Y. A position sensitive proportional counter for a beta-ray spectrometer 8-86732
- Yoshida, Y.** see Kato, S. 8-74443
- Yoshida, Y.** see Narita, K. 8-82012
- Yoshie, H.** Nuclear magnetic resonance study of Co^{59} in $Y_{1-x}Gd_xCo_2$ 8-52376
- Yoshie, O.**, Kamihara, M. Phase-memory effect in a p-type photoconductor 8-91723
- Yoshie, O.**, Kamihara, M., Kanaya, K. Trap-controlled field instability associated with defects introduced by ion-irradiation in photoconductive thin films 8-87997
- Yoshie, T.** see Ueda, Y. 8-60803
- Yoshihara, A.**, Fujimura, T. Construction of differential-type Brillouin scattering system 8-89562
- Yoshihara, A.**, Fujimura, T., Kamiyoshi, K.-I. Brillouin scattering in ammonium sulfate 8-52517
- Yoshihara, H.**, Mori, H., Kiuchi, M., Kadota, T. Preparation of Si-C films by plasma deposition process with neutralization 8-88429
- Yoshihara, H.** see Ballhaus, W. 8-71362
- Yoshihara, K.**, Nii, K. The effect of oxygen potential on the surface self-diffusion coefficient of silver 8-60014
- Yoshihara, K.** see Ikuta, S. 8-56910
- Yoshihara, K.** see Kitade, A. 8-86361
- Yoshihiro, N.** see Miyao, M. 8-67726
- Yoshihiro, N.** see Tamura, M. 8-87672
- Yoshihiro, N.** see Tokuyama, T. 8-83836
- Yoshihuku, Y.** Can the apparatus disturb the observed system without interacting with it? 8-89362
- Yoshii, G.** see Kuwabara, M. 8-53338
- Yoshii, T.** see Bucknall, C.B. 8-52901
- Yoshikawa, H.** see Narusawa, T. 8-49845
- Yoshikawa, K.** see Kato, K. 8-62458
- Yoshikawa, K.** see Yukitoshi, T. 8-54834
- Yoshikawa, M.**, Koseto, M., Ueda, R. Double-heterostructure $PbSnTe$ laser without degradation by thermal cycling 8-58089
- Yoshikawa, M.**, Takano, S., Asaeda, T. Studies on apparatus for high pressure with piston and cylinder. Compressive strength of the truncated anvil 8-84906
- Yoshikawa, N.**, Gizon, J., Gizon, A. $g_{9/2}$ and $h_{11/2}$ bands in $^{121,123}Cs$ 8-50067
- Yoshikawa, N.** see Hashimoto, O. 8-54684
- Yoshikawa, S.** see Inoue, S. 8-59569, 8-59580, 8-94898, 8-94901
- Yoshiki, T.** see Murakami, A. 8-92339
- Yoshimi, M.** see Saiki, K. 8-80377
- Yoshimori, A.**, Goto, J. Electron correlation in a chemisorbed atom on a metal surface-friction coefficient 8-60026
- Yoshimori, M.** Interpretation of the size spectrum of cosmic γ -ray bursts in terms of an idealized galactic distribution of sources 8-65716
- Yoshimori, M.** see Nishimura, J. 8-61933
- Yoshimori, T.**, Shiga, M. Purification of oxygen and selection of flux for microdetermination of carbon in metals 8-92571
- Yoshimura, K.** see Naruse, T. 8-66936
- Yoshimura, K.** see Suzuki, S. 8-66938
- Yoshimura, M.** Unified gauge theories and the baryon number of the universe 8-85842
- Yoshimura, M.**, Tada, M., Hayashi, Y., Matsumoto, S., Niimi, T. Electrical properties of amorphous semiconductor $Ge_{2.5}S_{1.5}$ 8-84219
- Yoshimura, S.** see Yorizane, M. 8-83927
- Yoshimura, T.**, Syoji, Y., Wakabayashi, N., Suzuki, N. Optical frequency shifting for Rayleigh scattering spectroscopy [laser velocimeters] 8-79392
- Yoshimura, T.** see Nouri-Moghadam, M. 8-78094
- Yoshimura, T.** see Yamashita, M. 8-68900
- Yoshimura, Y.**, Takeuchi, T., Inohara, M. Luminance difference threshold under adaptation luminances differing from the luminance of background of the object to be perceived. Re-survey of Holladay's principle 8-65000
- Yoshinaga, H.** see Okajima, S. 8-85393
- Yoshinaga, H.** see Sakurai, S. 8-52843
- Yoshinaka, A.** see Shimizu, H. 8-51561
- Yoshinari, O.** see Shibata, K. 8-95773
- Yoshinari, O.** see Takahashi, J. 8-67708
- Yoshinari, T.**, Iwano, H., Hirai, M. F-H center formation by the optical conversion in self trapped excitons in KCl crystal 8-91335
- Yoshino, K.**, Fujii, H., Inuishi, Y. Influence of liquid hydrocarbon layer on laser-induced surface damage 8-60533
- Yoshino, K.**, Tachibana, S., Makio, Y., Yamamoto, M., Kaneto, K., Inuishi, Y. Electrical properties of amorphous thin film and single crystal of $(SN)_x$ polymer 8-68104
- Yoshino, K.**, Uemoto, T., Balakrishnan, K.G., Yanagida, S., Inuishi, Y. Electrical properties of ferroelectric liquid crystals 8-68467
- Yoshino, K.** see Itoshima, T. 8-57149
- Yoshino, K.** see Kaneto, K. 8-72140
- Yoshino, K.** see Yasuda, N. 8-55941
- Yoshino, K.**, Sekiguchi, T. Theoretical analysis on formation of high-beta plasma sheath 8-59612
- Yoshino, S.**, Okazaki, M. Chain like localization in the two dimensional disordered system 8-91646
- Yoshino, T.** Magneto-optical properties of ultrasonic light diffraction in glasses 8-76437
- Yoshino, T.** see Yukutake, T. 8-96127
- Yoshio, T.** see Takahashi, K. 8-55954
- Yoshioka, D.**, Fukuyama, H. Existence of dipole-density-wave (DDW) state in electron-hole junction systems 8-76009
- Yoshioka, H.** see Yamaga, M. 8-64273
- Yoshioka, M.** see Toshioka, K. 8-93885
- Yoshioka, N.** see Hidaka, Y. 8-84462
- Yoshioka, N.** see Hoshikawa, M. 8-66939
- Yoshioka, T.** see Suzuki, K. 8-92931
- Yoshioka, Y.**, Hasegawa, K., Mochiki, K. Application of position sensitive proportional counter to X-ray stress measurement 8-64791
- Yoshioka, Y.** see Arata, Y. 8-55728
- Yoshioka, Y.** see Kusao, K. 8-85247
- Yoshioka, Y.** see Yamaguchi, K. 8-92447
- Yoshioki, S.**, Mori, G. A note on electrons around vacancies in metals 8-64003
- Yoshiyama, Y.** see Iida, S. 8-78455
- Yoshiyasu, H.** see Ueda, Y. 8-55768
- Yoshizaki, A.** see Roko, K. 8-90990
- Yoshizaki, O.** see Furukawa, K. 8-95928, 8-95929
- Yoshizawa, A.** Statistical derivation of Kolmogorov's $-5/3$ power law by turbulent-viscosity approach 8-90837
- Yoshizawa, A.**, Sakiyama, M. A governing equation for the small-scale turbulence 8-63419

Yoshizawa, H., Shohoji, N., Katsura, M., Sano, T., Yato, T. Nitridation of metals and metal carbides in a stream of ammonia 8-68928

Yoshizawa, M. Study of the intermediate-age galactic cluster NGC 2281. I. UVB photoelectric observations, binary frequency and the luminosity function of bright members 8-81663

Yoshizawa, M., Fujimura, T. Construction of AC calorimeter 8-89481

Yoshizawa, S. see Handa, T. 8-59356, 8-95541

Yoshizawa, T. see Kawamura, S. 8-64980

Yoshizawa, T. see Matsumoto, H. 8-61137

Yoshizawa, T. see Nakamura, T. 8-69066

Yoshizawa, Y. see Shizuma, K. 8-55131

Yosida, K. see Yamada, K. 8-67962

Yosida, Z. Air flow induced in a snow cover by the wind blowing over its surface 8-88854

Yosioka, K. Ultrasonic output measurement of diagnostic instruments and irradiation effect on biological systems 8-80936

Yoss, K.M. see Johnson, N. 8-69653

Yost, B. see Corcoran, M.D. 8-70417

Yost, G.H., Williams, W.S. Chemomechanical effect in doped and intrinsic silicon 8-64751

Yost, G.P. see Bricman, C. 8-66179

Yost, G.P. see Burnett, T.H. 8-89853, 8-89854

Yost, W.A., Dolan, D. Masking-level difference for repeated filtered transients 8-85321

Yost, W.A., Hill, R. Strength of the pitches associated with ripple noise 8-88716

Yost, W.A., Hill, R., Perez-Falcon, T. Pitch and pitch discrimination of broadband signals with rippled power spectra 8-61199

Yotch, F.A. see Antipov, Yu.M. 8-62581

Yotusya, H. see Murai, T. 8-88696

You Jun-han, Cheng Fu-zhen, Fang Li-zhi The separation velocity of radio components in QSO 8-69903

You-Cai Tian see Tian You-Cai

You-Ji Ding see Ding You-Ji

You-Wen Yu see Yu You-Wen

Youdelis, W.V. Calculated Al-Ti-Si phase diagram and interpretation of grain refinement results 8-84781

Youn Kyu Koh, Chung Nam Whang A study on the charge changing cross sections of ion beam using the growth rate method 8-50636

Younathan, E.S. see Dougherty, D. 8-77005

Young, A. Differential reddening in the young cluster NGC 2264 8-53996

Young, A.P. On the theory of the phase transition in the two-dimensional planar spin model 8-59927

Young, A.P. see Wallace, D.J. 8-56339

Young, A.T. Mercury's Craters from Earth 8-53847

Young, A.T. Line shifts due to blending 8-62851

Young, A.T., Kattawar, G.W. Planetary isophotes as a clue to aerosol characteristics. II. Observations of Venus from spacecraft 8-81575

Young, A.T., Young, L.D.G., Schorn, R.A.J. High-dispersion spectroscopic observations of Venus near superior conjunction. II. The carbon dioxide band at 7883 Å 8-53851

Young, A.T. see Crisp, D. 8-85875

Young, A.T. see Young, L.D.G. 8-86851

Young, C., Dubugnon, O. A reflected shear-wave technique for determining dynamic rock strength 8-57344

Young, C., Dubugnon, O. An electromagnetic shear-stress gage for large-amplitude shear waves 8-70113

Young, C. see Elias, J.E. 8-82241

Young, C.C. see Cutts, D. 8-78380

Young, C.-I.J., Crocker, M.J. Finite element acoustical analysis of complex muffler systems with and without wall vibrations 8-51003

Young, C.T., Rhee, S.K. Evaluation of correction methods for determining load-independent Knoop microhardness 8-72952

Young, D.A. The intercalation process in graphite-bromine 8-63965

Young, D.R., DiMaria, D.J., Hunter, W.R. The electron trapping behavior of silicon dioxide with ion implanted aluminum 8-67729

Young, D.R. see Aitken, J.M. 8-72268

Young, D.R. see Dong, D. 8-76607

Young, D.R. see Vidal, V.M.V. 8-61431

Young, D.S. De see De Young, D.S.

Young, E.G. see Munson, D.E. 8-57196

Young, F.C. see Golden, J. 8-93784

Young, F.W., Jr., Cost, J.R., Nowick, A.S., Stiegler, J.O. Defects, diffusion and radiation effects 8-87827

Young, G.R. see Lazzarini, A.J. 8-62563

Young, H.J. Underwater sound arrival angle estimation by multiple cross-correlation measurements 8-66978

Young, I.M. see Robertson, D.S. 8-84784

Young, J.C., Leslie, K.E. Spent-fuel storage 8-86659

Young, J.E. see Chang, T.S. 8-86413

Young, J.F. see Zych, L.J. 8-58102

Young, J.H. see Schoepfle, G.M. 8-73144

Young, J.L. see Heyne, C.J. 8-50392

Young, J.M. see Groenveld, D.C. 8-94094

Young, J.P. see Hurst, G.S. 8-82707

Young, J.P. see Kramer, S.D. 8-70802

Young, J.P. see Nayfeh, M.H. 8-82668

Young, J.P. see Wild, J.F. 8-75645

Young, J.R. see Conn, R.W. 8-58418

Young, J.W.S. The overlay technique—a simple approach to the topography problem. I. Long term concentrations 8-81389

Young, J.W.S., Howard, J.H.G. Measurements of skewed boundary layers in a curved duct with variation in streamwise pressure gradient 8-79302

Young, K.C., Jr. see Alburger, D.E. 8-66210

Young, K.C., Jr. see Balamuth, D.P. 8-50132

Young, K.M. see Phillips, K. 8-91146

Young, K.N. see Sion, E.M. 8-53947

Young, K.P. see Dunn, E.M. 8-80537

Young, K.S., Puzio, E.T. Development of the PDX TF coil insulation system 8-62656

Young, L. see Moharam, M.G. 8-71028, 8-90390

Young, L.D.G., Young, A.T., Clough, S.A., Kneizys, F.X. Calculation of spectroscopic data for the $v=0$ and $v=1$ states of nitric oxide 8-86851

Young, L.D.G. see Young, A.T. 8-53851

Young, L.E. see Brown, B.A. 8-78255

Young, L.M. see Kennedy, W.L. 8-65148

Young, M., Lawton, R.A. Saturation of silicon photodiodes at high modulation frequency 8-54453

Young, M. see Lawton, R.A. 8-74057

Young, M.L. Accurate determination of 77K hole concentration in $Pb_{0.8}Sn_{0.2}Te$ from near-room-temperature thermoelectric measurements 8-56155

Young, P., Sargent, W.L.W., Boksenberg, A., Lynds, C.R., Hartwick, F.D.A. Dynamics of the flattened elliptical galaxy NGC 4473 8-57631

Young, P.S., Fukui, K., Rao, Y.V. Interactions of 400 GeV protons with emulsion nuclei 8-54756

Young, R.A. see Ballart, R. 8-67930

Young, R.A. see Sudarsanan, K. 8-55837

Young, R.C. see Matlocks, P.G. 8-75983, 8-84138

Young, R.E. see Cassen, P. 8-61761

Young, R.E. see Greenspan, H.P. 8-71412

Young, R.H. see Walker, E.I.P. 8-72192

Young, R.J. see Gledhill, R.A. 8-68783

Young, R.J. see Yamini, S. 8-95807

Young, R.L. see Von Hofe, S.E. 8-65116

Young, R.T., Cleland, J.W., Wood, R.F., Abraham, M.M. Radiation damage in neutron transmutation doped silicon: Electrical property studies 8-95080

Young, R.T., Narayan, J. Laser annealing of diffusion-induced imperfections in silicon 8-75678

Young, R.T. see Mooney, P.M. 8-76023

Young, R.T. see Narayan, J. 8-75681, 8-87690

Young, R.W. Visual cells, daily rhythms, and vision research 8-61176

Young, S.J. Curve-of-growth function for a random array of Voigt lines 8-89055

Young, S.K., Gibbs, W.R. Effect of pion distortion on the asymmetry in (p,π^+) reactions on light nuclei 8-50176

Young, S.K., Wong, C.W. Are nucleon-nucleon inputs good enough yet for the analysis of proton-helium elastic scattering at medium energies? 8-74369

Young, W.C. see Michaelson, P.F. 8-54931

Young, W.C. see Stone, E.L. 8-64609

Young, W.H. see Hasegawa, M. 8-63868

Young, W.R. see Snyder, A.W. 8-63180

Young Bing-Lin see Bing-Lin Young

Young Ham Kim see Kim Young Ham

Young Hee Kim see Jaerok Kim 8-88746

Young Soon Kim, Sung Dahm Oh, Pratt, R.H. Analytic description of inner-shell bound-bound transitions 8-82684

Young-ping Pao Nonlinear behaviour of linearly unstable magnetohydrodynamic modes 8-67339

Young-ping Pao Classical diffusion in large-aspect toroidal plasmas 8-71443

Young-ping Pao, Rosenau, P. Scaling and similarity laws for plasma confinement 8-94932

Young-Won Kim, Galligan, J.M. Radiation damage and stage III defect annealing in thermal neutron irradiated tungsten 8-51586

Youngblood, D.H., Rozsa, C.M., Moss, J.M., Brown, D.R., Bronson, J.D. The breathing mode state in ^{144}Sm and ^{208}Pb 8-50183

Youngblood, R., Axe, J.D. Neutron-scattering study of short-range order in a model two-dimensional ferroelectric 8-68458

Youngdahl, C.K. see Misra, B. 8-58452

Youngdahl, C.K. see Stevens, H.C. 8-74482

Younger, S.M., Fuhr, J.R., Martin, G.A., Wiese, W.L. Atomic transition probabilities for vanadium, chromium, and manganese. (A critical data compilation of allowed lines) 8-74601

Younger, S.M., Wiese, W.L. Theoretical simulation of beam-foil decay curves for resonance transitions of heavy ions 8-74755

Youngie Oh, Mu Shik Jhon, Eyring, H. Significant structure theory applied to liquid helium-3 8-51774

Younglove, B.A. see Siegwarth, J.D. 8-54343, 8-54344

Yount, D.E. see Feller, J.M. 8-66136

Yount, D.E. see Jaros, J.A. 8-50042

Yount, D.E. see Scharre, D.L. 8-89723

Yount, D.E. see Vuillemin, V. 8-93876

Yourgau, W. see Janossy, L. 8-93515

Yourgau, W. see Treder, H.-J. 8-86212

Yousif, F.N., Tondon, V.K., Shukla, G.C. Multipole polarizabilities and shielding factors of the hydrogen atom from the hydrodynamic analogy to quantum mechanics. II 8-66677

Youssef, S.M. see de la Noe, J. 8-81596

Youtz, E., Ferenci, D. Crisis questions [for teachers] 8-81738

Yow Tsong Tian see Tian Yow Tsong

Ypma, J.G.J., Vertogen, G. Equation of state for nematic liquid crystals 8-67645

Ysenbrandt, H.J.B., Seltén, Th.A.J., Verschuren, J.J.M., Kock, T., Kimmich, H.P. Biotelemetry, literature survey of the past decade 8-80996

Ythier, C. see Mallet, G. 8-58248, 8-62675

Yu, C.P., Chandra, K. Deposition of charged particles from laminar flows in rectangular and cylindrical channels by image force 8-83491

Yu, C.W. see Sandegren, D.S. 8-60749

Yu, F.T.S. New technique of pseudocolor encoding of holographic imaging 8-78963

Yu, F.T.S., Chen, H. Rainbow holographic interferometry 8-55320

Yu, F.T.S. see Chen, H. 8-66781, 8-71062

Yu, F.T.S. see Lin, J.C. 8-53459

Yu, F.T.S. see Tai, A. 8-82916

Yu, H.L. Theoretical study of CO chemisorption on nickel and copper surfaces 8-95948

Yu, M.H. see Campbell, J.C. 8-55206

Yu, M.L. Effect of primary ion energy and surface chemistry on the secondary ion yields in low-energy SIMS experiments 8-73105

Yu, M.Y. Lower hybrid solitary waves 8-51291

Yu, M.Y., Shukla, P.K. Finite amplitude solitary Alfvén waves 8-83551

Yu, M.Y. see Shukla, P.K. 8-83555

Yu, N.J., Seebass, A.R., Ballhaus, W.F. Implicit shock-fitting scheme for unsteady transonic flow computations 8-94763

Yu, N.J. see Seebass, R. 8-71359

Yu, P.Y., Evangelisti, F. Two-phonon resonant Brillouin scattering in CdS 8-84597

Yu, P.Y., Shen, Y.R. Resonance Raman studies in Cu_2O . II. The yellow and green excitonic series 8-72511

Yu, P.Y. see Chang, I.F. 8-52576

Yu, P.Y. see Sai-Halas, G.A. 8-64362

Yu, S. see Tseng, H.K. 8-58635

Yu, S.L. see Whipple, W., Jr. 8-53667

Yu, T. see Beierwaltes, W.H. 8-85370

Yu, T.-W. Determining height of the nocturnal boundary layer 8-73450

Yu, W.S., Powell, J., Fillo, J., Lazareth, O. Thermal analysis of conduction cooled blankets for fusion reactors 8-62653

Yu Chen An approximate three-dimensional state of stress in the vicinity of a crack 8-67135

Yu Hyuk see Hyuk Yu

Yu Luh see Li Tie-Cheng 8-60391

Yu Nai-Teng see Nai-Teng Yu

Yu Rui-zhen see Xu Chi 8-95791

Yu Shu-Cheng see Shu-Cheng Yu

Yu Tsung-sen see Ho Hsin-lai 8-84811

Yu Wang, Calvert, L.D., Gabe, E.J., Taylor, J.B. Structure of europium arsenide Eu_3As_4 : A more symmetrical version of the Sm_3Ge_4 -type structure 8-63710

Yu Wang, Heyding, R.D., Gabe, E.J., Calvert, L.D., Taylor, J.B. Neodymium diarsenide: A single-crystal structure refinement 8-63709

Yu Wei-le see Tsai Chi-kung 8-84812

Yu Wen-Shi see Wen-Shi Yu

Yu You-Wen, Tzu Hsi-Chuen, Wu Wei-Fang Fine structure of the giant dipole resonance in ^{16}O 8-82271

Yu-chuan Ho see Ho Yu-chuan

Yu-Der Lee see Fellers, J.F. 8-91263

Yu-fen Cheng see Cheng Yu-fen

Yu-Hua Chu see Chu Yu-Hua

Yu-Huan Xu see Xu Yu-Huan

Yu-Kang Pan On construction of the quartic anharmonic potential energy function of polyatomic molecules 8-58662

Yu-Ling Zhao see Zhao Yu-Ling

Yu-Ming Liu see Liu Yu-Ming

Yu-Ru Zhuo see Zhuo Yu-Ru

Yu-Shu Yao see Yao Yu-Shu

Yu-Shu Zhong see Zhong Yu-Shu

Yu-yi Chu see Chu Yu-yi

Yu-Ying Liu see Liu Yu-Ying

Yu-Zhen Gao Jie Zhang see Gao Jie Zhang

Yu-Zhen

- Yuan, C. *see* Lin, C.C. 8-96528
Yuan, J.-M. *see* Zimmerman, I.H. 8-62876
Yuan, L.C.L. *see* Amaldi, E. 8-78222
Yuan Jian-Min *see* Jian-Min Yuan
Yuan Mou Chung *see* Chung Yuan Mou
Yuan Peng Chich *see* Chich Yuan Peng
Yuan Shuang-Gui *see* Liu Gou-Xing 8-78427
Yuan-Lung Liu *see* Liu Yuan-Lung
Yuan-Wei Lu *see* Lu Yuan-Wei
Yuan-yi Gao *see* Gao Yuan-yi
Yuasa, K. *see* Tanaka, M. 8-93930
Yuasa, K. *see* Yamagata, T. 8-66190
Yuasa, T. *see* Deschamps, Y. 8-90022
Yu.A.Sokovishin *see* Sokovishin Yu.A.
Yucel, B., Kakac, S. Forced flow boiling and burnout in rectangular channels 8-94530
Yudaev, B.N., Tsirlin, O.V., Yushkin, A.A. Growth of a bubble of noncondensing gas injected into a liquid 8-55553
Yudaev, V.F. *see* Bigler, V.I. 8-94776, 8-94824
Yudanin, B.L. *see* Tal'yanskii, I.I. 8-67981
Yudanov, V.F. *see* Dikanov, S.A. 8-88164
Yudelevich, L.I. *see* Reznik, L.E. 8-94292
Yudin, B.F. *see* Zabolotnyi, V.F. 8-96295
Yudin, D.M. *see* Akhmed-sade, K.A. 8-88188
Yudin, I.I. *see* Nazarenko, M.M. 8-50827
Yudin, N.P. *see* Duisibaev, A.D. 8-54778
Yudin, N.P. *see* Zhuravlev, I.P. 8-50153
Yudin, R.N. *see* Lyunovskii-Gurov, Yu.A. 8-86257
Yudin, V.K. *see* Basiladze, S.G. 8-78602
Yudolovich, M.D. *see* Novikov, I.I. 8-51698
Yudson, V.I. *see* Lozovik, Yu.E. 8-93601
Yue-Feng Hu *see* Hu Yue-Feng
Yueh Shan *see* Yung-Chang Lee 8-68573
Yueh-Jaw Shiu, Biondi, M.A. Dissociative recombination in argon: Dependence of the total rate coefficient and excited-state production on electron temperature 8-58817
Yuen, D.A., Fleitout, L., Schubert, G., Froidevaux, C. Shear deformation zones along major transform faults and subducting slabs 8-73330
Yuen, H. *see* Ferguson, W. 8-83421
Yuen, H.C., Ferguson, W.E., Jr. Relationship between Benjamin-Feir instability and recurrence in the nonlinear Schrödinger equation 8-81874
Yuen, H.C. *see* Chang, J.H. 8-59409
Yuen, H.C. *see* Saffman, P.G. 8-83420
Yuen, M.C., Chen, L.W. Heat-transfer measurements of evaporating liquid droplets 8-59268
Yuen, M.J. *see* Wiesenfeld, J.R. 8-92468
Yuen, P.S.L. *see* Banerjee, S. 8-94870
Yuen, S.Y. *see* Hutchinson, I.H. 8-51286
Yuen, W.W., Tien, C.L. Approximate solutions of radiative transfer in one-dimensional non-planar systems 8-59283
Yuen-Chung Liu, Cheng-Fong Chou, Wu-Shiung Hsu, Jer-Shen Maa Backscattering analysis of impurities in the ion beams 8-70223
Yuen-Han Kan An estimate of the first logarithmic term in the density expansions of transport coefficients of moderately dense gases 8-94878
Yuen-Sheng Chiang Improved method of servicing epitaxial growth chambers 8-64478
Yuernyak, M.D. *see* Novikov, I.I. 8-51698
Yufirova, S.G. *see* Merzlyak, M.N. 8-77016
Yugay, T. *see* Ryabov, A.N. 8-55638
Yuge, S. *see* Kawamura, T. 8-62251
Yugo, S. *see* Kimura, T. 8-88046
Yugova, T.G. *see* Bibliuk, V.T. 8-79609
Yugova, T.G. *see* Govorkov, A.V. 8-72040
Yuhara, H. *see* Hayashi, Y. 8-79200
Yuhua, M. *see* Passini *see* Passini Yuhua, M.
Yui, K. Scheme, construction and operation of new liquid and solid radioactive waste treatment system of Tsuruga power station 8-74442
Yukawa, K. *see* Iwaki, M. 8-75684
Yukawa, K. *see* Kobayashi, H. 8-85248
Yukawa, T., Maeda, T., Fujimoto, H., Abe, K., Ikenoue, J. Absolute instability of magnetostatic surface waves interacting with drifting carriers in closed ferrite-semiconductor structures 8-95486
Yukhnovskii, I.P., Kozlovskii, M.P. The critical index for the correlation length in the three-dimensional Ising model 8-84444
Yukhnovskii, I.R., Golovko, M.F., Kurilyak, I.I. Screened potential of limited ion-dipole systems 8-66707
Yukimura, K., Koide, H., Motoki, M. Initiation of peripheral arc in exploding tungsten wires 8-87559
Yukitoshi, T., Moroishi, T., Koizumi, I., Yoshikawa, K., Shida, Y. Comparison of various chromium-molybdenum low alloy steels for fast breeder reactor steam generators 8-54834
Yukon, S.P., Bendow, B. Analog image transmission in optical waveguides 8-55458
Yukon, S.P. *see* Bendow, B. 8-60461
Yukov, E.A. *see* Skobelev, I.Yu. 8-83617
Yukov, E.A. *see* Sobelman, I.I. 8-63538
Yukutake, T., Yoshino, T., Utada, H., Honkura, Y., Koyama, S., Kawamura, M., Ochi, K., Mori, T., Tanaka, H., Wakabayashi, T., Yoshida, M. The Earth resistivity measurements in the crustal upheaval area in the Izu Peninsula 8-96127
Yuldashbaev, T.S. *see* Azimov, S.A. 8-58217
Yuldashiev, A.A. *see* Azimov, S.A. 8-78421
Yuldashiev, B. *see* Moriyasu, K. 8-66165
Yuldashiev, B.S., Burnett, T.H., Lubatti, H.J., Moriyasu, K., Rudnicka, H., Wroblewski, A. Multiplicity of charged particles in π^- neon interactions at 25 and 50 GeV/c 8-62575
Yuldashiev, B.S. *see* Azimov, S.A. 8-78421
Yuldashiev, B.S. *see* Burnett, T.H. 8-89853, 8-89854
Yumoto, K. *see* Saito, T. 8-61683
Yumoto, K. *see* Unwin, R.S. 8-65436
Yumura, S., Kajikawa, T., Oba, K., Yamamoto, Y., Matsuura, T., Tashiro, M., Kiri, M. A review of data processing systems for the emission spectrophotometry 8-88685
Yun Chung, Lowndes, D.H., Hendel, C.L. Electronic properties from analysis of the harmonic content of the de Haas-van Alphen effect: Application to dilute magnetic alloys 8-84127
Yun Kim Seong *see* Seong Yun Kim
Yun-Kong Wang *see* Wang Yun-Kong
Yund, R.A., Anderson, T.F. The effect of fluid pressure on oxygen isotope exchange between feldspar and water 8-57204
Yund, R.A. *see* Giletti, B.J. 8-69325
Yundev, D.N. Compact HCN laser 8-59022
Yung, Y.L., Pinto, J.P. Primitive atmosphere and implications for the formation of channels on Mars 8-65543
Yung Chan Mill *see* Mill Yung Chan
Yung Jae Lee Optical model analysis of inelastic interactions of 10 GeV protons with complex nuclei 8-50165
Yung Sik Kim Study of the Ar-N₂ interaction. I. Electron gas model (Gordon-Kim model) potential calculation 8-70893
Yung-Chang Lee, Cheng-Yueh Chen, Yueh Shan Resonance fluorescence of thin crystal films 8-68573
Yung-Li Wang *see* Sablik, M.J. 8-68130
Yung-Sow Chen *see* Chen Yung-Sow
Yung-Yi Tu, Blakely, J.M. Chlorine adsorption on silver surfaces 8-72024
Yunker, W.H., Ballif, J.L. Deposition and effects of a silicon compound in sodium systems 8-86599
Yun'kov, A.A., Bur'yan, N.R., Anishchenko, N.M. Preparation for interpreting gravitation anomalies measured in underground workings of Krivoi Rog basin (Krivbas) 8-85466
Yunn, B.C. *see* Ruhl, W. 8-58137
Yunoki, K. *see* Nagao, M. 8-84052
Yunovich, A.E. *see* Galeskii, F. 8-80409
Yunovich, A.E. *see* Lebedev, A.I. 8-72595
Yunusov, M.S. *see* Azimov, S.A. 8-56224
Yunusov, N.B., Zentsov, V.P. Electronic structure and ESR of Ti²⁺ in fluorite type crystals 8-76034
Yupko, V.L. Wetting of silicon carbide by Cu-Ti and Cu-Sn-Ti alloys 8-68664
Yurakov, Yu.A., Domashevskaia, E.P., Ugai, Ya.A., Tverdokhlebov, L.Ya. Investigation into solid-phase interaction in pelicular molybdenum-silicon dioxide-silicon and molybdenum-silicon structures using X-ray spectral method 8-95238
Yurasov, S.A. *see* Kal'ner, V.D. 8-95856
Yurchenka, Yu.F., Chistov, E.F. Design of optical systems with cylindrical refractive index distribution 8-74962
Yurchenko, D.Z. *see* Tkachenko, Yu.G. 8-60877
Yurchenko, E.N. Application of theory of harmonic vibrations to the analysis of properties of Sn(II)-containing compounds 8-62790
Yurchenko, I.G. *see* Novikov, A.P. 8-86285
Yurchenko, I.I. *see* Ivanov, N.I. 8-49902
Yurchenko, S.E. Transition of rigid magnetic bubbles to normal behavior 8-95501
Yurchenko, S.E., Lisovskii, F.V., Shcheglov, V.I. Some features of the dynamics of magnetic bubbles 8-91915
Yurchikov, E.E. *see* Kondrat'ev, V.V. 8-64541, 8-68688
Yurchuk, E.F. *see* Zhuravlev, V.A. 8-75412
Yurdakul, O. *see* Enustun, B.V. 8-75908
Yuremenko, V.P. Plane deformation of a composite with longitudinal cracks 8-67096
Yurenkov, V.K., Rozhdestvenskii, S.M., Nazarov, M.P. Measuring magnetic fields in flow-detector magnetizing units that have semiconductor rectifiers 8-53076
Yur'ev, N.V., Presnov, V.A. Negative resistance in biopolymers 8-64923
Yur'ev, V.G. *see* Baksh, F.G. 8-67418, 8-67419, 8-79473, 8-79474
Yur'ev, V.G. *see* Kaplan, V.B. 8-71551
Yurevich, E.I. *see* Milovanov, A.K. 8-61732
Yurevich, F.B. *see* Arinkin, S.M. 8-94579
Yurevich, F.B. *see* Konyukh, L.A. 8-91021
Yurganov, L.N. *see* Akhmedov, Sh.A. 8-96265
Yurganov, L.N. *see* Dianov-Klokov, V.I. 8-53700
Yuriev, V.G. *see* Baksh, F.G. 8-63597
Yuriev, Yu.S. *see* Ushakov, P.A. 8-94080
Yurish, M. *see* Pan, V.M. 8-52118
Yurish, M. *see* Romanova, A.V. 8-59735
Yurishchev, M.A. On the theory of double Ising chains. The model in zero external field 8-84430
Yuritsyn, N.S. *see* Filipovich, V.N. 8-88487
Yurkevich, O.R. *see* Belyi, V.A. 8-53183
Yurkevich, V.E. *see* Madzhulis, I.Ya. 8-52458, 8-80297
Yurkov, E.N. *see* Stebakov, V.M. 8-57938
Yurkov, I.S., Kudrina, L.Yu., Yevtodiienko, Yu.V. Comparison of K⁺ permeability of mitochondrial and artificial bilayer membranes 8-53365
Yurova, E.S., Morokhovets, M.A. Special features in determination of electron concentration and mobility in structures based on GaAs_{1-x}P_x materials from Hall effect measurements 8-60138
Yurovskii, Yu.F. *see* Al'vares, O. 8-65586
Yurtsever, Y., Payne, B.R. A digital simulation approach for a tracer case in hydrological systems (multi-compartmental mathematical model) 8-92881
Yurugi, T., Maruyama, Y. Epitaxial crystallization of poly(oxyethylene) on KBr single crystal 8-56054
Yusa, H. *see* Asakura, Y. 8-58353
Yusa, H. *see* Kikuchi, M. 8-53719
Yusa, H. *see* Uchida, S. 8-74445, 8-78450
Yusaf, M.S. *see* Lawes, G.P. 8-90054
Yushmanov, S.P. *see* Tamuzh, V.P. 8-67127
Yushchenko, T.A. *see* Zelenskaya, N.S. 8-78337
Yushchenko, V.S., Grivtsov, A.G., Shchukin, E.D. Stability and dynamics of a drop on the surface of a solid body 8-51790
Yushchenko, V.S. *see* Shchukin, E.D. 8-51789
Yushin, A.S. *see* Belov, A.V. 8-50936, 8-71226
Yushkanov, A.A. *see* Yalamov, Yu.I. 8-83432
Yushkin, A.A. *see* Yudaev, B.N. 8-55553
Yushkov, M.R. *see* Abakirov, V.A. 8-55586
Yushkov, V.I. *see* Adameski, R.A. 8-92275
Yushmanova, O.O. *see* Aksenov, A.V. 8-61427
Yusifov, I.M. *see* Guseinov, O.Kh. 8-93290
Yuskeseleva, L.G. *see* Antonov, A.S. 8-85619
Yuskeseleva, L.G., Antonov, A.S. A possibility of obtaining stimulated coherent radiation based on a water-ice phase transition 8-83920
Yust, L. *see* Basina, Yu.V. 8-93063
Yust, W.W. *see* Roeder, D. 8-65292
Yuste, M. *see* Niklas, J.R. 8-60355
Yuste, M. *see* Razezghi, M. 8-76303
Yuster, P.H. *see* Delbecq, C.J. 8-88354
Yusufova, V.D. *see* Pepinov, R.I. 8-95175
Yusupov, I.U. *see* Kirpichnikov, A.P. 8-71486
Yusupov, R.S. *see* Kolesnichenko, V.A. 8-95864
Yusupova, T.A. *see* Blinkov, V.A. 8-77363
Yuta, H. *see* Whitmore, J. 8-74289
Yuta, H. *see* Yamashita, S. 8-66170
Yuta, S.-I. *see* Ito, K.-I. 8-65101
Yuu, S., Yasukouchi, N., Hirose, Y., Jotaki, T. Particle turbulent diffusion in a dust laden round jet 8-83455
Yuuki, R. *see* Kitagawa, H. 8-67125
Yuyama, J. *see* Ikushima, A. 8-79852
Yuyama, T. *see* Nakamura, S. 8-55765
Yuzawa, M. Sound attenuation by absorptive barriers 8-59198
Yuzawich, P.M., Hughes, C.W. An improved technique for removal of oxide scale from fractured surfaces of ferrous materials 8-95886
Yuzvak, V.I. *see* Shirokov, A.M. 8-52453
Yvinec, M. *see* Pick, R.M. 8-75788
Yvon, K. *see* Fischer, P. 8-83954
Zaal, G.J., Hogervorst, W., Eliel, E.R., Bouma, J., Blok, J. A high resolution study of the transition $\lambda=451.1$ nm in In I using a CW dye laser 8-82674
Zabaev, V.N., Kuznetsov, V.M., Potylitskii, A.P., Repenko, E.V., Stukov, O.I., Tomchakov, V.K. Asymmetry of formation of π^+ mesons by linearly polarised photons in the region of the first pion-nucleon resonance 8-66124
Zabashita, Yu.F. *see* Golik, A.Z. 8-51618
Zabdyr, L. *see* Moser, Z. 8-51701
Zabek, M.C. *see* Dover, C.B. 8-78208
Zabel, T.H. *see* Spear, R.H. 8-70559
Zabelina, I.A. *see* Vasil'ev, V.V. 8-61736
Zabkar, A. *see* Navinsek, B. 8-95091

- Zablotskii, V.K., Bartel', G.P. Method of quantitatively rating spread in grain size of steels 8-85073
- Zabolitzky, J.G., Ey, W. Momentum distributions of nucleons in nuclei 8-70428
- Zabolitzky, J.G. *see* Clark, J.W. 8-51776
- Zabolotnyi, V.F., Rizov, E.F., Soglasnova, V.A., Yudin, B.F. Determination of the amount of absorption in the Earth's atmosphere at 460 μ 8-96295
- Zabolotskaya, E.A. *see* Bakhvalov, N.S. 8-94465
- Zabolotskaya, G.R. *see* Gosteva, T.S. 8-59615
- Zabolotskaya, T.N. *see* Dyachuk, V.A. 8-92943
- Zabolotskii, A.A., Salibekov, S.E., Kantsevich, I.A., Ignatova, N.P., Chernyak, A.I. Reaction between carbon fibers and nickel through a zirconium nitride or titanium carbide diffusion barrier 8-60624
- Zaborov, V.I., Kononenko, A.E. Sound radiation from a cylindrical shell driven by a line force 8-94480
- Zaborotseva, T.A., Levchenko, A.S., Ostapchenko, Ye.P., Stepanov, V.A. The effect of the resonance properties of a discharge on the fluctuation of the radiation of a He-Ne laser 8-74883
- Zabotin, V.M., Kozlov, S.N., Plotnikov, G.S. Effect of a GeO₂ sublayer on carrier trapping in the germanium-pyrolytic-SiO₂ system 8-91775
- Zabransky, B.J. *see* Gaillard, M.J. 8-74752
- Zabrodin, B.V. *see* Prudnikov, I.A. 8-78033
- Zabrodskaya, M.N. *see* Kornilov, I.I. 8-56822
- Zabrodskii, S.S., Andryushkevich, M.B., Burachonok, I.N. Mechanism of cooling of high-temperature gas (plasma) jets in a fluidized bed 8-79371
- Zabrodskii, S.S. *see* Tambovtsev, Yu.I. 8-59499
- Zabudla, Z. *see* Lukac, P. 8-59714
- Zabugina, M.P. *see* Malkin, A.Ya. 8-67160
- Zaburdaev, V.I. *see* Paramonov, A.N. 8-85725
- Zabuzov, S.A. *see* Gudzenko, A.I. 8-74995
- Zaccaria, R. *see* Morasso, P. 8-81077
- Zaccone, H. *see* Clark, A.G. 8-89751, 8-89759
- Zacek, F. *see* Bardos, L. 8-64744
- Zacek, F. *see* Datlov, J. 8-91125
- Zacek, F. *see* Mush, J. 8-51319
- Zacek, J. *see* Dzhambusina, M. 8-89762
- Zacek, J. *see* Ermilova, D.I. 8-62468
- Zach, H.-G. *see* Frohlich, H. 8-86250
- Zacharias, G. Shear strength characteristics of remoulded clays 8-77219
- Zacharias, H. *see* Filseth, S.V. 8-90199
- Zacharias, H. *see* Wallenstein, R. 8-66560
- Zachariassen, F. *see* Carruthers, P. 8-58125
- Zachariasse, K.A. Intramolecular excimer formation with diarylalkanes as a microfluidity probe for sodium dodecyl sulphate micelles 8-80791
- Zachary, W.W. *see* Saenz, A.W. 8-77756
- Zachmann, H.G. *see* Biangardi, H.J. 8-76707
- Zachmann, H.G. *see* de Santis, R. 8-75594, 8-75595
- Zachmann, H.G. *see* Frank, W.P. 8-75593
- Zachmann, H.G. *see* Muller, R. 8-76341
- Zachmann, H.G. *see* Rosenke, K. 8-76322, 8-76340
- Zachor, A.S. Aureole radiance field about a source in a scattering-absorbing medium 8-77319
- Zachos, C.K. N=2 supergravity theory with a gauged central charge 8-62349
- Zachos, K. *see* Rohringer, H. 8-74277
- Zadjura, R.E. *see* Bramwell, F.B. 8-89284
- Zadorozhnyi, V.G., Kostzhitskii, A.I., Tikhonenko, E.P. Method of investigating degree of crystallinity of polymer films 8-75555
- Zadorozhnyi, V.I., Katrich, A.B., Koltok, Yu.V., Kuz'michev, V.M., Latynin, Yu.M., Murugov, V.M., Khrustalev, V.G. Generation of an EMF in pulsed laser irradiation of a ferromagnet 8-68021
- Zadorozhnyi, V.N. *see* Bagrov, V.G. 8-49954
- Zadova, A.A., Kunin, V.A. Electrical conductivity in Al-Al₂O₃-Al MDM structures 8-64144
- Zadro, M. *see* Livieratos, E. 8-65317
- Zafiratos, C.D. *see* Fielding, H.W. 8-89890
- Zafra, R.L. *see* De Zafra, R.L.
- Zafra, E.Ya. *see* Belyanskii, G.G. 8-83936
- Zagainova, R.V. *see* Gorbis, Z.R. 8-55680
- Zagar, V. *see* Seliger, J. 8-59749
- Zagefka, H.-D. *see* Butz, T. 8-76366
- Zaghloul, A.-R.M., Azzam, R.M.A., Bashara, N.M. SiO₂-Si film-substrate single-reflection retarders for different mercury spectral lines 8-79122
- Zagorelskii, V.I. *see* Gol'dfarb, I.S. 8-59138
- Zagorin, G.K. *see* Kirov, A.G. 8-75478
- Zagorodnii, A.G., Yakimenko, I.P. Radiation of a layer of a non-equilibrium plasma 8-59558
- Zagorski, Z. *see* Wanarski, W. 8-64311
- Zagorski, Z.P. Instrumentation for radiation chemistry research in the Institute of Nuclear Research in Warsaw 8-76888
- Zagoruiko, S.V. *see* Grachev, A.I. 8-65407
- Zagouras, C.G., Kalogeropoulou, M. Numerical determination of families of three-dimensional periodic orbits bifurcating from plane periodic orbits around both primaries 8-57432
- Zagouras, C.G. *see* Markellos, V.V. 8-69663
- Zagrai, N.P., Zarembo, L.K., Serdobol', O.Yu. Temperature dependence of the direction of the sound group velocity vector in ferroelectric triglycine sulfate 8-67774
- Zagrebnev, V.A. *see* Klemm, A. 8-74874
- Zagrebnev, V.A. *see* Volovich, I.V. 8-57846
- Zagulyaeva, S.V. *see* Potanina, V.S. 8-85074
- Zagurskii, V.Ya. *see* Artyukh, Yu.N. 8-77867
- Zagustin, E. *see* Kalaba, R. 8-67088
- Zagustin, E.A. *see* Kalaba, R.E. 8-54158
- Zagustina, E.A., Kalaba, R.E. A new representation and method for solving Fredholm integral equations 8-86120
- Zaguzin, V.P., Karmanova, N.G., Pogrebnyak, Yu.F. The determination of Cu and Pb in powder rock samples using a graphite capsule flame atomiser 8-85278
- Zagyi, B. *see* Konc, M. 8-60587
- Zagzebski, J., Banjavic, R., Madsen, E. Need for ultrasonic tissue equivalent test objects for routine performance checks of pulse-echo equipment 8-73182
- Zagzebski, J.A. Problems in routine ultrasound quality control 8-69171
- Zahariev, V.I., Spiridonov, V.G. Uniqueness and stability of the mesometeorological stationary problem of flow-around 8-81271
- Zahavi, J., Ward, I.D., Metzger, M. Transient pitting during film growth on aluminum at 1000 mV vs. SCE 8-56817
- Zahn, J.P. *see* Spiegel, E.A. (editor) 8-89176
- Zahn, J.-P. Penetrative convection in stars 8-89186
- Zahn, M. Impact charging of an isolated cylinder with skewed field and flow 8-87404
- Zahn, P. Temperature control device for thermodesorption 8-86251
- Zahn, R.J., Mueller, S. Investigations of AC discharges in cells with glass covered electrodes 8-67558
- Zahn, U. *see* Von Zahn, U.
- Zahn, W. *see* Stowe, H. 8-54703, 8-86534
- Zahorski, S. Viscoelastic properties in plane squeeze-film flows 8-90940
- Zahr, K.M., Summers, W.A. Microprocessor-based multiplexing—an engineering and cost analysis 8-89971
- Zahradnik, C. *see* Garland, C.W. 8-71851
- Zahradnik, C. *see* Levinson, M. 8-92261
- Zai-Wan Zhu *see* Zhu Zai-Wan
- Zai-zhong Wang *see* Wang Zai-zhong
- Zaichenko, V.M., Zaretskii, E.B., Makarov, P.V., Povorova, K.B., Savitskii, E.M., Chekhovskoi, V.Ya. Some features of the change of physical properties in a tungsten-zirconium system 8-91455
- Zaichik, L.I. *see* Meerovich, I.G. 8-83208
- Zaidenman, I.A., Khavkin, Yu.L. Effects of volumetric charges in the processes of membrane and 'near-membrane' transport 8-53366
- Zaidman, I.D. *see* Shestakov, I.A. 8-80557
- Zaidman, S. Almost-automorphic solutions of some abstract evolution equations 8-65754
- Zaikin, A.D. *see* Zharkov, G.F. 8-84350
- Zaikin, V.Ju. *see* Voronova, I.V. 8-52127
- Zaikin, V.N. Conformally invariant Green's function with two conserved currents 8-86421
- Zaikin, Yu.V., Zarifyarts, Yu.A., Lyskov, V.A. Trap changing in oxysulfate film on PbS single crystal by photodesorption 8-76180
- Zaikina, I.M., Itinskaya, G.N., Krivonozov, A.I. A polycarbonate for medical use 8-84759
- Zaikov, R.P. *see* Sotkov, G.M. 8-49977
- Zaikova, L.P., Romanov, Yu.S. The influence of heavy element content in stellar atmospheres in the range of spectral classes A-F upon the (B-V, T_e) relation 8-93234
- Zaikova, V.A. *see* Dragoshanskii, Yu.N. 8-60309
- Zaima, S. On the reverse finish cutting of aluminium 8-85034
- Zaima, S., Sase, M., Adachi, H., Shibata, Y. Measurements of energy spread of thermal field-emitted electron flow from tungsten 8-92168
- Zaima, S., Yonetani, S., Isobe, M. On the relations between residual stress and moire strain in the orthogonal cut surface of aluminium 8-85036
- Zaima, S. *see* Yonetani, S. 8-85035
- Zainobidinov, S. *see* Bakhadyrkhanov, M.K. 8-55895
- Zainulin, Yu.G., Alyamovskii, S.I., Shveikin, G.P. Thermal expansion of titanium oxy-nitrides 8-91454
- Zaionchkovskii, V.V., Kondratenko, A.N. Diffusion-recombination distribution of free charge carriers concentration in radiation plasma 8-79408
- Zaions, R.M. *see* Sokolova, L.V. 8-84748
- Zaitsev, A.A., Fedorchuk, N.M., Lazarev, E.M. Electron-diffraction investigation into interaction between copper and aluminium oxides 8-52697
- Zaitsev, A.A. *see* Asratyan, A.E. 8-62389
- Zaitsev, A.I. *see* Finkel', V.M. 8-56697
- Zaitsev, A.M. *see* Golovkin, S.V. 8-78218, 8-78539, 8-89919
- Zaitsev, G.A., Golovko, L.S. Using enthalpy of vaporizing coolant for initial cooling of cryodevices 8-70130
- Zaitsev, G.A. *see* Ginodman, V.B. 8-86688
- Zaitsev, G.O. *see* Kresin, V.Z. 8-59958
- Zaitsev, G.P. *see* Fridlender, B.A. 8-91491
- Zaitsev, J.W., Wittmann, F.H. Crack propagation in a two-phase material such as concrete 8-76764
- Zaitsev, M.G. *see* Razumovskaya, I.V. 8-91378
- Zaitsev, R.O. Low-temperature phase transitions in the Hubbard model 8-72359
- Zaitsev, V.G., Zubov, V.A., Merkin, A.A. Photoelectric registration of the Fourier transform of the distribution of the light field 8-82925
- Zaitsev, V.I. *see* Galkin, A.A. 8-55869
- Zaitsev, V.I. *see* Vinogradov, V.G. 8-60956
- Zaitsev, V.K., Fedorov, M.I., Tarasov, V.I. Optical properties of CoSi and of solid solutions based on it in the interband transition region 8-72556
- Zaitsev, V.K., Stilbans, L.S., Tarasov, V.I., Fedorov, M.I., Kolomoets, N.V. Thermoelectrical and optical properties of materials on the base of 3-D transition metal silicides 8-91714
- Zaitsev, V.V. *see* Abranin, E.P. 8-65597
- Zaitsev, V.V. *see* Nikitin, V.P. 8-56755
- Zaitsev, Yu.I. *see* Gelikonov, V.M. 8-71087
- Zaitsev, Yu.V., Scerbakov, E.N. Creep fracture of concrete in prestressed concrete members during manufacture 8-76767
- Zaitseva, G.V. The variability of the integral light and the H α -emission of the star T Tauri 8-61852
- Zaitseva, G.V. On the light minima of RZ Piscium 8-93323
- Zaitseva, M.P. *see* Aleksandrov, K.S. 8-80292
- Zaitseva, R.D. *see* Edneral, A.F. 8-68703
- Zaitseva, S.A. *see* Pudovkin, M.I. 8-57523
- Zajac, S. Curium in the antiferromagnetic state 8-80133
- Zajdel, J.A. *see* Wardaszko, T. 8-74513
- Zajoz, H. *see* Surowiak, Z. 8-84712, 8-89496
- Zak, J. Unit-cell scheme in solids 8-87898
- Zakaryan, G.G. *see* Adamyan, V.E. 8-88101
- Zakelj, J., Brajnik, C. Pulsed Nd-glass laser 8-63137
- Zakelj, J. *see* Vedlin, B. 8-63138
- Zakgeim, E.L., Ponkrat'eva, R.I., Presnova, L.A. Relationship between the static parameters and piezoactivity of magnetostriuctive ferrites 8-95507
- Zakharchenko, I.E. *see* Efros, V.D. 8-58238
- Zakharchenko, V.M., Savilov, A.A. Some patterns in jet flows 8-63471
- Zakharchenko, V.N. *see* Vorob'ev, Yu.B. 8-54469
- Zakharchenya, B.P. New aspects of the optical orientation of electronic and nuclear spins in semiconductors 8-79928
- Zakharchenya, B.P., Fleisher, V.G. Optical orientation and spin system cooling in semiconductors 8-88229
- Zakharenkov, Yu.A. *see* Basov, N.G. 8-79451
- Zakharenkov, Yu.A. *see* Erokhin, A.A. 8-71535
- Zakharenkov, Yu.A. *see* Krokhin, O.N. 8-75391
- Zakhariev, V.I., Gaitandzhieva, L.Z. A method for objective analysis of meteorological fields 8-81272
- Zakharin, O.M. On the process of profit accumulation in the discrete nonstationary Markov system 8-89308
- Zakharov, A.I. New standardized series of theodolites 8-73543
- Zakharov, A.I., Pismenny, V.D. Time dependence of plasma parameters of a hydrogenic Z-pinch discharge 8-75426
- Zakharov, A.I., Zemtsov, Yu.K., Skorokhod, E.P. Calculation of radiative characteristics of xenon discharge 8-71583
- Zakharov, A.S. *see* Zhuravlev, B.I. 8-86382
- Zakharov, A.V. Kinetics of small perturbations in an isotropic Universe. I 8-54102
- Zakharov, A.V. Kinetics of small perturbations in an isotropic Universe. II 8-54103
- Zakharov, A.V. Kinetics of small perturbations in an isotropic universe. III. Long wave perturbation in ultrarelativistic gas 8-65731
- Zakharov, D.M. Titanium alloys as structural materials for liquid metal radiation loops 8-72958
- Zakharov, E.Yu. *see* Ivanov, V.P. 8-92580
- Zakharov, G.F. *see* Pil'shchikov, A.I. 8-76318
- Zakharov, G.M. *see* Ershov, N.N. 8-95609
- Zakharov, I.S., Akinfiev, P.P., Petukhov, P.A., Skorikov, V.M. Determination of some electrophysical parameters of bismuth germanate crystals 8-51987

- Zakharov, I.S.**, Petukhov, P.A., Shorikov, V.M. Pulse photoconductivity in bismuth germanate crystals 8-68048
- Zakharov, L.E.** Internal helical modes in a Tokamak 8-91139
- Zakharov, L.P.** see Namgaladze, A.A. 8-53768
- Zakharov, S.B.** The stability of plane vortex sheets in an ideal fluid 8-63437
- Zakharov, V.A.**, Baraz, E.M., Frantsevich, V.M. A magnetic head for a coercivity meter 8-57996
- Zakharov, V.A.**, Baraz, E.M., Frantsevich, V.M. The KIFM-3 semiautomatic digital coercimeter 8-76817
- Zakharov, V.E.**, Mikhailov, A.V. Relativistically invariant two-dimensional models in field theory integrable by the inverse problem technique 8-70291
- Zakharov, V.I.** see Novikov, V.A. 8-58169, 8-62362
- Zakharov, V.I.** see Shifman, M.A. 8-58170, 8-70326, 8-74223
- Zakharov, V.I.** see Vainshtein, A.I. 8-82157, 8-89681
- Zakharov, V.Ju.** see Derzjiev, V.I. 8-75393
- Zakharov, V.K.** see Khalilov, V.Kh. 8-88344
- Zakharov, V.N.** see Afraimovich, E.L. 8-61651
- Zakharov, V.P.**, Popov, V.M., Denisjuk, V.A. Determining the nonuniformities of generation activity at the dielectric-semiconductor interface in metal-dielectric-semiconductor (MOS) structures with the aid of a scanning electron microscope 8-72273
- Zakharov, V.P.** see Denisjuk, V.I. 8-95377
- Zakharov, V.P.** see Sheremet, G.P. 8-84589
- Zakharov, V.V.** see Argunov, V.A. 8-51377
- Zakharov, V.V.** see Shitova, V.P. 8-90492
- Zakharov, Y.E.**, Pimenov, Yu.V. Numerical solution of problems of electromagnetic wave diffraction on open cylindrical surfaces 8-58890
- Zakharov, Yu.P.** see Bykovskii, Yu.A. 8-50948
- Zakharova, A.I.**, Chepkunas, L.S. Dynamic parameters of the foci of strong earthquakes as obtained from spectra of longitudinal waves at the station at Obninsk 8-57171
- Zakharova, G.V.** see Andreyeva, N.Ye. 8-76991
- Zakharova, I.S.** see Burakov, V.S. 8-61012
- Zakharova, L.M.**, Kiseleva, N.E., Muchnik, I.B., Petrovskii, A.M., Sverchinskaya, R.B. Analysis of development of essential hypertension on the basis of empirical data 8-89309
- Zakharova, M.V.**, Konyushkina, N.I., Krylova, I.V., Predvoditelev, A.A. Study of deformation processes in NaCl crystals by exoemission and desorption methods 8-75708
- Zakhyan, A.Z.** see Gasparyan, O.N. 8-73648
- Zakheim, D.**, Johnson, P. Two- and three-photon resonances in the four-photon ionisation spectrum of nitric oxide at low temperatures 8-70887
- Zakhidov, R.A.** Analysis and classification of concentrating-system design methods 8-83063
- Zakhidov, R.A.** Statistical approach to evaluating reflecting surface roughness 8-90367
- Zakhidov, R.A.**, Dudko, Yu.A., Dubrovskii, L.A. Technological evolution of the quality of facets produced by deformational forming 8-90483
- Zakhidov, R.A.**, Dudko, Yu.A., Petrosov, O.P., Zmener, G.S., Dubrovskii, L.A. Evaluation of deformation technique for forming solar concentrator reflecting surfaces 8-90481
- Zakhidov, R.A.**, Ismanzhanov, A.I., Dubrovskii, L.A. Technique of testing silazane coatings 8-79092
- Zakhidov, R.A.**, Klychev, Sh.I. Radiative heat transfer in axially symmetric hollow collectors of high temperature solar installations 8-79093
- Zakhvatikhata, K.V.**, Roitman, V.I., Brusentsova, R.M. Detection of dissimilarly oriented defects in ultrasonic pipe inspection 8-53079
- Zakhvatkin, D.P.** Equipment for measuring irregularities in the movement of units at low speeds 8-54346
- Zaki, M.**, Celinski, Z. A computer method of optimization of Faraday-type MHD generator 8-79476
- Zaki, M.**, Celinski, Z. Optimization of diagonal-wall MHD generator by nonlinear programming 8-79477
- Zaki, M.A.** see El Sherbini, T.M. 8-66478
- Zaki, M.R.** see Gronvold, F. 8-76253
- Zakis, J.R.** see Moskalonov, A.V. 8-95520
- Zakis, Yu.R.**, Silin', A.R., Trukhin, A.N. Electron excitations and intrinsic defects in vitreous silica 8-87905
- Zaklyukovskii, V.I.** see Mekhonoshin, V.A. 8-60963
- Zakrevskii, V.A.**, Pakhotin, V.A. Mechanism of mechanoemission from polymers 8-88411
- Zakrevskii, V.A.** see Akhmed-sade, K.A. 8-88188
- Zakrzewska, K.**, Dudek, J., Nazarewicz, N. A numerical calculation of multidimensional integrals 8-89323
- Zakrzewski, J.** Leptons, quarks and what next? 8-54588
- Zakrzewski, J.** Point matching of exchanged hot conductors in thermistor meters 8-77905
- Zakrzewski, J.** Point matching of thermistor thermometers with hot conductor exchange. II 8-86271
- Zakrzewski, J.A.** see Nowak, R.J. 8-78213
- Zakrzewski, T.** see Misiolek, H. 8-76049
- Zakrzewski, W.J.** see Baulieu, L. 8-82226
- Zakrzewski, Z.** see Moisan, M. 8-67548
- Zaks, L.M.** see Ivlev, A.I. 8-89421
- Zaks, P.L.** see Belyaev, L.M. 8-52445
- Zaky, A.A.** see Ghazala, Y.A. 8-75450
- Zakzhevskii, V.G.** see Zybina, T.S. 8-86765
- Zakzouk, A.K.** see Baglee, D. 8-56250
- Zalcher, G.** see Beysens, D. 8-84594
- Zalesak, S.T.** see Ossakow, S.L. 8-88972
- Zalesskii, A.V.** see Vanchikov, V.V. 8-91987
- Zalesskii, V.V.**, Shleiman, Yu.G., Makienko, A.V., Masurenko, I.P., Lysenko, M.V. System for the digital recording of ultrasonic flaw-detection results in automatic inspection 8-76815
- Zalesskii, V.V.**, Tsvetyanskii, V.L., Shleiman, Yu.G., Zotov, V.M., Kantsedalov, V.P., Masurenko, I.P., Lysenko, M.V., Makienko, A.V. The SGK-2Ts system for the automatic inspection of heated objects 8-95894
- Zalesskii, V.Yu.**, Kokushkin, A.M., Yachnev, I.L. Pyrolysis of perfluoroalkyl iodide vapor in UV irradiation 8-73070
- Zalesskii, V.Yu.**, Yachnev, I.L. Contour of the continuous absorption band of iodotrifluoromethane and its temperature dependence 8-70876
- Zaletin, V.M.** see Agrafenin, Yu.V. 8-90523
- Zalewski, E.**, Zmija, J. Thermoelastic stresses in oxide single crystal pulling by the Czochralski technique 8-55822
- Zalewski, E.** see Patryas, Z. 8-63681
- Zalewski, E.F.** see Lind, M.A. 8-54461
- Zalewski, K.** Possible test of the multiple scattering nature of hadron-nucleus interactions 8-58271
- Zalis, K.** see Kvasnicka, V. 8-56427
- Zalka, K.** Stability analysis of frameworks by directly taking into account the sway excess of the columns 8-51098
- Zallo, A.** see Clark, A.G. 8-89751, 8-89759
- Zalm, P.C.**, Brussaard, P.J. Simple relations for nuclear moments. II. Electric quadrupole moments of quasi-rotational states in even-even nuclei 8-82281
- Zalm, P.C.**, Holthuijzen, A., De Raedt, J.A.G., Van Middelkoop, G. Velocity and atomic number dependence of the transient magnetic field in iron 8-91999
- Zalm, P.C.**, van Hienen, J.F.A., Glaudemans, P.W.M. Simple relations for nuclear moments I. Magnetic dipole moments in the shell-model picture 8-82280
- Zalmstra, J.** see Bron, J. 8-54719
- Zalotai, L.** see Seres, L. 8-85188
- Zal'tsman, E.B.**, Koudel'nyi, A.V. Perfected method of measuring dielectric permittivity of substrates for microwave integrated circuits 8-77942
- Zal'tsman, I.G.** see Grigor'ev, B.A. 8-75036
- Zal'tsman, Ye.B.**, Mal'tsev, V.P., Sivov, A.N., Tokatly, V.I. Nondestructive measurement of dielectric constant of films and plates 8-57987
- Zalubas, R.** see Martin, W.C. 8-86805
- Zalutskii, I.I.** see Kinzhivalo, V.V. 8-80516
- Zalwert, S.** see Mikolajewicz, A. 8-52751
- Zalyubovskii, I.I.** see Gopych, I.M. 8-78597
- Zamaleev, I.G.**, Kharakhsh'yan, E.G. Spin relaxation of conduction electrons for arbitrary probability of scattering at a metal surface 8-68378
- Zaman, K.B.M.Q.**, Hussain, A.K.M.F. The free shear layer edgetone and instability measurements 8-94672
- Zaman, K.B.M.Q.** see Hussain, A.K.M.F. 8-71324, 8-90956
- Zaman, M.S.** see Paul, A. 8-72902
- Zamaraev, K.I.**, Khairutdinov, R.F., Miller, J.R. Experimental determination of the electron tunneling probability as a function of distance for chemical reactions 8-80759
- Zamaraev, K.I.** see Alexandrov, I.V. 8-76844
- Zamashkin, R.I.** see Dubinin, M.M. 8-61114
- Zambarbieri, D.**, Buizza, A., Lombardi, R., Schmid, R. A mathematical model for eye tracking movements of acoustic targets 8-80870
- Zambarbieri, R.** see Schmid, R. 8-80990
- Zambreanu, V.** Physical models for the description of an electrostatically accelerated plasma sheath 8-51317
- Zambrzhitskii, A.P.** see Koshelyaev, E.M. 8-74843
- Zamezhof, R.G.** see Potsaid, M.S. 8-61251
- Zametina, V.I.**, Zazulin, V.A. High-voltage pulse generator 8-77995
- Zamick, L.** see Varma, G.K. 8-70515, 8-93933
- Zamir, D.** see Shaham, M. 8-72425
- Zamir, E.**, Huestis, D.L., Lorents, D.C., Nakano, H.H. Visible absorptions by electron-beam pumped rare gases 8-63057
- Zamiralov, V.S.** see Dubovik, V.M. 8-54644
- Zamkov, A.V.** see Anistratov, A.T. 8-76396
- Zamkov, V.A.** Measuring the Kerr constant of conducting liquids 8-88279
- Zammite, R.** see Manesse, D. 8-50285
- Zamolodchikov, A.B.** Kramers-Wannier transformation for systems with Z(n) symmetry 8-77812
- Zamorani, E.** Surface dose rate contribution by actinides mixed in uranium-plutonium fuel elements 8-66428
- Zamorani, E.**, Ottobri, G. Aerosol particle neutralization to Boltzmann's equilibrium by a.c. corona discharge 8-61064
- Zamorani, G.** see Lari, . 8-96532
- Zamorani, G.** see Setti, G. 8-61930
- Zamostyanik, I.E.** see Kapinov, V.I. 8-56803
- Zamurayev, V.P.**, Maslennikov, I.I., Soloukhin, R.I. Calculation of radiative cooling of air behind strong shock waves on the basis of mean optical properties 8-91030
- Zamyatina, N.A.** see Evtukhiev, N.N. 8-55324
- Zana, E.**, Leal, L.G. The dynamics and dissolution of gas bubbles in a viscoelastic fluid 8-90970
- Zanasi, R.** see Lazzeretti, P. 8-50462
- Zanazzi, E.** see Maglietta, M. 8-91546
- Zancheva, L.**, Hillert, M., Lange, N., Seetharaman, S., Staffansson, L.-I. On the formation of carbide coatings by chromizing carbon steels 8-88571
- Zandee, L.**, Bernstein, R.B. Rotational energy effect upon the branching fraction for reactive decay of the RbF+K collision complex 8-73023
- Zandee, L.** see Verberne, J. 8-70852
- Zander, A.T.** see O'Haver, T.C. 8-89547
- Zander, M.** The significance of donor-acceptor interactions in the external heavy atom effect of AgNO₃ on the luminescence behaviour of aza-aromatic systems and carbazoles 8-84651
- Zandron, O.** see Fernandez, L. 8-66027
- Zandstra, P.J.** see Koning, R.E. 8-70859
- Zandt, G.** see Aki, K. 8-73338
- Zandt, L.L.** Van see Van Zandt, L.L.
- Zandveld, P.** Crystal damage and the properties of implanted p-n junctions in silicon 8-56219
- Zanegin, V.D.** see Gerasimov, V.I. 8-71690
- Zanella, G.**, Villanova, C., Vascon, M., Novo, G., Chioin, R. Automatic analysis of cineangiocardigrams using a television system on line with a minicomputer 8-92699
- Zanelli, C.** Catalogue of solar radio events of type IV 8-96459
- Zanello, D.** see Heller, M. 8-70689
- Zanello, L.** see Heller, M. 8-70689
- Zaneveld, J.R.V.** see Kitchen, J.C. 8-85563
- Zaneveld, J.R.V.** see Spinrad, R.W. 8-55299
- Zanevsky, Yu.V.**, Chernenko, S.P., Ivanov, A.B., Kamir, L.B., Peshekhonov, V.D., Senchenkov, E.P., Tyapkin, I.A., Kalinin, V.N. Use of a proportional chamber for quantitative and qualitative analysis of thin-layer radiochromatograms 8-77174
- Zangui, A.** The structure of the X phase in the Si-Al-O-N alloys 8-56606
- Zangvil, A.** see Maniv, S. 8-67921
- Zanibelli, A.** see Buizza, A. 8-81036
- Zanichkovskaya, L.V.** see Kochan, V.A. 8-70124
- Zanio, K.**, Fraas, L., Krajenbrink, F. Deposition of Ge epitaxial layers on Ge and GaAs substrates by vacuum pyrolysis 8-52676
- Zanio, K.** see Fraas, L. 8-72738
- Zankel, H.** see Streit, L. 8-70391
- Zanne, M.** see Claude, J.M. 8-51506
- Zanne, M.** see El Balkhi, A.M. 8-95034
- Zanne, M.** see Migeon, H.-N. 8-95051
- Zannetti, M.** Scaling field description of the first-order transition in a tricritical system 8-95442
- Zannetti, P.** Modelling and forecasting SO₂ air pollution levels: a statistical approach 8-81398
- Zannoni, C.** see Pedulli, G.F. 8-75548
- Zanoni, C.A.** Dimensional gauging using a scanning laser beam 8-57898
- Zanotti, L.** see Alibr, P. 8-50026
- Zanotti, L.** see Bellotti, E. 8-62387, 8-94018
- Zanotti, L.** see Paorici, C. 8-68610
- Zanozin, V.M.** see Polukarova, Z.M. 8-56736
- Zanza, V.** see Codastefano, P. 8-54520, 8-67302, 8-87591
- Zanza, V.** see De Santis, A. 8-54518
- Zao-Xun Lu** see Lu Zao-Xun
- Zaparovannyi, Yu.I.**, Kuryshkin, V.V., Lyabis, I.A. Quasi-probability coordinate and momentum operator in quantum mechanics 8-49695
- Zapart, W.**, Waplak, S., Stankowski, J., Shuvalov, L.A. EPR investigation of KH₃(SeO₄)₂ doped with Cr³⁺ ions. [Ferroelastic material] 8-60331
- Zapasskii, S.P.** see Druzhinin, V.V. 8-91864
- Zapasskii, V.S.** see Aleksandrov, E.B. 8-68376

- Zapesochnyi, I.P.** see Aleksakhin, I.S. 8-82682
Zapesochnyi, I.P. see Shevera, V.S. 8-70803
Zapevalov, A.S. see Khristoforov, G.N. 8-53655
Zapevalov, V.A., Kudnetsov, V.L., Lazareva, L.E., Nedezov, V.G., Nikitina, N.V., Pashkevich, V.V., Polikanov, S.M. Searches for long-lived excited states of the spontaneously fissioning isomer ^{242m}Am 8-86561
Zapir, B., Grzegorzczak, A., Juszkievicz, A. Ultrasonic velocity and adiabatic compressibility in molten salt mixtures of $\text{CdCl}_2/\text{NaCl}$ or CdCl_2/KCl 8-75730
Zapka, W. see Cotter, D. 8-79069
Zaplantii, V.I. On integration of motion equations of some nonconservative systems 8-81827
Zaporozhchenko, V.A., Kachinskii, A.V. Electro-optical method of measuring high-frequency high voltages 8-86301
Zappala, V. see Scaltriti, F. 8-53857, 8-61783
Zappala, V. see Vaghi, S. 8-69730
Zapryanov, Z., Stoyanova, S. The flow field induced by an oscillating fluid drop immersed in another fluid 8-59454
Zapryanov, Z., Stoyanova, S. A study of the flow field induced by a viscous fluid drop immersed in another oscillating fluid 8-90980
Zapunnyi, A.I., Fel'dman, L.S., Sabadash, A.M., Sergushkov, N.V., Derecha, V.Ya. Sensitivity of nondestructive inspection methods in the detection of fatigue cracks 8-72974
Zapunnyi, A.I., Fel'dman, L.S., Sabadash, A.M., Sergushkov, N.V., Derecha, V.Ya. Electromagnetic transducer constructions 8-76816
Zapushkalov, V.G. see Karpov, V.M. 8-77890
Zaralidze, Z.K. Interaction of point defects with dislocations in an external stress field and radiation-induced creep 8-87706
Zarate, H.G. see Timusk, T. 8-56467
Zaray, Gy. see Torok, T. 8-67461, 8-67462
Zarchy, A.S., Axtmann, R.C. Limitations on tritium transport through fusion reactors 8-70628
Zardecki, A. see Chrostowski, J. 8-74842
Zare, R.N. see Catchen, G.L. 8-89369
Zare, R.N. see Karny, Z. 8-68877
Zarea, S., Ghergu, M. A method for solving the direct problem of helical axisymmetrical motion of a perfect fluid through a diffuser 8-49669
Zarea, St. see Ghergu, M. 8-59489
Zarechnyuk, O.S., Rykhal, R.M. Investigation of the Pr-Cu-Al system in the range of the praseodymium content to 33.3 at.% 8-84774
Zarek, W. see Slebarski, A. 8-95440
Zarembo, L.K. see Zagrai, N.P. 8-67774
Zarembovitch, A. see Fischer, M. 8-59851
Zarestkiy, J. see Stassis, C. 8-59884
Zarestskii, D.F., Lomonosov, V.V. Magnetic scattering of neutrons on media excited in a resonance way by electromagnetic field 8-55249
Zarestskii, D.F., Lomonosov, V.V., Nersesov, E.A. On possibility to obtain coherent Roentgen radiation when charged particles are channeled in a monocrystal 8-92138
Zarestskii, D.F. see Demkov, Yu.N. 8-94040
Zarestskii, E.B. see Peletskii, V.E. 8-95282
Zarestskii, E.B. see Zaichenko, V.M. 8-91455
Zarfagna, B. see Adam, J. 8-71473
Zarichnyak, Yu.P., Lisnenko, T.A., Basov, A.E. Thermophysical properties of alloys of tungsten-molybdenum solid solutions 8-75842
Zarichnyak, Yu.P., Lisnenko, T.A., Tikhonov, P.A., Merezhinskii, K.Yu. Phase relationships and transfer processes in solid solutions of the system $\text{Y}_2\text{O}_3\text{-Gd}_2\text{O}_3\text{-Nd}_2\text{O}_3$ 8-88448
Zarichnyak, Yu.P. see Dul'nev, G.N. 8-63261, 8-77502
Zarichnyak, Yu.P. see Lutkov, A.I. 8-80487
Zarif'yarts, Yu.A. see Zaikin, Yu.V. 8-76180
Zaripov, G.K. see Semena, M.G. 8-83217
Zaripov, M.M., Ziatdinov, A.M., Yablokov, Yu.V., Davidovich, R.L. Correlation of distortions of nearest Jahn-Teller $[\text{Cu}(\text{H}_2\text{O})_6]^{2+}$ centers in $(\text{Cu}, \text{Zn}_{1-x})\text{ZrF}_6 \cdot 6\text{H}_2\text{O}$ crystals 8-68000
Zaripov, M.M. see Khaibullin, I.B. 8-67732
Zaritskii, I.M. see Vikhnin, V.S. 8-95518
Zaritsky, N. see Byung Chan Eu 8-90241
Zaritsky, N. see Eu, B.C. 8-58750
Zaritsky, N.C., Minglegrin, U., Gerber, R.B. Vib-rotational relaxation in $\text{Li}^+\text{-N}_2$ collisions. Calculations with the optical-potential method 8-62886
Zaritsky, N.C. see Gerber, R.B. 8-62885
Zarka, A. see Baruchel, J. 8-91282
Zarka, J. see Mandel, J. 8-52847
Zarkua, O.A. see Stavrianidis, S.A. 8-68646
Zarmi, Y. Space-time evolution and transverse-momentum structure of jets 8-50017
Zarochentsev, E.V., Fain, E.Ya. Valence electron distribution and 'size of atoms' in crystals 8-87644
Zarochentsev, E.V., Teplov, S.V., Safronov, V.P. Elastic properties of aluminium and lead 8-56678
Zarochentsev, E.V. see Bar'yakhtar, V.G. 8-63798
Zarochentsev, E.V. see Vaks, V.G. 8-51603
Zarrouk, H. see Billiet, Y. 8-55823, 8-91289
Zarrouk, H. see Sayari, A. 8-75610
Zartner, A., Taglouer, E., Heiland, W. Oscillatory ion yields of He^+ scattered from atomic and solid Pb targets 8-55221
Zarubin, V.A. see Svetlov, I.L. 8-92282
Zarubina, I.L. see Polyakov, N.I. 8-89563
Zaruchetskii, V.G. see Alferov, V.N. 8-66440
Zasenkov, V.I. see Sitenko, A.G. 8-59593, 8-83559
Zashkvara, V.V. Ion-optical characteristics of a two-sector system with a two-dimensional H/r magnetic field 8-66744
Zashkvara, V.V., Ashimbaeva, B.U., Tarasov, V.F. Angular focusing in an analyzer with an approximately cylindrical electrostatic field 8-78896
Zashkvara, V.V., Il'in, A.M., Kryuchkov, V.F. Focusing of an axisymmetric charged-particle beam in a hyperbolic electrostatic field 8-50688
Zasimchuk, E.E. see Troshchenko, V.T. 8-60742
Zasimenko, V.M. Statistical errors in photoelectric transducers with astatic characteristics 8-93760
Zaslavskii, A.N. see Asatryan, G.M. 8-66097
Zaslavskii, M.M. see Krasitskii, V.P. 8-79328
Zaslavsky, G.M. see Berman, G.P. 8-49760
Zaslanko, I.S., Mozhukhin, E.V., Mukoseev, Yu.K., Smirnov, V.N. Nonequilibrium reaction between N_2O and CO in shock waves 8-76845
Zasorin, E.Z. see Girichev, G.V. 8-86843
Zastenker, G.N., Temny, V.V., D'Uston, C., Bosqued, J.M. The form and energy of the shock waves from the solar flares of August 2, 4, and 7, 1972 8-57534
Zastrow, U. Analysis of anisotropic discs by means of singular integral equations 8-87272
Zasukha, P.F. see Ershov, A.A. 8-56658
Zasyplin, I.M. see Zhukov, M.F. 8-71555, 8-71597
Zasyplin, V.V., Matveichuk, I.V., Bogatov, V.N., Loshchilov, V.I. Effect of shape and size of specimens on the mechanical indications and the fracture mode bone tissue in compression tests 8-69132
Zatka, V.J. Tantalum treated graphite atomizer tubes for atomic absorption spectrometry 8-73093
Zatolokin, B.V., Konstantinov, I.O., Krasnov, N.N. Use of 11-MeV protons for activation analysis 8-88686
Zatsepin, A.F., Dmitriev, I.A., Startsev, V.S., Brylina, L.V. Some glass-forming principles in the $\text{P}_2\text{O}_5\text{-BeO-Me}_2\text{O}(\text{MeF})_x$ systems 8-67656
Zatsepin, N.N., Gusak, N.O., Chernyshev, A.V., Potapova, N.A., Zyabkin, V.I., Shevchenko, R.G. The type NChG instrument for measuring the hardness of steel crankshaft forgings 8-53133
Zatsepin, N.N., Kovalenko, P.M., Potapova, N.A. The possibility of inspecting the heat-treatment quality of chrome-silicon-manganese steels by the method of higher harmonics 8-60941
Zatsepin, N.N., Mal'kov, I.I., Perfil'ev, V.V., Kaloshin, V.A., Silyuk, V.F. Model PINT-3 electromagnetic instrument 8-70162
Zatsepin, N.N., Mukhin, Yu.V., Korkhova, L.V. Performance of a ferroprobe under irradiation 8-60960
Zatsepin, N.N., Myagkov, Yu.P., Shaporov, B.D. Instrument type KAP with feedthrough transducer for testing the mechanical properties of steel tubes by the harmonic method 8-53154
Zatsepin, V.G. see Tishchenko, E.A. 8-67424
Zatsepin, V.M. Determination of the barrier to internal rotation from measurements of line-widths in the IR spectra of liquids 8-72507
Zatsepin, V.M., Khazanovich, T.N. Spin-lattice relaxation of identical nuclei induced by rotational tunneling 8-60353
Zatserkovnyuk, N.M. see Egorov, V.S. 8-71489
Zaturska, M.B. An elementary theory for the prediction of critical conditions for thermal explosion 8-92480
Zaucer, M., Pumpernik, D., Azman, A. Some calculations with magnetic field dependent orbitals 8-78611
Zaucer, M. see Sadlej, A.J. 8-62866
Zaulichnyi, E.G. see Glazunov, A.A. 8-83452
Zautkin, V.V., Orel, B.I. Threshold of parallel microwave pumping in the case of RF modulation of magnetizing field 8-88195
Zavada, V.P. see Kostyshin, M.T. 8-59101
Zavadskii, E.A. see Galkin, A.A. 8-52246
Zavadskii, E.A. see Gribanov, I.F. 8-56294
Zavadskii, E.A. see Val'kov, V.I. 8-88143
Zavalishin, B.R. Excitation function of an elastic wave source 8-53624
Zavaritskaya, E.I. see Vul, B.M. 8-64094
Zavaritskii, N.V., Kaganov, M.I., Mevlyut, Sh.T. Anisotropy of acousto-electrical effect in metals 8-91732
Zavarzin, Yu.M. The surface brightness of the northern Milky Way in the red region 8-93388
Zaveri, K., Larsen, H. Comparison of aerodynamic and electroacoustic calibrated sound sources 8-55543
Zaveri, F., Jr., Lee, D. Constitutive relations for nuclear reactor core materials 8-80598
Zavgorodnii, P.F., Povkh, I.L., Sevost'yanov, G.M., Sidel'nikova, N.S. Asymmetry of thermogravimational convection 8-59267
Zavislyak, I.V. see Danilov, V.V. 8-76236
Zavodchikov, G.I. see Luizov, A.V. 8-81007
Zavodnik, V.E. see Sarin, V.A. 8-67698
Zavolzhenskii, M.V., Terskov, A.Kh. Motion of a heavy viscous liquid, forming a thin shell of a rotating planet in a circular orbit 8-65782
Zavolzhenskii, M.V., Terskov, A.Kh. Flow of a dense liquid around cylinders having a mobile surface 8-67178
Zavorotnyi, V.U. Strong fluctuations of electromagnetic waves in a random medium with a finite inhomogeneity correlation range 8-78870
Zavt, G. see Saks, T. 8-91750
Zavt, G.S. see Lushchik, Ch.B. 8-72574
Zav'yalkin, F.M. see Gorbunov, V.I. 8-53098
Zav'yalov, V.V. see Borodulya, V.A. 8-59472
Zav'yalov, V.V. see Tishchenko, E.A. 8-67424
Zav'yalova, A.A. see Semilevov, S.A. 8-72039
Zawada, A. see Szymura, S. 8-84837
Zawadowski, A. Bound excitations in He^4 8-59993
Zawadowski, A. see Forgacs, G. 8-89413, 8-91834
Zawadowski, A. see Tutto, I. 8-55993
Zawadski, W. see Pfeffer, P. 8-76073
Zawadzka, H. see Basara, H. 8-94276
Zawadzka, G.A. see Chou, M.S. 8-63074, 8-74891
Zawislak, F.C. see Campbell, C.C.M. 8-60363
Zawislak, F.C. see Da Jornada, J.A.H. 8-68416
Zayachki, V.J. see Gentchev, V.I. 8-78174
Zayachkovskaya, N.F. see Zayachkovskii, M.P. 8-80125
Zayachkovskii, M.P., Bercha, D.M., Zayachkovskaya, N.F. Influence of lamination effects on magnetic susceptibility of BiTeI crystals 8-80125
Zayats, L.G. see Marchenko, V.I. 8-84576
Zayats, O.I., Sveshnikov, A.A. A nonlinear problem in applied vertical gyroscopy theory 8-51053
Zayots, V.A. see Aleksandrov, V.N. 8-92100
Zazovskii, A.F. see Goldstein, R.V. 8-83331
Zazubovich, S. see Hizhnyakov, V. 8-51931
Zazulin, V.A. see Zametina, V.I. 8-77995
Zazyan, Z.F. see Bart, M.A. 8-68727
Zbasnik, J.P. see Cornish, D.N. 8-54922, 8-62630
Zbicz, K.L. see Cote, I.L. 8-80866
Zbigli, K.R. see Botgros, I.V. 8-52778
Zboinski, Z. A kinetic model of triplet exciton dynamics in organic crystals with discrete trapping levels 8-67948
Zboinski, Z. see Williams, J.O. 8-68551
Zborovskii, A.A. Estimating the effect of atmospheric turbulence on the accuracy of an optical goniometer 8-55461
Zborovskii, V.A., Novikov, A.G. Experimental investigation of nonlinear polarization interaction of opposite waves in a ring laser 8-50828
Zborovskii, V.A., Tiunov, E.A., Fradkin, E.E. To the theory of the nonlinear interaction of opposite waves of the arbitrary polarization in ring gas laser (RGL) 8-82993
Zborucki, A. Analysis of the metrological properties of selected configurations of the Lampard type electrostatic systems 8-77928
Zborucki, A. An analysis of the capacitance-resistance double-balanced bridge 8-89498
Zdamczyk, A., Dabros, T. On the convective diffusion of particles under electrical double-layer forces 8-61060
Zdaniewski, W.A. Microstructure and kinetics of crystallization of $\text{MgO-Al}_2\text{O}_3\text{-SiO}_2$ glass-ceramics 8-80501
Zdaniewski, W.A. see Hassleman, D.P.H. 8-90787
Zdanowicz, W., Uliasz, T., Jurusik, J., Sznajder, J. Domain structure of amorphous Nd-Co thin films 8-68336
Zdanowska, M. see Mackowiak, M. 8-74038
Zdasiuk, G.A. see White, J.C. 8-90243
Zdetsis, A.D. Lattice dynamical calculation using an extended Born-von Karman scheme 8-59889
Zdrachala, R.J. see Fellers, J.F. 8-91263
Zdunkowski, W.G. see Welch, R.M. 8-81369
Ze-jun He see He Ze-Jun
Ze-Sen Yang see Yang Ze-Sen
Zealey, W.J. see Coulson, I.M. 8-77590
Zealey, W.J. see Elliott, K.H. 8-93288
Zebelman, A.M. see Westfall, G.D. 8-70529
Zebib, A. Onset of natural convection in a cylinder of water saturated porous media 8-59478

- Zebroski, E.L.** Diversion-resistant processes and cycles 8-86677
- Zebrowski, J.** *see* Kuchowicz, B. 8-73902
- Zecca, A.** On the coupling of logics 8-62104
- Zecchi, E.** *see* Duimio, F. 8-74173
- Zecchina, A.** *see* Boccuzzi, F. 8-92063
- Zecchina, A.** *see* Che, M. 8-76296
- Zech, B.** *see* Augustin, W. 8-78481
- Zech, G.** *see* Alexander, G. 8-74251, 8-89766
- Zech, G.** *see* Berger, Ch. 8-62414, 8-89725
- Zech, R.G.** *see* Ralston, L.M. 8-70208
- Zech, R.G.** *see* Sharek, M.W. 8-70209
- Zedan, M.F.** *see* Hussain, A.K.M.F. 8-71325, 8-90843
- Zedan, M.F.** *see* Fouad Zek, M.
- Zedina, I.N.**, Baisburd, S.E. Enthalpy of FeS-Ni₃S₂-Cu₂S melts 8-95730
- Zee, A.** Progress in weak interaction theory 8-78131
- Zee, A.** *see* Barr, S.M. 8-66180
- Zee, G.A.** *see* van Zee, G.A.
- Zee, R.J.** *see* Van Zee, R.J.
- Zeegers, P.J.Th.** *see* Van Dijk, C.A. 8-74625
- Zeelenberg, C.** *see* Vinke, R.V.H. 8-81051
- Zeer, E.P.** *see* Buznik, V.M. 8-88200
- Zeevi, Y.Y.** *see* Stromeyer, C.F., III 8-92632
- Zefirov, Yu.V.**, Zorkii, P.M. Shortened intermolecular contacts in crystals 8-63695
- Zegarski, B.R.** *see* Cook, J.M. 8-68888
- Zeh, H.D.** *see* Conrad, J. 8-85919
- Zehlein, H.** Coupled problems in transient fluid and structural dynamics in nuclear engineering. II. A discrete model for squeeze flow between two adjacent LMFBF subassemblies 8-86634
- Zehnder, A.** *see* Brandle, H. 8-82317
- Zehner, D.M.** *see* Madden, H.H. 8-68583, 8-72644
- Zehner, J.M.**, Simonaitis, R.A. Liquid sample loop geometry for trace analysis by high performance liquid chromatography with large sample volumes 8-92539
- Zehle, L.**, Clemens, E., Martin, P.J., Schauble, W., Kempter, V. Differential cross sections for collisional excitation of the potassium 4 ²P states by noble-gas atoms 8-66643
- Zehle, L.**, Clemens, E., Martin, P.J., Schauble, W., Kempter, V. Photon-scattered-atom coincidence study on K-He with vector polarisation analysis 8-82829
- Zehle, L.** *see* Martin, P.J. 8-70917
- Zeidler, H.** *see* Altmann, S. 8-57032
- Zeidman, B.**, Olmer, C., Geesaman, D.F., Boudrie, R.L., Siemssen, R.H., Amann, J.F., Morris, C.L., Thiessen, H.A., Burleson, G.R., Devereux, M.J., Segel, R.E., Swenson, L.W. Elastic scattering of 162-MeV pions by nuclei 8-58308
- Zeidman, B.**, Olmer, C., Geesaman, D.F., Boudrie, R.L., Siemssen, R.H., Amann, J.F., Morris, C.L., Thiessen, H.A., Burleson, G.R., Devereux, M.J., Segel, R.E., Swenson, L.W. Elastic scattering of 162-MeV pions by nuclei 8-58309
- Zeidman, B.** *see* Barrette, J. 8-58296
- Zeidman, B.** *see* Burman, R.L. 8-70573
- Zeidman, B.** *see* Fortune, H.T. 8-78396
- Zeidman, B.** *see* Henning, W. 8-78413
- Zeidman, B.** *see* Hoffmann, G.W. 8-62674
- Zeif, A.P.** *see* Zhikharev, V.N. 8-63927
- Zeigarnik, V.A.** *see* Dikhter, I.Ya. 8-71516
- Zeigarnik, Yu.A.**, Litvinov, V.D. Study of the hydraulic resistance under conditions of sodium boiling in a pipe 8-90968
- Zeiger, H.J.** *see* Henrich, V.E. 8-71920, 8-72684, 8-72698, 8-84273
- Zeigner, V.L.** *see* Jansen, J. 8-54958
- Zeil, W.** *see* Christen, D. 8-70832
- Zeile, K.** A generalization of Feynman's variational principle for real path integrals 8-89365
- Zeiliger, R.** *see* Martin, J.P. 8-74551
- Zeilik, M., II**, Lada, C.J. Near-infrared and CO observations of W40 and W48 8-65667
- Zeilikovich, I.S.** Visibility and localization of fringes in holographic interferometry of phase objects with a scatterer 8-50736
- Zeilinger, A.** *see* Rauch, H. 8-59961, 8-67735
- Zeinaly, A.Kh.** *see* Chirkov, V.N. 8-59753, 8-94993
- Zeinaly, A.Kh.** *see* Khataevich, V.I. 8-55808, 8-75551
- Zeiri, Y.**, Shapiro, M. Semi-empirical potential surfaces for electron transfer reactions: the Li+FH and Li+F₂ reactions 8-73022
- Zeiske, E.** *see* Kux, J. 8-69262
- Zeisler, R.** *see* McGinley, J.R. 8-85240
- Zeisse, C.R.** *see* Lum, W.Y. 8-75953
- Zeitlan, B.A.** *see* Quay, R. 8-50390
- Zeitler, E.** *see* Ohtsuki, M. 8-76989
- Zeitlin, B.A.**, Walker, M.S., Heinrich, J.P., Fietz, W.A. An integrated composite conductor for the LCS program 8-62631
- Zeitlin, B.A.** *see* Heinrich, J.P. 8-50391
- Zeitlin, B.A.** *see* Walker, M.S. 8-62638
- Zeitnitz, B.** *see* Dobiasch, H. 8-62538
- Zeitnitz, B.** *see* Kecskemeti, J. 8-82356
- Zeitzi, L.**, McDonald, J.M. Pitfalls in the use of in vitro survival curves for the determination of tumour cell survival with fractionated doses 8-77084
- Zeki, S.M.** Functional specialisation in the visual cortex of the rhesus monkey 8-80873
- Zekovic, S.** *see* Masovic, D.R. 8-91582
- Zekovic, S.** *see* Novakovic, L. 8-92030
- Zeks, B.** *see* Blinc, R. 8-87763
- Zeks, B.** *see* Ribaric, M. 8-91063
- Zeks, B.** *see* Sarmento, E.F. 8-87918
- Zekser, G.O.** *see* Kupalova, I.K. 8-53139
- Zelazny, S.W.**, Driscoll, R.J., Raymonda, J.W., Blauer, J.A., Solomon, W.C. Modeling DF/HF CW lasers: an examination of key assumptions 8-71094
- Zel'dina, A.Ye.** *see* Yesipova, N.G. 8-81087
- Zel'dovich, B.Ya.**, Shkunov, V.V. Influence of spatial interference on amplification in stimulated scattering of light 8-71149
- Zel'dovich, B.Ya.**, Shkunov, V.V. Reversal of the wave front of light on depolarized pumping 8-87100
- Zel'dovich, B.Ya.** *see* Baranova, N.B. 8-75254, 8-80317, 8-84553
- Zel'dovich, M.A.**, Kurt, V.G., Logachev, Yu.I., Petrova, I.V., Pisarenko, N.F., Savenko, I.A. Discovery of proton fluxes at 1 AU with energies E_p > 1.5 MeV accelerated in low-energy flare events 8-69769
- Zel'dovich, S.A.** *see* Asratyan, A.E. 8-62389
- Zel'dovich, Ya.B.** Gasdynamic equations and one-dimensional collisionless motion of a degenerate plasma consisting of heavy neutral particles 8-63543
- Zel'dovich, Ya.B.** On spectral lines of prestellar origin 8-77628
- Zel'dovich, Ya.B.**, Ovchinnikov, A.A. The mass action law and kinetics of chemical reactions with allowance for thermodynamic density fluctuations 8-60990
- Zel'dovich, Ya.B.** *see* Vysotskii, M.I. 8-61835
- Zelechower, M.** Relations between the bond energy and shifts of some X-ray emission lines in (Fe-Cr)₂C 8-50555
- Zelekson, L.A.** *see* Gavrilenco, V.G. 8-83158
- Zelener, B.V.** Equation of state of nonideal plasma 8-75261
- Zelenev, Yu.V.** *see* Aliguliev, R.M. 8-60640
- Zelenev, Yu.V.** *see* Korniyukhina, T.A. 8-52470
- Zelenska, A.** The seven components of H α and the 9873 MHz line 8-89151
- Zelenska, J.** *see* Shemdin, O.H. 8-77248
- Zelenska, J.S.** *see* Shuchman, R.A. 8-77335
- Zelen'ko, A.A.**, Radikevich, V.M. Hydrodynamic friction-layer instability and the Langmuir circulation in the ocean 8-92840
- Zelenova, V.D.** *see* Chechekin, Yu.F. 8-95756
- Zelenskaya, N.S.**, Lebedev, V.M., Yushchenko, T.A. The eikonal approximation and distortions in the mechanism of heavy particle stripping 8-78337
- Zelens'kii, A.G.**, Shvaiko, N.Yu. The influence of the loading history on the bifurcation of the cylindrical shell deformation process 8-55578
- Zelenskii, V.F.**, Stukalov, A.I., Ashikhmin, V.P., Azarenko, A.V. Low-additive uranium alloys for the fuel elements of the KS-150 reactor 8-78471
- Zelenskiy, B.G.** *see* Vorontsova, Ye.A. 8-57340
- Zelenyi, L.M.**, Mikhailovskii, A.V. Instability of magneto-acoustic solitons to skew perturbations 8-59562
- Zelenyuk, V.K.** *see* Gordov, A.N. 8-73959
- Zelicher, D.** *see* Lovchikova, G.N. 8-89841
- Zelikina, G.Ya.**, Meister, T.G. Influence of cryogenic solvents on electronic bands of different character ($\pi\pi^*$ and Rydberg bands) 8-55182
- Zelikman, A.N.**, Lobova, T.A., Marchenko, E.A., Rybakova, L.M., Sergeeva, L.M., Kolchin, Yu.O. Structural characteristics of an MoSe₂ coating obtained by the reaction of Se vapor with Mo 8-53018
- Zelin, S.** *see* Brooks, J. 8-61209
- Zelinka, J.** *see* Starosta, K. 8-52667
- Zelinskii, G.S.** *see* Ostapchuk, N.V. 8-67006
- Zelinskii, I.N.** *see* Chernykh, V.T. 8-87030
- Zell, K.** *see* Ogawa, M. 8-82310
- Zeller, A.F.**, Hickey, G.T., Weiss, D.C., Hebbard, D.F., Robson, B.A. The ²⁶Mg(¹⁴N, ¹⁰B)³⁰Si and ²⁶Mg(¹⁴N, ¹¹B)²⁹Si reactions 8-66299
- Zeller, A.F.**, Ophel, T.R., Weiss, D.C. Spin assignments of levels in ⁶⁵Ga by forward-angle j dependence 8-93935
- Zeller, H.R.** Superionic conductors 8-67861
- Zeller, H.R.** *see* Pietronero, L. 8-87935
- Zeller, M.E.** *see* Alguard, M.J. 8-70376
- Zeller, M.E.** *see* Snyder, J.H. 8-89738
- Zeller, R.**, Schober, H.R. Dynamics of multiple interstitials and interstitial impurity complexes in FCC metals 8-75775
- Zeller, R.** *see* Dederichs, P.H. 8-75866
- Zellner, B.** Optical polarimetry of particulate surfaces 8-58011
- Zellner, B.** *see* Degewij, J. 8-69724
- Zel'manov, A.L.** The relativity of space and time finiteness-infiniteness for a matter-filled universe 8-96581
- Zeltmann, A.H.** *see* Bunch, J.M. 8-51591
- Zemany, P.D.**, Beaufays, J., Goddard, M.C., Key, A.W., Merdjanian, H., Kennedy, C.N., Gordon, H.A., Lai, K.W. Production and decay of a high-mass $I=3/2$ baryon enhancement in 10.3 GeV/c π^+p interactions 8-66117
- Zemany, P.D.** *see* Beaufays, J. 8-82248
- Zemany, P.D.** *see* Kennedy, C.N. 8-70402, 8-74276
- Zembutsu, S.** *see* Noda, J. 8-74965
- Zemel, J.N.** *see* Keneman, S.A. 8-68572, 8-94417
- Zemel'man, M.A.** *see* Vostroknutov, N.N. 8-77839
- Zemke, W.T.**, Crooks, J.B., Stwalley, W.C. Radiative and nonradiative lifetimes for vibrational levels of the A'¹ Σ^+ state of ⁷LiH 8-66604
- Zemke, W.T.**, Stwalley, W.C. Radiative transition probabilities for the A'¹ Σ^+ -X'¹ Σ^+ bands of ⁷LiH 8-66603
- Zemke, W.T.**, Stwalley, W.C. Radiative lifetimes for vibrational levels of the B'¹ Π state of ⁷LiH 8-78753
- Zemke, W.T.**, Way, K.R., Stwalley, W.C. Radiative transition probabilities for the B'¹ Π -X'¹ Σ^+ and B'¹ Π -A'¹ Σ^+ bands of ⁷LiH 8-78752
- Zemke, W.T.** *see* Das, G. 8-66483
- Zemliankin, G.A.** *see* Chetaiev, D.N. 8-61687
- Zemlyanaya, L.A.** *see* Urdenko, V.A. 8-65341, 8-85594
- Zemlyankin, V.A.** *see* Ablesimov, G.A. 8-74025
- Zemlyanov, A.D.** *see* Batrakov, G.F. 8-77282
- Zemlyanov, M.G.** *see* Rumyantsev, A.Yu. 8-87751
- Zemlyanov, M.G.** *see* Shitikov, Yu.L. 8-78030
- Zemskii, S.V.**, Ryabchikov, E.A., Epshtein, G.N. Mass transfer of carbon under the influence of shock waves 8-91380
- Zemskov, S.V.** *see* Gabuda, S.P. 8-87645
- Zemskov, S.V.** *see* Mazalov, L.N. 8-86884
- Zemtsov, Yu.K.** *see* Marinov, I.V. 8-67605
- Zemtsov, Yu.K.** *see* Rodin, A.V. 8-67591, 8-71091
- Zemtsov, Yu.K.** *see* Zakharov, A.I. 8-71583
- Zen, M.** *see* Ishikawa, Y. 8-76752
- Zen-uemon Abe** *see* Yamamoto, E. 8-85355
- Zenchenko, V.P.** Spectral features of the inter-band light absorption in vibronic ferroelectrics 8-72555
- Zencka, A.E.**, Lynch, J.D., Mohiuddin, S.M., Sketch, M.H., Runco, V. Clinical assessment of interactive computer arrhythmia monitoring 8-81028
- Zenczykowski, P.** Remark on the models of line-reversal symmetry breaking 8-62326
- Zenczykowski, P.** s-channel discontinuities of the torus insertion in the dual unitarisation scheme 8-93866
- Zendel, M.**, Stender, E., Trautmann, N., Herrmann, G. Chemical reactions in a gas-jet recoil-transport system: continuous separation procedure for selenium and tellurium from fission products 8-70674
- Zeng-Bo Ling** *see* Ling Zeng-Bo
- Zenkevitch, E.I.**, Losev, A.P., Kochubev, G.A., Gurinovitch, G.P. Regularities of intermolecular interaction and energy transfer in mixed associates of chlorophyll and its analogs 8-64924
- Zenkevitch, V.B.**, Zheltov, V.V. Hysteresis losses in a superconducting plate 8-84345
- Zenkin, G.M.** *see* Galoyan, V.R. 8-69045
- Zenkova, L.S.** *see* Ermolov, I.N. 8-53088
- Zenner, R.J.** *see* Dunn, R.A. 8-81047
- Zens, A.P.**, Grant, D.M. A 22-mm probe for the XL-100-15 NMR spectrometer 8-77955
- Zenses, C.** *see* Ragiadakis, C. 8-62303
- Zentgraf, H.**, Hoppe, R. The first oxonicolate (III) with island structure: Na₃[NiO₄] 8-63736
- Zentsov, A.I.** *see* Shevakin, Yu.F. 8-60604
- Zentsov, V.P.** *see* Yunusov, N.B. 8-76034
- Zepeda, A.** Mass of the up quark 8-70323
- Zephat, A.G.** *see* Hesselink, W.H.A. 8-58249
- Zeppetella, A.** Analysis of the adapting bump model of the horseshoe crab eye 8-73160
- Zerda, J.** *see* Zerda, T.W. 8-75245
- Zerda, T.W.** Dipole moment correlation function of ν_3 band of CS₂ 8-74650
- Zerda, T.W.**, Hacura, A., Zerda, J., Kluk, E. Rotational diffusion of gaseous carbon disulfide perturbed by He, Ar and N₂ 8-75245
- Zernike, F.** *see* McFarlane, R. 8-71136
- Zeroka, D.** Two center one electron molecular integrals of a certain type 8-66468
- Zerull, R.H.**, Giese, R.H., Weiss, K. Scattering measurements of irregular particles vs. Mie-theory 8-58918
- Zerull, R.H.** *see* Giese, R.H. 8-57499
- Zerwas, P.M.** *see* Rein, D. 8-70353
- Zerweck, G.** *see* de Lima, O.F. 8-91828
- Zetarak, D.G.** *see* Chen, J.D. 8-94076
- Zetterberg, A.** *see* Fox, C.H. 8-65163

- Zettlemoyer, A.C.**, Siddiqi, M., Micale, F.J. Surface properties of heat-treated chromia of narrow particle size distribution 8-85210
- Zettler, C.** see Blechschmidt, D. 8-58510
- Zettwoog, P.** see Quinault, J.M. 8-81387
- Zetzsch, C.** Determination of the dissociation energies of imino radicals from data on pre-dissociation of their (C^{II})-states 8-90237
- Zetzsch, C.** see Michels, F. 8-73121
- Zeuge, W.** see Lauterborn, D. 8-65603
- Zeuthen, T.**, Ramos, M., Ellory, J.C. Inhibition of active chloride transport by piractinide 8-64967
- Zevin, V.** see Berkowitz, D. 8-95522
- Zewail, A.H.** Coherent optical spectroscopy of molecules undergoing resonance scattering and radiationless transitions: the right-angle photon echo 8-86978
- Zewail, A.H.**, Godar, D.E., Jones, K.E., Orlovski, T.E., Shah, R.R., Nichols, A. Coherent optical spectroscopy of molecules and molecular beams 8-82054
- Zewail, A.H.** see Hochstrasser, R.M. 8-86898
- Zewail, A.H. (editor)** Proceedings of the Society of Photo-Optical Instrumentation Engngs, vol.113. Advances in Laser Spectroscopy I 8-82052
- Zeyen, C.** see Blaschko, O. 8-67825
- Zeyfang, R.R.** see Henson, R.M. 8-52447
- Zeyher, R.** Microscopic and model theories of lattice dynamics in non-metals 8-59871
- Zeyher, R.** Theory of correlations functions in superionic conductors 8-79674
- Zeyher, R.** see Merlin, R. 8-60457
- Zeynalov, Y.** The principle of non-additiveness in the action of light and the concept of two photosystems at the photosynthesis in green plants 8-80842
- Zeytounian, R.Kh.** see Guiraud, J.P. 8-75148
- ZeZula, S.** see Freeman, R.D. 8-64984
- Zgierski, M.Z.**, Henneker, W.H. Vibronic spectra of molecular systems 8-67778
- Zgierski, M.Z.**, Pawlikowski, M. Theory of depolarisation dispersion of inversely polarised modes in heme proteins 8-78676
- Zgierski, M.Z.** see Henneker, W.H. 8-94234, 8-94249
- Zgierski, M.Z.** see Pawlikowski, M. 8-78714
- Zgierski, M.Z.** see Siebrand, W. 8-86903
- Zglinski, A.**, Kozlowski, T., Sujkowski, Z., Evseev, V.S. Fission of muonic ²³²Th and ²³⁹Pu 8-89845
- Zglinski, A.** see Kerek, A. 8-50440
- Zglinski, A.** see Kozlowski, T. 8-89825
- Zhabko, T.E.** see Sirota, N.N. 8-83983
- Zhabotinski, M.E.**, Grigoryants, V.V., Zolin, V.F. Spectra of stimulated Raman scattering in fibers 8-66869
- Zhabotinski, A.M.** see Ataulkhanov, F.I. 8-53354
- Zhabotinskii, M.E.**, Foigel', A.V. Forming of fibrous lightguides with a small azimuthal asymmetry of the billet 8-87172
- Zhabotinskii, M.E.** see Grigor'yants, V.V. 8-59137
- Zhabotinskii, N.P.** see Mozharov, M.V. 8-56670
- Zhabrev, V.A.** see Sviridov, S.I. 8-87819
- Zhachkin, V.A.** see Bogomolova, L.D. 8-88180
- Zhadan, V.I.** Determination of roughness of a water surface 8-63441
- Zhad'ko, I.P.** see Babichev, G.G. 8-84257
- Zhak, V.D.** see Blinov, V.V. 8-71076
- Zhak, V.M.** see Monakhov, F.I. 8-73319
- Zhakina, A.I.** Equilibrium and stability of the separation surface between a liquid dielectric and a perfectly conducting liquid 8-91510
- Zhaleiko, G.A.** see Petryaev, E.P. 8-61035
- Zhan Da-San** The statistical properties of the superposition of a speckle pattern and a coherent background 8-90368
- Zhang, H.L.**, Schluter, M. A theoretical study of Al overlayers on Si(111) 8-95366
- Zhang De** Suppression of direct transmission in SAW resonator filters by inverse phase IDT 8-79181
- Zhang Guang-Yin** The elimination and regulation of astigmatism in spherical mirror folded cavities 8-90431
- Zhang He-qi** Propagation of low frequency electromagnetic wave in a relativistic electron gas 8-67356
- Zhang Jing-Guo** Measurement of the band width of electron channelling patterns in scanning electron microscopy 8-91366
- Zhang Jun** see Shen Zhu-Tong 8-80484
- Zhang Mao-Shu** see Lu Zhao-Xun 8-61332
- Zhang Shan-Shan** see Lin Fu-Cheng 8-90418
- Zhang Shu-yi**, Gao Xue-Kui Optical detection of acoustic waves in quartz substrate excited by interdigital transducers 8-50965
- Zhang Yu-Zhen** Gao Jie see Gao Jie Zhang Yu-Zhen
- Zhang Zheng-Gang** see Xian Ding-Chang 8-50011
- Zhang Zong-Ye** see Li Guang-Lie 8-82306
- Zhangereeva, G.Zh.** see Malkin, A.Ya. 8-67160
- Zhanshora, A.P.** see Beriand, V.A. 8-73257
- Zhao Jian-Hua** see Liu Yuan-Lung 8-61357
- Zhao Song-Ling**, Lu Yuan-Wei On the linear acoustic resistance of an orifice in an infinite thin plate 8-90546
- Zhao Yu-ling**, Yao Yu-shu, Wang Wen-kui High-temperature high-pressure synthesis of perovskite-type Pb(Zn_{1/3}Nb_{2/3})O₃ 8-68654
- Zhao Yu-Ling** see Yao Yu-Shu 8-52825
- Zharikov, E.V.** see Kaminskii, A.A. 8-95593
- Zharikov, V.N.** see Demirkhanov, R.A. 8-75474
- Zharkoi, Yu.V.** see Popov, Yu.A. 8-72994
- Zharkov, G.F.**, Al'tudov, Yu.K. On the nonstationary Josephson effect 8-60255
- Zharkov, G.F.**, Zaikin, A.D. Josephson junction in inhomogeneous field 8-84350
- Zharkov, G.F.** see Vasenko, S.A. 8-80103
- Zharkov, V.N.**, Molodenskiy, S.M. Dynamic shear modulus corrections for Love numbers 8-85513
- Zharkov, V.N.** see Akopyan, S.Ts. 8-61349
- Zharkov, V.N.** see Efimov, A.B. 8-65547
- Zharkov, V.N.** see Gliko, A.O. 8-85488
- Zharkova, V.V.** On the Ha-output coefficient influence on the source functions 8-73690
- Zharnikov, S.D.**, Manak, I.S., Shilov, A.F. Investigation of temperature distribution in the surface of a semiconductor source of infrared radiation 8-74909
- Zharov, A.A.** see Brodsky, Yu.Ya. 8-75353
- Zharov, A.M.** see Bogdanov, S.V. 8-90623
- Zharov, N.I.**, Kudryashov, G.V. Cavitation in flow around three-dimensional projections on spillway surfaces 8-67232
- Zhavoronkov, N.M.** see Kholpanov, L.P. 8-59398
- Zhbankov, R.G.**, Buslov, D.K., Pcholkin, A.V., Brazhnik, L.G. On program use of molecular spectroscopy methods 8-62782
- Zhbanov, Yu.K.**, Zhuravlev, V.F. Some properties of the finite rotations of a rigid body in the presence of nonholonomic couplings 8-63272
- Zhdan, A.G.** see Darevskii, A.S. 8-95392
- Zhdankin, A.P.** see Slivka, V.Yu. 8-88315
- Zhdanov, A.A.** see Andrianov, K.A. 8-76891
- Zhdanov, B.V.** see Akhmanov, S.A. 8-59083
- Zhdanov, S.K.**, Trubnikov, B.A. Electromagnetic field oscillations near a plasma focus and a Z-pinch 8-79458
- Zhdanov, S.P.** see Pfeifer, H. 8-60027
- Zhdanov, V.A.**, Teodorovich, S.B. Non-parametric calculation of the binding energy and lattice constant of KNa₂ 8-51462
- Zhdanov, V.P.**, Chibisov, M.I. Calculation of the electron-ion bremsstrahlung with shielding 8-66667
- Zhdanova, V.V.**, Oskotskii, V.S., Sergeev, V.P. Thermal expansion of samarium monosulfide 8-87797
- Zhebrovskii, Yu.V.** see Gorbenko, V.G. 8-54637
- Zhechev, D.Z.**, Chaika, M.P. Radiation from a hollow-cathode discharge in a weak magnetic field 8-70789
- Zheenbaev, Z.Z.** see Asanaliyev, M.K. 8-71556
- Zheenbaev, Zh.Zh.** see Asanaliyev, M.K. 8-94903
- Zhegalina, E.A.** see Golik, L.L. 8-60130
- Zhegina, I.P.** see Belyakov, L.N. 8-85045
- Zhekamukhov, M.K.** Effect of a water film on the structure of ice growing beneath it 8-83922
- Zhelev, Zh.** see Adam, I. 8-78261
- Zheleznyi, B.V.** see Bondarenko, N.F. 8-51788
- Zheleznykh, I.M.**, Leonov, Yu.S. Some potential applications of muon and neutrino detection 8-55109
- Zhelto, V.V.** see Zenkevitch, V.B. 8-84345
- Zheludev, I.S.** see Magataev, V.K. 8-72477
- Zheludev, I.S.** see Vlokh, O.G. 8-76394
- Zhelyazkov, I.**, Tagare, S.G., Shukla, P.K. Saw-tooth shaped lower hybrid waves 8-59579
- Zhelyazkov, I.** see Tagare, S.G. 8-91108
- Zhemerev, A.V.**, Medvedev, Yu.A., Stepanov, B.M. A light flash excited by a γ -quantum pulse without direct visibility of the source 8-69457
- Zhemerev, A.V.**, Medvedev, Yu.A., Stepanov, B.M. Luminous emittance of neutron beam in air 8-86567
- Zhen Yang** see Yang Zhen
- Zhen-ru Wang** see Wang Zhen-ru
- Zhen-Ya Liang** see Liang Zhen-Ya
- Zheng Neng-wu** A new empirical formula for the calculation of ionization potentials 8-70956
- Zheng Qi-Tai** see Fan Hai-Fu 8-67611
- Zheng Xi-Te** see Xian Ding-Chang 8-50011
- Zheng Zhi-Zhen**, Hu Zuo-Chun Time and spatial variations of the average dislocation before and after large earthquakes [China] 8-61334
- Zheng-Gang Zhang** see Zhang Zheng-Gang
- Zheng-Hao Chen** see Chen Zheng-Hao
- Zheng-Ming Luo** see Luo Zheng-Ming
- Zheng-Yi Xu** see Xu Zheng-Yi
- Zherditskii, N.T.** see Koval'chenko, M.S. 8-60599
- Zherebchevskii, D.E.**, Naberezhnykh, V.P. Surface impedance oscillations in a metal film in perpendicular magnetic field 8-76165
- Zherebtsov, V.A.** see Andriyakhin, A.M. 8-51386
- Zhernov, A.P.** The role of lattice relaxation and zero-point vibrations in the formation energy of dilute binary alloys of simple metals 8-83771
- Zhernov, A.P.** The role of lattice relaxation and zero-point vibrations in the formation energy of dilute binary alloys of simple metals 8-87646
- Zhernov, A.P.**, Solt, G. Heat of formation of dilute binary solutions of alkali metals 8-75840
- Zhernov, S.A.**, Omel'yanenko, I.F., Sirenko, A.F. Structural changes in copper and aluminium single crystals under the influence of static and dynamic stresses 8-92300
- Zhernova, Z.Ja.** see Preobrazhensky, V.B. 8-84342
- Zhestkov, B.A.**, Lukash, V.P. Temperature of injection-cooled radiatively-heated perforated wall 8-90671
- Zhi Gao** see Gao Zhi
- Zhi-Gang Jin Yan Wang** see Jin Yan Wang Zhi-Gang
- Zhi-Gou Wang** see Wang Zhi-Gou
- Zhi-Zhen Zheng** see Zheng Zhi-Zhen
- Zhi-Zhong Jiang** see Jiang Zhi-Zhong
- Zhichina, N.I.** see Gringauz, G.D. 8-80570
- Zhidenko, G.L.** Use of statistical methods in ultrasonic analysis of real defects 8-72976
- Zhidkin, P.I.** see Bolotinikova, T.N. 8-90208
- Zhidko, V.I.** see Ostapchuk, N.V. 8-67006
- Zhidkov, N.P.** see Burova, E.M. 8-79501
- Zhidkov, V.G.**, Kiryukhin, V.G., Paranchev, L.G., Suvorova, M.I., Surikova, I.A. On the dynamical structure of a vortex formation 8-85591
- Zhidkov, V.G.** see Kiryukhin, V.G. 8-85592
- Zhidomirov, G.M.** see Abronin, I.A. 8-82638
- Zhidomirov, G.M.** see Parmon, V.N. 8-86895
- Zhidomirov, G.M.** see Shteinsneider, N.Ya. 8-88170
- Zhidov, I.G.**, Meshkov, E.E., Popov, V.V., Rogachev, V.G., Tolshmyakov, A.I. Formation of a vortex ring during ascent of a large air bubble in water 8-83410
- Zhidovinov, A.M.** see Kondratov, V.A. 8-77957
- Zhigalov, V.S.**, Frolov, G.I. Stresses in cermet films of the system (Fe-Ni)_{1-x}(SiO)₂ 8-75951
- Zhiglinskii, A.G.**, Kalmakov, A.A., Tsarev, V.I., Shcherbakova, T.N. An investigation of correlation relationships in the spectrum of an arc discharge 8-70196
- Zhiglinskii, A.G.**, Parchevskii, S.G., Putilin, E.S. Formation of a light wavefront in a Fabry-Perot interferometer 8-54449
- Zhiglinskii, A.G.** see Babaev, V.S. 8-57942
- Zhiglinskii, A.G.** see Denaev, V.V. 8-82027
- Zhigunov, V.P.** see Asratyan, A.E. 8-62389
- Zhikharev, G.M.** see Sarkisyan, A.S. 8-61428
- Zhikharev, V.N.**, Zeif, A.P., Popik, Yu.V., Chernyavskii, L.I. Mechanism of the adsorption of oxygen on the surface of a single crystal of barium titanate 8-63927
- Zhileikin, Ya.M.** see Abaliev, M.A. 8-83026
- Zhileikin, Ya.M.** see Bakhvalov, N.S. 8-94465, 8-94469
- Zhilich, A.G.** see Monozon, B.S. 8-72554, 8-92055
- Zhilin, N.S.**, Subbotin, L.S. Devices for reproducing reference time intervals 8-77869
- Zhilin, V.M.** On the accuracy of fundamental quasimonochromatic stellar photoelectric photometry 8-65505
- Zhilin, V.M.** see Belyakina, T.S. 8-57588
- Zhilinskii, A.P.**, Rozhanskii, V.A., Tsendin, L.D. The effect of boundary conditions in the diffusion of a weakly ionised plasma in a magnetic field 8-75278
- Zhilinskii, A.P.**, Smirnov, A.S. 'Short-circuit effect' in a dielectric chamber 8-71446
- Zhilinskii, B.** Qualitative theory of clusters in vibration rotation spectra of high symmetry molecules 8-58645
- Zhilinskii, B.I.** Nonrigid molecules with several large-amplitude coordinates 8-62789
- Zhilinskii, B.I.**, Istomin, V.A., Stepanov, N.F. Vibration-rotation Hamiltonian for nonrigid triatomic molecules with diatomic rigid core 8-74629
- Zhilkin, B.P.**, Syromyatnikov, N.I. Heat transfer from flat bodies on air cushion 8-83220
- Zhilkin, B.P.**, Syromyatnikov, N.I. Investigation of the hydrodynamic conditions of jet heat transfer 8-83447
- Zhilkin, V.A.**, Popov, A.M. Determination of three strain-tensor components from data on only one deformed raster 8-63404
- Zhilkin, V.M.** see Novinskii, N.A. 8-77906, 8-81967
- Zhiyakov, S.M.**, Ivogla, V.V., Mal'tsev, V.I., Naiden, E.P. Magnetic structure of Li-Zn spinel ferrites 8-68175
- Zhinkina, V.B.** see Borishanskii, V.M. 8-55643

- Zhirov, O.V.**, Shuryak, E.V. A simple model of collective effects in hadron-nuclear collisions at high energies 8-89809
- Zhiryakov, B.M.**, Popov, N.I. Some features of weak Q-switching in a ruby laser resonator 8-50834
- Zhiryakov, B.M.**, Popov, N.I., Samokhin, A.A. Effect of plasma on the interaction between laser radiation and a metal 8-87506
- Zhitar, V.F.**, Moldovyan, N.A. Residual conductivity of $\text{Zn}_{1-x}\text{S}_{1+x}$ single crystals 8-56185
- Zhitar, V.F.** see Kobzareno, V.N. 8-52677
- Zhitari, R.P.** see Boyarskaya, Yu.S. 8-51538
- Zhitaryuk, V.G.**, Guminetskii, S.G. A simplified method for determining the absorption index of fine interference layers 8-82908
- Zhitnik, I.A.** see Aglizki, E.V. 8-53912
- Zhitnikov, R.A.** see Badalyan, A.G. 8-91947
- Zhitnikov, R.A.** see Bagraev, N.T. 8-68411
- Zhitnikov, R.A.** see Baranov, P.G. 8-91933
- Zhitnikov, R.A.** see Dmitriev, S.P. 8-82671
- Zhitomirskii, I.S.**, Kislov, A.M., Romanenko, V.G. Nonstationary problem of heat transfer in laminar-vacuum insulation 8-59279
- Zhitomirskii, I.S.**, Yastrzhemskii, A.L., Volosyuk, V.A. Effect of the inhomogeneity of the temperature field in the screen cooled by exhaust gases on the efficiency of a cryostat 8-62204
- Zhivaeva, L.V.** see Pyn'ko, V.G. 8-60319
- Zhipovistsev, F.A.**, Shitikova, K.V. On an intermediate structure of giant analog resonances in medium and heavy nuclei 8-62517
- Zhipovistsev, F.A.** see Goncharova, N.G. 8-54747
- Zhizhin, G.N.** see Allakhverdiev, K.R. 8-59903
- Zhizhin, G.N.** see Balashov, A.A. 8-58073, 8-70204
- Zhizhin, G.V.** Two-phase flows with friction 8-59458
- Zhizhin, G.V.** see Goryachko, I.G. 8-75033
- Zhmyreva, I.A.** see Kolobkov, V.P. 8-64415
- Zhmyrov, V.N.** see Azhgirei, L.S. 8-78394
- Zhmyrov, V.N.** see Azhgirei, L.S. 8-89727, 8-89887
- Zhogolev, D.A.** see Solov'ev, V.V. 8-82649
- Zhokhovets, S.V.** see Grishechikina, S.P. 8-88269
- Zholnerov, V.S.** Buffer mixtures for the gas cell of an optically pumped frequency standard 8-82938
- Zholob, V.M.**, Koval', V.P. Experimental investigation of vortical filaments generated in a rotating stream 8-88460
- Zhong Yu-Shu** see Yang Ze-Sen 8-82297
- Zhong-Mo Chen** see Chen Zhong-Mo
- Zhong-Yu Qian** see Qian Zhong-Yu
- Zhorin, V.A.**, Luizo, Yu.V., Kissin, Yu.V., Shaulov, A.Yu., Enikolopyan, N.S. Migration of a substance at high pressure with shearing stress 8-51678
- Zhornyak, A.F.** see Gaiduchenko, A.K. 8-60614
- Zhotabae, Zh.R.** see Bekmukbambetov, E.S. 8-91485
- Zhotikov, V.G.** see Borovik-Romanov, A.S. 8-72419
- Zhou, I.N.** see Braude, S.Ya. 8-57461, 8-57471, 8-57663, 8-57664
- Zhovnir, G.I.** A variational principle for the hyperbolic heat conduction equation 8-83213
- Zhovty, E.I.** see Vergasova, G.V. 8-61664
- Zhovtyankii, V.A.** see Chutov, Yu.I. 8-86351
- Zhovtyy, Ye.I.** see Vergasova, G.V. 8-73558
- Zhu Zai-Wan, Xu Ji-An** On the superconducting transition temperature of metallic elements in periodical system and A-15 compounds 8-52116
- Zhu-Tong Shen** see Shen Zhu-Tong
- Zhuchenko, T.A.** see Tulinov, V.F. 8-69575
- Zhuchenko, Yu.M.** see Tulinov, V.F. 8-69575
- Zhuchko, V.E.**, Ostapenko, Yu.B., Smirepin, G.N., Soldatov, A.S., Tsipenyuk, Yu.M. Angular distribution of the fragments from photofission of ^{235}U 8-54808
- Zhuchkov, M.V.**, Klement'ev, F.M., Kurin, A.F., Nesterenko, Yu.N. The quadratic grouping of electrons directed by transversely inhomogeneous magnetostatic fields 8-74822
- Zhuk, I.T.**, Pisklyak, Z.I., Kushlak, D.I., Mylyk, O.S. Nondestructive testing and its prospects 8-73002
- Zhuk, P.F.** see Lyashko, I.I. 8-54154
- Zhukhlistova, N.E.** see Bezborodova, S.I. 8-71718
- Zhukhovitskii, E.M.** see Gerzhuni, G.Z. 8-55644
- Zhukov, A.A.**, Borisova, O.M., Karaseva, V.A. Sulfide phase in high-sulfur cast irons 8-56646
- Zhukov, A.I.** see Gann, V.V. 8-87670
- Zhukov, A.V.** see Ushakov, P.A. 8-89932
- Zhukov, B.G.** see Drobyshevskii, E.M. 8-71506
- Zhukov, G.V.** see Palatnik, L.S. 8-75950
- Zhukov, K.V.** see Lidorenko, N.S. 8-83065
- Zhukov, M.F.**, Zasyupkin, I.M., Mishne, I.I., Sazonov, M.I. Turbulent heat transfer in output electrode of plasmatron with interelectrode insert 8-71555
- Zhukov, M.F.**, Zasyupkin, I.M., Mishne, I.I., Sazonov, M.I. Voltage gradient of electric arc in fully-developed turbulent flow of air 8-71597
- Zhukov, M.V.** see Vibicke, Kh.I. 8-86497
- Zhukov, O.N.** see Medvinskii, M.D. 8-60951
- Zhukov, S.A.** see Chernyy, F.B. 8-57275
- Zhukov, V.K.** see Volodarskii, V.V. 8-88614
- Zhukov, V.M.** see Aksenov, M.S. 8-75459
- Zhukov, V.P.**, Kapinos, V.G., Kevorkyan, Yu.R., Fedorov, G.B. Calculation of the vibrational spectrum of an α -iron crystallite containing an interstitial carbon atom 8-67796
- Zhukov, V.S.**, Pershin, V.K. Dynamics of the smectic-nematic crystal phase transition 8-55938
- Zhukova, G.A.** see Klyuev, V.V. 8-53092
- Zhukova, N.I.**, Kazantsev, A.P. Cooling and heating of atoms accompanying collision in light field 8-62874
- Zhukova, T.B.**, Logachev, Yu.A., Sysoeva, L.M. Phase transitions in GeTe doped with group I impurities 8-88264
- Zhukova, T.B.**, Sergeeva, V.M., Shul'man, C.G., Smirnov, I.A. X-ray diffraction data on metal-semiconductor structures in samarium monosulfide 8-91618
- Zhukova, T.B.** see Averkiev, S.A. 8-88342
- Zhukova, T.B.** see Ryabov, A.V. 8-60015
- Zhukova, V.N.** see Pimshtein, P.G. 8-63399
- Zhukovets, Zh.G.** The effect of replacing boron oxide by aluminium and gallium oxides on the properties of glasses in the $\text{K}_2(\text{F},\text{O})-\text{B}_2\text{O}_3-\text{SiO}_2$ system 8-63677
- Zhukovets, Zh.G.** see Buzhinskii, I.M. 8-90522
- Zhukovskii, V.Ch.** Radiation from a charge in a non-uniform magnetic field 8-78876
- Zhukovskii, V.Ch.**, Eminov, P.A., Khamid, S.A. Lepton processes in super-strong magnetic fields 8-78159
- Zhukovskii, V.Ch.**, Shishanin, O.E. The role of betatron vibrations in the formation of synchrotron radiation 8-50684
- Zhukovskii, V.Ch.** see Borisov, A.V. 8-49991
- Zhukovskii, V.G.** see Bortnikov, A.V. 8-59643
- Zhukovskii, V.I.** see Bakhramova, N.P. 8-52733
- Zhulanov, Yu.V.**, Petryanov, I.V., Sadovsky, B.F. Laser photoelectric spectrometer of large condensation nuclei 8-65408
- Zhulego, V.G.** see Fedorov, F.I. 8-89638
- Zhulina, E.B.** see Skvortsov, A.M. 8-50672, 8-70992
- Zhumadilov, E.K.** see Nefedov, V.I. 8-86912
- Zhuo Yu-Ru** see Chen Pei-Shan 8-61358
- Zhupan, Yu.Yu.** see Anokhov, S.P. 8-50829
- Zhurakovskii, A.P.** see Elango, M.A. 8-92132
- Zhuravlev, A.G.**, Berdinskii, V.L., Buchachenko, A.L. High frequency current generation by photochemical reaction products 8-78985
- Zhuravlev, A.V.** see Alekseev, B.F. 8-64278
- Zhuravlev, B.I.**, Nikitinskii, V.A., Zakharov, A.S. Ion source based on a discharge contracted in crossed fields 8-86382
- Zhuravlev, G.I.** see Bykovskii, Yu.A. 8-59631
- Zhuravlev, I.P.**, Rostovskii, V.S., Yudin, N.P. Aspects of a description of photonuclear reactions in the coupled channels method 8-50153
- Zhuravlev, L.G.** see Povolotskii, V.D. 8-56639
- Zhuravlev, S.G.** On the stationary points of the gravitational fields of the Earth, the Moon and Mars 8-53805
- Zhuravlev, V.A.**, Karpov, O.V., Petrov, G.D., Yurchuk, E.F. Determining parameters of a plasma by the low-frequency fluctuations of scattered light 8-75412
- Zhuravlev, V.A.** see Fidel'man, V.R. 8-87810
- Zhuravlev, V.F.** see Zhanbova, Yu.K. 8-63272
- Zhuravlev, V.L.** see Safonova, T.A. 8-53374
- Zhuravlev, V.P.** On reasons for the disintegration of polypropylene under tension 8-84940
- Zhuravlev, V.P.**, Novikov, E.N. The effective field of a three-electrode lateral logging probe 8-53762
- Zhuravleva, R.S.** see Skreblukov, A.E. 8-92123
- Zhurba, Yu.I.**, Orlov, V.G. Study of chemical photographic processing influence on physical-mechanical properties of motion picture photographic materials 8-93778
- Zhurilenko, B.E.** see Danilov, V.V. 8-76236
- Zhurina, M.I.** Numerical solution of Lippmann-Schwinger integral equation 8-81802
- Zhurkin, E.S.** see Prokof'ev, A.A. 8-90286
- Zhurkin, V.B.** see Sharonov, Yu.A. 8-76997
- Zhusupov, M.A.** see Golovanova, N.F. 8-58285
- Zhuvaigin, I.G.**, Laptev, V.V., Kalistratov, G.A., Lobankov, V.M. Condition of metrological provisions for geophysical measuring equipment at the Minnefteprom enterprises 8-93002
- Zhuzhunashvili, A.I.** see Babaritskii, A.I. 8-87458
- Zhvalev, V.F.** see Kondrat'ev, K.Ya. 8-81408
- Zhvaniya, I.A.**, Maksimov, M.Z., Tkhor, G.A. Solving a set of differential equations of heat and electrical transfer 8-67004
- Zi-Wei Bao** see Bao Zi-Wei
- Zi-Zhao Gan** see Gan Zi-Zhao
- Zi-Zhong Liu** see Liu Zi-Zhong
- Zia, R.K.P.** see Wallace, D.J. 8-49634
- Ziajka, P.E.** see Davidson, J. 8-67407
- Ziajka, P.E.** see Wells, D.R. 8-71504
- Ziatdinov, A.M.** see Zariop, M.M. 8-68000
- Zib, P.** see von Gogh, R.G. 8-73451
- Zibold, G.** Mictomagnet AuFe: frequency dependence of the susceptibility maximum 8-95445
- Zichichi, A.** see Basile, M. 8-70416, 8-74240
- Zichy, J.** see Albanese, J.P. 8-54802
- Zichy, J.** see Ingram, Q. 8-62579
- Zichy, J.** see Jansen, J. 8-86552
- Zichy, J.** see Wiedner, C.A. 8-89915
- Zidarov, D.P.**, Targova, Y.P. Method for determining the absolute value of the horizontal component of the Earth's magnetic field 8-81420
- Zidek, A.**, Sobacka, E. The effect of primary matrix on the development of the orientation (110)/001/ during secondary re-crystallization in Fe-3% Si alloy 8-60679
- Zidlev, N.N.** Theoretical picture of flow over the north Urals assuming a stable atmosphere 8-53712
- Ziebart, W.** see Heckel, K. 8-63389
- Ziebeck, K.R.A.** see Booth, J.G. 8-64191
- Ziebeck, K.R.A.** see Brown, P.J. 8-76223
- Ziebell, L.F.** see Wu, C.S. 8-83542
- Ziegelmann, H.** see Alt, E.O. 8-78331
- Ziegler, E.**, Siegel, W., Kuhnelt, G., Buhrig, E. Incorporation of gallium in ZnSiP 8-76077
- Ziegler, G.** Influence of strain on Nb_3Sn multifilament conductors 8-80108
- Ziegler, G.**, Leucht, R. Investigations of the thermal shock behaviour of silicon nitride 8-64561
- Ziegler, H.** An introduction to thermomechanics 8-54187
- Ziegler, J.F.** Helium. Stopping powers and ranges in all elemental matter 8-58565
- Ziegler, M.** see Rosenfeld, M. 8-63728
- Ziegler, P.** see Bechtold, V. 8-55065
- Ziegler, W.**, Hartmann, G., Wegmann, B. Studies on first-operation cupping of quenched and tempered steel sheet 8-72788
- Ziegler-Naray, M.** see Janossy, L. 8-66481, 8-86794
- Ziel, A.** Van der see van der Ziel, A.
- Ziel, A.** Van Der see Van Der Ziel, A.
- Ziel, J.P.** Van der see Van der Ziel, J.P.
- Ziel, J.P.** Van Der see Van Der Ziel, J.P.
- Zielen, A.J.**, Williams, J.M. A new algorithm for rapid and precise centering of reflections in computer-controlled neutron diffractometers 8-75503
- Zielenkiewicz, W.**, Tabaka, A. Resistance thermometers: automatic precision temperature measuring system 8-49834
- Zielinska-Pfabe, M.** Angular momenta of fission fragments 8-86525
- Zielinski, A.** see Brunne, M. 8-63140
- Zielinski, A.** see Lunarska, E. 8-95771
- Zielinski, A.** see Milewski, J. 8-63053
- Zielinski, J.**, Turecki, Zb. On the significance of indirect coupling between localized impurities 8-64001
- Zielinski, L.B.** see Mauer, J.L. 8-72907
- Zielinski, P.G.**, Matyja, H. Electrical conductivity of liquid tellurium-antimony alloys 8-84186
- Zielke, E.** see Sabadil, H. 8-67333
- Zielke, H.** see Forstel, H. 8-73404
- Zielke, W.** see Brahmer-Kacprzynska, A. 8-75354
- Ziemer, P.L.** see Graham, B.W. 8-85387
- Ziemier, P.L.** see Mohammadi, H. 8-94163
- Zieminski, A.** see Bockmann, K. 8-93912
- Zieminski, A.** see Ferrando, A. 8-54650
- Zieminski, A.** see Moriyasu, K. 8-66165
- Ziener, R.** see Hogner, W. 8-89571
- Zienkiewicz, O.C.** see Morgan, K. 8-75030
- Zienkiewicz, O.C.** see Pugh, E.D.L. 8-75071
- Ziep, O.** see Beneslavskii, S.D. 8-76080
- Zierau, W.** see Falter, C. 8-91332
- Zierau, W.** see Viehues, H. 8-71797
- Zierep, J.** Instabilities in flows of viscous, heat conducting media. 21st Ludwig Prandtl Memorial Lecture, Brussels, March 28, 1978 8-79308
- Zierep, J.** see Bohning, R. 8-94661
- Ziermann, E.** see Ivens, G. 8-54838
- Zierold, K.**, Schafer, D. Quantitative X-ray microanalysis of diffusible ions in the skeletal muscle bulk specimen 8-57143
- Ziesche, P.**, Wonn, H., Muller, Ch., Nemoshkalenko, V.V., Krivitskii, V.P. Theoretical and experimental investigation of the electronic structure of the B2-compound FeAl 8-63969
- Ziesche, P.** see Nemoshkalenko, V.V. 8-75991
- Ziffermayer, G.** see Perrinjaquet, M. 8-74461
- Zigangirov, K.Sh.** Potential possibilities of detection of random paths 8-58551

- Zigman, S. Ultraviolet light and human lens pigmentation 8-65100
- Zigman, V.J., Milic, B.S. On the theory of the stability of a weakly ionized plasma in DC electric field 8-75308
- Zigone, M., Hirilmann, C., Jouanne, M., Chevallier, J., Martin, M.S. Long wavelength optical phonons replica in $\text{Mg}_2\text{Zn}_{1-x}\text{Te}$ mixed crystals 8-60468
- Zigone, M., Kunc, K., Plumelle, P., Vandevyver, M. Vibrational modes of transition element impurities in zinc sulphide crystals 8-76472
- Zihlif, A.M., Duckett, R.A., Ward, I.M. The Poisson's ratio of ultra-drawn polyethylene and polypropylene fibres using Michelson's interferometry 8-80596
- Zihlif, A.M. see Duckett, R.A. 8-52898
- Zijlstra, H. Trends in permanent magnet material development 8-91895
- Zijlstra, H. see van Landuyt, J. 8-91902
- Zijlstra, W.G. see Jansen, T.C. 8-81003
- Zikovskiy, L., Schweikert, E.A. Use of computer simulated γ -ray spectra in activation analysis 8-92577
- Zikovskiy, L. see McGinley, J.R. 8-85240
- Zil'berberg, V.G. see Karpinos, D.M. 8-52696
- Zil'berman, A.G. see Burova, E.M. 8-79501
- Zil'berman, A.G. see Lakhtin, Yu.M. 8-56814
- Zilberman, D. see Hochman, E. 8-61455
- Zil'berman, G.Ye., Kupchenko, L.F. The passage of light through an ultrasonic beam in a homogeneous isotropic dielectric 8-82905
- Zil'berman, P.E. Landau electron absorption mechanism and spin wave amplification 8-72344
- Zilbershtein, A.Kh., Solov'ev, L.E. Effect of external actions on uniaxial noncentrosymmetric crystals with intersecting $n_x(\lambda)$ and $n_y(\lambda)$ dispersion curves 8-84552
- Ziling, K.K., Pokrovskii, L.D., Shashkin, V.V., Shipilova, D.P. Relationship between the refractive index and the diffusion of titanium in planar LiNbO_3 waveguides 8-59120
- Zilitinkevich, S.S. On evaluation of the oceanic surface drift current speed and direction 8-61422
- Zilko, J.L., Greene, J.E. Growth of metastable $\text{InSb}_{1-x}\text{Bi}_x$ thin films by multitarget sputtering 8-84711
- Zilm, K.W., Alderman, D.W., Grant, D.M. A high-speed magic angle spinner 8-89516
- Zima, M.N. see Volchok, I.P. 8-56735
- Zimakoff, V.P. see Generalov, N.A. 8-71514
- Ziman, V.M., Tagirov, R.B., Nazatsev, F.S., Druzhinin, G.A., Batyrshin, G.Sh. Special lamp for heating rotating substrates 8-59164
- Zimanyi, J. see De, J.N. 8-89894
- Zimanyi, J. see Montvay, I. 8-82389
- Zimek, Z. A single-pulse toroidal coil beam-charge monitor 8-78036
- Zimmerman, A.H. see Ruggiero, J.R. 8-81887
- Zimmerman, A.H. see Villani, A. 8-81855
- Zimin, E.P., Krugerskii, A.M. Determination of the shape of monodisperse screens using the scattering indicatrix in Fraunhofer diffraction 8-71033
- Zimin, N.I., Vorob'ev, S.A. The possibility of induced radiation from a channelled electron 8-64425
- Zimkina, T.M. see Lyakhovskaya, I.I. 8-88382
- Zimmels, Y. The critical conditions characterizing the formation of some heterogeneous nucleation systems 8-56023
- Zimmels, Y., Yaniv, I., Lin, I.J., Levite, U. On the design and application of magnetohydrostatic laboratory systems 8-74812
- Zimmer, E. see Ringel, H.D. 8-86668
- Zimmer, G.A. see Abuaf, N. 8-83505
- Zimmer, H., Langenberg, K.J., Becker, K.-D. Polarization dependence of transient signals in evaporation ducts 8-57269
- Zimmer, M. see Pifer, B. 8-96299
- Zimmer, R.P. see Kelly, D.L. 8-73519
- Zimmer, R.S. see White, S.J. 8-67910
- Zimmerer, G. see Brodmann, R. 8-74605
- Zimmerer, G. see Hahn, U. 8-65982
- Zimmerer, R.W. Measuring laser power 8-63124
- Zimmerman, A.W. Multiburst cloud rise [nuclear explosion] 8-94142
- Zimmerman, C.A. see Thomas, R.R. 8-86647
- Zimmerman, C.H. see McGeorge, J.C. 8-58262
- Zimmerman, C.H. see Watt, F. 8-55076
- Zimmerman, D.W. see Bell, W.T. 8-70240
- Zimmerman, D.W. see Sutton, S.R. 8-70241
- Zimmerman, G., Kershaw, D., Bailey, D., Harte, J. The LASNEX code for inertial confinement fusion 8-58478
- Zimmerman, G.A. see Dinn, N.F. 8-73421
- Zimmerman, I.H., George, T.F., Yuan, J.-M. Quantum mechanical study of molecular collisions in an intense laser field 8-62876
- Zimmerman, J.E. Cryocooler invention disclosed 8-77921
- Zimmerman, J.E. NBS detects magnetic auditory evoked responses 8-80889
- Zimmerman, J.E., Radebaugh, R. Operation of a SQUID in a very low-power cryocooler 8-93699
- Zimmerman, J.E. see Radebaugh, R. 8-93700
- Zimmerman, J.E., Flynn, T.M. (editor) Applications of Closed-Cycle Cryocoolers to Small Superconducting Devices 8-93696
- Zimmerman, M., Udd, E., Miles, R.B. Velocity profile visualization in sodium vapor seeded hypersonic helium 8-59530
- Zimmerman, M.L., Castro, J.C., Kleppner, D. Diamagnetic structure of Na Rydberg states 8-50484
- Zimmerman, P.R., Chatfield, R.B., Fishman, J., Crutzen, P.J., Hanst, P.L. Estimates on the production of CO and H_2 from the oxidation of hydrocarbon emissions from vegetation 8-88881
- Zimmermann, B., Zimmermann, R. On the temperature distribution in the tube wall during tube drawing with the aid of outer and inner tools 8-84899
- Zimmermann, B. see Neiger, M. 8-71579, 8-71580
- Zimmermann, D. see Bombi, F. 8-62619
- Zimmermann, G. How to make metal-filled microelectrodes in a reproducible way 8-69263
- Zimmermann, H. Investigations on swelling and fission gas behaviour in uranium dioxide 8-78462
- Zimmermann, H. see Diehl, P. 8-91973
- Zimmermann, H. see Fey, H.-J. 8-55190
- Zimmermann, J., Leroy, Y., Constant, E. Monte Carlo calculation of microwave and far-infrared hot-carrier mobility in N-Si: Efficiency of millimeter transit-time oscillators 8-72184
- Zimmermann, K. see Jehn, K.H. 8-77324
- Zimmermann, K.A. see Miksad, R.W. 8-88838
- Zimmermann, M. see Wei-Tou Ni 8-54259
- Zimmermann, R. Positive ion collection by a cylindrical probe in a collisional plasma 8-51352
- Zimmermann, R. see Ropke, G. 8-76004
- Zimmermann, R. see Zimmermann, B. 8-84899
- Zimmermann, U. see Heinrich, F. 8-71721
- Zimmermann, W. see Alexander, G. 8-74251, 8-89766
- Zimmermann, W. see Berger, Ch. 8-62414, 8-89725
- Zimoglyad, I.S., Kazankin, O.N. The question of thermostimulated luminescence of calcium halophosphate 8-76537
- Zimont, V.L., Meshcheryakov, E.A., Sabel'nikov, V.A. A simple model for including molecular mixing in turbulent combustion of unmixed gases 8-94849
- Zinamon, Z. see Nardi, E. 8-58404, 8-83588
- Zinchenko, A.K. see Golubovskii, Yu.B. 8-51383
- Zinchenko, E.A. see Babichev, G.G. 8-84257
- Zinchenko, E.P. see Bashkurov, Yu.P. 8-53144
- Zinchenko, N.S. see Kuzema, A.S. 8-78895
- Zinenko, V.I., Krupnyi, A.I., Pozdn'yakova, L.A. Ultrasonic investigations and thermodynamic description of the O_h - D_{4h} phase transition in CsPbCl_3 8-67826
- Zinenko, Zh.A., Stolin, A.M., Khristostomov, F.A. Thermal conditions in Couette flow of a viscous liquid 8-83391
- Zinchenkova, G.M. see Tyapunina, N.A. 8-52882
- Zingl, H. see Streit, L. 8-70391
- Zingl, H.F.K. see Mathelitsch, L. 8-70462
- Zinichev, V.A. see Abranin, E.P. 8-65597
- Zinke, O.H. see Garrison, E.G. 8-70237
- Zinken, A., Buchenau, U., Schober, H.R. Resonance splitting of phonons in Al-Ag alloys 8-75759
- Zin'kevich, A.V. see Vil'kotskii, M.A. 8-62209
- Zinkyavichyus, P.K. see Styro, B.I. 8-61634
- Zinn-Justin, J. see Bervillier, C. 8-70268
- Zinober, A.S.I. see Huntley, E. 8-57763
- Zinov, V.G. see Balandin, M.P. 8-89828
- Zinov'ev, G.M. see Bogatskaya, I.G. 8-50147
- Zinov'eva, K.N. Resonant absorption of sound at a metal surface 8-95216
- Zinser, W. see Gibson, M.M. 8-51158
- Zinsmeister, G.E. see Truong, H.V. 8-71264
- Zint, P.G. Selfconsistency conditions for rotating nuclei 8-58239
- Ziock, H.J. see Comiso, J.C. 8-89916
- Ziock, K.O.H. see Comiso, J.C. 8-89916
- Ziock, K.O.H. see Doering, R.R. 8-62555
- Ziock, P. see Comiso, J.C. 8-89916
- Ziolkiewicz, S. see Teng, M.K. 8-68464
- Ziolkowski, J. see Haber, J. 8-80813
- Ziolkowski, Z. see Bagrowski, J. 8-51331
- Ziolkowski, Z. see Derentowicz, H. 8-54869, 8-82510
- Ziolo, J., Kosiba, W. A study of the critical solutions by the nonlinear dielectric effect method 8-55952
- Ziolo, R.F., Gunther, W.H.H., O'Horo, M.P. Preparation and characterization of low optical density, superparamagnetic, small-particle iron oxide composites 8-60315
- Zioutas, K. see Beetz, R. 8-54806
- Zioutas, K. see Pavlopoulos, P. 8-62443
- Zioutas, K. see Suffert, M. 8-54642
- Zipf, E.C., McLaughlin, R.W. On the dissociation of nitrogen by electron impact and by EUV photo-absorption 8-58847
- Zipf, E.C. see Wells, W.C. 8-66672
- Zipp, P., Gessner, H., Ahrens, H. Methods of reducing movement interference when recording bioelectric signals by means of surface electrodes 8-85405
- Zipper, P. see Ribitsch, V. 8-79394
- Zipper, W. see Jarczyk, L. 8-78353
- Zipse, J.E. see Badhwar, G.D. 8-73594
- Zirap, V.E. see Aboltin, D.E. 8-72606
- Zirilli, F. An approximation method of the Hartree-Fock approximation to the first eigenvalue of an N-electrons atomic Hamiltonian 8-90062
- Zirilli, F. see Cucolo, A.M. 8-84353
- Zirilli, F. see Falcioni, M. 8-75159
- Zirin, H. The Lo/Ha ratio in solar flares, quasars, and the chromosphere 8-61826
- Zirin, H. Studies of solar flares using optical, X-ray and radio data 8-89156
- Zirinsky, S., Hammer, W., d'Heurle, F., Baglin, J. Oxidation mechanisms in WSi_2 thin films [FET gate electrodes] 8-76773
- Zirke, R.J. see Hauser, E. 8-68574
- Zirker, J.B. A solar observatory in the Canary Islands 8-65497
- Zirkle, R.E., Heinisch, R.P. Measurement of angular response of space telescopes 8-61739
- Zisk, S. see Adams, J.B. 8-61765
- Zisman, A.N. see Kachinskii, V.N. 8-87778
- Zisman, M.S. see KeKelis, G.J. 8-78245
- Zisman, M.S. see Miller, J.M. 8-50220
- Zisman, M.S. see Pieper, S.C. 8-82378
- Zisman, M.S. see Satchler, G.R. 8-58295
- Zisman, M.S. see Vandenbosch, R. 8-66316
- Zitkevich, V. see Straizys, V. 8-65635
- Zitoun, R. see Baubillier, M. 8-93877
- Zitta, V.L., Shindala, A., Corey, M.W. A mathematical simulation model for water quality planning in complex estuaries 8-73402
- Zittartz, J. Harmonic rotator, Coulomb plasma, and related models. I. General results and renormalization group treatment 8-88135
- Zittartz, J. Harmonic rotator, Coulomb plasma, and related models. II. The case of dimensions $D < 2$ and $D > 2$ 8-88136
- Zittartz, J. Harmonic rotator, Coulomb plasma, and related models. III. The two-dimensional case $D = 2$ 8-88137
- Zittartz, J. see Czyzcholl, G. 8-84184
- Zitzmann, R. see Eyal, Y. 8-82373
- Zivkovic, T.P., Monkhorst, H.J. Analytic connection between configuration-interaction and coupled cluster solutions 8-62147
- Zivojinov, J. Thermal equations of state of certain polyatomic substances 8-91413
- Zkolnerovich, I.I. see Gaisenk, V.A. 8-74641
- Zlatanov, Z. see Dzhambazova, L. 8-89762
- Zlatanov, Z. see Ermilova, D.I. 8-62468
- Zlatev, I.S. Phase-space quasi-distributions in quantum mechanics 8-54291
- Zlatev, I.S. Phase-space quasi-distributions in quantum mechanics. II 8-77741
- Zlatev, I.S. Phase-space quasi-distributions in quantum mechanics. III 8-81868
- Zlateva, G., Dzhambazova, L. Electron microscope study of corrosion process in nickel-free austenitic steels 8-85029
- Zlatkevich, L., Shepelev, M. Study of latex film structure by radiothermoluminescence 8-75575
- Zlatorunskii, A.A., Poleukhin, Yu.I., Dmitrenko, E.V., Khil'kevich, B.G., Gondadenkova, O.F. Apparatus for medical and physiological investigation of functions and working capacity of civil aviation pilots 8-85399
- Zlatosky, I. see Eliasova, M. 8-79785
- Zlepko, V.F. see Ovchinnikov, F.Ya. 8-72984
- Zlobec, P. see Lampi, L. 8-96458
- Zlodeeva, K.I. see En'shina, N.A. 8-83814
- Zlokazov, V.B. Program for constructing the estimates of the parameter of the exponential distribution under conditions of poor statistics 8-57863
- Zlotnik, E.Ya. On the interpretation of the polarized zebra structure in solar radio emission 8-96467
- Zmener, G.S. see Zakhidov, R.A. 8-90481
- Zmeykov, V.N. see Ustimenko, B.P. 8-83445
- Zmija, J. see Patryas, Z. 8-63681
- Zmija, J. see Zalewski, J. 8-55822
- Zmitruk, V.F. see Timoshenko, N.N. 8-53142
- Zmora, I., Gersten, A. Exact three-dimensional reduction of the Bethe-Salpeter equation 8-70247
- Zmuidzinas, J.S. Electron trapping and transport by supersonic solitons in one-dimensional system 8-72139
- Znamenskaya, E.V. see Moiseev, V.N. 8-56711
- Znamenskii, V.V. A numerical solution of an ablation equation 8-75134
- Znamirovskii, V. see Cozar, O. 8-50565
- Znojil, M. The recursion method of a linear operator inversion. II 8-77751

- Zoback, M.D.** Geological and geophysical studies in the New Madrid, Missouri and Charleston, South Carolina seismic areas 8-85505
- Zobin, D.** see Bhattacharjee, A.K. 8-84406
- Zobin, D.** see Ferrer, R. 8-72136
- Zobin, V.M.** Dynamic focal parameters of strong volcanic earthquakes related to lateral eruptions 8-61347
- Zoble, R.G., Selevan, J., Currie, E.H., Lassetter, K.C.** Automated on-line determination of membrane responsiveness curves 8-92761
- Zobnin, A.I.** see Rabotnov, Yu.N. 8-63381
- Zoboli, M.** see Cancellieri, G. 8-66895
- Zoccola, J.C.** see Townsend, H.E. 8-95854
- Zoetelief, J.** see Broerse, J.J. 8-69218
- Zofka, J.** see Sotona, M. 8-49721, 8-58223
- Zogg, C.A.** see Hu, E.L. 8-68114
- Zogorodny, A.G., Tegebark, R., Usenko, A.S., Yakimenko, I.P.** Enhanced fluctuations in semi-infinite plasmas 8-91069
- Zohta, Y.** Measurement of shallow- and deep-impurity center concentration by junction capacitance techniques 8-79958
- Zolesio, J.-P.** see Mossino, J. 8-63539
- Zolfaghari, A.** Statistical properties of the Poisson reverberation envelope 8-66984
- Zolin, V.F., Tsaruk, V.I.** The relationship between structure and electron-vibration spectra of europium compounds with tetrahedral ligands 8-72603
- Zolin, V.F.** see Zhabotinski, M.E. 8-66869
- Zoller, P.** Atomic relaxation and resonance fluorescence in intensity and phase-fluctuating laser light 8-82683
- Zoller, W.H.** see Reamer, D.C. 8-68975
- Zollweg, R.J.** Convection in vertical high-pressure mercury arcs 8-59701
- Zolnieriek, Z.** The cooperative Jahn-Teller effect and paramagnetic susceptibility of $S=1$ systems 8-68134
- Zolnieriek, Z., Troc, R.** Magnetic properties of tetragonal uranium compounds. I. The U_2N_2Z -ternaries 8-72333
- Zolnieriek, Z.** see Mulak, J. 8-72121
- Zol'nikov, P.P.** see Arkhipov, G.A. 8-85104
- Zolnowski, D.R., Yamada, H., Cala, S.E., Kahler, A.C., Sugihara, T.T.** Evidence for 'massive transfer' in heavy-ion reactions on rare-earth targets 8-70556
- Zolotarev, B.I., Kandyba, P.E., Khafizov, R.Z.** The effect of oxidation in chlorine-containing media on carrier scattering in inverted channels of MIOS structures 8-76156
- Zolotarev, E.L.** see Bakhrakh, L.E. 8-51354
- Zolotarev, N.A.** A mathematical model of magnetisation of ferromagnetics in a unidirectional field 8-88140
- Zolotarev, P.P., Rabinovich, Ya.I., Churaev, N.V.** Theory of deep drying of finely porous bodies and experimental verification of theory 8-59278
- Zolotarev, P.P., Rabinovich, Ya.I., Churaev, N.V.** Calculation of internal-mass transfer coefficients in porous bodies on the basis of adsorption isotherms 8-67011
- Zolotarev, S.N.** see Glezer, A.M. 8-95016
- Zolotarev, V.M., Kuraeva, L.N., Kachkin, S.S., Lisitsyn, Yu.V.** Study of the mechanism of contact interaction of plane insulator surfaces 8-88375
- Zolotarev, V.M.** see Kuraeva, L.N. 8-83094
- Zolotavin, V.L.** see Ivanov, B.N. 8-76977
- Zolotkov, V.D.** see Alekサンドров, L.N. 8-63770
- Zolotokrylin, A.N., Konyaev, K.V.** Vertical motion in the stratified ground layer of air under the canopy of a coniferous forest 8-96266
- Zolotov, A.M.** see Vol'nin, E.N. 8-74370
- Zolotov, E.M., Pelekhatyi, V.M., Prokhorov, A.M.** Investigation of tunnel excitation of an emission from diffused optical waveguides 8-59146
- Zolotov, M.A., Skudnov, V.A., Vinogradova, V.E., Sokolov, L.D.** Plasticity of alloy VT at 20-1000°C 8-56712
- Zolotov, Yu.A.** Preconcentration in inorganic trace analysis 8-85256
- Zolotova, N.M., Subbotina, G.V.** Demagnetizability of grain-oriented ferromagnetic materials 8-84449
- Zolotoyabkov, E.V., Gavrilov, V.N., Iolin, E.M.** The study of ferroelectric phase transition in $BaTiO_3$ by Mossbauer diffraction 8-92032
- Zolotuhina, L.V., Pletnev, R.N., Chirkov, A.K.** An NMR analysis of transitions in $Fe_xNb_{1-x}V_{2-2x}O_4$ 8-52367
- Zolotukhin, O.G.** see Gorelik, V.S. 8-71152
- Zolotukhin, S.P.** Permittivity of quasi-one-dimensional tetracyanoquinodimethane salts in the frequency range 25-60 GHz at 4.2K 8-88248
- Zolotukhin, V.G.** see Leshchenko, I.G. 8-72963
- Zolotukhina, A.F.** Experimental study of the thermal diffusion constant of $Kr-N_2O$ and NH_3-CO_2 mixtures 8-67300
- Zoltan, Cs.** see Racz, B. 8-82959
- Zoltowski, T.** Dynamic approach to the continuous criticality control of spent nuclear fuel reprocessing facilities 8-50291
- Zoltowski, T.** see Parus, I. 8-74460
- Zoltowski, T.** see Parus, J.L. 8-92575
- Zolyan, T.S.** Control of electric properties of a liquid semiconductor 8-72142
- Zon, B.A., Mitin, Yu.N.** Perturbation of paramagnetic ion spectra by high-intensity electromagnetic radiation at a nonresonant frequency 8-71137
- Zon, B.A., Urazbaev, T.T.** Magnetic rotation of a polarisation ellipse of high-power radiation in a resonance medium 8-70794
- Zon, B.A.** see Delone, N.B. 8-86798
- Zong-ye Shang** see Shang Zong-ye
- Zong-Ye Zhang** see Zhang Zong-Ye
- Zonnenberg, Yu.D.** see Delyagin, N.N. 8-80265, 8-82560, 8-92008
- Zonov, I.V.** see Mel'kanovich, A.F. 8-71258
- Zonsveld, J.J.** see Hannant, D.J. 8-72759
- Zook, A.C.** A preliminary determination of the relative abundances of the isotopes of zirconium in R Cygni and V Cancri 8-53957
- Zook, J.D., Liu, S.T.** Pyroelectric effects in thin film 8-88258
- Zope, J.K.** see Ekbote, P.D. 8-64040, 8-64382
- Zoppi, M.** see Barocchi, F. 8-55135
- Zoran, M.** Comparative discussion on some measurements of the atmospheric natural radioactivity and pollution with coal smoke particles 8-53723
- Zoran, V.** see Berinde, A. 8-78351, 8-82830
- Zorc, H.** see Persin, M. 8-79136
- Zordan, C.** see Bampi, F. 8-62125
- Zorev, N.N.** State of the art and prospects for the development of technology of atomic power plants powered by the water-moderated-water-cooled reactor VVER-1000 8-82501
- Zorev, N.N., Novozhilov, N.M., Astaf'ev, A.A., Markov, S.I., Surkov, A.V.** Accelerated method for developing and investigating materials to be used in mechanical engineering 8-53046
- Zorev, N.N., Safarov, Yu.S., Tutynin, V.K., Sakhelashvili, V.N., Narskaya, N.L.** Model studies of the stressed state in pressure vessels 8-78454
- Zorev, N.N., Sklizkov, G.V., Tsvetkov, M.Yu., Shikanov, A.S.** An yttrium aluminium garnet master oscillator and formation of the spectral composition of high-power laser radiation 8-71115
- Zorev, N.N.** see Erokhin, A.A. 8-71535
- Zoric, I.** see Croft, M. 8-88157
- Zoric, T.** see Paulin, A. 8-50421
- Zoriew, N.N.** Development of new materials, technologies and equipment for production of nuclear power station components 8-74436
- Zorii, V.I.** see Bui Van Shang 8-65926
- Zorin, A.B., Likharev, K.K.** On the Josephson effect in weak links 8-88080
- Zorin, E.I.** see Karmanov, V.T. 8-55988, 8-95192
- Zorin, E.I.** see Murel', A.V. 8-64140
- Zorin, V.A.** see Karpinos, D.M. 8-68652
- Zorin, Z.M.** see Shishin, V.A. 8-51794, 8-51804
- Zorkii, P.M.** see Zefirov, Yu.V. 8-63695
- Zorn, G.T.** see Aschman, D.G. 8-78201
- Zorn, G.T.** see Esposito, B. 8-66132
- Zorn, J.K.F.** see Bayer, A.L. 8-85434
- Zornig, J.G.** Bistatic surface scattering strength measured at short wavelengths 8-55499
- Zorski, H.** Continuum model with three point interactions 8-49749
- Zorski, H.** Continuum model of a particle system with three-point interactions 8-73852
- Zory, P.** see Botez, D. 8-53558
- Zory, P.S.** see Cuomo, J.J. 8-64472
- Zossel, R.** see Nawrocka, W. 8-80222
- Zoteev, V.S.** see Novikov, Yu.A. 8-52987
- Zot'ev, B.P., Skubnevskii, E.V.** Transverse magnetoresistance of inhomogeneous semiconductor films 8-72293
- Zotov, E.M.** Flow noise of air moving past an isolated projection 8-50978
- Zotov, E.N.** see Vlasov, V.V. 8-79196
- Zotov, V.M.** see Zaleskii, V.N. 8-95894
- Zotova, N.V., Yassievich, I.N.** Auger recombination in p-type $InAs$ and $Ga_{1-x}In_xAs$ solid solutions 8-56518
- Zotter, B.** Single-beam collective phenomena: transverse. I. Coasting beams 8-78885
- Zotter, B.** see Appel, E. 8-58513
- Zotter, B.W.** see Blechschmidt, D. 8-58510
- Zotti, G.** see De Zotti, G.
- Zouaghi, M.** see Charfi, F. 8-75785
- Zounova, F.** see Nekvasil, V. 8-68132
- Zoutendyk, J.A.** Theoretical analysis of heat flow in horizontal ribbon growth from a melt 8-75604
- Zovko, N.** The kaon radius 8-50033
- Zoz, E.I.** see Sukharevskii, B.Ya. 8-83806
- Zozulin, A.J.** see Durig, J.R. 8-50544
- Zozulya, L.P.** see Bazakutsa, V.A. 8-51834
- Zozulya, N.V., Karkhu, V.A., Borovkov, V.P.** An analytic and experimental study of heat transfer in condensation of vapor on finned surfaces 8-75038
- Zralek, M.** see Gavillet, Ph. 8-89736
- Zrazhevskii, V.A.** see Nesterenko, B.A. 8-72037
- Zrelov, V.P.** On possible improvement of a photo-graphic detector to search for the Dirac monopole by Vavilov-Cherenkov radiation 8-70700
- Zrelov, V.P., Ruzicka, J.** Some peculiarities of the optical transition radiation from high-energy particles at inclined incidence. III 8-58893
- Zrodnikov, V.S.** see Batenin, V.M. 8-67483
- Zrodnikova, N.M.** see Batenin, V.M. 8-71466
- Zsako, J.** Shape and position of the analytical response in flameless atomic absorption spectrometry 8-92545
- Zschaecck, H.** see Bohm, J. 8-64343
- Zschokke-Granacher, I.** see Funnfischling, J. 8-52540
- Zsembery, J.** see Lockman, W. 8-82254
- Zsoldos, J.** see Gado, J. 8-89946
- zu Putlitz, G.** see Kowalski, J. 8-82706
- Zu Putlitz, G.** see Reist, H.-W. 8-70672
- Zu-Wen Chang** see Chang Zu-Wen
- Zub, R.W.** see Goss, W.P. 8-94812
- Zubakov, A.V., Puzin, I.B.** Electronic circuit for wavelength scale markers in automatic recording of luminescence spectra by the SPM-2 monochromator 8-58050
- Zubalov, A.A.** see Derebchinskii, A.I. 8-78192
- Zubarev, A.L.** Schwinger variational principle 8-89361
- Zubarev, A.L.** Reformulation of the strong coupling method on the basis of the Schwinger variational principle 8-89836
- Zubarev, I.G.** see Basov, N.G. 8-90458
- Zubarev, I.G.** see Efimovskii, S.V. 8-50859
- Zubarev, I.G.** see Patsyrev, Yu.M. 8-69178
- Zubarev, I.L.** see Gudzenko, V.I. 8-87153
- Zubarev, P.V., Dement'ev, L.N.** Creep of carbides of transition metals of groups IV-V in the region of homogeneity 8-52911
- Zubarev, V.N., Kuznetsov, V.M.** Consistent approximation for the thermodynamic and transport properties of gases 8-91045
- Zubarev, V.V.** see Berezhnoi, V.M. 8-83497
- Zubchenko, A.S., Eliseeva, G.D.** Connection between heating during welding and the properties of mild chromium ferritic steels 8-95788
- Zubeck, R.B.** see Dayem, A.H. 8-80473
- Zubek, M.** see Szmytkowski, C. 8-66669, 8-74774
- Zubenko, V.V.** see Burova, E.M. 8-79501
- Zubenko, V.V.** see Sovetnikova, V.G. 8-67838
- Zubenko, Yu.V.** see Gavlina, G.S. 8-51822
- Zuber, J.B.** see Balian, R. 8-54593
- Zuber, N.** see Saha, P. 8-51240
- Zu'bi, S.M.** see Lis, G.A. 8-73214
- Zubillaga, J.C.** see Fuentes, M. 8-76642
- Zubkov, B.V., Kalinin, A.P., Leonas, V.B.** Automated instrument for studying differential scattering of fast beams 8-86381
- Zubkov, I.P.** Structure of the ion beam from a four-lens accelerator 8-66441
- Zubkov, V.A.** Quantum-chemical and classical calculations of intermolecular interaction in the H_2CO-H_2CO system 8-86932
- Zubkov, V.I.** see Bespyatykh, Yu.I. 8-76235, 8-87989, 8-88158
- Zubkov, V.I.** see Vashkovskii, A.B. 8-72242
- Zubkova, S.M., Tolpygo, K.B.** Energy levels of a direct exciton formed by a split-off valence band in crystals with diamond and sphalerite structures 8-91624
- Zubov, V.A., Kraiskii, A.V.** Heterodyne reception of information on the distribution of a light field 8-87024
- Zubov, V.A., Sushchinskii, M.M., Kraiskii, A.V.** Photoelectric recording of optical fields by correlation processing 8-71048
- Zubov, V.A.** see Zaitsev, V.G. 8-82925
- Zubov, V.G., Kryshev, A.O.** Pyrometer for colour temperature measurement in the wide range 8-74004
- Zubov, V.G., Mychuda, Z.R.** Frequency converter 8-77872
- Zubov, V.G., Mychuda, Z.R.** An integrated circuit resistance-to-frequency converter 8-81963
- Zubov, V.I.** Higher anharmonicities in the improved unsymmetrized self-consistent field approximation for a crystal. I. General consideration 8-63830
- Zubov, V.I.** Higher anharmonicities in the improved unsymmetrized self-consistent field approximation for a crystal. II. Comparison of calculations with experiment 8-75791
- Zubov, Yu.A.** see Mostovoi, R.M. 8-76061
- Zubovich, G.K.** see Valyavko, V.V. 8-92056
- Zubov, N.G.** see Gnatovskii, A.V. 8-50940
- Zubtsov, A.V., Ponomarev, V.I.** The nonlinear theory of hydrodynamic stability 8-63416
- Zuccalli, G.** see Paorici, C. 8-68610
- Zucchelli, G.P.** see Iadonisi, G. 8-80033
- Zucchelli, G.P.** see Ramaglia, V.M. 8-74165
- Zucchiatti, A.** see Corvisiero, P. 8-70724
- Zucker, R., Nolte, J.** Light-induced calcium release in a photosensitive vertebrate smooth muscle 8-64994

- Zucker, S.W.** Algorithms for image segmentation 8-58938
- Zuckerman, D.M.** *see* Blumberg, W.E. 8-53554
- Zuckermann, M.J.** *see* Bhattacharjee, A.K. 8-84406
- Zuckermann, M.J.** *see* Ferrer, R. 8-72136, 8-80142
- Zuckermann, M.J.** *see* Kiwi, M. 8-76185
- Zulich, J.A.,** Taboada, J. Ocular hazard from UV laser exhibiting self-mode-locking 8-69136
- Zuda, A.** *see* Glanz, G. 8-59946
- Zudin, Yu.A.** *see* Asratyan, A.E. 8-62389
- Zuercher, J.C.,** Melcher, J.R. Double-layer transduction at a mercury-electrolyte interface with imposed temporal and spatial periodicity 8-88639
- Zuev, A.P.,** Tkachenko, B.K. Determination of the relaxation time of the level ($\nu=1$) N_2 in the presence of water vapour 8-74741
- Zuev, B.K.,** Kulakov, Yu.A., Kunin, L.L., Mikhailova, G.V., Ryaboi, A.Ya. Laser mass-spectrometer method of examining hydrogen distribution in chromium-plated steel 8-61113
- Zuev, I.G.** *see* Shvartsbart, Ya.S. 8-80583
- Zuev, M.T.** *see* Vozilkin, V.A. 8-76644
- Zuev, V.A.** *see* Gavrilenko, V.I. 8-60453
- Zuev, V.S.** *see* Baboshin, V.N. 8-50769
- Zuev, V.S.** *see* Basov, N.G. 8-71097
- Zuev, V.S.** *see* Mikheev, L.D. 8-79008
- Zuev, Y.F.** *see* Feldman, Y.D. 8-95539
- Zugenmaier, P.** *see* Blumh, T.L. 8-75654
- Zuhrt, Ch.** *see* Zulicke, L. 8-64833
- Zui Hien Pham** *see* Pham Zui Hien
- Zuidberg, B.F.J.,** Dymanus, A. Submillimeter heterodyne detection with a laser local oscillator 8-70183
- Zuikov, A.V.** *see* Eliseeva, V.I. 8-53015
- Zukakishvili, G.G.,** Kvartskhava, I.F., Zukakishvili, L.M. Plasma behaviour close to the null region of a magnetic field from parallel currents 8-91137
- Zukakishvili, L.M.** *see* Zukakishvili, G.G. 8-91137
- Zukauskas, A.** *see* Ambrazevicius, A. 8-94722
- Zukeran, A.** *see* Asaoka, T. 8-78440
- Zukhuritdinov, M.A.,** Vakhobov, A.V., Dzhu-raev, T.D. Constitution diagrams of the systems Ba-Eu and Ba-Yb 8-80514
- Zukhuritdinov, M.A.** *see* Eshonov, K.K. 8-52761
- Zukov, A.V.** *see* Ushakov, P.A. 8-94080
- Zukowski, E.** *see* Brzosko, J.S. 8-67562
- Zukowski, E.** *see* Brzosko, J.S. 8-67561
- Zukowski, W.** *see* Brzosko, J.S. 8-67561
- Zukowski, J.** *see* Korecki, J. 8-95482
- Zuliani, M.J.,** Ristic, V.M. Field theory for interdigital transducers 8-66998
- Zulicke, L.,** Havemann, U., Schneider, F., Zuhrt, Ch., Pacak, V., Herman, Z. Reactive and dissociative scattering in the He+He $_2^+$ system crossed-beam and trajectory studies 8-64833
- Zul'karnaeva, E.Yu.** *see* Borovitskaya, N.M. 8-61557
- Zum Gahr, K.H.** *see* Nocker, H. 8-85000
- Zum Gahr, K.-H.** Fracture mechanical aspects of abrasive fraction, wear, and chip formation of a γ -Fe-Ni-Al steel 8-72865
- Zum Gahr, K.-H.** The influence of thermal treatments on abrasive wear resistance of tool steels 8-92369
- Zum Gahr, K.-H.** *see* Verpoort, C. 8-52834
- Zumbro, J.D.** *see* Mateja, J.F. 8-78266
- Zumbro, J.D.** *see* Montestrucq, L.A. 8-89885
- Zumdieck, J.F.** *see* DeHart, T.E. 8-66405
- Zumer, S.,** Vilfan, M. Translational diffusion in smectic liquid crystals and its effect on the nuclear spin relaxation 8-63669
- Zumerle, G.** *see* Heller, M. 8-70689
- Zumino, B.** Unified theories of weak and electromagnetic interactions 8-81908
- Zumofen, G.** Calculation of the vibron band and of the vibron-phonon combination bands in the IR and Raman spectra of solid α -CO 8-68495
- Zun-fu Jiang** *see* Jiang Zun-fu
- Zuna, P.** *see* Benes, V. 8-64628
- Zund, H.** *see* Stoll, P. 8-74455
- Zund, J.D.** *see* Harris, R.A. 8-93566
- Zundel, G.** The charge relay system in chymotrypsin-IR studies of models for the hydrogen bonds 8-64935
- Zundel, G.** *see* Janoschek, R. 8-94231
- Zundel, G.** *see* Leuchs, M. 8-94243
- Zunger, A.** Self-consistent LCAO calculation of the electronic properties of graphite. I. The regular graphite lattice 8-51887
- Zunger, A.** First-principles theoretical study on the electronic properties of the B32 intermetallic compound LiAl 8-56062
- Zunger, A.,** Cohen, M.L. Density-functional pseudopotential approach to crystal phase stability and electronic structure 8-72058
- Zunger, A.,** Engelman, R. Self-consistent LCAO calculation of the electronic properties of graphite. II. Point vacancy in the two-dimensional crystal 8-51932
- Zunger, A.,** Freeman, A.J. Ab initio self-consistent study of the electronic structure and properties of cubic boron nitride 8-51891
- Zunger, A.,** Freeman, A.J. Structurally induced semimetal-to-semiconductor transition in IT-TiSe $_2$ 8-51896
- Zunger, A.,** Freeman, A.J. Band structure and lattice instability of TiSe $_2$ 8-56070
- Zunger, A.,** Freeman, A.J. Local-density self-consistent energy-band structure of cubic CdS 8-87910
- Zunger, A.,** Ratner, M.A. On the first principles Hartree-Fock and local density pseudopotentials 8-62702
- Zuo-Chun Hu** *see* Hu Zuo-Chun
- Zuo-Ting Shi** *see* Shi Zuo-Ting
- Zupancic, C.** *see* Alder, J.C. 8-62576
- Zupancic, C.** *see* Slater, W.E. 8-86729
- Zupancic, I.** *see* Blinc, R. 8-76414
- Zupko, H.M.** *see* Wang, T.T. 8-95802
- Zuppiroli, L.,** Ardouneau, J., Weger, M., Bechgaard, K., Weyl, C. The effects of irradiation of HMTSF-TCNQ at 21K 8-60113
- Zuppiroli, L.,** Friend, R.H. The effect of irradiation of polymeric sulphur nitride with neutrons and heavy ions 8-56136
- Zupranski, P.** *see* Dreves, W. 8-89904
- Zurbach, E.P.** *see* DiCarlo, E.N. 8-94235
- Zurbrich, J.R.** Techniques for nondestructively characterizing metallic substrate surfaces prior to adhesive bonding 8-53166
- Zurcher, Ch.** *see* Schlegel, A. 8-56450
- Zurcher, P.** *see* Alvarado, S.F. 8-95675
- Zurek, R.W.** Solar heating of the Martian dusty atmosphere 8-85878
- Zurek, W.** *see* Kessler, F.R. 8-92052
- Zurek, W.H.,** Schieve, W.C. Molecular dynamics evidence for vapor-liquid nucleation 8-75803
- Zurek, Z.** *see* Werber, T. 8-64781
- Zurmuhle, R.W.** *see* Alburger, D.E. 8-66210
- Zurmuhle, R.W.** *see* Balamuth, D.P. 8-50132
- Zurmuhle, R.W.** *see* Wender, S.A. 8-70445
- Zushi, H.** *see* Fukao, M. 8-87504
- Zusman, L.D.** Kinetics of saturation of a two-level system broadened inhomogeneously as a result of the Doppler effect 8-86921
- Zutavern, F.J.** *see* Freedman, S.J. 8-78304
- Zuvers, H.E.** *see* Ashcroft, D.L. 8-70638
- Zuykov, A.S.** *see* Strykovich, M.A. 8-94544
- Zuzovsky, M.,** Brenner, H. Effective conductivities of composite materials composed of cubic arrangements of spherical particles embedded in an isotropic matrix 8-55547
- Zvengrowski, P.** *see* Williams, J.G. 8-81861
- Zverev, A.I.** *see* Klimenko, V.S. 8-94852
- Zverev, A.M.** *see* Pikus, I.F. 8-56875
- Zverev, G.M.,** Kolyadin, S.A., Levchuk, E.A., Skvortsov, L.A. Influence of the surface layer on the optical strength of lithium niobate 8-50843
- Zverev, M.S.** On the possibilities of using relative determinations of the coordinates of celestial bodies to improve the system of a fundamental star catalogue 8-53797
- Zverev, S.M.,** Boldyrev, S.A., Bourmin, V.Yu., Mironova, V.I. Weak earthquakes in the northern part of the rift zone of Iceland 8-85496
- Zverev, V.N.** Oscillation with respect to magnetic field of the photoconductivity of Ge in monochromatic dopant light 8-80026
- Zvereva, S.G.,** Shermegor, T.D. Dielectric relaxation in an inhomogeneous dielectric 8-68450
- Zverina, O.** *see* Fiala, J. 8-63926
- Zverkova, T.I.** *see* Titov, V.V. 8-91243
- Zvezdin, A.K.,** Kotov, V.A. Electromagnetic wave propagation in multilayer gyrotropic structures 8-90529
- Zvezdin, A.K.,** Kulagin, N.E., Rebko, V.G. Nonlinear oscillations of domain boundaries in magnetic films and plates 8-56358
- Zvezdinskaya, L.V.,** Smirnova, N.L., Belov, N.V. System of polymorphic transitions for ternary compounds AB $_2$ X $_4$ 8-95010
- Zvi Ben-Avraham** The structure and tectonic setting of the Levant continental margin, Eastern Mediterranean 8-69310
- Zvi Ben-Avraham** *see* Nur, A. 8-69319
- Zvigintseva, G.E.** *see* Khomenko, O.A. 8-64248
- Zvijac, D.J.,** Ross, J. Franck-Condon factors in studies of dynamics of chemical reactions. IV. Nonadiabatic collisions 8-66640
- Zvinchuk, R.A.** *see* Shaioich, Ya.L. 8-84823
- Zvirgzde, Yu.V.** *see* Fritsberg, V.Ya. 8-60407
- Zvirin, Y.,** Toren, M. Simultaneous melting and evaporation due to an area heat source 8-59282
- Zvolinskii, O.I.** *see* Savitskii, E.M. 8-56617, 8-56618
- Zvonkov, B.N.** *see* Podolskii, V.V. 8-52015
- Zvonkov, S.D.,** Stark, Yu.S., Chavchanidze, A.Sh., Sedykh, V.D. Electronic structure and hyperfine interactions in α -Fe-based dilute solid solutions 8-79968
- Zvonkova, Z.V.** *see* Isakov, I.V. 8-71717
- Zvorykin, V.D.** *see* Basov, N.G. 8-50799, 8-59064
- Zvyagin, A.I.** *see* Skorobogatova, I.V. 8-87787
- Zvyagin, B.B.** *see* Sidorenko, O.V. 8-67696, 8-67697
- Zvyagin, I.P.** Hopping conduction in the presence of an electromagnetic wave 8-76107
- Zvyagin, I.P.** Controlling the jump-over conductivity of compensated semiconductors with the aid of an electrical field 8-80080
- Zwaan, C.** Magnetic structures in photosphere of Sun and stars 8-81603
- Zwally, H.J.** *see* Brooks, R.L. 8-81233
- Zwally, H.J.** *see* Campbell, W.J. 8-81173
- Zwally, H.J.** *see* Gloersen, P. 8-81174
- Zwan, G.** van der *see* van der Zwan, G.
- Zwan, L.** Van Der *see* Van Der Zwan, L.
- Zwanzig, R.** Rotational friction coefficients of a bumpy cylinder with slipping and sticking boundary conditions 8-63410
- Zweck, H.** von *see* von Zweck, H.
- Zweibel, E.** The equilibrium of cool stellar disks 8-54037
- Zweibel, E.** Radial modes of oscillation of cool stellar disks 8-57628
- Zweig, G.,** Barsanti, C.G. A diazotype radiographic duplicating system with application as a diagnostic aid 8-69249
- Zweigenbaum, S.,** Gazit, Y., Paiss, Y. Ballistic and torsion pendulums for momentum measurements of laser-produced plasma 8-83611
- Zwemer, D.A.,** Harris, C.B. Energy transfer in one-dimensional substitutionally disordered systems. I. The effects of coherence, tunneling, and thermal promotion 8-56078
- Zwemer, D.A.,** Harris, C.B., Brenner, H.C. Spin dephasing in impurity induced states in molecular solids 8-84498
- Zwick, M.** *see* Bauer, H.J. 8-71860
- Zwick, M.** *see* Ohtsuki, M. 8-76989
- Zwicker, R.D.** Pressure shifts of F-center hyperfine interaction parameters in alkali chlorides 8-79957
- Zwickl, R.D.,** Webber, W.R. The interplanetary scattering mean free path from 1 to 3×10^3 MV 8-57421
- Zwickl, R.D.** *see* Palmer, I.D. 8-89017
- Zwieglinski, B.,** Crawley, G.M., Nann, H., Nolen, J.A., Jr. Inelastic scattering of 40 MeV protons from ^{24}Mg . I. Natural parity transitions 8-66277
- Zwieglinski, B.** *see* Crawley, G.M. 8-50158
- Zwieglinski, B.** *see* Gales, S. 8-82362
- Zwieten, G.** van *see* van Zwieten, G.
- Zwilling, G.,** Gschneidner, K.A., Jr. Fused salt electrorefining of gadolinium. An evaluation of three electrolytes 8-92215
- Zwilling, M.,** Schmidt, P.C., Alarich Weiss. Experimental and theoretical studies of optical properties on alloys of the intermetallic systems $\text{Li}_2\text{Ag}_{2-x}\text{In}_x$ and $\text{Li}_2\text{Cd}_{2-x}\text{In}_x$ 8-72539
- Zwingel, D.** Motional effects in the EPR-spectrum of Cu-H-centers in ZnO 8-80207
- Zwingel, D.** EPR-spectra of Ga-doped rutile (TiO_2) 8-80214
- Zwingelstein, G.** *see* Bonnefoi, P. 8-54865
- Zwislocki, J.J.** *see* Schmiedt, R.A. 8-88718
- Zwolinski, B.J.** *see* Chao, J. 8-51275
- Zwolinski, B.J.** *see* Kudchadker, S.A. 8-75250
- Zwolinski, B.J.** *see* Somayajulu, G.R. 8-78726
- Zyabkin, V.I.** *see* Zatsenpin, N.N. 8-53133
- Zyabrev, N.B.** *see* Arsenin, V.Ya. 8-87387
- Zyat'kova, L.P.,** Khokhlova, E.V., Vladimirova, L.A., Kharlamova, N.P. Experimental design to study properties of silicate melts (exchange of experience) 8-85112
- Zyball, A.** Thermoluminescence spectrum of polymers 8-76538
- Zybalov, A.A.,** Derebchinskii, A.I., Kononov, O.G., Bratashevskii, A.S., Nazyrov, V.R., Tenishev, A.E., Tonapetyan, S.G. Angular dependence of polarization of secondary protons from the reaction $\gamma p \rightarrow \pi^0 p$ at photon energies of 650 and 700 MeV 8-78191
- Zybert, L.** *see* Al-Naser, A.M. 8-93960
- Zybert, R.** *see* Al-Naser, A.M. 8-93960
- Zybin, Yu.N.** *see* Bagdasaryan, Yu.V. 8-53732
- Zych, L.J.,** Lukasik, J., Young, J.F., Harris, S.E. Laser-induced two-photon blackbody radiation in the vacuum ultraviolet 8-58102
- Zych, Z.** *see* Biernat, A. 8-88272
- Zychal, A.** *see* Rys, J. 8-92280
- Zyczkowski, M.** *see* Liszka, T. 8-79203
- Zydzik, G.** *see* O'Bryan, H.M., Jr. 8-75854
- Zygmunt, A.** *see* Murasik, A. 8-52223
- Zygmunt, A.** *see* Ptasiiewicz-Bak, H. 8-72329
- Zykin, L.M.** *see* Gromov, Yu.V. 8-70603
- Zykov, B.M.,** Ikonnikov, D.S., Tskhakaya, V.K. Oxidation of the (110) face of a molybdenum single crystal 8-92402
- Zykov, P.G.** *see* Raspopin, A.S. 8-67303
- Zykov, V.S.,** Petrov, A.A. Role of the inhomogeneity of an excitable medium in the mechanisms of self-sustained activity 8-64968
- Zykova, N.M.,** Kurakina, T.S., Nedospasov, A.V. Dynamics of near-anode contraction in plasma of combustion products 8-75267
- Zykova, N.M.** *see* Gusev, V.M. 8-95083

- Zykova, N.M.** *see* Guseva, M.I. 8-95087
Zykova, N.M. *see* Virnik, A.M. 8-94946
Zyl, B.B. van *see* van Zyl, B.B.
Zyl, B. Van *see* Van Zyl, B.
Zylberajch, S. *see* Bozzoli, W. 8-93995
Zylberstejn, A. *see* Clark, A.G. 8-89751, 8-89759
Zylbersztejn, A. Trap depth and electron capture cross section determination by trap refilling experiments in Schottky diodes 8-80052
Zylbersztejn, A., Wallis, R.H., Besson, J.M. Pressure dependence of the deep level associated with oxygen in n-GaAs 8-64000
Zylbersztejn, A. *see* Gunning, W.J. 8-60378
Zylbersztejn, A. *see* Teng, M.K. 8-80358
Zylicz, J. *see* Kurcewicz, W. 8-86504
Zymaleva, O.G. *see* Shpakov, A.A. 8-77013
Zymanski, S. *see* Bardet, R. 8-70634
Zysin, V.A., Kitanin, E.L., Latypov, F.R. Critical discharge of a spontaneously evaporating liquid from cylindrical channels 8-59456
Zyskind, J.L., Davidson, J.M., Esat, M.T., Shapiro, M.H., Spear, R.H. A cusp in the $^{54}\text{Cr}(p,\gamma)^{55}\text{Mn}$ reaction 8-66273
Zyszkowski, W. Thermal explosion hazards in (fast) nuclear reactors 8-82464
Zytchenko, L.N. *see* Shapiro, A.L. 8-75466
Zytchow, A.N. *see* Paczynski, B. 8-57550
Zyubin, A.S. *see* Klimenko, N.M. 8-82622
Zyubina, T.S., Zakzhevskii, V.G., Charkin, O.P. Service program for IBMOL-5 8-86765
Zyuganov, A.N., Svechnikov, S.V., Shul'ga, E.P. Sudden change in the current exhibited by semiconductor structures with grain boundary barriers 8-56246
Zyunder, A. *see* Andreev, N.E. 8-83565
Zyunder, D., Tskhakaya, D.D. Parametric instability of longitudinal oscillations of magnetoactive plasma in a transverse-longitudinal field, generated by a high-frequency wave 8-59566
Zywietz, C. On the information content of ECG lead systems 8-69226
Zywietz, C., Klusmeier, S., Bernsau, U. A new VCG-analysis program for children with multivariate diagnostic classification 8-81045

BIBLIOGRAPHY INDEX

¹⁰⁵Ru gamma spectroscopic study, (69 refs.) 82312
¹¹³Cd NMR as a probe of the active sites of metalloenzymes, (52 refs.) 68999
¹²C(¹⁶O,¹⁶O*)¹²C, intermediate structure resonances, (52 refs.) 82330
¹⁵⁸Gd level structure, collective states, (82 refs.) 89819
¹⁸⁶Os studied in the decay of 15.8-h ¹⁸⁶Ir and by the ¹⁸⁶W(α ,n)¹⁸⁶Os reaction, (63 refs.) 86481
1/f noise—theoretical problems, (74 refs.) 91737
²⁰⁸Pb(¹⁶O,¹⁶O) and ²⁰⁸Pb(¹⁶O,¹⁵N) energy-dependent interactions, (64 refs.) 82378
A=18–20 nuclei, energy levels, structure, (5 refs.) 62478
 α , β and γ -transitions accompanied by changes in nuclear shape, (58 refs.) 89820
A generalised approach to the fluid dynamics of particulate systems, (58 refs.) 83466
Ab initio calculation of the vibrational energy transfer rate of H₂ in Ar using Monte Carlo classical trajectories and the forced quantum oscillator model, (61 refs.) 82821
ABCl₃ compounds, basic structural types and polymorphisms, (149 refs.) 79583
Acetylene photoelectron spectroscopy, (53 refs.) 50578
Active galactic nuclei, (54 refs.) 89261
Active galactic nuclei emission, (50 refs.) 57650
Active laser media—search methodology application, (51 refs.) 63160
Active optics, (78 refs.) 71187
Adiabatic perturbation theory in molecular spectroscopy, (96 refs.) 62687
Adrenal imaging agents: rationale, synthesis, formulation and metabolism, (67 refs.) 85370
Adrenal scintigraphy, (52 refs.) 85371
Adsorbate induced electronic states (Inst. of Phys., Univ. of Aarhus, Aarhus, Denmark), (128 refs.) 95326
Adsorption of CO on W (001) by high resolution electron spectroscopy, (55 refs.) 71999
Adsorption systems at temperatures below the freezing point of the adsorptive, (73 refs.) 75925
Advances in microwave measurement science, (73 refs.) 57984
Aegean Sea region active tectonics, (83 refs.) 96181
Aerosol S compounds chemical analysis techniques, (83 refs.) 95976
Africa late Tertiary uplift, (94 refs.) 77207
African plutonic rocks, (52 refs.) 65305
Al–Mn alloys solidified by rapid cooling, (64 refs.) 88459
Algebraic quantum theory, dilations of irreversible evolutions, (145 refs.) 65794
Alkali halide pelleting technique for solid sampling in infrared spectroscopy, (89 refs.) 87171
Alkaline earth halides, solutions, activity and osmotic coefficients, (81 refs.) 53242
Aluminium silicates, review of properties, (51 refs.) 60659
Am stars in spectroscopic binary systems, (71 refs.) 93262
Amorphous alloys magnetic properties, (45 refs.) 52300
Amorphous magnetic order, (78 refs.) 68173
Amorphous magnetism, (50 refs.) 52259
Analytical chemistry, kinetic aspects, (152 refs.) 85216
Analytical surface tools for wear study, (77 refs.) 64718
Andesitic volcanism and crustal evolution, (54 refs.) 85524
Angle-resolved photoemission from adsorbates, (59 refs.) 95669
Anisotropic exchange effects in optical spectra, (95 refs.) 80141
Annual review of nuclear science, vol.27, 1977 82263
Anodic oxidation of III–V compound semiconductors and properties of oxide films, (90 refs.) 92385
Appalachian tectonics, (100 refs.) 61383
Appearance potential spectroscopy, recent developments, (50 refs.) 78052
Applications of holography, (224 refs.) 74866
Applications of the polarography with accumulation analytical method, (197 refs.) 61098
Approaches to nuclear friction, (196 refs.) 78336
Aquifer chemistry of Icelandic geothermal systems, (52 refs.) 96245
Archaeological involvements of physics, (263 refs.) 58104
Archean basin–craton complexes and the growth of Precambrian shields, (73 refs.) 61412
Argon ion (laser) system, collisional radiative model and observations, (55 refs.) 55338
Aryabhata, 5th century Indian astronomer and mathematician, (79 refs.) 65741
Asteroid belt structure, (76 refs.) 69737
Asteroid parent planet, (73 refs.) 69732
Asteroid photometry, (53 refs.) 69725
Asteroid surface materials, (144 refs.) 69736
Asthenosphere flow and plate motions, (80 refs.) 96180
Astrophysical r-process, (54 refs.) 93204
Atlantic equatorial fracture zones, (74 refs.) 85527
Atmospheric acoustics, (394 refs.) 73493
Atmospheric chemical reactions, (411 refs.) 77312
Atmospheric chemistry, (60 refs.) 81317
Atmospheric laser beam propagation, (68 refs.) 92988
Atmospheric methane, (49 refs.) 73472
Atmospheric water vapour of extraterrestrial origin, (145 refs.) 69416
Atomic absorption, (369 refs.) 53276
Atomic absorption bibliography for January–June 1978, (291 refs.) 95969
Atomic chemisorption on metals, (83 refs.) 84066
Atomic collisions in solids, (58 refs.) 75697
Atomic emission, absorption and fluorescence spectrometry, (725 refs.) 85224
Atomic fluorescence spectrometry, (116 refs.) 69927
Atomic transition probabilities, (2224 refs.) 74598
Atomic transition probabilities for vanadium, chromium and manganese, (242 refs.) 74601
Aural combination tones, (53 refs.) 57014
Automated stopped-flow systems for fast reaction rate analytical methods, (180 refs.) 95971
B-type star UV spectra, (52 refs.) 81621
Ball lightning, (39 refs.) 88900
Balmer discontinuity, (62 refs.) 89238
Baryon symmetric big bang cosmology, (76 refs.) 61945
Baryonium, (73 refs.) 50022
Base flow at supersonic velocities, (129 refs.) 67243
Basement morphology, (53 refs.) 96166
Bi electrons properties, (75 refs.) 84137
Binary star speckle interferometry, (53 refs.) 65656
Biochemical systems stability analysis, (107 refs.) 73135
Biological membrane permeability, (60 refs.) 77029
Biomagnetism, (89 refs.) 88722
Biomedical pH measurements, (89 refs.) 77158
Biomolecules and weak interaction asymmetries, (69 refs.) 69000
Biophysics of photosynthesis, (123 refs.) 92605
Biosphere, radioactive contamination, (129 refs.) 92711
Biosphere–solar activity effects, (51 refs.) 61211
Biotelemetry, (1750 refs.) 80996
Biradical spin probes, (142 refs.) 86895
Birefringence in biological materials, (70 refs.) 56954
Birth of quantum mechanics, (105 refs.) 89291
Black holes, thermodynamics, (44 refs.) 93301
Blast furnace reactions, (60 refs.) 85116
Brittle fracture in iridium, (57 refs.) 64637
Bundle-like nucleation and longitudinal growth of fibrillar polymer crystals from flowing solutions, (100 refs.) 51433
 γ decay and splitting of the first analog state in ⁵⁵Mn, ⁵⁵Co, and ⁵⁹Cu, (54 refs.) 70505
Carbon biomedical devices, (82 refs.) 65150
Carbonaceous chondritic material in the solar system, (63 refs.) 53892
Catastrophe theory and applications, (66 refs.) 69967
Cathode spot model, (67 refs.) 79484
Celestial mechanics—capture problems, (55 refs.) 77477
Cell adhesion models, (71 refs.) 80844
Ceramics fission reactor fuels, (178 refs.) 85392
Chamberlin–Moulton cosmogony, (129 refs.) 86104
Chaotic motion, theories, controlled fusion research applications, (125 refs.) 93605
Characteristics of quasi-two-dimensional excitons and plasmons at various concentrations, (59 refs.) 60063
Charge exchange in the production of ρ^0 , ω , K^{*0} (890) and K^{*0} (890), (68 refs.) 58200
Charmonium and gluons, (191 refs.) 62362
Charmonium and quantum chromodynamics, (79 refs.) 82157
Chemical etching of semiconductors, (206 refs.) 95832
Chemical microscopy, (372 refs.) 85221
Chemisorption of monocarboxylic acids on alumina: A tunneling spectroscopy study, (75 refs.) 91545
Chemisorption on metal films in magnetic fields, (120 refs.) 72003
Chemisorption on metals, review of theoretical models, (93 refs.) 84071
Chevrel phases: superconducting and normal state properties, (117 refs.) 56267
Chromatic adaptation, (214 refs.) 53403
Chromatic border visual perception, (62 refs.) 69091
Chromospheric Ca II lines above sunspot umbrae, (50 refs.) 53901
Circular dichroic 3000 Å band of (+)-D-camphor from RPA calculations, (67 refs.) 94267
Clausius equation of state, (61 refs.) 91412
Climate and energy, (50 refs.) 57299
Climate model, (55 refs.) 81347
Cluster model of lipid phase transitions with application to passive permeation of molecules and structure relaxations in lipid bilayers, (53 refs.) 53346
Cluster structure of light nuclei, (99 refs.) 50107
CNO abundances in main-sequence stars, (61 refs.) 93222
CO/H₂ ratio in dark interstellar clouds, (80 refs.) 96513
CO in Jupiter upper atmosphere, (95 refs.) 93144
Cochlear fluid mechanics mathematical model, (103 refs.) 53440
Coherent state generalisation, (78 refs.) 62114
Cold dry full-glacial climate in American Southwest, (82 refs.) 57296
Collagen effect on US propagation in tissue, (78 refs.) 61212
Collective and single-electron interactions of electron beams with electromagnetic waves, and free-electron lasers, (72 refs.) 55330
Collision processes, scattering theoretic analyses connection with maximal entropy, (64 refs.) 81888
Collisional ionization between fast alkali atoms and selected hexafluoride molecules, (58 refs.) 55226
Collisions between charged particles, (54 refs.) 58843
Colorimetry, (187 refs.) 65955
Colour centres in vitreous silica, (52 refs.) 71732
Colour vision opponent processes, (125 refs.) 53402
Comet comae, (54 refs.) 93154
Comets, (159 refs.) 57507
Comets plasma tail disconnection events, (74 refs.) 93155
Compact radio sources in galaxies and quasars, (54 refs.) 57669
Complex structure fatigue life prediction, (52 refs.) 59348
Composite materials, optical properties, (0 refs.) 56496
Compressional and shear velocities in the lower mantle, (62 refs.) 73316
Compton currents—historical aspects and recollections, (61 refs.) 80018
Computational methods in engineering and science, (306 refs.) 81820
Conductivity of quasi-one-dimensional metal systems, (23 refs.) 60112
Conformal invariant quantum field theory, (74 refs.) 86420
Contact metal effects on minority carrier diffusion in GaAs, (86 refs.) 72260
Continental crust evolution, (86 refs.) 65233
Continental drift mechanisms, (173 refs.) 92813
Continental lithosphere formation, (50 refs.) 65234
Continental tectosphere, (78 refs.) 81133
Contracting interstellar clouds, (83 refs.) 58986
Control valve and regulator noise generation, propagation, and reduction, (42 refs.) 51002
Convection in stars, (52 refs.) 69785
Core level photoemission from adsorption layers, (58 refs.) 95673
Correlation effects in low energy electron scattering and in photoabsorption, (78 refs.) 58842
Corrosion fatigue crack propagation—modelling and load ratio effect, (52 refs.) 90779
Cortical spreading depression model, (60 refs.) 80857
Cosmic rays propagation in Galaxy, (95 refs.) 57409
Cosmological models, (104 refs.) 77636
Cosmology, new trends, (29 refs.) 73789
Coulostatic impulse techniques, (54 refs.) 73048
Coupling methods in single-mode fibre integrated optics systems, (85 refs.) 59162
Crack depth measurement by ultrasonics: a review, (50 refs.) 95903
Crack nucleation around plastic indents in brittle materials, (55 refs.) 92327
Cracking and fracture in fibre reinforced composites, (139 refs.) 60772

- Creep fracture prediction in engineering alloys, (57 refs.) 56776
 Creep in components with cracks, (102 refs.) 63321
 Critical constants of elements and refractory materials, (95 refs.) 59931
 Critical heat fluxes in pressurized water reactors, (54 refs.) 86580
 Critical phenomena in disordered systems, (69 refs.) 52269
 Cryo-ultramicrotomy and myofibrillar fine structure, (113 refs.) 53592
 Crystal defects in silicon integrated circuits—their cause and effect, (38 refs.) 88547
 Crystal equilibrium and lattice vibrational properties of the materials of BCC structures, (95 refs.) 55920
 Crystal growth and assessment of Sn-Pb_{1-x} , Te mixed crystals, (99 refs.) 80463
 Cu- H_2PO_4 system: instability and oscillations, (75 refs.) 64850
 Current algebra formulation of radiative corrections in gauge theories and the universality of the weak interactions, (68 refs.) 93883
 Current state of nuclear matter calculations, (95 refs.) 93959
 Cyclic hardening and saturation behaviour of copper single crystals, (70 refs.) 64555
 Cygnus X-1, (61 refs.) 77618
 Damped heavy-ion collisions, review, (315 refs.) 82388
 Dark interstellar clouds, (89 refs.) 61899
 Data extraction from film using optical and/or digital and/or electronic devices, (44 refs.) 63024
 DC standards, (57 refs.) 54400
 Decay rates of $\text{Ar}(4s^2\text{P}_2)$, $\text{Ar}(4s^2\text{P}_1)$, $\text{Kr}(8s^2\text{P}_2)$, and $\text{Xe}(6s^2\text{P}_2)$ atoms in argon, (54 refs.) 73027
 Decay theory of unstable quantum systems, (66 refs.) 65871
 Deconvolution of spectra by least-squares fitting, (53 refs.) 64897
 Deep inelastic transfer between complex nuclei, (98 refs.) 74400
 Deformation and recrystallization textures in metals and quartz, (63 refs.) 68708
 Dehydration in subducting oceanic crust, (140 refs.) 69301
 Delayed proton radioactivities, (70 refs.) 82322
 Dense fluid, random stacks descriptions, (73 refs.) 79512
 Dense interstellar clouds thermal balance, (72 refs.) 65666
 Densities of liquid halomethanes, (66 refs.) 57503
 Density of solid O_2 in equilibrium with vapour, (67 refs.) 93656
 Dental materials, (178 refs.) 53548
 Deuteron disintegration by protons and neutrons, (174 refs.) 89848
 Deuteron, nuclear properties, (75 refs.) 62488
 Deuteron scattering, (104 refs.) 94017
 Development of mass spectroscopy: an historical account, (129 refs.) 56928
 Devonian metamorphism, (63 refs.) 96204
 Diabatic molecular orbitals for inner-shell excitation, (65 refs.) 62897
 Diagnostic methods for sputtering plasmas, (80 refs.) 71536
 Diagnostic uses of U^{235} , (64 refs.) 69166
 Diamond, electron spin resonance studies, (155 refs.) 95521
 Dielectric constant of sea ice, (49 refs.) 61430
 Dielectric liquids electric breakdown, (122 refs.) 84523
 Dielectric theory of elementary excitations in crystals, (126 refs.) 60076
 Differential blanketing in M67, Hyades and Coma stars, (117 refs.) 57597
 Diffuse auroral zone, (60 refs.) 69610
 Diffuse gamma radiation, (75 refs.) 65725
 Diffusion controlled intergranular creep crack growth theory, (53 refs.) 84950
 Diffusion in the anomalous BCC metals, (78 refs.) 91474
 Diffusion model for an electron probe into solid targets, (52 refs.) 71652
 Dilute magnetic alloys with transition metals as host, (254 refs.) 84417
 Direct-simulation neutrino transport, (62 refs.) 89050
 Directional photoemission from two-dimensional systems, (51 refs.) 95674
 Discharges, solid insulators and gas discharges, (153 refs.) 83631
 Dissociation of cyclobutane, studied with HAM/3, (54 refs.) 92452
 Distances of nearest galaxies, (54 refs.) 89247
 Disturbance fields of unsteady singularities in uniform motion, (60 refs.) 71355
 Double space group O_h^{1-} selection rules, (117 refs.) 51456
 Drainage network composition, (64 refs.) 81226
 Dual topological unitarization: an ordered approach to hadron theory, (87 refs.) 62381
 DWIA analysis of quasifree proton-proton scattering in nuclei at intermediate energies, (57 refs.) 62541
 Dynamical scattering of X-rays in crystals, (267 refs.) 71628
 Dynamical theory of electron diffraction, (112 refs.) 83658
 Dynamically disordered chains, transport properties, (63 refs.) 72137
 Dynamics of induced fission, (64 refs.) 66261
 Dynamics of ion-pair forming collisions, (33 refs.) 66661
 E2, E1 multipole mixing ratios in even-even nuclei, $A=58-150$, data tables, (11 refs.) 50118
 e^+e^- colliding beams, (69 refs.) 58194
 Early Precambrian oxygen, (67 refs.) 81409
 Early-type contact binary stars, (50 refs.) 53981
 Earth attenuation models, (87 refs.) 61367
 Earth crust chemical evolution, (125 refs.) 65222
 Earth mantle composition, (90 refs.) 85507
 Earth mantle creep laws, (64 refs.) 69305
 Earth mantle isotopic equilibrium, (122 refs.) 65216
 Earth mantle melting, (68 refs.) 65238
 Earth-Moon system evolution, (51 refs.) 96122
 Earth surface wave phase velocity and attenuation, (55 refs.) 85491
 Earthquake-source parameters related to magnitude, (75 refs.) 96154
 East Pacific Rise and Galapagos Rise, (55 refs.) 73331
 Edward C. Pickering, the Henry Draper Memorial, and the beginnings of astrophysics in America, (63 refs.) 86102
 Effective-charge theory and the electronic stopping power of solids, (60 refs.) 67759
 Elastic scattering of alpha particles near the Coulomb barrier and matter distribution of medium and heavy nuclei, (52 refs.) 66291
 Elastic waves in rods and clad rods, (105 refs.) 94608
 Electric surface impedance, (58 refs.) 88017
 Electrical breakdown mechanisms in thin insulators, (51 refs.) 76385
 Electrical conductivity in inhomogeneous media, (163 refs.) 56115
 Electro-oculographic response recording and interpretation, (101 refs.) 73156
 Electroanalytical chemistry 1952-1977, (68 refs.) 92567
 Electrochemical analysis, (196 refs.) 85215
 Electrodynamics of rotating relativistic electron beams, (56 refs.) 71019
 Electrohydrodynamic ionization mass spectrometry: Review of instrumentation, mechanisms and applications, (74 refs.) 86378
 Electromagnetic transitions in some doubly odd deformed nuclei, (67 refs.) 62505
 Electron and positron scattering by atoms, (89 refs.) 62918
 Electron capture processes in ion-atom collisions, (250 refs.) 70930
 Electron collisions with highly polar molecules, (77 refs.) 94321
 Electron correlations. I. Ground-state results in the high-density regime, (53 refs.) 72097
 Electron diffraction instrumentation, (48 refs.) 83683
 Electron-electron interaction and electronic properties of space-charge layers on semiconductor surfaces, (95 refs.) 60210
 Electron paramagnetic resonance from actinide elements, (125 refs.) 52337
 Electron scattering by polar molecules, (143 refs.) 94322
 Electron-solid interactions, (141 refs.) 72230
 Electron spectroscopy, mean free paths of solids, data tables, (26 refs.) 84686
 Electron spin polarisation in ferromagnetic transition metals, (271 refs.) 76591
 Electron spin polarisation in ferromagnetic transition metals, (56 refs.) 76592
 Electron spin resonance, (261 refs.) 82753
 Electron spin resonance in solution, (497 refs.) 88165
 Electron states at clean surfaces, (91 refs.) 95325
 Electron tunnelling in solid phase redox reactions. Kinetic parameters and theoretical models, (62 refs.) 76844
 Electron tunnelling spectroscopy, (278 refs.) 90253
 Electronic energy transfer processes involving coordination compounds, (104 refs.) 56907
 Electronic excitations and luminescence in magnesium oxide, (95 refs.) 72575
 Electronic excitations in LiH and LiD single crystals, (110 refs.) 72574
 Electronic specific heat concentration dependence in nearly and weakly ferromagnetic transition metal alloys, (52 refs.) 80158
 Electronic structure of Ni- and Ni_2 -ethylene cluster complexes, (50 refs.) 82641
 Electronic structures and molecular properties, quantum chemical calculations, (115 refs.) 82622
 Electronic transport properties of metals containing self-interstitials and vacancies, (51 refs.) 60105
 Electrons in glass, (48 refs.) 75987
 Electrons in surface states on liquid helium, (83 refs.) 60006
 Electroproduction of low hadronic masses, (56 refs.) 74259
 Element production in the early universe, (143 refs.) 89277
 Elementary particles properties, (1000 refs.) 66179
 Elsonian magmatism in Labrador, (69 refs.) 73365
 EM wave self-action in dense plasma, (53 refs.) 75360
 Energy exchange in a coherently coupled ensemble, (65 refs.) 64298
 Energy levels of vanadium, VI through V XXIII, (131 refs.) 94207
 Energy policy, climate effects, (53 refs.) 61538
 Enhanced diffusion mechanisms, (317 refs.) 67847
 Entropy, general properties, (191 refs.) 73955
 Epitaxial garnet films for magnetic bubble memories, (55 refs.) 88147
 Epitaxial growth from vapour phase, growth mode characterisation, (59 refs.) 87885
 EPR of radicals in doublet states, (75 refs.) 76315
 EPR of solvated alkali metal atoms in frozen HMPA solutions, (58 refs.) 91927
 Equatorial electrojet, (73 refs.) 69607
 Equatorial ionospheric spread-F echoes, (193 refs.) 85764
 ESCA studies of some copper and silver selenides, (52 refs.) 56561
 ESR of silicates, (361 refs.) 88166
 ESR spectroscopy and solvation, (75 refs.) 73038
 Euclite parent body composition, (96 refs.) 69755
 EUV spectrum of interstellar plasma, (92 refs.) 81665
 Evaluating the efficient of imaging processes, (275 refs.) 78932
 Evaluation of the 'cut-and-cover' construction of nuclear power plant below ground level, (129 refs.) 82429
 Evolutionary sequences for red giant stars, (76 refs.) 65611
 Exchange in low energy electron-molecule scattering, (92 refs.) 58824
 Excitation in energetic ion-atom collisions accompanied by electron emission, (112 refs.) 74756
 Excitations in ^3He - ^4He mixtures, (48 refs.) 60000
 Excitons in rare-gas crystals, (134 refs.) 51898
 Exoemission diagnostics and prediction of the fatigue strength of metals, (67 refs.) 76807
 Explosions in galaxies, (107 refs.) 96546
 Explosive nucleosynthesis, equilibrium thermodynamics and relativistic heavy-ion collisions, (50 refs.) 69678
 Exponential law, concepts prior to 1900, (74 refs.) 86052
 Extended defects in transition metals oxides, (66 refs.) 63753
 Extended radioresources and elliptical galaxies, (84 refs.) 81699
 Extensional rheometers for molten polymers, (51 refs.) 71302
 Extensions of beam foil spectroscopy, (50 refs.) 74758
 Extragalactic distance scale, (80 refs.) 93396
 Extragalactic X-ray astronomy, (108 refs.) 73776
 Extraterrestrial causes of Earth's dynamic processes and extinction of life, (55 refs.) 92820
 Eye movements while reading, (54 refs.) 53394
 Fallacies of natural disaster, (58 refs.) 57302
 Far infrared absorption in ultrafine metallic particles: Calculations based on classical and quantum mechanical theories, (56 refs.) 60454
 Fatigue at high temperature, (52 refs.) 56773
 Fatigue crack propagation, generalised theory, (77 refs.) 83338
 Fermions and bosons interacting with arbitrarily strong external fields, (169 refs.) 49987
 Ferroelectric critical phenomena: Larkin-Khmelnitzkii theory, (50 refs.) 64327
 Ferroelectrics, (1265 refs.) 95557
 Ferromagnetic models, (72 refs.) 91840
 Few nucleon problem with realistic nucleon-nucleon interactions, (52 refs.) 62526
 Few nucleon systems, (247 refs.) 50094
 Fine structure of the X-ray spectra of molecules. K-absorption spectra of the CO and N_2 molecules, (56 refs.) 86883
 Finite field method calculations, (76 refs.) 74561
 Finite strain isotherm and velocities for single-crystal and polycrystalline NaCl at high pressures and 300°K, (84 refs.) 53646

Finite temperature and boundary effects in static space-times, (55 refs.)	54526
Fission-evaporation competition in Pu isotopes of mass 235-239, (50 refs.)	66325
Fission product gamma-ray and T _{1/2} data tables, (8 refs.)	50134
Flames, recommended rate coefficients, (181 refs.)	85160
Flare active binary stars, (98 refs.)	61868
Flashlamp pumping of lasers, (96 refs.)	63123
Flow birefringence in transmitted light, (85 refs.)	56453
Flow of dense suspensions, (70 refs.)	67255
Flow through screens, (71 refs.)	59483
Flows of nematic liquid crystals, (65 refs.)	59531
Fluid phase, statistical thermodynamics, recent progress, (194 refs.)	83703
Fluorometric and phosphorometric analysis, (918 refs.)	85220
Flux-rope-fibre theory of solar magnetic fields, (68 refs.)	77525
Forced oceanic waves, (60 refs.)	73401
Fourier transform NMR, (125 refs.)	77953
Fracture, (190 refs.)	79279
Fracture and fatigue of polymers and composites, (138 refs.)	68781
Fracture during creep, (52 refs.)	68778
Fracture toughness and fatigue crack growth data for metallic alloys, (400 refs.)	84963
Frame transformation relations and multipole transitions in symmetric polyatomic molecules, (75 refs.)	58661
Free-free photoabsorption of electron-atom systems, (70 refs.)	62770
Free-free radiative transitions of electron-atom systems, (52 refs.)	90295
Friction model of heavy-ion collisions, (64 refs.)	86546
Fully developed turbulence and statistical mechanics, (304 refs.)	51150
Fusion and fast breeder reactors, a comparison, book	78430
Galactic magnetic field, (60 refs.)	69869
Galactic plane, (77 refs.)	69847
Galactic star formation rates, (68 refs.)	61919
Galaxy colours and magnitudes, (86 refs.)	89246
Galaxy-violent history, (94 refs.)	81692
Galilean formulation of spin. I. Clifford algebra and spin groups, (51 refs.)	57736
Gamma-ray astronomy, (87 refs.)	96394
Gamma-ray response of leucoagglutinin stimulated lymphocytes, (239 refs.)	57041
Gamma rays and neutrons following preequilibrium ¹⁶⁶ Ho(p,xnypv) reactions at E _p =60 MeV, (57 refs.)	89872
Gas dynamics with relaxation effects, (99 refs.)	79390
Gas in globular clusters, (80 refs.)	93338
Gas-phase ion-molecule reactions and high-pressure mass spectrometer. Historical survey, (138 refs.)	64830
Gauge invariant formulation of the interaction of electromagnetic radiation and matter. [Teaching], (58 refs.)	62006
Gauge theories: fibre-bundle techniques, (70 refs.)	58130
Gauge theory of weak and EM interactions, (56 refs.)	70317
General relativity, applications of infinite dimensional differential geometry, (105 refs.)	93582
Generalised mass relationships prior to Garvey-Kelson type relationships, (56 refs.)	58232
Generalized vapor pressure equation for nonpolar substances, (153 refs.)	63861
Geochemical classification, (58 refs.)	96319
Geological data, (56 refs.)	81413
Geological oceanography, (136 refs.)	92845
Geomagnetic diagnosis of magnetosphere	89015
Geomagnetic effects, (73 refs.)	53615
Geomorphology of Zuiderkempen, Belgium, (101 refs.)	61452
Giant planet spectrophotometry, (51 refs.)	85890
Glacial geology of NE Ellesmere Island, (66 refs.)	77233
Glass transition elevation by polymer entanglements, (76 refs.)	83926
Glide and work hardening in BCC metals and alloys, (75 refs.)	84946
Globular cluster dynamical evolution, (165 refs.)	77585
Globular cluster red giants, (62 refs.)	93334
Glow discharge detection of long wavelength electromagnetic radiation, (59 refs.)	58035
Grain boundary diffusion in metals, temperature dependence and activation energy, (79 refs.)	95191
Grain-size effects on microwave ferrite magnetic properties, (65 refs.)	64222
Graphite and Si-based high temperature materials, (124 refs.)	56609
Gyrotropic phase transitions, (72 refs.)	71852
H emission-line spectra in quasars and active galaxies, (83 refs.)	96557
H II regions—chemical composition, (56 refs.)	93359
H II regions in Magellanic Clouds, (104 refs.)	93381
Hadron-nucleus interactions: implications for production models, (65 refs.)	58258
Hadronic constituents—validity of applying Einstein's special relativity and Poul's exclusion principle, (75 refs.)	89655
Hawaii—geomagnetic palaeointensities, (62 refs.)	61324
He fine structure splittings, theoretical calculation, (17 refs.)	82632
Hearing loss and the benefits of aids, (91 refs.)	53424
Heat and mass transfer bibliography—Soviet works, (354 refs.)	75027
Heat and mass transfer in pool flames, (153 refs.)	94677
Heat transfer, (317 refs.)	75141
Heat transfer bibliography, (284 refs.)	63425
Heat transfer, Japanese literature, 1975-1976, (229 refs.)	79314
Heating of coronal plasma, (60 refs.)	53895
Heavy-ion accelerators, review, (83 refs.)	90003
Heavy ion collisions, ²⁰⁹ Bi+ ¹³⁶ Xe reaction at 1130 MeV, (60 refs.)	89905
Heavy leptons, (30 refs.)	89694
Helium stopping powers and ranges in all elements, (121 refs.)	58565
Heliumlike line intensities in stationary plasmas, (81 refs.)	53811
Herbig-Haro objects, (70 refs.)	85936
Heterogeneous flows of multi-component mixtures in porous media—review, (65 refs.)	59471
Higashi-Izu volcano group, Japan, (60 refs.)	96176
High-density plasma spectroscopy, (64 refs.)	75429
High energy antiparticle-particle reaction differences and annihilations, (166 refs.)	74279
High energy neutrino physics at Fermilab, (64 refs.)	50028
High-frequency magnetoconductivity in space charge layers on semiconductors, (95 refs.)	60231
High-order multiphoton molecular processes, (55 refs.)	82797
High-temperature deformation of two phase structures, (51 refs.)	68738
Higher-order corrections to level energies of muonic atoms, (74 refs.)	62956
Homotopy and solitons, (100 refs.)	78062
Hot wall epitaxy, (135 refs.)	52678
Hybrid and select metal-matrix composites, (68 refs.)	72706
Hydrodynamics at critical point, (95 refs.)	59361
Hydrogen bonding and anomalous saturation, (60 refs.)	52426
Hydrogen transport studies using neutron radiography, (70 refs.)	59961
Hydrogenic fluids. Transverse dielectric function and excitation spectrum, (51 refs.)	67311
Hydrolysis of organic compounds in water, (114 refs.)	76856
Hydrothermal alteration of oceanic basalts, (69 refs.)	69328
Hygroscopic minerals in Martian regolith, (82 refs.)	65541
Hyperfine interaction of ¹⁶¹ Dy impurities implanted in iron and nickel, (62 refs.)	68417
Icelandic volcanic zones, (88 refs.)	96171
Ideal gas thermodynamic properties of methanoic and ethanoic acids, (129 refs.)	51275
III-V compound MIS structures, (70 refs.)	95372
Image segmentation and feature extraction, (64 refs.)	58937
Impurity centre concentration measurement by junction capacitance measurement, (47 refs.)	79958
In-depth profiling using SIMS, (108 refs.)	85246
Incoherent scatter of radio waves from the ionosphere, (82 refs.)	81503
Inelastic analysis of metal structures—some applications, (71 refs.)	70586
Inelastic atom-atom collisions, theory, (103 refs.)	74736
Inert gas fluoride lasers, (80 refs.)	71083
Infrared transmitting materials, (79 refs.)	55417
Infrared photometry of giant stars in M3, M13, M92 and M67, (65 refs.)	57595
Infrared photovoltaic detectors, (71 refs.)	54451
Infrared spectrometry, (805 refs.)	85223
Inhomogeneous materials, metal-nonmetal transitions electronic properties, (30 refs.)	56073
Integral properties of late-type galaxies, (54 refs.)	86015
Integrated optics, (510 refs.)	66959
Intense relativistic electron beam interaction with a cool theta pinch plasma, (90 refs.)	51334
Interaction of oxygen and nitrogen with clean transition metal surfaces, (103 refs.)	64889
Interactions of neutrinos with hadrons, book contrib, (120 refs.)	78171
Interfacial electrochemistry of silver iodide, (251 refs.)	80748
Interfacial photoemission, (50 refs.)	95676
Interplanetary boulders, (66 refs.)	89119
Interplanetary dust-dynamics, (406 refs.)	57501
Interplanetary magnetic field, (161 refs.)	73675
Interplanetary particle sampling techniques, (101 refs.)	57459
Interstellar catalysis, (51 refs.)	57616
Interstellar dust clouds, (78 refs.)	85999
Interstellar dust—composition, (229 refs.)	57624
Interstellar dust grains—destruction, (60 refs.)	54021
Interstellar dust grains—growth, (72 refs.)	54022
Interstellar dust grains—sputtering, (77 refs.)	54020
Interstellar medium, (369 refs.)	65679
Interstellar titanium, (60 refs.)	57611
Interstellar travel and communication, (483 refs.)	81564
Intra-plate volcanism, (84 refs.)	65242
Invar-type alloys—magnetomechanical effects, (101 refs.)	52330
ion implantation in electronic device fabrication, (57 refs.)	87692
Ion implantation in ferromagnets, (65 refs.)	79623
Ion implanted films, (63 refs.)	71752
Ion implanted Si, annealing behaviour of disorders	83836
Ion selective electrodes, (435 refs.)	85165
Ion sources for low energy accelerators, (67 refs.)	58521
Ionic channels in excitable membranes, (71 refs.)	53369
Ionic diffusion in naturally-occurring aqueous solutions, (66 refs.)	57224
Ionic hydration in alkali halide solutions, (141 refs.)	92501
Ionic solvation, one-layer continuum model, (57 refs.)	95944
Ionised gas in X-ray clusters of galaxies, (51 refs.)	89243
Ionosphere—cross-modulation, (71 refs.)	93048
Ionosphere D-region, (115 refs.)	85756
Ionospheric conditions prediction, (61 refs.)	93046
IR spectroscopy applications in catalysis research, (320 refs.)	53256
Iron-oxygen system, thermodynamic assessment, (92 refs.)	79780
Isotope effect on the zero point energy shift upon condensation. I. Formulation and application to ethylene, methane, and fluoromethanes, (59 refs.)	95147
IUE observations of extragalactic objects, (146 refs.)	96540
Jahn-Teller effect in ionic crystals, (43 refs.)	64015
JANAF thermochemical tables, 1978 supplement, (1426 refs.)	93637
Japanese earthquake of 1853, (146 refs.)	96146
Japanese geothermal systems, (69 refs.)	69385
Jupiter whistler mode noise, (50 refs.)	89112
K-shell ionization in heavy-ion collisions, (297 refs.)	82834
Kepler's first oval orbit for Mars, (62 refs.)	62027
Kimberlite nodules, upper mantle petrology, and geotherms, (76 refs.)	65310
Kinematical conditions in the construction of spacetime, (74 refs.)	70033
Kinetic processes in rare gas halide lasers, (65 refs.)	63098
Kinetic studies of nucleation and growth at surfaces, (48 refs.)	72046
Kondo problem—experimental advances, (77 refs.)	84384
Langmuir turbulence, (90 refs.)	51302
Langmuir turbulence and modulational instability, (89 refs.)	75335
Lanthanide atomic spectra analysis, (50 refs.)	62749
Laser frequency measurements: a review, limitations, extension to 197 THz (1.5 μm), (53 refs.)	81952
Laser Raman and fluorescence techniques for practical combustion diagnostics, (191 refs.)	88635
Laser saturation spectroscopy in the time-delayed mode. Theory of optical free induction decay in coupled Doppler-broadened systems, (52 refs.)	54472
Laser-system for determination of the fission product-release and -distribution in coated particles, (71 refs.)	82403
Laser wavelength measurements, (64 refs.)	50841
Last interglacial-glacial cycle, Baffin Island, (80 refs.)	61536
Late B-type stars, (66 refs.)	89199
Late Quaternary climate of coastal California, (101 refs.)	57293

Latent heat of vaporisation prediction for binary mixtures, (59 refs.)	83930
Lattice dynamics and crystal equilibrium, (80 refs.)	75733
Lattice vibrations and Debye-Waller factors in f.c.c. metals, (61 refs.)	51630
Lectures on the inverse scattering transform, (85 refs.)	57795
Lepton mixing and neutrino oscillations, (58 refs.)	66182
Lepton mixing and neutrino oscillations, (58 refs.)	82193
Lepton pair production, (76 refs.)	82159
Lidar in space, (54 refs.)	61602
Lie-admissible algebras with nonflexible identities, (69 refs.)	93812
Lifshitz point in magnetic alloys, (20 refs.)	52265
Light ion direct reactions, (59 refs.)	54732
Light ion nuclear reactions, (51 refs.)	54733
Light noble gases in stony meteorites, (143 refs.)	65574
Light scattering from superfluid helium, (60 refs.)	59991
Light scattering studies on microgels in polymer solutions, (82 refs.)	50704
Linear response theory and area preserving mappings, (76 refs.)	62174
Linear response theory revisited. I. The many-body van Hove limit, (54 refs.)	62156
Liquid electron diffraction, (41 refs.)	83686
Liquid helium films, (106 refs.)	60002
Lithosphere subduction beneath the Banda Sea, (52 refs.)	81131
LMFBR fuel freezing and drainage in shield plug following HCDA, (70 refs.)	50270
Local moments and localized states, (52 refs.)	72327
Low energy positron interactions with gases, (189 refs.)	50651
Low frequency noise effects on people, (121 refs.)	92673
Low-pressure discharge electron kinetics, (133 refs.)	75483
Lunar and planetary impact erosion, (307 refs.)	57476
Lunar basin rings formation, (94 refs.)	61766
Lunar tides in ionosphere, (82 refs.)	77382
M-particle n-hole structure of light nuclei, (81 refs.)	50062
Magma generation in upper mantle, (80 refs.)	65311
Magnetic heavy rare earths, (684 refs.)	60259
Magnetic interactions and weak ferromagnetism in the rare-earth orthochromites, (58 refs.)	52220
Magnetic monopoles in gauge field theories, (144 refs.)	89625
Magnetic phase transitions in lower-dimensional systems, (56 refs.)	68241
Magnetic precipitation hardening in a semihard permanent magnet alloy, (51 refs.)	52830
Magnetic properties of actinide systems, (47 refs.)	84383
Magnetic properties of alloys: Rhodes-Wohlfarth plot, (64 refs.)	52190
Magnetic properties of dilute and concentrated alloys, (77 refs.)	91843
Magnetic properties of hydrides of the rare earths and rare earth intermetallics, (50 refs.)	68210
Magnetic properties of the rare earth pnictides, (147 refs.)	72325
Magnetic resonance studies of some metal-peptide complexes-models of natural systems, (54 refs.)	64937
Magnetic susceptibility, (99 refs.)	82006
Magnetism and catalysis, (49 refs.)	64881
Magnetism in rare earth-3d intermetallics, (210 refs.)	52231
Magnetoelastic effects in metallic glasses, (59 refs.)	68352
Magnetohydrodynamics of the Earth's dynamo, (110 refs.)	61331
Magnetopause, (78 refs.)	61673
Magnetosphere electrons scattering, (60 refs.)	89011
Magnetospheric physics, (315 refs.)	65466
Magnetospheric studies, (199 refs.)	65496
Magnetospheric substorm sequences, (63 refs.)	77432
Magnetron sputtering, (90 refs.)	72664
Manicouagan impact crater, Quebec, (65 refs.)	81163
Manicouagan impact melt, Quebec, (60 refs.)	81164
Many-body effect in photoemission, (52 refs.)	95667
Marginal basin geochemistry, (58 refs.)	65254
Maritime aerosol, (50 refs.)	85640
Markarian-normal galaxy pairs morphology, (55 refs.)	96535
Mars atmosphere composition, (77 refs.)	69721
Mars mantle density and geological implications, (90 refs.)	65532
Mars thermal history and evolution, (74 refs.)	65533
Mars topography harmonics, (59 refs.)	85880
Martian satellites, (59 refs.)	73670
Marxism and German scientific materialism, (77 refs.)	86111
Mass spectral pattern recognition via techniques of mathematical programming, (62 refs.)	92523
Mass spectrometry, (1163 refs.)	85226
Mass spectrometry of solvated ions generated directly from the liquid phase by electrohydrodynamic ionization, (74 refs.)	73102
Mathematical techniques for energy dispersive X-ray fluorescence analysis, (77 refs.)	85243
Mean secular parallax at low galactic latitude, (74 refs.)	57542
Measurements in fiber optics, (79 refs.)	59143
Mediterranean sea level changes and tectonics, (153 refs.)	81201
Mercury: magnetic field and interior, (60 refs.)	65524
Meson photo- and electroproduction in the first π N-resonance region, (79 refs.)	54636
Meson spectroscopy, (184 refs.)	74228
Mesons and two-nucleon potential, (97 refs.)	89802
Metal-hydrogen systems: Compton profiles, (82 refs.)	92140
Metal-nonmetal transition in condensed media, (63 refs.)	56075
Metal-poor stars and globular clusters: absolute spectral energy distributions and [Fe/H] values, (66 refs.)	53937
Metal-semiconductor rectifiers, (112 refs.)	52089
Metal solutions, cation-electron interactions, (56 refs.)	73037
Metal surface structure and initial stages of reactivity, (171 refs.)	68837
Metallic glasses, structure and properties, (65 refs.)	83747
Metals in road transportation, (116 refs.)	88622
Metamorphic bathozones and bathograds, (82 refs.)	81113
Metastability and superconductivity in thin films, (102 refs.)	64161
Metastable rare gas collisions at intermediate energies (5-3000 eV), (65 refs.)	62904
Meteoritic material at large impact craters, (65 refs.)	57208
Meteorological applications of radar, (223 refs.)	77371
Meteors, (138 refs.)	57509
Methods for the non-destructive assay of irradiated nuclear fuels for safeguards, (67 refs.)	82495
Methyl isocyanide photodissociation: chemical laser determination of energy partitioning into the cyanide radical photochemical product, (58 refs.)	73063
Microinstability theory in Tokamaks, (228 refs.)	75292
Micrometeoroid impact simulation, (95 refs.)	57510
Microparticles-space instrumentation, (144 refs.)	57460
Microprocessor based biomedical systems, (129 refs.)	57095
Microscopic theories of lattice dynamics, (66 refs.)	59870
Microstructural influences on fatigue and fracture resistance in high strength structural materials, (172 refs.)	56728
Microstructure dependence of mechanical behaviour of ceramics, (418 refs.)	88533
Microwave background radiation spectrum, (54 refs.)	86039
Microwave noise standards, (68 refs.)	57985
Microwave spectral lines in galactic dust globules, (76 refs.)	57609
Mid-Atlantic Ridge, (84 refs.)	85508
Mid-plate volcanism, (64 refs.)	65243
Migmaceal—a low-gain 'driven' fusion power amplifier as an interim energy source, (94 refs.)	54875
Mixed gas adsorption on solid surface, (67 refs.)	75942
Molecular and spectroscopic constants, (60 refs.)	78678
Molecular aspects of rubber elasticity, (162 refs.)	84886
Molecular charge-transfer complexes, (90 refs.)	62942
Molecular dynamical calculations of energy transport in crystalline solids, (72 refs.)	95117
Molecular photoelectron spectroscopy, (90 refs.)	94283
Molecular spectra of pure S stars, (55 refs.)	77554
Molecular structure and physical-chemical properties, (95 refs.)	58569
Molecules in planetary nebulae, (58 refs.)	53998
Monitoring the quality of contact welds, (53 refs.)	56854
Monomolecular and multimolecular built up films, (100 refs.)	71906
Monte Carlo simulation of gas flows, (64 refs.)	59365
Morphogenesis of solid polymer microstructures, (1106 refs.)	83757
Mossbauer effect study of '475°C embrittlement' of duplex and ferritic stainless steels, (79 refs.)	52933
Mossbauer spectroscopy, (386 refs.)	84501
Movement of actinides through the food chain, (58 refs.)	61264
Multiphoton phenomena in photoelectron emission of metals, (50 refs.)	60550
Multiple parameter systems, (129 refs.)	93532
Muon physics, (139 refs.)	82260
Muon spin rotation and its application to magnetism studies, (67 refs.)	52417
Myocardial perfusion scan interpretation: computer technique, (50 refs.)	80960
Na-NH ₃ vapour deposited alloys, (54 refs.)	84317
Nanosecond and microsecond pulse generation in solid-state lasers, (60 refs.)	71130
Narrow states in pp, (58 refs.)	62378
Navier-Stokes equations, theory and numerical analysis	77721
Near-space radio noise environment, (55 refs.)	89034
Nematic liquid crystals: US properties, (70 refs.)	63668
Nerve impulses, (68 refs.)	85306
Neuron connectivity, (66 refs.)	77039
Neuronal spike-train statistical analysis, (59 refs.)	73149
Neutral particles, detection and energy analysis, (61 refs.)	82590
Neutrino physics, high-energy (>10 GeV), development, (80 refs.)	82201
Neutrino physics with Gargamelle, (303 refs.)	50027
Neutron activation analysis multielement irradiation standards, (60 refs.)	80815
Neutron capture cross-sections for fast reactor materials, (95 refs.)	82355
Neutron diffraction and inelastic scattering from adsorbed molecules, (56 refs.)	87869
Neutron dipole moments and spin rotations, (52 refs.)	74296
Neutron irradiation of superconducting compounds, (67 refs.)	52121
Neutron production by the use of electron linear accelerators, (69 refs.)	78532
Neutron radiographic inspection of nuclear fuels, (154 refs.)	60890
Neutron radiography development, (80 refs.)	60887
Neutron radiography: equipment and methods, (101 refs.)	60889
Neutron radiography in metallurgy, (125 refs.)	60892
Neutron scattering and amorphous polymers, (116 refs.)	83753
Neutron scattering studies of itinerant electron magnetism, (65 refs.)	68194
Neutron techniques for the observation of ferro- and antiferromagnetic domains, (69 refs.)	64213
New subgroup of carbonaceous chondrites, (51 refs.)	65573
New trends in the application of Fourier transform infrared spectroscopy to analytical chemistry, (83 refs.)	61092
Ni(p,t) reactions, (59 refs.)	58281
NMR; chemical aspects, (399 refs.)	85217
NMR spectroscopy of large peptides and small proteins, (54 refs.)	88694
Noble gases in the Earth's mantle, (58 refs.)	85521
Non-leptonic weak interactions, book contrib, (50 refs.)	78163
Non-Rydberg spectroscopy of atoms, (112 refs.)	90127
Nonlinear wave propagation, (68 refs.)	77729
Northern atmosphere, (54 refs.)	57249
Nuclear carbide fuels, computer model of fission gas behavior, (66 refs.)	78469
Nuclear chemical bound-energy system—market prospects, (89 refs.)	82505
Nuclear Coulomb energies, (225 refs.)	78242
Nuclear data sheets for A=110, (45 refs.)	66189
Nuclear data sheets for A=194, (155 refs.)	89769
Nuclear data sheets for A=207, (184 refs.)	89770
Nuclear data sheets for A=209, (166 refs.)	89771
Nuclear data sheets for A=215, (51 refs.)	58224
Nuclear data sheets for A=219, (44 refs.)	58225
Nuclear data sheets for A=223, (62 refs.)	58226
Nuclear data sheets for A=227, (94 refs.)	58227
Nuclear data sheets for A=237, (134 refs.)	82267
Nuclear data sheets for A=241, (162 refs.)	82268
Nuclear data sheets for A=45, (107 refs.)	66187
Nuclear data sheets for A=47, (157 refs.)	66188
Nuclear data sheets for A=48, (233 refs.)	82266
Nuclear floating offshore plants, (111 refs.)	66336
Nuclear fuel cycles and waste management, (323 refs.)	54863
Nuclear giant monopole resonance width calculations for ¹⁶ O and ⁴⁰ Ca, (55 refs.)	93984
Nuclear heavy-ion reactions, (154 refs.)	74401
Nuclear high-spin states experimental investigation, (63 refs.)	86722
Nuclear isomers: spontaneous fission, (110 refs.)	82402

Nuclear levels in ^{152}Eu , (95 refs.)	66215	Photon hadronic properties in high energy interactions, (626 refs.)	74266
Nuclear matter, (60 refs.)	66236	Photoproduction of pions and nucleons in resonance region, (60 refs.)	70377
Nuclear neutron distribution radius, (62 refs.)	93933	Photostimulated processes, inorganic materials, optical information storage, (96 refs.)	82926
Nuclear physics, use of analyticity, (106 refs.)	89835	Physical chemistry of glass surfaces, (52 refs.)	60854
Nuclear power plant control, (72 refs.)	70609	Physics of QSO absorption line regions, (89 refs.)	57680
Nuclear reactions in the solar atmosphere, (126 refs.)	57527	Pico-femtosecond electron-optical photography, (101 refs.)	82064
Nuclear reactor distributed parameter optimal control, (80 refs.)	54858	Picosecond-domain waveform measurements, (127 refs.)	57923
Nuclear spallation reaction and its application, (81 refs.)	74345	Picture taking parameters display in amateur cameras, (75 refs.)	89578
Nuclear spin dynamics, (99 refs.)	55189	Piezoelectric tunnel converters of hydrostatic pressure, (61 refs.)	89470
Nuclear spin-lattice relaxation of NH_4^+ and BH_4^- ion motion in solids, (69 refs.)	56388	Pion electroproduction, (62 refs.)	62411
Nuclear structure studies with light ion transfer reactions, (72 refs.)	50060	Pion fields in nuclear matter, (85 refs.)	58246
Nuclear theory and progenitor sum rules, (73 refs.)	54690	Pion-nucleus scattering, (62 refs.)	74406
Nuclei and particles, introductory text book	78234	Pion production and pion-pion scattering, (57 refs.)	62455
Nucleon-nucleon bremsstrahlung experiments, (40 refs.)	62447	Planar magnetron sputtering, (66 refs.)	72725
Nucleon-nucleon interaction: Low energy experiments, (58 refs.)	62419	Planetary magnetism, (105 refs.)	73664
Nucleon-nucleon spin-polarisation measurement, (67 refs.)	74272	Planetary nebulae—physical conditions, (81 refs.)	81677
Nucleonics, review 1975-1977, (213 refs.)	82262	Planetary nebulae synthetic distance scale, (81 refs.)	89240
Nucleoside and nucleotide conformations from NMR, (348 refs.)	76990	Planetary theory developments, 1973-1976, (56 refs.)	77505
Numerical methods in convection theory, (50 refs.)	89058	Plants, transfer cells and their roles in transport of solutes, (131 refs.)	73148
Numerical methods in water-wave diffraction and radiation, (59 refs.)	59412	Plasma chemistry, (120 refs.)	76864
Numerical solution of boundary value problems through integral equations, (169 refs.)	81808	Plasma confinement in fusion reactors, (78 refs.)	87477
$\text{O}^+ + \text{N}_2$ reaction mechanisms, (54 refs.)	60996	Plasma diagnostics, electron distribution functions, (89 refs.)	71534
Objective methods for weather prediction, (62 refs.)	61535	Plasma sheet thinning, (72 refs.)	96352
Oceanic basalt composition and mantle evolution, (115 refs.)	65217	Plasma-wall interactions in Tokamaks, (50 refs.)	94123
Oceanic transform earthquakes, (61 refs.)	53620	Plasticity theory, (158 refs.)	83267
Oceanic wave EM scattering, (86 refs.)	77243	Plutonic granitic rocks isotopic composition, (96 refs.)	65221
Ocular effects of UV radiation, (50 refs.)	80917	Poincaré's conventionalism of applied geometry, (51 refs.)	86110
OH radicals, microwave spectra, (477 refs.)	50542	Point defects and self-diffusion in graphite, (106 refs.)	63758
Olivine-creep, (67 refs.)	69332	Polar magnetic disturbances, (61 refs.)	77423
On-line control of nuclear fuel reprocessing, (72 refs.)	74460	Polariton modes at the interface between two conducting or dielectric media, (72 refs.)	87922
On-line measurement of particle size distribution, (57 refs.)	60895	Polarized electron source for electron-atom scattering, (116 refs.)	66689
One-dimensional model systems: theoretical survey, (80 refs.)	68129	Polyatomic molecules in dilute solution, IR spectra, (65 refs.)	66544
One-electron characteristics of photomultipliers for counting photons, (138 refs.)	58038	Polycrystalline surface texture, modern analysis methods, (82 refs.)	75914
Open star cluster ages, (82 refs.)	61893	Polycyclic aromatic hydrocarbons in recent sediments, (61 refs.)	57192
Optical, acoustical and acousto-optical properties of silver chloride single crystals, (76 refs.)	76417	Polymer degradation—molecular mechanisms, (54 refs.)	76860
Optical coatings, basic developments, (46 refs.)	74964	Polymer films and sheets, uni- and biaxial orientation, (69 refs.)	80590
Optical communications research and technology: fiber optics, (98 refs.)	87151	Polymer solutions, flow behaviour through porous media, (76 refs.)	55666
Optical fibres in medicine, (53 refs.)	53540	Polymerism of the double molybdates and tungstates of mono- and tri-valent metals with the composition $\text{M}^+\text{R}^{3+}(\text{EO}_4)_2$, (94 refs.)	87642
Optical polarization-altering property measurement for linear systems, (56 refs.)	54438	Polystyrene, use in modification of properties and application of cellulosic fibres, membranes and timer composites, (182 refs.)	95727
Optical properties of alkaline metals, (64 refs.)	72558	Polytypism in crystals, (158 refs.)	83764
Optical properties of discontinuous metallic films, (119 refs.)	84673	Polyvinylidene fluoride, piezoelectricity, importance of metal-polymer interface, (52 refs.)	76391
Optical properties of semiconductors under intense laser fields, (71 refs.)	72513	Positions of galactic X-ray sources, (51 refs.)	61938
Optical recording media, (52 refs.)	71172	Positron annihilation and phase transitions in molecular substances, (91 refs.)	95614
Optical redshifts of bright galaxies, (106 refs.)	89252	Positron annihilation study of neutron damage in metals, (69 refs.)	71769
Optical spectra of Molonglo radio sources, (54 refs.)	96555	Potential energy curve-spline for A+BC reaction dynamics, (59 refs.)	80729
Optical spectral methods of the investigation of evaporation of metals, (72 refs.)	75822	Powder coatings, (46 refs.)	56577
Optical studies from space, Soviet, review, (60 refs.)	85815	Precambrian geological history, (53 refs.)	53651
Opto-acoustic spectroscopy, (79 refs.)	89554	Precambrian thermal regimes, (57 refs.)	65235
Orbital interaction and chemical bonds. Exchange repulsion and rehybridization in chemical reactions, (49 refs.)	85142	Precipitation at interphase boundaries, (58 refs.)	52815
Orbital ordering in K_2CuF_4 , (46 refs.)	76224	Preconcentration in inorganic trace analysis, (120 refs.)	85256
Orbital perturbations and stationkeeping of communication satellites, (231 refs.)	89039	Pressure effects on atomic spectral lines, (78 refs.)	82690
Ordering in substitutional and interstitial solid solutions, (91 refs.)	79744	Principles of dynamic nuclear polarisation, (70 refs.)	64297
Ore-deposition through geological time, (72 refs.)	77235	Process and equipment developments in electrothermics and metallurgy over the last twenty-five years, (67 refs.)	92437
Organic chemistry, structure and molecular spectroscopy, computer applications in USSR, (84 refs.)	88624	Proton-nucleus intermediate and high energy research, (180 refs.)	94010
Origin of Cl and Br in oceans, (72 refs.)	65342	Pseudopotentials, first-principle HF and local density functional schemes comparison, (66 refs.)	62702
Origin of Martian polar stepped topography, (50 refs.)	65536	Psion production and decay, review, (114 refs.)	82208
Origin of quasar absorption lines, (85 refs.)	57684	Pt nuclear rotation-aligned states lifetimes ($A=190-193$), (61 refs.)	93969
Orion OB 1 stellar association, (179 refs.)	77582	Pulsating aurora, (100 refs.)	73562
Oscillating airloads prediction, (73 refs.)	71346	Pulse radiolysis methods, application to biomolecules, (264 refs.)	61145
Oscillations in a gas-laser discharge, (174 refs.)	55339	Pumps for ultrahigh vacuum, (66 refs.)	89488
Ostwald ripening and its application to precipitates and colloids in ionic crystals and glasses [Review], (62 refs.)	80548	Pyroclastic flows, (51 refs.)	61380
Oxidation of silicon in the presence of chlorine and chlorine compounds, (75 refs.)	53009	Pyroelectric detectors and materials, (84 refs.)	49901
Oxide glasses, multivariant system of oxides and partial properties prediction, (53 refs.)	79540	Pyroelectricity (1977), (95 refs.)	95552
Oxygen and nitrogen emissions in aurora, (58 refs.)	57380	QSOs and BL Lacertae objects, (148 refs.)	86036
Palaeo-ocean ventilation, (61 refs.)	61436	Quantitative analysis by Auger electron spectroscopy, (77 refs.)	76967
Palaeobathymetry, (106 refs.)	69341	Quantitative photometry of thin layer chromatograms, (138 refs.)	92558
Palaeoclimate and Earth's orbital elements, (57 refs.)	73502	Quantum chemistry for electron density studies, (104 refs.)	70731
Palaeoclimatic record of eastern Mediterranean sediment core, (75 refs.)	57294	Quantum chemistry of photographic reactions, (248 refs.)	53229
Palaeogene polarity time scale, (76 refs.)	77201	Quantum chemistry of photographic reactions, (123 refs.)	61034
Partial melting under spreading ridges, (148 refs.)	65237	Quantum electrodynamics in strong and supercritical fields, (187 refs.)	74193
Partial-wave analysis including π exchange for $\pi\text{N} \rightarrow \text{N}\pi\pi$ in the c.m. energy range 1.65-1.97 GeV, (76 refs.)	66148	Quantum field theory, PCT, spin and statistics	78102
Particle motion in gas currents, (72 refs.)	55676	Quantum fuel theory in asymptotically flat space-time, (61 refs.)	57846
Parylene polymers, (60 refs.)	64521	Quantum hydrodynamical description of low-lying collective states in atomic nuclei, (62 refs.)	89772
Pb and Sr isotopes in Aleutian Islands volcanic rocks, (74 refs.)	57185	Quantum interference effects in two-photon spectroscopy, (56 refs.)	94224
Penning discharges, (54 refs.)	59710	Quantum kinetic theory of biatomic molecular gases, (169 refs.)	91053
Petrochemical industry, materials review, (149 refs.)	95904	Quantum mechanics—the key to understanding magnetism, (81 refs.)	76215
Phanerozoic plate tectonics, (89 refs.)	92812	Quantum theory of solitons, (116 refs.)	70288
Phase diagrams of $\text{CaF}_2-(\text{Y},\text{Ln})\text{F}_3$ systems, (80 refs.)	84783	Quark bag model, (79 refs.)	50008
Phases in high alloy steels and superalloys, (81 refs.)	95728	quarks and leptons, (103 refs.)	74197
Phenomenology of the domain walls in thin ferromagnetic films, (105 refs.)	60324	Quasars, (150 refs.)	96562
Phonon modes in substitutional alloys, (53 refs.)	93122	Quasars and Seyfert nuclei, (74 refs.)	57686
Phospholipid bilayer, interaction forces, (67 refs.)	77006	Quasi-one-dimensional conductors, (428 refs.)	60070
Photochemistry of F-center formation in halide crystals, (51 refs.)	63763	Quasi-stellar radio sources from 4C and Parkes catalogues, (67 refs.)	65714
Photoelectric heating of interstellar gas, (89 refs.)	77587	Radar propagation in rock salt, (67 refs.)	96215
Photoelectron spectroscopy, (433 refs.)	85225	Radiation detection at submillimetre wavelengths, (295 refs.)	93759
Photoemission from metals, (59 refs.)	95670	Radiation-induced malignancy and somatic mutation, (71 refs.)	69147
Photoemission from noble metals and adsorbates using synchrotron radiation, (58 refs.)	52633	Radiation processing for flammability resistance, (69 refs.)	95942
Photoemission of spin polarised electrons, (85 refs.)	95675	Radiationless processes, influence of weak magnetic fields, (50 refs.)	78743
Photographic developing and fixing, (59 refs.)	86372		

Radiative lifetime measurement of the ³S, ³D, ⁴D, ⁴F, and ⁵F excited states of helium, (50 refs.).....94325
Radio continuum survey of galaxies isolated pairs, (81 refs.).....57657
Radio wave propagation through troposphere, (177 refs.).....69425
Radiobiology of mammal gonads, (87 refs.).....77090
Radiographic image analysis, (52 refs.).....61256
Radioimmunoassay, (62 refs.).....73217
Radioisotope thyroid studies, (73 refs.).....85372
Radioisotope identifications, (103 refs.).....54062
Radioisotope survey at 26.3 MHz, (150 refs.).....65707
Radioisotopes in galaxy clusters, (82 refs.).....93443
Raman spectrometry, (239 refs.).....85218
Raman study of reorientational motion of liquid benzene, (66 refs.).....70841
Random functions applied to microinhomogeneous media, (44 refs.).....63280
Rapid neutron capture and nucleosynthesis, (179 refs.).....77488
Rare earth additions to steel, (76 refs.).....72786
Rate constant estimation for abstraction of H from methane, (82 refs.).....95921
Reactions of oxygen with ZnO-1010-surfaces, (165 refs.).....95950
Recombination in amorphous semiconductors, (58 refs.).....72196
Refractory metal alloys, achievements and trends, (51 refs.).....95718
Refrigeration fundamentals: a view toward new refrigeration systems, (59 refs.).....93697
Regge pole analysis of rainbow scattering in atomic collisions, (50 refs.).....58774
Regge poles and cuts in π^0 photoproduction and related reactions, (52 refs.).....66127
Relativistic effects in highly ionized atoms, (96 refs.).....74588
Relativistic hadron couplings: a unified framework, (181 refs.).....50012
Relativistic nucleons in nuclei, (112 refs.).....89805
Relaxation in coupled spin systems, use of multiple quantum transitions, (55 refs.).....88211
Renormalisation group approach to scaling in physics, (388 refs.).....49634
Resistivity of amorphous ferromagnetic Fe₄Au_{1-x} alloys: anisotropy and field dependence, (54 refs.).....87960
Resistometric study of lattice defects, (119 refs.).....95799
Resonance phenomena in ring lasers with nonlinear absorption, (56 refs.).....59048
Resonance Raman scattering with tunable lasers, (243 refs.).....94247
Resonant Raman scattering in semiconductors, (89 refs.).....76459
Resource letter ENC-1: environmental noise control, (300 refs.).....61949
Respirable fraction of airborne dust: Performance characteristics of samplers matched to them, (51 refs.).....53438
Revised reconstruction of southern continents, (130 refs.).....92805
Rheology of some polymeric systems, (51 refs.).....87317
Riverice, (85 refs.).....61476
River meandering, (93 refs.).....61475
Room temperature phosphorimetry, (93 refs.).....95972
Rossby waves—long-period oscillations of oceans and atmospheres, (90 refs.).....61435
Rubber stress/strain relations, (50 refs.).....80578
Russian literature in radio oceanography, (34 refs.).....77338
S aerosols physical characteristics, (115 refs.).....96284
Safeguards implementation in the nuclear fuel cycle, (79 refs.).....86660
Scattering by multiple rectangular cylinders, (54 refs.).....62992
Scattering of 1 GeV protons on nuclei, (167 refs.).....70536
Scattering of electronically excited metastable rare gas atoms, (61 refs.).....62906
Schottky barrier formation on III-V compounds, (107 refs.).....95358
Schwarzschild electrodynamics: black holes, neutron stars, (51 refs.).....77480
Scientific instruments, Royal Swedish Academy of Sciences, catalogue.....81789
Seawater chemistry, (50 refs.).....65344
Segmental distribution in amorphous polymers as elucidated from crystallization and relaxation times, (62 refs.).....51443
Segmental distribution in amorphous polymers: review of light-, neutron-, and X-ray scattering results, stress-optical and dielectric measurements, (72 refs.).....51444
Seismic surface waves and Earth structure, (85 refs.).....73323
Selective processes induced by resonance laser radiation at the phase boundary of two media, (59 refs.).....64867
Self-diffusion of plutonium in uranium-plutonium mononitride, (53 refs.).....82461
Self-excited oscillations of gas flow in a duct, (58 refs.).....55670
Self-sustaining oscillations of flow past cavities, (78 refs.).....94645
SEM and surface morphology of human lymphocytes, (60 refs.).....53599
Semi-classical approach to radiation problems, (51 refs.).....74684
Semi-leptonic weak interactions, book contrib, (80 refs.).....78162
Semiclassical theory of collision-induced vibrational-rotational transitions. Application of methyl halides, (50 refs.).....78785
Semiclassical theory of unimolecular dissociation induced by a laser field, (57 refs.).....62863
Semiconductor heterostructures, (55 refs.).....72250
Semiconductor properties of ferroelectric and antiferroelectric crystals, (109 refs.).....56437
Semiconductors, electrical characterisation, (374 refs.).....60120
Semiempirical point charge model for the calculation of valence force constants, (61 refs.).....90150
Seyfert 2 and narrow-line radio galaxies, (54 refs.).....93391
Seyfert galaxies, (71 refs.).....69866
SF₆ breakdown mechanisms, (84 refs.).....59699
Shear deformation zones along transform faults and subducting slabs, (61 refs.).....73330
Shell model study of ⁵²V and ⁵²Cr and gamma decay of isobaric analogue states in ⁵²Cr, (90 refs.).....86492
Shell star 48 Librae (FX Librae), (51 refs.).....96486
Shell structure in nuclei, (118 refs.).....86493
Silicate planet crustal evolution, (45 refs.).....61774
Silicon spectra in O and B stars, (57 refs.).....57539
Simon Newcomb, 19th century American astronomer, (58 refs.).....93504
Slip moulding methods, (56 refs.).....68661
Sn odd nuclei: number-projected 3-quasiparticle description, (63 refs.).....93953
SO₂ oxidation in troposphere, (161 refs.).....96257
Social surveys on noise annoyance, (66 refs.).....87189

Soft X-ray microscopy and lithography with synchrotron radiation, (40 refs.).....66018
Solar atmosphere velocity fields, (243 refs.).....81600
Solar cells, thin film, recent developments, (80 refs.).....80016
Solar coronal magnetic fields, (71 refs.).....77533
Solar flares, (105 refs.).....93192
Solar flares physics and X-ray and UV emission, (93 refs.).....65598
Solar interior and neutrino problem, (50 refs.).....81598
Solar M regions, (53 refs.).....96367
Solar magnetic fields, (203 refs.).....81607
Solar modulation of atmospheric electrification, (103 refs.).....57261
Solar pulsations, (52 refs.).....93180
Solar system and nearby interstellar cloud, (59 refs.).....93352
Solar wind long-term variations, (60 refs.).....77452
Solar wind stream interfaces, (54 refs.).....77447
Solid surface study by electrochemical methods, (167 refs.).....80798
Soliton mass and surface tension in the $(\lambda|\phi|^4)_2$ quantum field model, (52 refs.).....58109
Solute segregation in iron-based alloys, (61 refs.).....72780
Solute-solvent interactions: small cations, (71 refs.).....73130
Some modern semiconducting materials, (93 refs.).....60131
Some problems of the statistical physics of polymer chains with volume interaction, (90 refs.).....94347
Sound velocity-density relations in marine sediments, (72 refs.).....50982
Space flight effects on man, (59 refs.).....53537
Spallation of copper by 80-GeV ⁴⁰Ar ions, (56 refs.).....66260
Spectrochemical emission spectroscopy, (1047 refs.).....80797
Spectrophotometric methods for determination of Pd, Pt, Rh, Ir, (338 refs.).....61115
Spectroscopy of molecular crystals, 1976, (1310 refs.).....72585
Speech perception by the chinchilla, (71 refs.).....57022
Spin glasses—recent experiments and systems, (81 refs.).....52274
SQUID detectors in biomagnetism, (54 refs.).....96061
Squid giant nerve fibre Na permeability inactivation, (86 refs.).....73154
Stability of periodic motion and nonlinear oscillation theory, (53 refs.).....86147
Statistical geodesy, (75 refs.).....81099
Statistical mechanics of Ising chains in random magnetic fields, (50 refs.).....77803
Statistical mechanics of relativistic dense matter, (296 refs.).....89814
Stellar absolute magnitude determination, (205 refs.).....96405
Stellar convection, (131 refs.).....89194
Stellar convection—observations, (61 refs.).....89182
Stellar convection theory, (55 refs.).....89180
Stellar diameters and surface brightness, (86 refs.).....53931
Stellar magnetic fields and convection, (91 refs.).....89185
Stellar mixing and the strong CN phenomenon, (77 refs.).....53921
Stellar mixing-length theory, (64 refs.).....89178
Stellar photometry, (605 refs.).....96407
Stellar radiative transfer, (68 refs.).....81616
Stony meteorites composition, (69 refs.).....65558
Stratospheric aerosol layer, (51 refs.).....81331
Strengths of A-A single bonds in symmetric A₂B_{2n} molecules and ions, (103 refs.).....74790
Stress corrosion crack propagation, (79 refs.).....60884
Stress relaxation testing of rocks, (65 refs.).....96309
Structure and collisions of ions and atoms, (753 refs.).....74554
Structure determination of gaseous and amorphous substances by diffraction, (51 refs.).....50665
Sturm Liouville expansion method in nuclear physics, (72 refs.).....89844
Sublimation of ZnO prismatic surfaces, (55 refs.).....60035
Sunsports subphotospheric heat flux, (56 refs.).....73692
Superfluid ⁴He, experimental properties, (54 refs.).....59998
Superfluid mechanics for a high density of vortex lines, (51 refs.).....54290
Superionic conductors, (62 refs.).....91476
Supernova models with slow energy pumping, (63 refs.).....73726
Suppression and critical bands in band-limiting experiments, (52 refs.).....92641
Suppression of plasma instabilities by the feedback method, (194 refs.).....63564
Surface effects and impurity production in Tokamak machines, (75 refs.).....94127
Surface projections and Shockley surface states in transition metals, (61 refs.).....88009
Surfaces of real metals by the variational self-consistent method, (58 refs.).....56204
Synchrotron radiation applications, (88 refs.).....74825
Synchrotron radiation as a source for photoemission, (75 refs.).....95677
Synchrotron radiation research at Moscow State University, (36 refs.).....66730
Synchrotron radiation research: Recent developments, (95 refs.).....78051
Synthetic aperture radar, (65 refs.).....81445
Synthetic seismogram computation, (76 refs.).....85711
Techniques for routine UHV in situ electron microscopy of growth processes of epitaxial thin films, (58 refs.).....55790
Tectonic plate kinematics, (84 refs.).....53637
Terrestrial H problem, (52 refs.).....93023
Terrestrial planet accretion, (56 refs.).....53846
The α/β silicon nitride phase transformation, (43 refs.).....56632
The Apollo tradition: An object lesson for management of large scale technological endeavours, (82 refs.).....93071
The cosmic X-ray sources, (116 refs.).....69915
The Great Year in Greek, Persian and Hindu astronomy, (55 refs.).....81790
The neutral kaon system, book contrib, (95 refs.).....78173
Theory of the coupling between conduction electrons and moments of 3d and 4f ions in metals, (54 refs.).....60090
Theory of unimolecular reactions induced by monochromatic infrared radiation, (71 refs.).....88645
Theory of vibrational energy transfer among diatomic molecules in inert matrices, (78 refs.).....82822
Thermal conductivity of ten binary alloy systems, (191 refs.).....95284
Thermal explosion hazards in (fast) nuclear reactors, (177 refs.).....82464
Thermal insulation of animal coats and human clothing, (113 refs.).....73139
Thermionic properties of CaB₆ type hexaborides, (62 refs.).....60541
Thermocurrents in ionic crystals, (107 refs.).....60381
Thermodynamic equilibrium constants of metal complexes, (63 refs.).....56912

Thermodynamic properties of ammonia, (189 refs.) 93636

Thermodynamic properties of the liquid Sn-Ge and Sn-Au systems by mass spectrometry, (51 refs.) 51706

Thermography in clinical diagnosis and monitoring, (139 refs.) 57113

Thermometry in localised hyperthermia, (90 refs.) 53561

Thermoplastic media for hologram recording, (154 refs.) 58948

Thin film applications to adsorption and catalysis, (57 refs.) 75943

Thin film thermal device applications, (36 refs.) 70189

Threshold switching in amorphous alloys, (83 refs.) 76122

Thyroid carcinoma treatment with ¹³¹I, (57 refs.) 85373

Tilted molecules in liquid crystals, (72 refs.) 79751

Timbre perception, (53 refs.) 77068

Time-resolved opto-acoustic spectroscopy, (60 refs.) 89550

Tone reproduction and copy quality of electrophotographic processes with ZnO binder-layers, (79 refs.) 62259

Topological cross-section and angular distribution of charged secondaries in 69.0 GeV/c nucleon-nucleon scattering, (52 refs.) 78219

Trace element behaviour in magmatic processes, (148 refs.) 65214

Trace elements and anorthositic genesis, (85 refs.) 65224

Trace elements in C3 chondrites, (64 refs.) 69756

Trace elements in ocean ridge basalts, (177 refs.) 65219

Track structure theory in radiobiology and in radiation detection, (51 refs.) 50446

Transactinide elements, atomic and chemical properties, (58 refs.) 85121

Transfer reactions induced by ^{17,18}O on ^{12,13}C at c.m. energies between 12.6 to 14.0 MeV, (56 refs.) 82371

Transformation methods in analysis of critical properties, (60 refs.) 49771

Transient X-ray sources in the galactic plane, (69 refs.) 93460

Transmission and emission computed tomography, (19 refs.) 81042

Transport of gases in synthetic polymeric membranes—an historic perspective, (70 refs.) 76912

TRM and variation with grain size, (82 refs.) 65270

Troposphere—organic C, (110 refs.) 73462

Tropospheric radio propagation characteristics prediction by computer programme, (69 refs.) 85666

Tropospheric S aerosols chemical properties, (58 refs.) 96254

Tunable diode laser IR spectroscopy, (98 refs.) 82061

Tunnelling spectroscopy, (88 refs.) 91776

Turbulence and mixing in stably stratified waters, (69 refs.) 59444

Turbulence (book), (931 refs.) 90839

Turbulence-generated noise in pipe flow, (72 refs.) 59385

Turbulence in geophysics, air-sea interactions, (398 refs.) 92953

Two-level degenerate system, resonant light scattering transient polarisation characteristics, (54 refs.) 94382

Two-photon spectroscopy, (83 refs.) 49909

Type I supernovae, (95 refs.) 96495

UK commercial fast reactor structural materials assessment, (116 refs.) 86581

Ultramafic bodies in Southern Appalachians, (188 refs.) 65288

Ultramafic inclusions petrogenesis, (116 refs.) 65301

Ultrasonic attenuation in Nb, (56 refs.) 64167

Ultrasonic propagation in liquid crystals, (96 refs.) 79667

Ultrasonic properties of mammalian tissues, (143 refs.) 88727

Ultrasonic velocity and attenuation in mammalian tissues, (62 refs.) 57044

Ultrasonics in ore processing, (87 refs.) 92214

Ultraviolet and light absorption spectrometry, (645 refs.) 85222

Unified description of odd-mass indium nuclei I. ¹¹³In and ¹¹⁵In levels

populated in the decay of ¹¹³Sn and ¹¹⁵Cd^m, (81 refs.) 66251

Uniform photographic emulsion production methods, (71 refs.) 58084

Unimolecular reaction theory, (100 refs.) 80712

Unsteady boundary layers, separated and attached, (109 refs.) 71313

Unsteady subsonic and supersonic inviscid flow, (106 refs.) 71350

Upper mantle rheology, (87 refs.) 69331

US B-scanning in medicine, (51 refs.) 73180

Vacuum lift refining in Cu smelting, (55 refs.) 60621

Valence photoemission from adsorbates, (61 refs.) 95672

Van der Waals potential of He-H₂ and Ne-H₂, (62 refs.) 74728

Vapour pressure isotope effects in benzene-cyclohexane systems, (94 refs.) 59940

Variational method in atomic scattering, (201 refs.) 86951

Vector meson production, dynamics and EM mixing effects, (92 refs.) 58191

Venus ionosphere model, (53 refs.) 57480

Venus magnetic field, (51 refs.) 96417

Vibration effects on continuous manual control, (91 refs.) 61169

Vibration effects on visual acuity, (77 refs.) 61168

Vibrational dynamics of liquids and solids investigated by picosecond light pulses, (166 refs.) 94414

Vibrational spectra of three-membered ring compounds, (327 refs.) 78701

Vibrational spectral investigations of the CONH group interactions in solution, (171 refs.) 90330

Vibrational spectroscopy of the medium rings, (53 refs.) 78702

Viking gas chromatograph-mass spectrometer, (120 refs.) 77460

Viscoelastic bodies, adhesion and fracture mechanics, (52 refs.) 83336

Viscous transonic flows, (65 refs.) 59416

Visibility of isolated alphabetic letters and numerals, (57 refs.) 53411

Visual cells, daily rhythms and vision research, (69 refs.) 61176

Volcanic arc-trench systems, (58 refs.) 65241

Volume phase holographic storage in ferroelectric crystals, (57 refs.) 82929

Vortex breakdown, (62 refs.) 59407

Warped galactic discs, (52 refs.) 65694

Watershed geomorphology, (89 refs.) 81229

Wave functions and the observer, (65 refs.) 54234

Waveguide lasers, (74 refs.) 59049

Weak and induced magnetism in itinerant electron systems, (52 refs.) 52191

Weak interaction physics, graduate textbook 78160

Weak interaction physics, historical development, (48 refs.) 78133

Weak interactions: high-energy behaviour, (100 refs.) 78164

Weak neutral current and its effects in stellar collapse, (119 refs.) 85964

Whistler propagation, (113 refs.) 73586

Winter polar ionosphere, (56 refs.) 77400

Woods-Saxon deformed pot. parameters for A=110-210 nuclei, (90 refs.) 93951

X-ray clusters of galaxies, (62 refs.) 93431

X-ray crystallography 94949

X-ray diffraction, (267 refs.) 59721

X-ray diffraction, (169 refs.) 83646

X-ray production in heavy ion-atom collisions, (147 refs.) 74757

X-ray spectrometry, (140 refs.) 85219

XPS, simple metals, core level spectra, (57 refs.) 72701

XPS, simple metals, valence band spectra, (72 refs.) 72702

Zn even isotopes, (70 refs.) 54708

Zodiacal light and interplanetary dust, (190 refs.) 57500

BOOK INDEX

A colour guide to clouds; R.S.Scorer, H.Wexler, [Oxford, England: Pergamon 1965] 92952

A perspective of physics, vol.I; R.Peierls, [London, England: Gordon & Breach 1977, £20.00] 54105

A renormalization group analysis of the hierarchical model in statistical mechanics; P.Collet, J.P.Eckmann, [Berlin, Germany: Springer-Verlag 1978, \$10.50] 81921

An introduction to thermomechanics; H.Ziegler, [Amsterdam, Netherlands: North-Holland 1977, \$36.75] 54187

An introduction to X-ray crystallography; M.M.Woolfson, [London, England: Cambridge 1978, £5.50] 94949

Annual review of fluid mechanics; *M.van Dyke, J.V.Wehausen, J.L.Lumley (editors)*, [Palo Alto, CA, USA: Annual Reviews Inc. 1978] 57726, 59357, 59365-6, 59369, 59385, 59407, 59412, 59416, 59432, 59444, 59483, 59507, 59531, 61331, 61435, 61475-6, 61535

Annual review of nuclear science, vol.27; *E.Segre, J.R.Grover, H.P.Noyes (editors)*, [Palo Alto, CA, USA: Annual Reviews Inc. 1977, \$20.00] 82201, 82208, 82263, 82322, 82388, 82402, 82591, 82834, 85121, 85964, 89277, 90003

Atomic energy levels—the rare-earth elements; W.C.Martin, R.Zalubas, L.Hagan, [Washington, DC, USA: Nat. Bur. Standards 1978] 86805

Basic nuclear engineering; K.S.Ram, [New Delhi, India: Wiley Eastern 1977, \$6.15] 54810

Cargese lectures in physics, vol.7; *M.Levy (editor/s)*, [London, England: Gordon & Breach 1977, \$33.00] 82130 (introductory abstract), 81880, 81908, 82213, 82217, 82219-22, 82256, 82335, 82632, 82679, 82811

Ceramic processing before firing; *G.Y.Onoda, L.L.Hench (editor/s)*, [Chichester, England: Wiley 1978, \$31.65] 56608

Computational methods in engineering and science; S.Nakamura, [Chichester, England: Wiley 1977, £18.75] 81820

Cosmic dust; *J.A.M.McDonnell (editor/s)*, [Chichester, England: Wiley 1978, £47.50] 57459-60, 57476, 57498, 57500-1, 57507, 57509-10, 57624

Diatomic molecules. Results of ab initio calculations; R.S.Mulliken, W.C.Ermler, [London, England: Academic 1977] 90080

Differential forms in mathematical physics; C.Von Westenholz, [Amsterdam, Netherlands: North-Holland 1977, \$65.25] 81810

Dynamical scattering of X-rays in crystals; Z.G.Pinsker, [Berlin, Germany: Springer-Verlag 1978, \$43.00] 71628

Elements of X-ray diffraction, 2nd edition; B.D.Cullity, [London, England: Addison-Wesley 1978, £16.50] 59721

ESR spectroscopy in polymer research; B.Ranby, J.F.Rabek, [Berlin, Germany: Springer-Verlag 1977, \$49.30] 91958

Failure in polymers. Molecular and phenomenological aspects; E.H.Andrews, P.E.Reed, J.G.Williams, C.B.Bucknall, [Berlin, Germany: Springer-Verlag 1978] 92361

Fatigue failure of metals; S.Kocanda, [Groningen, Netherlands: Sijthoff & Noordhoff 1978, \$35.00] 76747

Fiber bundle techniques in gauge theories; W.Drechsler, M.E.Mayer, [Berlin, Germany: Springer-Verlag 1977, \$11.00] 54573-4, 58130

Fields, particles and currents; A.H.Volk, [Berlin, Germany: Springer-Verlag 1977, \$14.30] 82117

From sundials to atomic clocks; J.Jespersen, J.Fitz-Randolph, [Washington, DC, USA: Nat. Bur. Standards 1977] 57904

Fundamentals of temperature, pressure and flow measurements, 2nd edition; R.P.Benedict, [Chichester, Sussex, England: Wiley 1977] 81941

Fusion and fast breeder reactors; *D.Faude, M.Helm, W.Weisz (editor/s)*, [Laxenburg, Austria: IAEA 1977] 78430

Geological directory of the British Isles. A guide to information sources 1978; *J.A.Diment (editor/s)*, [London, England: Geological Soc., London 1978] 88922

Geological oceanography; [London, England: Heinemann 1978, £6.00] 92845

Geomagnetic diagnosis of the magnetosphere. (Physics and chemistry in space. Volume 9); A.Nishida, [Berlin, Germany: Springer-Verlag 1978, \$41.00] 89015

Glossary of geology; *M.Gary, R.McAfee Jr., C.L.Wolf (editor/s)*, [Washington, DC, USA: American Geological Inst. 1974, \$35.00] 88833

Handbook of astronomy, astrophysics and geophysics, vol.I. The earth: 1. The upper atmosphere, ionosphere and magnetosphere; *C.W.Gordon, V.Canuto, W.I.Axford (editor/s)*, [London, England: Gordon & Breach 1978, \$35.00] 73557

Handbook of industrial materials, 1st edition; [Morden, England: Trade & Technical Press Ltd 1978] 56571

Handbook of the British Astronomical Association 1979; [London, England: British Astronomical Assoc. 1979] 85828

Handbook of ultrasonic B-scanning in medicine; R.M.Lunt, [London, England: Cambridge 1978, £9.50 hardback: £2.95 paperback] 73180

Helium. Stopping powers and ranges in all elemental matter; J.F.Ziegler, [Oxford, England: Pergamon 1977, \$30.00] 58565

Horizons in biochemistry and biophysics, vol.4; E.Quagliariello, F.Palmieri, T.P.Singer, [London, England: Addison-Wesley 1977, \$19.50] 68977, 69005, 69031, 69265

Hospital instrumentation care and servicing for critical care units; *R.B.Spooner (editor/s)*, [Pittsburgh, PA., USA: Instrument Soc. America 1977, £6.00] 69167, 69231-42, 69251-2, 69258

Hybrid and select metal-matrix composites: a state-of-the-art review; *W.J.Renton (editor/s)*, [New York, USA: American Inst. Aeronautics & Astronautics 1977, \$35.00] 72706

Illustrated glossary for solar and solar-terrestrial physics; *A.Bruzek, C.J.Durrant (editor/s)*, [Dordrecht, Netherlands: Reidel 1977, \$26.00] 57537

Integrated optics bibliography; K.D.Mayne, J.P.Tomlinson (editor/s), [London, England: IEE 1978] 66959

International advances in nondestructive testing, vol.5; W.J.McGonaghe (editor/s), [London, England: Gordon & Breach 1977] 51116, 52313, 53162-82, 53308, 53548

Introduction to fluid mechanics, second edition; R.W.Fox, A.T.McDonald, [Chichester, England: Wiley 1978, £12.50] 59358

Introduction to radioanalytical physics; G.Deconninck, [Amsterdam, Netherlands: Elsevier 1978, \$49.75] 95986

Introduction to trapped-particle instability in Tokamaks; W.M.Manheimer, [Oak Ridge, Tenn., USA: US Energy Res. & Development Administration 1977, \$4.75] 83562

Inverse problems in quantum scattering theory; K.Chadan, P.C.Sabatier, [Berlin, Germany: Springer-Verlag 1977, \$29.80] 54587

Landolt-Bornstein, group 3, vol.7. Crystal structure data of inorganic compounds, pt.f; K.H.Hellwege, A.M.Hellwege (editor/s), [Berlin, Germany: Springer-Verlag 1977] 51521

Lightning; R.H.Golde (editor/s), [London, England: Academic Press 1977, £38.00] 53713

Liquid metals; M.Shimoji, [London, England: Academic Press 1977, \$32.35] 51406

Liquids and their properties. A molecular and macroscopic treatise with applications; H.N.V.Temperley, D.H.Trevena, [Chichester, England: Ellis Horwood 1978, £15.00] 87604

Mathematical models in water pollution control; A.James (editor/s), [Chichester, England: Wiley 1978, £14.50] 73418

Medical instrumentation and electrical safety. The view from the nursing station; S.A.Hoenig, D.H.Scott, [Chichester, England: Wiley 1977, £7.30] 57100

Metal semi-conductor contacts; E.H.Rhoderick, [London, England: Clarendon Press, Oxford 1978, £7.50] 52090

Microcomputer design and application; S.C.Lee (editor/s), [London, England: Academic Press 1977, \$14.50] 74042, 77374

Microphysics of clouds and precipitation; H.R.Pruppacher, J.D.Klett, [Dordrecht, Netherlands: D. Reidel 1978, \$39.00] 88896

Navier-Stokes equations; R.Temam, [Amsterdam, Netherlands: North-Holland 1977, \$45.00] 77721

Nuclei and particles. An introduction to nuclear and subnuclear physics, 2nd edition; E.Segre, [Reading, MA, USA: W.A. Benjamin Inc. 1977, \$29.50] 78234

Optical data processing. Applications; D.Casasent (editor/s), [Berlin, Germany: Springer-Verlag 1978, \$39.60] 90388

Pattern recognition: theory and application; K.S.Fu, A.Whinston (editor/s), [Groningen, Netherlands: Noordhoff 1977, \$39.50] 64927-8

PCT, spin and statistics, and all that; R.F.Streater, A.S.Wightman, [Reading, MA, USA: Benjamin/Cummings Publishing Co. Inc. 1978] 78102

Photoemission and the electronic properties of surfaces; B.Feuerbacher, B.Fitton, R.F.Willis (editor/s), [Chichester, England: Wiley 1978, \$32.50] 95325-6, 95662-77

Photography by infrared. Its principles and applications, 3rd edition; H.L.Gibson, [Chichester, England: Wiley 1978, £21.15] 82068

Physical processes in interstellar medium; L.Spitzer, [Chichester, England: Wiley 1978, \$20.25] 65679

Physics; P.J.Fleming, [London, England: Addison-Wesley 1978, £12.75] 57725

Physics and the sound of music; J.S.Rigden, [Chichester, England: Wiley 1977, £9.70] 55529

Physics for applied biologists; N.C.Hilyard, H.C.Biggin, [London, England: Edward Arnold 1977, £4.95] 53310

Physics for engineers and scientists, 2nd edition; D.Elwell, A.J.Pointon, [Chichester, England: Ellis Horwood 1978, £15.00] 57710

Point defects in metal. I. Introduction to the theory; G.Leibfried, N.Breuer, [Berlin, Germany: Springer-Verlag 1977, \$39.20] 71730

Principles of magnetic resonance; C.P.Slichter, [Berlin, Germany: Springer-Verlag 1978, \$27.00] 80189

Recent advances in boundary element methods; R.Butterfield, [London, England: Pentech Press 1978] 94634

Recent developments in nondestructive testing; [Abington, England: Welding Inst. 1978] 56873

Reflection seismology. A tool for energy resource exploration; K.H.Waters, [Chichester, England: Wiley 1978, £19.75] 96162

Relativistic theories of materials; A.Bressan, [Berlin, Germany: Springer-Verlag 1978, \$45.10] 81907

Scattering theory in quantum mechanics; W.O.Amrein, J.M.Jauch, K.B.Sinha, [Reading, MA, USA: Benjamin 1977, \$29.50] 49573

Statistical treatment of experimental data; J.R.Green, D.Margerison, [Amsterdam, Netherlands: Elsevier 1977, \$34.95] 77834

Stress analysis of notch problems; G.C.Sih (editor/s), [Alphen aan den Rijn, Netherlands: Sijthoff & Noordhoff 1978, \$37.50] 94617-22

Structure and collisions of ions and atoms; A.Sellin (editor/s), [Berlin, Germany: Springer-Verlag 1978, \$33.20] 74193, 74554, 74588, 74736, 74756-8, 75697

The chamber of physics; G.Pipping, [Stockholm, Sweden: Almqvist & Wiksell 1977] 81789

The concepts and logic of classical thermodynamics as a theory of heat engines. Rigorously constructed upon the foundations laid down by S. Carnot and F. Reech; C.Truesdell, S.Bharatha, [Berlin, Germany: Springer-Verlag 1977, \$28.20] 81938

The electronic structure of rare-earth metals and alloys. The magnetic heavy rare-earths; B.Cogblin, [London, England: Academic Press 1977, \$57.75] 60259

The essence of organic chemistry; J.M.Cram, D.J.Cram, [London, England: Addison-Wesley 1978, £11.25] 57711

The nature and properties of engineering materials, 2nd edition; Z.D.Jastrzebski, [Chichester, England: Wiley 1976, £8.00] 72707

The origin of the solar system; S.F.Dermott (editor/s), [Chichester, England: Wiley 1978, £28.50] 85865

The S-matrix; D.Iagolnitzer, [Amsterdam, Netherlands: North-Holland 1978, \$32.75] 54575

The Scientific Basis of Flocculation; K.J.Ives (editor/s), [Alphen aan den Rijn, Netherlands: Sijthoff & Noordhoff 1978, \$33.50] 92520

The spectrum in chemistry; J.E.Crooks, [London, England: Academic 1978, £6.50] 89556

Theory of thermoelasticity with applications; J.L.Nowinski, [Alphen aan den Rijn, Netherlands: Sijthoff & Noordhoff 1978] 79219

Thermodynamics of irreversible processes; B.H.Lavenda, [London, England: Macmillan 1978, £12.50] 54330

Treatise on materials science and technology, vol.10. Properties of solid polymeric materials. Pt.A; J.M.Schultz (editor/s), [New York, USA: Academic Press 1977, \$44.00] 83756 (introductory abstract), 83757, 84886

Treatise on materials science and technology, vol.11. Properties and microstructure; R.K.MacCrone (editor/s), [London, England: Academic Press 1977, \$47.50] 88442, 88470, 88533, 88547-8, 88617

Turbulence, 2nd corrected and updated edition; P.Bradshaw (editor/s), [Berlin, Germany: Springer-Verlag 1978] 90839

Unidirectional wave motions; H.Levine, [Amsterdam, Netherlands: North-Holland 1977, \$65.50] 77730

Variational methods in mathematics, sciences and engineering; K.Rektorys, [Dordrecht, Netherlands: Reidel 1977, \$49.00] 81809

Vibrational spectra and structure, vol.7; J.R.Durig (editor/s), [Amsterdam, Netherlands: Elsevier Sci. 1978, \$63.50] 78677-8, 78700-2

Vibrations and stability of multiple parameter systems; K.Huseyin, [Alphen aan den Rijn, Netherlands: Sijthoff & Noordhoff 1978, \$31.25] 93532

Vibrations and waves in physics; I.G.Main, [Cambridge, England: Cambridge 1978, £17.50] 54203

Wave propagation and underwater acoustics; J.Keller, J.Papadakis (editor/s), [Berlin, Germany: Springer-Verlag 1977, \$11.50] 90577

Waves in the ocean; P.H.LeBlond, L.A.Mysak, [Amsterdam, Netherlands: Elsevier 1978, \$98.50] 57219

Weak interactions; M.K.Gaillard, M.Nikolic (editor/s), [Paris, France: Institut National de Physique Nucleaire et de Physique des Particules 1977] 78133, 78160-4, 78171, 78173

CONFERENCE INDEX

Some conference proceedings are published in separate parts with individual titles. Where this occurs, they are listed under the main conference title.

Acoustical Society of America, 96th meeting; Honolulu, HI, USA, 25 Nov. - 1 Dec. 1978, (Acoust. Soc. America) [Fall 1978] 90545 (introductory abstract),

Acoustics, speech and signal processing; Tulsa, OK, USA, 10-12 April 1978, (IEEE) [New York, USA: IEEE 1978] 63242 (introductory abstract), 63251, 66780, 66969, 66971-84, 66987, 66992, 66995-6, 67088, 69112-15, 69243, 69267, 69549-52, 71242, 73010, 73324-6, 73552, 73642, 88701

Aerospace and electronics.I; Dayton, OH, USA, 16-18 May 1978, (IEEE; American Inst. Aeronautics and Astronautics) [New York, USA: IEEE 1978] 77646, 80912, 83198, 85376, 85460

Aerospace and electronics.II; Dayton, OH, USA, 16-18 May 1978, (IEEE; American Inst. Aeronautics and Astronautics) [New York, USA: IEEE 1978] 79061-4, 79142, 83022, 83323, 85752

AFIPS national conference 1978; Anaheim, CA, USA, 5-8 June 1978, (AFIPS) [Montvale, NJ, USA: AFIPS Press 1978] 96325-30, 96408

A^{III-B} optoelectronic devices; East Berlin, German Democratic Republic, 8-12 Nov. 1976, [1978] 91755 (introductory abstract), 91340, 91353, 91704-5, 91709, 91757-8, 91766, 91790-1, 92134, 92181, 92195

American Astronomical Society 152nd meeting; Madison, WI, USA, 26-28 June 1978, [1978] 96385 (introductory abstract),

American Nuclear Society Winter Meeting 1977; San Francisco, CA, USA, 27 Nov. - 2 Dec. 1977, [1977] 58315 (introductory abstract), 58375-80, 58405-69, 58505, 59640, 59661, 61451, 61550, 62606-7, 81961, 82066-7, 82090, 82407, 82423, 82443-53, 82479-87, 82502-4, 82513-16, 82525-9, 82551, 82587-9, 83508, 85265-74, 85330, 85375, 85443-5, 85459, 85501-5, 85740-6, 85778, 85780, 85821-4, 85895, 86236, 86576-7, 86583-626, 86647-51, 86667-9, 86689-92, 86760, 87280, 87640, 87687, 87707-11, 87717, 87721, 88472, 94101, 94110-17, 94147-54, 96078-80, 96105, 96232, 96250, 96290

American Vacuum Society National Symposium; Boston, MA, USA, 8-11 Nov. 1977, [March-April 1978] 72718 (introductory abstract), 70132-40, 70142-8, 70222, 70227-8, 70625-7, 70658, 71521, 71536-7, 71549, 71566, 71648-50, 71751, 71768-9, 71774-5, 71887-9, 71907-17, 71947-72, 72005-8, 72020-31, 72050, 72108,

72193, 72223-31, 72247, 72259, 72284, 72289, 72296-7, 72311, 72376, 72440, 72620-3, 72642-8, 72653, 72657-66, 72675, 72682-7, 72719-26, 72730-4, 72743, 72780-1, 72903-10, 72918-24, 72943-4, 73034, 73078-83, 73103-10, 73297, 75930, 76909

Antennas and propagation; Washington, DC, USA, 15-19 May 1978, (IEEE) [New York, USA: IEEE 1978] 62088, 62977-94, 63198-200, 65442

Astronomical Society of Australia; Melbourne, Australia, 30 May - 1 June 1977, [Sept. 1977] 69655 (introductory abstract), 69623, 69676-7, 69681, 69688-92, 69694, 69702-3, 69706, 69710, 69713-14, 69774-6, 69785-9, 69797-8, 69811-12, 69821-2, 69850, 69861, 69863, 69883-5, 69892, 69900-1, 69904, 69913-14, 69916

Atmospheric pollution 1978; Paris, France, 25-28 April 1978, M.M.Benarie (editor/s), [Amsterdam, Netherlands: Elsevier 1978, \$47.75] 81373 (introductory abstract), 77945, 80789-90, 80796, 81171, 81258-9, 81340-3, 81374-96, 81410, 81462-72

Atmospheric surface layer; Smolenice, Czechoslovakia, 18-21 Feb. 1974, [1978] 88873 (introductory abstract), 88920

Atomic physics in nuclear experiments; Haifa, Israel, 24-31 Aug. 1976, [Bristol, England: Adam Hilger 1977, £20.00] 70947 (introductory abstract), 70448, 70725, 70772, 70925-8, 70955, 70975, 71778-9, 72445, 72674

Attitude and orbit control systems; Noordwijk, Netherlands, 3-6 Oct. 1977, [Paris, France: European Space Agency 1977] 65480 (introductory abstract), 65481-6

Automation technology with microprocessors; Dusseldorf, Germany, 6-12 Oct. 1977, M.Syrbe, B.Will (editor/s), [Berlin, Germany: Springer-Verlag 1978] 92435

Autumn session of the Swiss Physical Society; Berne, Switzerland, 7-8 Oct. 1977, [18 May 1978] 72053 (introductory abstract), 70081, 70449, 70518, 71721, 71808, 71894, 72119, 72303, 72309-10, 72421, 72633-4, 72679, 73187

Aviation and astronautics; Tel Aviv, Israel, 2-3 May 1977, [1977] 81517 (introductory abstract), 80691, 81294, 81518

- Beams in accelerators and storage rings;** Erice, Sicily, 10-22 Nov. 1976, [Geneva, Switzerland: CERN 1977] 78878 (introductory abstract), 78528-31, 78543, 78879-89, 78892-4, 78897-90, 81537
- Biological effects of ^{224}Ra and thorotrast;** Alta UT, USA, 21-23 July 1974, [July 1978] 96068 (introductory abstract), 96069-76, 96085-6, 96089-94
- Biomedical techniques;** Stuttgart, Germany, 31 May - 3 June 1978, [May-June 1978] 80988 (introductory abstract), 80851, 80870, 80893, 80934, 80943-4, 80947-52, 80989-91, 81036-8, 81053, 81064-7, 81095, 85326-7, 85400-18, 85440-1, 85452, 88723, 88733-8, 88748-55, 88758-9, 88762-5, 89430, 92684-8, 92690-1, 92712-24, 92743, 92753-4, 96117
- Biosphere-atmospheric effects;** Mainz, Germany, 11-14 July 1977, [1978] 73461 (introductory abstract), 73398, 73404-5, 73462-78, 73514-17, 73534-6
- Cardiac defibrillation;** Lafayette, IN, USA, 19-21 Sept. 1977, [Jan.-Feb. 1978] 57047 (introductory abstract), 57048-56, 57120
- Cardiac pacemaker reliability technology;** Gaithersburg, MD, USA, 19-20 July 1976, H.A.Schaff (editor/s), [Washington, DC, USA: Nat. Bur. Standards 1977] 57129 (introductory abstract), 56058, 57130-5
- Cardiology, computer applications;** Rotterdam, Netherlands, 29 Sept. - 1 Oct. 1977, (IEEE; American Heart Assoc.; Dutch Heart Foundation; et al.) [New York, USA: IEEE 1977] 81013 (introductory abstract), 80937-42, 80957-64, 81014-34, 81044-52, 81057-60, 85295, 85302, 85331, 85426-38, 85447-9, 88757, 88761
- Centralised control systems;** London, England, 20-23 March 1978, (IEE) [London, England: IEE 1978] 86679
- CERN-JINR School of Physics 1977;** Nafplion, Greece, 22 May - 4 June 1977, [Geneva, Switzerland: CERN 1977] 81726 (introductory abstract), 82118-19, 82162-3, 82202
- Chemical data and plants computer analysis;** Espoo Korpilampi, Finland, 9-10 June 1977, [Princeton, NJ, USA: Science Press 1978] 81953
- Circuits, systems and computers;** Pacific Grove, CA, USA, 7-9 Nov. 1977, (Univ. Santa Clara; Naval Postgraduate School; IEEE) [New York, USA: IEEE 1978] 63038, 64920, 69266
- Clever optics;** San Diego, CA, USA, 25-26 Aug. 1977, (Soc. Photo-Optical Instrumentation Engr(s)) N.Balasubramanian, J.C.Wyant (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engr(s) 1977] 58899 (introductory abstract), 57897-9, 58020-2, 58028, 58086, 58954-8, 59075, 59119, 59160, 59168-9, 61240, 61274, 61296, 61715, 65102
- Colour;** Troy, NY, USA, 10-15 July 1977, F.W.Billmeyer, G.Wyszecki (editor/s), [Bristol, England: Adam Hilger Ltd 1978] 49882 (introductory abstract), 49625, 49883-4, 53402-10, 53414, 54424-33, 54490, 56982, 56995-7007
- Communication, ICC 78.I;** Toronto, Canada, 4-7 June 1978, (IEEE) [New York, USA: IEEE 1978] 71231
- Communication, ICC 78.II;** Toronto, Canada, 4-7 June 1978, (IEEE) [New York, USA: IEEE 1978] 77131
- Communications equipment and systems;** Birmingham, England, 4-7 April 1978, (IEE) [London, England: IEE 1978] 92748, 94478
- Communications EUROCON '77;** Venice, Italy, 3-7 May 1977, (IEEE; EUREL; URSI) [New York, USA: IEEE 1977] 53552 (introductory abstract)
- Communications EUROCON 77.I;** Venice, Italy, 3-7 May 1977, (IEEE; EUREL; URSI) [New York, USA: IEEE 1977] 50717, 50836, 50941-2
- Communications, EUROCON '77.II;** Venice, Italy, 3-7 May 1977, (IEEE; EUREL; URSI) [New York, USA: IEEE 1977] 56948, 56956, 57035, 57045, 57069-71, 57101-10, 57115-19, 57122, 57125-8
- Compound semiconductor interfaces;** Los Angeles, CA, USA, 17-20 Jan. 1978, (American Vacuum Soc., Office Naval Res.) [July-Aug. 1978] 91756 (introductory abstract), 91514-19, 91534-5, 91562, 91741-5, 91767, 92149, 92170, 95188, 95227, 95239-40, 95244, 95319-20, 95339-50, 95356-68, 95370-5, 95613, 95651, 95824-6, 95950, 95980
- Computer simulation;** Chester, England, 4-6 April 1978, (UKSC) [Guildford, England: IPC Sci. Technol. Press 1978, \$57.00] 64970, 65073-4
- Computerised instrumentation;** Gaithersburg, MD, USA, 12-13 June 1978, (IEEE) [New York, USA: IEEE 1978] 70104 (introductory abstract), 70176, 71545, 73127-8, 73283
- Computerised process control;** The Hague, Netherlands, 14-17 June 1977, (IFAC) H.R.Van Nauta Lemke, H.B.Verbruggen (editor/s), [Amsterdam: North-Holland 1977, \$81.75] 49808 (introductory abstract), 50251, 50291, 53563, 53603, 54865
- Crystallisation and fusion of polymers;** Louvain-la-Neuve, Belgium, 8-11 June 1978, [1977] 51429 (introductory abstract), 51430-6
- Data extraction and classification from film;** San Diego, CA, USA, 23-24 Aug. 1977, (Soc. Photo-Optical Instrumentation Engr(s)) R.D.Leighy (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engr(s) 1977] 63023 (introductory abstract), 62218, 62260, 63024-37
- Defects in insulating crystals;** Gatlinburg, TN, USA, Oct. 1977, [1978] 63755 (introductory abstract), 63763, 63787, 63877-8, 63960, 63991, 64006, 64015
- Detection, diagnosis and prognosis;** Chicago, IL, USA, 17-19 May 1977, (Nat. Bur. Standards; Office Naval Res.; et al.) T.R.Shives, W.A.Willard (editor/s), [Washington, DC, USA: Nat. Bur. Standards 1977] 57426
- Digital image processing and analysis;** Bonas, France, 14-25 June 1976, J.C.Simon, A.Rosenfeld (editor/s), [Groningen, Netherlands: Noordhoff 1977] 58927 (introductory abstract), 58098, 58928-42, 61152-3, 61190, 61256, 61626-33
- Digital image processing applications;** San Diego, CA, USA, 25-26 Aug. 1977, (Soc. Photo-Optical Instrumentation Engrs.) A.G.Tescher (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1977] 81528 (introductory abstract), 78054, 78951-2, 80955-6, 81043, 81257, 81461, 81548, 81554-6
- Distributed parameter system modelling and identification;** Rome, Italy, 21-24 June 1976, A.Ruberti (editor/s), [Berlin, Germany: Springer-Verlag 1978, \$18.50] 66779, 69391-2, 71532
- Earth's magnetopause;** Amsterdam, Netherlands, 7-10 Sept. 1976, [March 1978] 57405 (introductory abstract), 57406, 59608, 61667-80
- Eastern Mediterranean;** Haifa, Israel, 30 Aug. - 4 Sept. 1976, [20 April 1978] 69306 (introductory abstract), 69299-300, 69307-11, 69318-20, 69322, 69347
- Education;** Urbana-Champaign, IL, USA, 24-26 Oct. 1977, (IEEE; ASEE) L.P.Grayson, J.M.Biedenbach (editor/s), [New York, USA: IEEE 1977] 81779 (introductory abstract), 81780
- Electrical and electronics conference;** Toronto, Canada, 26-28 Sept. 1977, (IEEE) [New York, USA: IEEE 1977] 53549-51, 53557, 53562, 53602
- Electrical contact phenomena;** Tokyo, Japan, 22-26 Aug. 1976, [March 1978] 64098
- Electrical contacts;** Chicago, IL, USA, 1-3 Nov. 1977, (Illinois Inst. Technol.; et al.) [March 1978] 68072
- Electrical insulation;** Pittsburgh, PA, USA, 10 May 1978, (Westinghouse Electric Corp.) [Aug. 1978] 83631-2, 84523-4
- Electrical transport and optical properties of inhomogeneous media;** Columbus, OH, USA, 7-9 Sept. 1977, [1978] 56114 (introductory abstract), 55271, 56073, 56115-21, 56128-31, 56175, 56240-1, 56269, 56414-15, 56422, 56442-7, 56463-7, 56496, 56501, 56528-32, 59926, 60097-100, 60104, 60108-9, 60243, 60249, 60252, 60286, 60315
- Electrohydrodynamics;** Fort Collins, CO, USA, 16-18 Jan. 1978, [Sept. 1978] 87402 (introductory abstract), 86099, 86370, 86378, 86682, 87234-5, 87239-42, 87403-14, 87422, 87833, 87845-6, 88253-4, 88639-42, 88660, 88695, 88699, 88933
- Electromagnetic compatibility;** Guildford, England, 4-7 April 1978, [London, England: Instn. Electronic & Radio Engr(s) 1978] 80973
- Electromagnetic compatibility, 1978;** Atlanta, GA, USA, 20-22 June 1978, (IEEE) [New York, USA: IEEE 1978] 82876 (introductory abstract), 82885-6, 82893, 85389, 86990, 86999-7000, 88769-71, 89034, 89042
- Electron density mapping in molecules and crystals;** Rehovot, Israel, 18-28 April 1977, (Bat-Sheva de Rothschild Foundation) [1977] 71622 (introductory abstract), 70731, 70742, 70763, 70889, 71623-4, 71630-9, 71694-6, 72432, 74722
- Electron devices;** Washington, DC, USA, 5-7 Dec. 1977, (IEEE) [New York, USA: IEEE 1977] 49906, 50778, 50803-4, 52075, 52101, 55358
- Electron diffraction;** London, England, 19-21 Sept. 1977, P.J.Dobson, J.B.Pendry, C.J.Humphreys (editor/s), [Bristol, England: Inst. Physics 1978, \$49.00] 83657 (introductory abstract), 83658-94, 83696-701, 83721, 83758, 83765, 83780-1, 83822-4, 83829, 83849, 83852, 83854, 83860, 84038-9, 84074-5, 84110, 84688-9, 87595-7, 87680
- Electron, ion and photon beam technology;** Palo Alto, CA, USA, 25-27 May 1977, [May-June 1978] 74827 (introductory abstract), 74102, 74828-36, 75683-4, 76589, 76779, 78043, 78051, 80660-1, 82899, 84089
- Electron spectroscopy;** Uppsala, Sweden, 9-12 May 1977, [Nov.-Dec. 1977] 53297 (introductory abstract), 50464-5, 50497, 50517, 50522-4, 50536-7, 50576-90, 50654, 50666, 52603, 52612, 52630-40, 53037, 53254, 53298-301, 53339
- Electronic and atomic collisions;** Paris, France, 21-27 July 1977, (IUPAP; et al.) G.Watel (editor/s), [Amsterdam, Netherlands: North-Holland 1978, \$86.95] 58758 (introductory abstract), 58760-1, 58803, 58829-34, 58841-3, 58849-53, 59844, 62762, 62770, 62772-3, 62865, 62897-911, 62913-14, 62918, 62930, 63098, 63538, 64832, 66524, 66661, 66673
- Electronic components;** Anaheim, CA, USA, 24-26 April 1978, (IEEE) [Sept. 1978] 90508, 91793
- Electronic components;** Anaheim, CA, USA, 24-26 April 1978, (IEEE) [New York, USA: IEEE 1978] 71229-30
- Electronic properties of two-dimensional systems;** Berchtesgaden, Germany, 19-22 Sept. 1977, 59988, 60005-7, 60063, 60071-3, 60079-80, 60181-3, 60185, 60210-31, 60258, 63912-13, 63921, 63981, 63993, 63996-7, 64055, 64080-8, 64104, 64123-38, 64349, 64362-4, 64381
- Electronic transition lasers;** Snowmass Village, CO, USA, 7-10 Sept. 1976, L.E.Wilson, S.N.Suchard, J.I.Steinfeld (editor/s), [London, England: MIT Press 1977] 63076 (introductory abstract), 62239, 62876, 63057-60, 63077-97, 63103-17, 66811-13, 66815-19
- Electronics for resources management;** Alamogordo, NM, USA, 12-14 April 1978, (IEEE) [New York, USA: IEEE 1978] 69541 (introductory abstract), 65939, 69459, 69466, 69542-8
- Electrotechnology in precision engineering;** Dresden, Germany, 1978, [May 1978] 87661, 88587
- Energy;** Tulsa, OK, USA, 16-18 April 1978, (IEEE) [New York, USA: IEEE 1978] 62661-2
- Environmental measurement;** Gaithersburg, MD, USA, 20-24 Sept. 1976, (Nat. Bur. Standards) W.H.Kirchhoff (editor/s), [Washington, D.C., USA: Nat. Bur. Standards 1977] 69504 (introductory abstract), 65904, 65912, 66012, 68967-75, 69371, 69388-90, 69430-5, 69445, 69465, 69505-33, 73549
- Ferroelectricity;** Novosibirsk, USSR, 30 Aug. - 3 Sept. 1976, [1977] 76393 (introductory abstract), 74848, 74947, 74954, 75823, 76006, 76394-6, 76398-403, 76420, 76426-32, 76441-2, 76508, 76595
- Ferroelectricity;** Novosibirsk, USSR, 30 Aug. - 3 Sept. 1976, [1977] 91374, 91525, 94416, 95215, 95549-50, 95555, 95558-60, 95570-2, 95574-5
- Final control elements;** Anaheim, CA, USA, 2-4 May 1977, (ISA) [Pittsburgh, PA, USA: ISA 1977] 50287-9
- Finite elements in water resources;** London, England, July 1978, C.A.Brebbia, W.G.Gray, G.F.Pinder (editor/s), [London, England: Pentech Press 1978] 92867 (introductory abstract), 89320, 90819-23, 90888-9, 90964, 91011-12, 92670, 92846-51, 92868-81, 92956, 93017-19
- Fourier transform IR spectroscopy;** Columbia, SC, USA, 20-24 June 1977, [1 May 1978] 58067 (introductory abstract), 57722, 58060, 58068-72, 58870, 61091-2, 61564, 61747
- Frequency control;** Atlantic City, NJ, USA, 1-3 June 1977, (US Army Electronics Command; Electronics Technol. Devices Lab.) [Washington, DC, USA: Electronic Industries Assoc. 1977] 57905 (introductory abstract), 57906-15, 57934, 58968-72, 59031, 59055-6, 59206-7, 59226, 59245-55, 59854, 60018-19, 60398, 60562
- Fusion research engineering problems;** Knoxville, TN, USA, 25-28 Oct. 1977, (IEEE; American Nuclear Soc.; et al.) [New York, USA: IEEE 1977] 50342 (introductory abstract)
- Fusion research engineering problems.I;** Knoxville, TN, USA, 25-28 Oct. 1977, (IEEE; American Nuclear Soc., et al.) M.S.Lubell, C.Whitmire (editor/s), [New York, USA: IEEE 1977] 50343-87, 54881-5020, 55382, 55730, 55743, 55760, 58494-8
- Fusion research engineering problems.II;** Knoxville, TN, USA, 25-28 Oct. 1977, (IEEE; American Nuclear Soc.; et al.) M.S.Lubell, C.Whitmire (editor/s), [New York, USA: IEEE 1977] 50388-407, 54382, 55021-38, 55744, 62609-60, 64173-5, 64582, 64609-11, 64652, 66366-423, 66429, 66443, 66854, 67018, 67386, 68844, 70630-43, 74475-99, 75455-6

- Gas discharges;** Liverpool, England, 11-14 Sept. 1978, (*IEE*) [London, England: IEE 1978] 87521 (introductory abstract), 86388, 86981, 87092, 87117, 87433, 87435, 87448, 87466, 87497-9, 87507, 87522-88, 88410, 88691, 88899-900, 88909
- Grain and phase boundaries between crystals;** Konigstein, Germany, 5-7 Oct. 1977, [March 1978] 72762 (introductory abstract), 71848-9, 71857, 72013, 72375, 72747, 72754, 72756, 72772, 72774, 72778, 72795-6, 72811-12, 73046
- Handling of radiation accidents;** Vienna, Austria, 28 Feb. - 4 March 1977, (*IAEA; OECD*) [Vienna, Austria: IAEA 1977] 53518 (introductory abstract), 50283-6, 50411-12, 53514-15, 53519-32, 55047-55, 57074-84
- Heat transfer;** Toronto, Canada, 7-11 Aug. 1978, (*Nat. Res. Council Canada, et al.*) [Washington, DC, USA: Hemisphere Publishing Corp. 1978] 90624 (introductory abstract),
- Heat transfer.I;** Toronto, Canada, 7-11 Aug. 1978, (*Nat. Res. Council Canada, et al.*) [Washington, DC, USA: Hemisphere Publishing Corp. 1978] 89951, 90637, 90647-68, 90696-7, 90862, 90890-908, 90958, 90982-1003, 94525-30, 94587-8, 94805-11, 94854, 94870
- Heat transfer.II;** Toronto, Canada, 7-11 Aug. 1978, (*Nat. Res. Council Canada, et al.*) [Washington, DC, USA: Hemisphere Publishing Corp. 1978] 93632-5, 93689, 94077, 94120, 94141, 94531, 94538-61, 94567, 94589, 94688-733, 94752, 94768, 94793-4, 94812, 94817, 94855-6, 95148, 95930, 95967
- Heat transfer.III;** Toronto, Canada, 7-11 Aug. 1978, (*Nat. Res. Council Canada, et al.*) [Washington, DC, USA: Hemisphere Publishing Corp. 1978] 93678, 94078, 94246, 94366, 94389, 94505-6, 94508-23, 94532-5, 94562-3, 94568-79, 94581-4, 94590, 94734-8, 94830, 94846-8, 94872-4, 94881, 94888-9, 95133-4, 95199, 95291, 95990, 96063, 96253, 96331
- Heat transfer.V;** Toronto, Canada, 7-11 Aug. 1978, (*Nat. Res. Council Canada, et al.*) [Washington, DC, USA: Hemisphere Publishing Corp. 1978] 94079-100
- High pressure physics and technology;** Moscow, Russia, 26-31 May 1975, [1977] 51611 (introductory abstract), 49847-58, 49943, 51135, 51266-7, 51459-60, 51493, 51553-4, 51560, 51642, 51648, 51664-9, 51678-9, 51695-7, 51831, 51859, 51886, 52040, 52212, 52238, 52246-7, 52339, 52345, 52382-7, 52418, 52452-3, 52532, 52541, 52702, 52717, 52758-9, 52776-7, 52797, 52906-7, 52944, 53047, 53199, 54384-5, 55534, 55708, 55869-70, 55903, 56596, 56679, 56694-6
- Higher energy polarised proton beams;** Ann Arbor, MI, USA, 18-27 Oct. 1977, [1978] 58514 (introductory abstract), 58164, 58203, 58515-19
- Human factors;** San Francisco, CA, USA, 17-20 Oct. 1977, A.S.Neal, R.F.Palasek (editor/s), [Santa Monica, CA, USA: Human Factors Society 1977, \$15.00 members, \$20.00 non-members] 53558, 53583
- Hyperfine interactions;** Madison, NJ, USA, 13-17 June 1977, [Jan.-Feb. 1978] 51950-1, 52388
- Imaging system assessment;** London, England, 16-18 Nov. 1976, (*Soc. Photo-Optical Instrumentation Engr(s).*) T.L.Williams (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engr(s). 1977] 50718 (introductory abstract), 49937-8, 50719-29, 50897-900, 53415-17
- Industrial applications of microprocessors;** Philadelphia, PA, USA, 20-22 March 1978, (*IEEE*) [New York, USA: IEEE 1978] 81012
- Inelastic electron tunnelling spectroscopy;** Columbia, MO, USA, 25-27 May 1977, T.Wolfram (editor/s), [Berlin, Germany: Springer-Verlag 1978] 90254 (introductory abstract), 90255-61, 91527, 91779, 92440, 92512, 92588-9, 92770-1
- Inertial confinement fusion;** San Diego, CA, USA, 7-9 Feb. 1978, (*Optical Soc. America; Quantum Electronics Council*) [Washington, DC, USA: Optical Soc. America 1977] 49907, 50299-341, 50813-20, 51288, 51312-13, 51325-9, 51357-66, 58019, 58093, 58473-93, 58717, 58974, 58979, 58996-7, 59002-3, 59032-43, 59057, 59066-7, 59071-3, 59086-7, 59095-6, 59557, 59559, 59641, 59663-4, 59685-6, 60859-63, 60883, 62608, 63073-5, 63101-2, 63134-6, 63149
- Infrared technology;** London, England, 9-10 June 1977, W.D.Lawson (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1977] 58042 (introductory abstract), 58043, 58074, 59150, 61279-80, 61737-8
- Iodine stabilised He-Ne lasers;** Germany, 10-11 Feb. 1977, [Braunschweig, Germany: Physikalisch-Technische Bundesanstalt 1977] 87069 (introductory abstract), 86326, 86965, 87070-5, 87083-4, 87088-90
- Ionized gases;** Berlin, German Democratic Republic, 12-17 Sept. 1977, (*IUPAP*) [Leipzig, German Democratic Republic: Phys. Soc. German Democratic Republic 1977] 63615 (introductory abstract),
- Ionized gases.I;** Berlin, German Democratic Republic, 12-17 Sept. 1977, (*IUPAP*) [Leipzig, German Democratic Republic: Phys. Soc. German Democratic Republic 1977] 58620, 58804, 58816, 58844-5, 58854, 59540-2, 59545-6, 59687, 59711-16, 60538, 62919, 62936, 63532-4, 63544, 63549, 63574, 63591-8, 63603, 63616-34, 64441, 64833-5, 64890, 65913, 66491, 66508, 66513-14, 66674, 66800, 66814, 67324-8, 67332-3, 67387, 67406, 67422-39, 67444, 67469-587, 68631-3, 68931, 69436, 70946
- Ionized gases.II;** Berlin, German Democratic Republic, 12-17 Sept. 1977, (*IUPAP*) [Leipzig, German Democratic Republic: Phys. Soc. German Democratic Republic 1977] 66879, 67588-606, 71078, 71080, 71089-93, 71425-6, 71428, 71433-8, 71447-57, 71460-1, 71480-1, 71484, 71492-3, 71497-9, 71505-10, 71514, 71516, 71530, 71533, 71554-9, 71576-620, 74107, 74501-2, 74527, 74545, 74884-5, 75260, 75265, 75281, 75305-33, 75338-42, 75344, 75350-5424-8, 75438-9, 75457-79, 77419
- Ionized gases.III;** Berlin, German Democratic Republic, 12-17 Sept. 1977, (*IUPAP*) [Leipzig, German Democratic Republic: Phys. Soc. German Democratic Republic 1977] 74500, 74892-3, 75273-4, 75334, 75360, 75387-8, 75429, 75440, 75480-4, 76863-5, 77440
- IR technology;** San Diego, CA, USA, 25-26 Aug. 1977, (*Soc. Photo-Optical Instrumentation Engrs.*) I.J.Spiro (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1977] 77984 (introductory abstract), 77985-92, 81455-60, 81542-5, 81553, 81560, 81588
- Laser and electrooptical systems;** San Diego, CA, USA, 7-9 Feb. 1978, (*IEEE; Optical Soc. America*) [New York, USA: IEEE 1978] 50765, 50805-10, 50837, 50846, 50870, 50875-7, 50950, 53765, 53792-3, 54488, 55040, 55211, 55257, 55380-1, 55399, 56589, 56826, 56947, 57369-73, 57428, 57916, 58018, 58041, 58057, 58995, 59029-30, 59065, 59529-30, 60975, 61132-4, 61263-4
- Laser engineering advances;** San Diego, CA, USA, 25-26 Aug. 1977, (*Soc. Photo-Optical Instrumentation Engr(s).*) M.L.Stitch, E.J.Woodbury (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engr(s). 1977] 59017 (introductory abstract), 57896, 58953, 59018, 59044-7, 59068, 59074, 59088-92, 59097, 59155-9, 60976-7, 63206
- Laser Spectroscopy;** San Diego, CA, USA, 23-24 Aug. 1977, (*Soc. Photo-Optical Instrumentation Engrs*) A.H.Zewail (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs 1977] 82052 (introductory abstract), 82053-6, 82060-1, 82703, 82757, 82790, 82797, 82988, 84655, 85185, 85282, 85294, 86350
- Laser spectroscopy;** Jackson Lake Lodge, WY, USA, 4-8 July 1977, J.L.Hall, J.L.Carlsen (editor/s), [Berlin, Germany: Springer-Verlag 1977, \$29.50] 82666 (introductory abstract), 81952, 82696-7, 82701, 82707-11, 82733-4, 82798-801, 82804, 82867-9, 85859, 86802, 86814, 86825, 86837, 86871, 86902, 86973-80, 87046, 87103-4, 87110, 88951, 89446-52, 89557-61, 89570, 90103, 90129, 90138, 90196-7, 90210, 90245, 90249-50, 90285, 90320-1, 90406, 90413, 90420, 90428, 90460, 90528, 92492
- Laser technology for atmospheric sciences;** San Diego, CA, USA, 25-26 Aug. 1977, (*Soc. Photo-Optical Instrumentation Engrs.*) J.Trolinger, W.W.Moore (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1977] 85748 (introductory abstract), 81946, 82914, 82935-6, 83015, 85677, 85695-7, 85749-51
- Lattice dynamics;** Paris, France, 5-9 Sept. 1977, M.Balkanski (editor/s), [Paris, France: Flammarion Sciences 1978] 59869 (introductory abstract), 59851, 59859, 59870-2, 59874-80, 59885-909, 59913, 59919-22, 59930, 60457-73, 60481-2, 63822-4, 63834-5, 63867, 64007, 64312, 64366-70, 67779, 67790-4, 67899, 68517-20, 68562, 71738, 71817, 71823-4, 71925, 71928-41, 72091, 72530-1, 75739, 75744-6, 75757-68, 75770-1, 75774-80, 75782-90, 75793-8, 75866, 75875, 75922-4, 75946, 76416, 76472-9, 76486, 76506-7, 79542, 79673-4, 79679-81, 79690-700, 79703-4, 79710-11, 79716-34, 79748, 79769-72, 79809-10, 80091, 80240, 80302-8, 80344-63, 80369-71, 83771, 83892-3, 83898, 83903-5, 83923, 83985, 84538-40, 84591, 84807, 87646
- Lighter nuclei: structure;** Hvar, Yugoslavia, 8-13 May 1978, [1978] 74298 (introductory abstract), 74307, 74313-14, 74319, 74327-9, 74336, 74343, 74353-4, 74372, 74378-9, 74384-9
- Liquid crystals, smectic and lyotropic;** Trento, Italy, 9-13 Jan. 1978, (*European Phys. Soc.*) [1978] 91222 (introductory abstract), 91223-38, 91436, 92513, 92592-4, 92600-1, 94968-87, 95104, 95135-43, 95997
- Low energy ion beams;** Salford, England, 5-8 Sept. 1977, K.G.Stephens, J.H.Wilson, J.L.Moruzzi (editor/s), [Bristol, England: Inst. Physics 1978, \$44.00] 66444 (introductory abstract), 65999-6009, 66437, 66445-6, 66449
- Magnetic alloys and oxides;** Haifa, Israel, 15-18 Aug. 1977, [Jan.-Feb. 1978] 52183 (introductory abstract), 50674, 51421, 51694, 51893-5, 52041, 52139-40, 52190-2, 52198, 52208-9, 52214-21, 52228-30, 52236, 52243, 52251-5, 52265-84, 52300-1, 52306-9, 52315, 52317-18, 52324-5, 52330-2, 52348-9, 52359, 52371, 52398-407, 52487, 52622-3
- Magnetic materials and devices;** Florence, Italy, 9-12 May 1978, [Sept. 1978] 91833 (introductory abstract), 90340-2, 91862-3, 91884, 91886-905, 91907, 91909-13, 91916-18, 92204-5, 92237, 92515, 93738-9, 94350, 94352-7, 94928, 94997, 95399, 95404, 95406, 95413, 95419-21, 95424-6, 95429-30, 95454-64, 95466-77, 95480-1, 95483-92, 95495-9, 95502-3, 95523, 95577-80, 95595, 95649, 95698, 95703
- Magnetic resonance;** Banff, Canada, May 1977, (*Internat. Soc. Magnetic Resonance*) [Feb. 1978] 68357 (introductory abstract), 65810, 65948-9, 67994, 68358, 68361, 68381, 68405, 68410, 68412, 68998-9, 69004, 69018, 69172-3
- Magnetic resonance;** Banff, Canada, May 1977, (*Internat. Soc. Magnetic Resonance*) [May 1978] 86312, 86787, 86842, 86889, 86891-4, 86897, 86940, 88174, 88208, 88221, 88694, 88698
- Magnetic resonance in condensed matter;** Pula, Yugoslavia, 13-23 Sept. 1976, (*The Ampere Group; European Phys. Soc.; Internat. Soc. Magnetic Resonance*) [Ljubljana, Yugoslavia: J. Stefan Inst. 1977] 76293 (introductory abstract), 73887, 74043-5, 75552, 75805, 75820, 76265-6, 76297, 76323-6, 76343-4, 76348-9, 76352-4, 76414-15, 84476
- Magnetism and magnetic materials;** Minneapolis, MN, USA, 8-11 Nov. 1977, (*American Inst. Physics; IEEE*) [March 1978] 64176 (introductory abstract), 62210, 63240, 63946-7, 64033-4, 64213-17, 64222-4, 64230-9, 64244, 64249-55, 64469, 64493, 64881, 64903, 66852, 66904, 67686, 67722, 67857, 67919, 67935, 67939, 67973, 67985-91, 68005, 68008, 68014-19, 68029, 68039, 68058, 68094-5, 68099, 68112, 68125, 68127, 68129-32, 68135-6, 68139-42, 68149-55, 68157-9, 68162-74, 68177-92, 68194-204, 68208-11, 68215-24, 68228-34, 68236-74, 68287-9, 68295-301, 68304-11, 68315-35, 68344-53, 68356, 68369-71, 68384-9, 68391-2, 68396-400, 68403, 68409, 68421-8, 68438, 68482-5, 68490-3, 68527-8, 68543, 68599, 68607, 68616, 68627, 68638-40, 68707, 68766, 68838, 72381, 73202
- Mass spectrometry of natural products;** Rehovot, Israel, 28 Aug. - 2 Sept. 1977, [1978] 88681 (introductory abstract), 86966, 86972
- Materials requirements of unconventional energy systems;** Niagara Falls, USA, 22 Sept. 1976, [Feb. 1978] 50255 (introductory abstract), 50256-7, 52720, 52764, 52799-800, 52812-13, 52924, 52977-81, 53012
- Mathematical biology meeting;** Philadelphia, PA, USA, 19-21 Aug. 1976, [1978] 53311 (introductory abstract), 53434-5
- Medical applications of optical instrumentation;** Boston, MA, USA, 25-27 Sept. 1977, (*Soc. Photo-Optical Instrumentation Engr(s).*) J.E.Gray, W.R.Hendee (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engr(s). 1977] 69184 (introductory abstract), 69168-71, 69185-216, 69247-9, 71050, 73181-2, 73229-39
- Membrane science;** Ravenna, Italy, 23-27 May 1977, [May 1978] 76911 (introductory abstract), 76903, 76912-23, 77028-31
- Microbalance techniques;** Boston, MA, USA, 8-11 Nov. 1977, [March-April 1978] 65905 (introductory abstract), 65906-9, 65946, 67905, 68953
- Microchemical techniques;** Davos, Switzerland, 22-27 May 1977, [1978] 85254 (introductory abstract), 81736, 81784-5, 85255-6, 88679-80
- Microwave symposium;** Ottawa, Canada, 27-29 June 1978, (*IEEE*) [New York, USA: IEEE 1978] 87159-65, 90347, 90414, 91158, 91923, 93016, 93116, 96323-4

- Molecular spectroscopy;** Wroclaw, Poland, 12-16 Sept. 1977, [May 1978] 62951 (introductory abstract), 62229, 62240-2, 62733, 62782, 62794, 62800-1, 62811-13, 62828, 62852, 62869, 62884, 62952-4, 63985-6, 64386, 64401-2, 64924, 64935-8, 65156
- Molecular spectroscopy;** Wroclaw, Poland, 12-16 Sept. 1977, [May 1978] 62707, 62783-90, 62802-3, 62829, 62831, 62842, 62853-4, 62940, 62947, 63650-1, 63658, 63669-70, 63816, 64259, 64265, 64272, 64351-6, 64378, 64403-7, 64826
- Molecular spectroscopy;** Wroclaw, Poland, 12-16 Sept. 1977, [May 1978] 58051-2, 58653, 58664, 58694-7, 58736-7, 58747, 58767, 58772, 58789, 60344-5, 60436, 60478, 61144, 62230, 62804-5, 62821, 62835, 63152, 63640, 64357-8
- Multiphase polymer systems;** Akron, OH, USA, 19-21 May 1976, [1977] 91262 (introductory abstract), 90329, 91263-71
- Nonaqueous solutions;** Leeds, England, 5-9 July 1976, [1977] 73036 (introductory abstract), 72514, 73017, 73037-40
- Nonlinear dynamics;** La Jolla, CA, USA, 27-29 Dec. 1977, [1978] 93603 (introductory abstract), 93510, 93512, 93520-4, 93535, 93604-8, 93825, 94629
- Nuclear collisions and their [microscopic description];** Bled, Yugoslavia, 26 Sept. - 1 Oct. 1977, [1977] 50136 (introductory abstract), 50137, 50149, 50188, 54664-5, 54698-9, 54704-7, 54709-10, 54726-7, 54729, 54780-1
- Nuclear interactions of strange particles and baryon resonances;** Warsaw, Poland, 18-22 Oct. 1976, [1977] 70406 (introductory abstract), 70377, 70407-8, 70977-8
- Nuclear physics;** Mikolajki, Poland, 30 Aug. - 11 Sept. 1977, [1978] 86461 (introductory abstract), 86464, 86471, 86474-5, 86480, 86490, 86506, 86519, 86523, 86525, 86535, 86542-4, 86556
- Nuclear power plant construction, operation, and development;** Tokyo, Japan, 25-29 Sept. 1978, (*American Nuclear Soc.; Atomic Energy Soc. Japan; Canadian Nuclear Assoc.*) [1978] 86672 (introductory abstract), 86578-9, 86627-8, 86652-63, 86670, 86673-7
- Nuclear quadrupole resonance;** Osaka, Japan, Sept. 1977, [June 1978] 91980 (introductory abstract), 91981-4, 91993
- Nuclear structure;** Tokyo, Japan, 5-10 Sept. 1977, (*Internat. Union Pure & Appl. Phys.; Sci. Council Japan; Phys. Soc. Japan*) [1978] 50059 (introductory abstract), 50002, 50060-6, 50093-4, 50098, 50107-10, 50114, 50116-17, 50126-7, 50132, 50142, 50154, 50158-60, 50183-5, 50189-98, 54641-3, 54666-73, 54679-80, 54682-4, 54691-2, 54694, 54700-1, 54711-12, 54714-15, 54719, 54723, 54730, 54732-3, 54739-40, 54751-5, 54767-9, 54774-5, 54782-95, 54802, 55056, 55058, 62665
- Nucleon-nucleon interactions;** Vancouver, Canada, 1 July 1977, (*Nat. Res. Council Canada; et al.*) [1978] 62418 (introductory abstract), 62337, 62352-3, 62401, 62419-38, 62457, 62459-60, 62525, 62544, 62576, 62669, 62674, 66048, 66096, 66139-40, 66155, 66216-17, 66224
- Numerical methods for differential equations and simulation;** Blacksburg, VA, USA, 9-11 March 1977, A.W.Bennett, R.Vichnevetsky (editors), [Amsterdam, Netherlands: North-Holland 1978, \$26.00] 71336, 73402, 75145
- Numerical modelling applications;** Southampton, England, 11-15 July 1977, C.A.Brebbia (editors), [London, England: Pentech Press 1978, £18.00] 77285 (introductory abstract), 73834, 73860, 73863, 75082, 75094, 75144, 75151, 77091, 77267-73, 77286-91, 77315, 77375, 79304, 79312, 79333, 79366, 80911, 81207, 81260-3, 81397-9
- Optical polarimetry;** San Diego, CA, USA, 23-24 Aug. 1977, (*Soc. Photo-Optical Instrumentation Engrs.*) R.M.A.Azzam, D.L.Coffeen (editors), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1977] 54437 (introductory abstract), 54421, 54438-42, 54466, 54476, 55419, 56452, 56537, 56874, 56902, 56954, 57320, 57429, 57453-4, 57469, 58010-11, 58058-9, 58918, 60285, 61561, 61625, 61740-1, 61745
- Optical production technology advances;** London, England, 18-19 Jan. 1977, (*Soc. Photo-Optical Instrumentation Engrs.*) T.L.Williams (editor), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1977] 50954 (introductory abstract), 50873, 50889-90, 50955-64
- Optical signal and image processing;** San Diego, CA, USA, 23-24 Aug. 1977, (*Soc. Photo-Optical Instrumentation Engrs.*) D.Casasent (editor), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1977] 74853 (introductory abstract), 74854-8, 74868-9, 75018-19, 78935-8, 78970, 79137
- Optical storage materials and methods;** San Diego, CA, USA, 25-26 Aug. 1977, (*Soc. Photo-Optical Instrumentation Engrs.*) L.Beiser, D.Chen (editors), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1977] 71171 (introductory abstract), 70208-12, 71065-6, 71135-6, 71172-6, 71248
- Optical techniques in magnetic resonance spectroscopy;** Dublin, Ireland, 29 Aug. - 1 Sept. 1977, [1978] 79928, 80216, 80251-6, 80342
- Optics applied to solar energy conversion;** San Diego, CA, USA, 23-24 Aug. 1977, (*Soc. Photo-Optical Instrumentation Engrs.*) R.Winston, A.I.Mavsky (editor), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1977] 50891 (introductory abstract), 50892-6, 52076
- Optics in adverse environments;** San Diego, CA, USA, 25-26 Aug. 1977, (*Soc. Photo-Optical Instrumentation Engrs.*) G.Enrique Bernal, H.V.Winston (editors), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1978] 82976 (introductory abstract), 82039-40, 82518, 82940, 82989-90, 83016-19, 83021, 83049-50, 83054, 83071, 85826-7
- Optics in crime countermeasures;** Reston, VA, USA, 18-21 April 1977, (*Soc. Photo-Optical Instrumentation Engrs.; Soc. Photographic Scientists Engrs.*) [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1977] 54489
- Optics in quality assurance;** Arlington Heights, IL, USA, 14-16 Nov. 1977, (*Soc. Photo-Optical Instrumentation Engrs.*) J.Cruz (editor), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1978] 87068
- Optics in radar systems;** Huntsville, AL, USA, 27-29 Sept. 1977, (*Soc. Photo-Optical Instrumentation Engrs.*) B.W.Vatz (editor), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1977] 78939 (introductory abstract), 77983, 78024, 78910, 78940-50, 79086, 79138-41, 81527
- Optimisation techniques.I;** Wurzburg, Germany, 5-9 Sept. 1977, (IFIP) J.Stoer (editor), [Berlin, Germany: Springer-Verlag 1978] 65745, 65767, 66329, 67009, 67021, 69369
- Optimisation techniques.II;** Wurzburg, Germany, 5-9 Sept. 1977, (IFIP) J.Stoer (editor), [Berlin, Germany: Springer-Verlag 1978] 69540
- Orientation effects in [solid polymers];** Budapest, Hungary, 27-30 April 1976, [1977] 75557 (introductory abstract), 75558-73, 75712, 75737, 76658, 76706-9, 76728-9, 80590
- Particles and fields;** Argonne, IL, USA, 6-8 Oct. 1977, [1978] 78130 (introductory abstract), 77785, 77788, 78103, 78131, 78134-9, 78154, 78165-6, 78184-6, 78197-200, 78202, 78209, 78215-16, 78224-7, 78368, 81647, 81719
- Pattern recognition and image processing;** Chicago, IL, USA, 31 May - 2 June 1978, (IEEE) [New York, USA: IEEE 1978] 71053, 73183-6, 73240-3, 73280-2, 73289-91, 73555, 77110-14
- Photovoltaic solar energy;** Luxembourg, 27-30 Sept. 1977, [Dordrecht, Netherlands: Reidel 1977, \$59.50] 64106 (introductory abstract), 63784, 64066, 64107-9, 64153-5, 64453, 64465-6, 64471, 64474, 64479, 64490-2, 64560, 67928, 68102
- Physics careers, [employment] and [education];** University Park, PA, USA, 1-3 Aug. 1977, [1977] 62034 (introductory abstract), 61956-66, 62031-3, 62035-46, 65735, 65746-7
- Plasma surface interactions in controlled fusion devices;** Abingdon, England, 3-7 April 1978, [Sept.-Oct. 1978] 94917 (introductory abstract), 94121-36, 94936, 95067-73, 95076, 95085-96, 95187, 95210-11, 95621, 95624-40, 95809, 95939
- Polymer physics;** Shrinvenham, England, Sept. 1977, [June 1978] 75576 (introductory abstract), 75577-8, 75819, 76423, 76523, 76689-90, 76719
- Power generation;** Long Beach, CA, USA, 18-21 Sept. 1977, (IEEE) [New York, USA: IEEE 1977] 70592
- Precision electromagnetic measurements conference;** Ottawa, Canada, 26-29 June 1978, (IEEE; Nat. Res. Council Canada; Nat. Bur. Standards; et al.) [New York, USA: IEEE 1978] 89462 (introductory abstract), 89442, 89453-61, 89463, 89501-5, 89510, 89596, 90415, 90429-30, 90439-40, 90445, 92971, 93643, 93660, 93730-7, 95568
- Process and device modelling for IC design;** Louvain-la-Neuve, Belgium, 19-29 July 1977, F.van de Wiele, W.L.Engl, P.G.Jespers (editors), [Groningen, Netherlands: Noordhoff 1977] 71753, 71884, 72049, 72276
- Progress on colloid and polymer science;** Rothenburg, Germany, 28-31 March 1977, [1978] 75583 (introductory abstract), 75554, 75584-97, 75654, 75781, 75845-6, 75852, 76086, 76322, 76340-2, 76383-4, 76485, 76538, 76624-5, 76646, 76699-700, 76722, 76748-50, 76822-3, 76860, 79753
- Properties of [atomic defects] in [metals];** Argonne, IL, USA, 18-22 Oct. 1976, [Feb. 1978] 51530
- Psychophysical and visual aspects of image evaluation;** Rochester, NY, USA, 24-25 Oct. 1977, (SPSE) [March-April 1978] 65016 (introductory abstract), 62192, 64979, 65001, 65017-25
- Pure and applied chemistry;** Tokyo, Japan, 4-10 Sept. 1977, [1978] 95906 (introductory abstract), 94333, 94626, 95907, 95923, 95941
- Quantum liquids;** Erice, Italy, 11-25 June 1977, J.Ruvalds, T.Regge (editors), [Amsterdam, Netherlands: North-Holland 1978, \$21.75] 59985 (introductory abstract), 59989-93, 59996-8, 60000, 60002
- Quantum mechanics;** Strasbourg, France, 2-4 May 1974, J.L.Lopes, M.Party (editors), [Dordrecht, Holland: Reidel 1977] 54233 (introductory abstract), 54234-45, 54301, 54649
- Quasars and active nuclei of galaxies;** Copenhagen, Denmark, 27 June - 2 July 1977, [March 1978] 57675 (introductory abstract), 57443-4, 57467-8, 57643-54, 57660, 57667-72, 57676-93, 57701
- Radar systems mechanical engineering;** Arlington, VA, USA, 8-10 Nov. 1977, (IEEE) [New York, USA: IEEE 1977] 57427, 57448-50
- Radiation effects on superconductivity;** Argonne, IL, USA, 13-16 June 1977, [March 1978] 52120 (introductory abstract), 50294-5, 51572, 51580, 51589, 52121-36, 52166-8, 52175-82
- Radio and optical propagation for communications, navigation and detection systems;** Oslo, Norway, 8-9 May 1978, (AGARD) [Neuilly-sur-Seine, France: AGARD 1978] 93044 (introductory abstract), 92954, 92987-8, 93015, 93045-9
- Radio oceanography;** Hamburg, Germany, 29 Sept. - 6 Oct. 1976, (*Inter-Union Comm. on Radio Meteorology*) [Jan. 1978] 77239 (introductory abstract), 77176-7, 77240-50, 77295, 77333-8, 77455, 81172-5, 81415-19
- Radioactive effluent monitoring from nuclear facilities;** Portoroz, Yugoslavia, 5-9 Sept. 1977, (IAEA) [Vienna, Austria: IAEA 1978] 89985 (introductory abstract), 89970, 89986-98, 92970
- Rare earth and actinides;** Durham, England, 4-6 July 1977, (*US Army European Res. Office; Magnetic Polymers Ltd.; et al.*) W.D.Cornor, B.K.Tanner (editors), [London, England: Inst. Physics 1978, \$42.00] 84115 (introductory abstract), 83766, 83902, 83951, 83971-3, 84116, 84138, 84140, 84177-80, 84197, 84380, 84383, 84388, 84392-5, 84398-401, 84407-9, 84412-15, 84422-7, 84445-8, 84454, 84461, 84469-72, 84482, 84511, 84656, 84681, 84703, 84705, 84709, 85192
- Reactor noise;** Gatlinburg, TN, USA, 19-23 Sept. 1977, [1977] 94057 (introductory abstract), 94058-73, 94105-8
- Reliability and maintainability;** Los Angeles, CA, USA, 17-19 Jan. 1978, (IEEE; IES; ASME; et al.) [New York, USA: IEEE 1978] 50250 (introductory abstract), 54827
- Reliability physics;** San Diego, CA, USA, 18-20 April 1978, (IEEE) [New York, USA: IEEE 1978] 86262, 86379, 87166
- Remote sensing applications to ocean surveillance;** Oslo, Norway, 3-4 Oct. 1977, (AGARD) [Neuilly-sur-Seine, France: AGARD 1977] 69534 (introductory abstract), 69458, 69535-8, 73550-1
- Remote sensing in the environment;** Detroit, MI, USA, 7-11 Nov. 1977, [March-April 1978] 96300 (introductory abstract), 96243-4
- Replicated and plastic optics;** San Diego, CA, USA, 23-24 Aug. 1977, (*Soc. Photo-Optical Instrumentation Engrs.*) T.Moss (editor), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1977] 66961 (introductory abstract), 66888-91, 66962-8
- Robots and manipulators;** Warsaw, Poland, 14-17 Sept. 1976, (CISM; IFToMM) A.Morecki, K.Kedzior (editors), [Amsterdam, Netherlands: Elsevier 1977, \$69.50] 53574 (introductory abstract), 53553, 53575-82
- Rocks physical properties;** Durham, England, 12 Aug. 1977, [July 1978] 69333 (introductory abstract), 69334-8, 71296
- Rural power distribution;** Minneapolis, MN, USA, 30 April - 2 May 1978, (IEEE) [New York, USA: IEEE 1978] 80285
- Satellite communication and navigation;** London, England, 7-9 March 1978, (IEE) [London, England: IEE 1978] 57161, 57327
- Sateites of Mars;** Washington, DC, USA, 11 Aug. 1977, [1978] 89099-104
- Solar activity and the neutrino problem;** Leningrad, USSR, 25-27 Sept. 1976, [1977] 57411, 57522-7, 61211, 61477-8, 61634, 61690-3, 61695, 61732, 61827-30

- Solar energy conversion;** Laxenburg, Austria, 8-10 Dec. 1976, (*Internat. Inst. Applied Systems Analysis*) J. Williams, G. Kromer, J. Weingart (editor/s), [Laxenburg, Austria: Internat. Inst. Applied Systems Analysis 1978] 81352 (introductory abstract), 81353-8, 85680
- Solar flares;** Florence, Italy, 17-19 Nov. 1975, [June 1977] 93191 (introductory abstract), 93192, 96345, 96377, 96456-63
- Solid-state circuits;** San Francisco, CA, USA, 15-17 Feb. 1978, (*IEEE*) [New York, USA: IEEE 1978] 82069
- Solid-state devices;** Tokyo, Japan, 30-31 Aug. 1977, (*Japan Soc. Appl. Phys.*) [1977] 82928, 83089-90, 83651, 83830, 83835, 84210, 84328, 84462, 84663, 84718
- Solid-state devices;** Brighton, England, 12-15 Sept. 1977, E.A. Ash (editor/s), [Bristol, England: Inst. Physics 1978, \$33.00] 83113, 84289, 84457
- Solid-state imaging devices;** San Diego, CA, USA, 23-24 Aug. 1977, (*Soc. Photo-Optical Instrumentation Engr(s)*) J. Campbell (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engr(s) 1977] 66944 (introductory abstract), 65970-1, 65983, 66945, 68623, 69539
- Southeastcon '78;** Atlanta, GA, USA, 10-12 April 1978, (*IEEE*) [New York, USA: IEEE 1978] 69932, 69993, 70098, 70111, 71003, 71015, 71051-2, 71193, 71528, 71560, 71621, 72741, 73142, 73166, 73174, 73193-4, 73258, 73276-9, 73286-8, 73293, 73406, 73506-7, 73513, 73519-20, 73553-4, 75919
- Space in the service of man;** Rome, Italy, 15-16 March 1978, [Rome, Italy: Rassegna Internazionale Elettronica Nucleare ed Aerospaziale 1978] 96384 (introductory abstract),
- Space sciences;** Trivandrum, India, 18-21 Jan. 1977; [Sept. 1977] 69586 (introductory abstract), 66456, 69558, 69594-601, 69632-4
- Spatial patterns and processes;** Canberra, Australia, 12-14 May 1977, [1978] 65010, 65184
- Speech acoustics;** Leningrad, USSR, 12-13 April 1977, [Jan.-Feb. 1978] 96055 (introductory abstract), 96056-7
- Stellar convection;** Nice, France, 16-20 Aug. 1976, E.A. Spiegel, J.P. Zahn (editor/s), [Berlin, Germany: Springer-Verlag 1977] 89176 (introductory abstract), 87333, 88898, 89058-9, 89090, 89164-6, 89177-94
- Stray light problems in optical systems;** Reston, VA, USA, 18-21 April 1977, (*Soc. Photo-Optical Instrumentation Engr(s)*) J.D. Lytle, H. Morrow (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engr(s) 1977] 59112 (introductory abstract), 58008, 58012, 58085, 58905-7, 58917, 59099, 59113-18, 59151-4, 59167, 61713-14, 61739, 61752
- Strength and fracture of materials;** Waterloo, Canada, 19-24 June 1977, D.M.R. Taplin (editor/s), [Oxford, England: Pergamon 1978] 56763 (introductory abstract),
- Strength and fracture of materials.I;** Waterloo, Canada, 19-24 June 1977, D.M.R. Taplin (editor/s), [Oxford, England: Pergamon 1978] 56718-20, 56764-76, 57036, 57720, 60764-79, 60884
- Strength and fracture of materials.IIA;** Waterloo, Canada, 19-24 June 1977, D.M.R. Taplin (editor/s), [Oxford, England: Pergamon 1978] 60682-3, 60724-32, 60780-827, 60885-6, 63335-6, 64612-14, 64653-69, 64785-6
- Strength and fracture of materials.IIB;** Waterloo, Canada, 19-24 June 1977, D.M.R. Taplin (editor/s), [Oxford, England: Pergamon 1978] 60733, 60828-41, 60978, 63387-93, 64572, 64615-16, 64670-705, 64787-9, 67099-103, 68790-804
- Strength and fracture of materials.IIIA;** Waterloo, Canada, 19-24 June 1977, D.M.R. Taplin (editor/s), [Oxford, England: Pergamon 1978] 67033, 67104-51, 67717, 67767, 68758, 68805-14, 68859, 69340
- Strength and fracture of materials.IIIB;** Waterloo, Canada, 19-24 June 1977, D.M.R. Taplin (editor/s), [Oxford, England: Pergamon 1978] 67152-4, 68815-24, 68860-9, 69368, 71292-5, 72860-89, 73009, 75081, 75103-6, 76723-5, 76751-67, 76826, 77080-1, 77155-7
- Strength and fracture of materials.IV;** Waterloo, Canada, 19-24 June 1977, D.M.R. Taplin (editor/s), [Oxford, England: Pergamon 1978] 77645, 77661, 78472, 79279-85, 80650-3, 80685
- Stretching flows;** Edinburgh, Scotland, 7-9 Sept. 1977, [July 1978] 71373 (introductory abstract), 71302-5, 71374-7, 71379, 72760
- Sulphur in the atmosphere;** Dubrovnik, Yugoslavia, 7-14 Sept. 1977, [1978] 96281 (introductory abstract), 95973-6, 96254-8, 96282-7, 96296-8
- Superconducting device refrigerator requirements;** Boulder, CO, USA, 3-4 Oct. 1977, (*Nat. Bur. Standards; Office Naval Res.*) J.E. Zimmerman, T.M. Flynn (editor/s), [Washington, DC, USA: Nat. Bur. Standards 1978] 93696 (introductory abstract), 93697-712, 93729, 96061, 96322, 96400
- Surface properties of materials;** Rolla, MO, USA, 1-4 Aug. 1977, [Sept. 1978] 87867 (introductory abstract), 87416, 87849-50, 87868-70, 87922, 88012, 88394-5, 88431, 88633-4, 88644
- Synchrotron radiation instrumentation and new developments;** Orsay, France, 12-14 Sept. 1977, [1 June 1978] 62999 (introductory abstract), 62234-8, 62269-84, 62666-8, 62670-3, 62676, 62678, 62683, 62955, 63000-1, 63019, 63186-9, 65166, 65954, 65967, 65978, 65982, 66017-20, 66447, 66561-2, 66595, 66687-8, 66700, 66730-2, 66835, 67618-21, 68957
- Systems analysis trends;** Versailles, France, 13-17 Dec. 1976, (*IIASA; IFAC; et al*) A. Bensoussan, J.L. Lions (editor/s), [Berlin, Germany: Springer-Verlag 1977] 54858-60, 57374
- Systems integration and optical design;** Reston, VA, USA, 18-21 April 1977, (*Soc. Photo-Optical Instrumentation Engrs. Soc. Photographic Sci. & Engrs.*) S. Refermat (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engrs. 1977] 50783 (introductory abstract), 49893-4, 50742, 50811-12, 50845, 50847-8, 50943, 53794
- Thermoelectric energy conversion;** Arlington, TX, USA, 22-24 March 1978, (*IEEE*) [New York, USA: IEEE 1978] 90034, 91495, 91676-8, 91711-14
- Thermoremanent magnetization;** San Francisco, CA, USA, 9 Dec. 1976, [1977] 65269 (introductory abstract), 64205, 65270-80, 65564
- Three-dimensional imaging;** San Diego, CA, USA, 25-26 Aug. 1977, (*Soc. Photo-Optical Instrumentation Engr(s)*) S.A. Benton (editor/s), [Bellingham, WA, USA: Soc. Photo-Optical Instrumentation Engr(s) 1977] 78971 (introductory abstract), 78025, 78972-9, 80877-82, 81010-11, 81094, 81557, 85315, 85446
- Transition metals;** Toronto, Canada, 15-19 Aug. 1977, M.J.G. Lee, J.M. Perz, E. Fawcett (editor/s), [London, England: Inst. Physics 1978] 91577 (introductory abstract), 91401-4, 91579-81, 91584-7, 91597-605, 91608-13, 91615, 91630-1, 91633-5, 91644-5, 91648-9, 91653-4, 91662-4, 91668-9, 91675, 91689-90, 91789, 91954, 92092, 92144, 92155, 92177-8, 94953, 94967, 95045, 95103, 95124, 95224, 95237, 95249-50, 95253-9, 95267-8, 95280-1, 95285-6, 95327-34, 95393, 95405, 95414, 95416, 95423, 95432, 95439-40, 95451-3, 95482, 95494, 95508-11, 95526, 95536, 95538, 95591-2, 95620, 95645, 95678-85, 95747
- Turbulence structure and mechanisms;** Berlin, Germany, 1-5 Aug. 1977, H. Fielder (editor/s), [Berlin, Germany: Springer-Verlag 1978] 94647 (introductory abstract),
- Turbulence structure and mechanisms.I;** Berlin, Germany, 1-5 Aug. 1977, H. Fielder (editor/s), [Berlin, Germany: Springer-Verlag 1978] 90818, 90828-9, 90836, 90840, 90847-61, 90909, 90955-7, 91044, 92955, 94643, 94665
- Turbulence structure and mechanisms. II.II;** Berlin, Germany, 1-5 Aug. 1977, H. Fielder (editor/s), [Berlin, Germany: Springer-Verlag 1978] 94648, 94650-3, 94666-76, 94741-3, 94767, 94784-92, 94828-9, 94844-5
- Ultrasonic applications;** Brighton, England, 28-30 June 1977, (*Journal Ultrasonics*) [Guildford, England: IPC Sci. & Technol. Press 1977] 59223 (introductory abstract), 59149, 59176, 59182-3, 59185-7, 59209, 59224-5, 59237-44, 59435, 59526-8, 59867, 60017, 60169, 60395-7, 60421, 60722-3, 60763, 60968-74, 61028, 61212, 61214, 61226-36, 61622, 64323
- Unsteady aerodynamics;** Ottawa, Canada, 26-28 Sept. 1977, (*AGARD*) [Neuilly-sur-Seine, France: AGARD 1978] 71347 (introductory abstract), 71313, 71350-62, 71411, 75095, 75125-8, 75152, 75163-6
- URSI Commission F;** La Baule, France, 28 April - 6 May 1977, [March-April 1978] 57321 (introductory abstract), 55285, 57165-7, 57218, 57235, 57266-74, 57318, 57322, 57363-6
- Vehicular technology;** Denver, CO, USA, 22-24 March 1978, (*IEEE*) [New York, USA: IEEE 1978] 69222, 69608, 69778
- Wear of Materials;** St. Louis, MO, USA, 26-28 April 1977, [Jan. 1978] 64717 (introductory abstract), 64515, 64718-33, 64912
- White dwarfs;** Rome, Italy, 10-14 Sept. 1976, [March 1977] 93239 (introductory abstract), 93240-1

CORPORATE AUTHOR INDEX

AGARD, Neuilly sur Seine, France

- Instability, transition to turbulence and predictability, AGARD-AG-236. 87332
- An introduction to turbulence in geophysics, and air-sea interactions, AGARD-AG-232. 92953

Atomic Energy Canada Ltd., Chalk River, Ontario

- Magnetic field related mechanical tolerances for the proposed Chalk River superconducting heavy-ion cyclotron, AECL-6079. 58511
- The analysis of flux peaking at nuclear fuel bundle ends using PEAKAN, AECL-6174. 82493
- Analysis of xenon-induced power oscillations with λ -modes, AECL-6185. 82494
- Assay of fissionable isotopes in aqueous solution by pulsed neutron interrogation, AECL-5994. 68966
- Burnup determination of nuclear fuels using neodymium-148, AECL-5964. 82459
- Canadian experience with wet and dry fuel storage concepts, AECL-6191. 89963
- Cladding performance during power changes, AECL-5908. 58359
- The control computer for the Chalk River electron test accelerator, AECL-5720. 90004
- Design of the remote handling system for a fuel defect test loop, AECL-6104. 82436
- Development of an automated system for CANDU secondary coolant circuit chemistry control Program summary and conclusions, AECL-5997. 66359
- The development of irradiated fuel bundle counters for 600 MW CANDU reactor safeguards systems, AECL-6209. 94119
- Development of nuclear quality high pressure valve bellows in Canada, AECL-6211. 82490
- Digital computer control on Canadian nuclear power plants—experience to date and the future outlook, AECL-5916. 58383
- The effect of corrosion and fast neutron irradiation on the mechanical

- properties of the zirconium-8.6 wt.% aluminum reference material, AECL-5995. 84948
- Elastic plastic fracture mechanics, AECL-5991. 90800
- Evaluation of the performance of bellows for nuclear valves, AECL-5975. 58348
- The feasibility of agricultural uses of thermal effluent from Glace Bay heavy water plant, AECL-5963. 86678
- A fractographic distinction between hydride cracking and stress corrosion cracking in Zircalloys, AECL-6181. 92363
- Fuel performance in NPD while operating with two-phase coolant, AECL-6081. 89950
- Future trends in fracture mechanics theory and applications, AECL-6198. 90799
- GISMO: a program for calculating hydrodynamic oscillations in the Gentilly-1 steam mains, AECL-5912. 54824
- Hydrogen-induced delayed cracking. I. Strain energy effects on hydrogen solubility, AECL-6302. 92364
- Inertial analysis of hydrodynamic oscillations in the Gentilly-1 steam mains, AECL-6093. 89944
- Introducing advanced nuclear fuel cycles in Canada, AECL-6202. 89968
- Irradiation behaviour of U-Si-Al with peripheral voidage, AECL-5304. 54835
- Lattice measurements with 36-element natural UO_2 fuel in the ZED-2 hot loop facilities. Detailed lattice cell parameters, AECL-5969. 58347
- Low-level radiation: a review of current estimates of hazards to human populations, AECL-5715. 57043
- A material irradiation facility for the WR-1 reactor, AECL-5683. 54868
- Mathematical modelling of water radiolysis; a discussion of various methods, AECL-5958. 61036
- Measurements and simulations of thermal neutron flux distributions in Bruce A, AECL-5973. 82492
- Measurements of bundle end flux peaking effects in 37-element CANDU PHW fuel, AECL-5968. 58385

- Nuclear power in Canada: status and prospects, AECL-6173. 86664
 On-line infrared heavy-water instruments: status, economics and prospects, AECL-6205. 82038
 Outline of the Canadian R and D program on the behaviour of CANDU fuel bundles in transients, AECL-6218. 94102
 Potential of axial fuel management strategies in thorium-fuelled CANDUs, AECL-6182. 94075
 Radiation protection instrumentation for personnel dosimetry, area and environmental monitoring, AECL-5847. 66427
 Research in radiation biology, in the environment and in radiation protection at CRNL, AECL-5911. 61222
 Response characteristics of self-powered flux detectors in CANDU reactors, AECL-6171. 82594
 Responses of platinum, vanadium and cobalt self-powered flux detectors near simulated booster rods in a ZED-2 mockup of a Bruce reactor core, AECL-5718. 58391
 A review of the potential for actinide redistribution in CANDU thorium cycle fields, AECL-5962. 66347
 Routine environmental radiation monitoring program at WNRE, AECL-5984. 82533
 The solubility of iron sulfides and their role in mass transport in girdler-sulfide heavy water plants, AECL-5960. 83963
 Spatial power control in large CANDU reactors: the whys and wherefores, AECL-6212. 89962
 Steam generator tube failures: Experience with water-cooled nuclear power reactors during 1976, AECL-6095. 54826
 Transient experiments in simulated CANDU reactor cores, AECL-5918. 54825
 Two-phase control absorber development program: first results from out-reactor static tests, AECL-6077. 58389
 Uranium resources consumption and 30-year fuel commitments for Canada and the world, 1975-2025, AECL-5993. 82456
 Validation of the KENO and SU-HAMMER codes for critical solution systems of U-233 and U-235, AECL-5917. 89949
 Vibration of heat exchange components in liquid and two-phase cross-flow, AECL-6184. 90770
 The WR-1 corrosion test facility, AECL-6190. 89945
 Analysis of transient measurements in the ZED-2 reactor, AECL-5967. 58386
 The concrete canister program, AECL-5965. 58388
 Determination of the terminal solid solubility of hydrogen in zirconium at low hydrogen concentrations, AECL-5996. 83962
 Dissolution of (Th,U)O₂ in nitric acid-hydrofluoric acid solutions, AECL-5957. 59951
 The irradiation growth of the intermetallic Zr₃Al, AECL-5961. 55896
 Measurement of a ¹⁴¹Ce standard with dose calibrators (CRNL-ICRM-LS-1), AECL-5909. 61261
 Monitoring for fuel sheath defects in three shipments of irradiated CANDU nuclear fuel, AECL-5983. 54864
 Non-destructive determination of burnup by gamma-scanning: An assessment of cesium-134/cesium-137 activity ratio as a fission monitor in CANDU fuels, AECL-6192. 94076
- Central Res. Inst. Electric Power Ind., Tokyo, Japan**
 Determination of environmental radioactivity. IV. Rapid determination of radioactive manganese, iron and cobalt in sea water, E277021. 85608
 Determination of environmental radioactivity. V. Determination of fallout nuclides, E277022. 82520
 Determination of environmental radioactivity. VI. Rapid determination of radioactive cesium in sea-water by cesium selective resin, E277023. 85609
- CERN, Geneva, Switzerland**
 CHEEP: An e-p facility in the SPS, CERN-78-02. 55062
 The control system for the CERN proton synchrotron continuous transfer ejection, CERN-78-04. 82552
 Design and construction of two 10.8 T.m superconducting beam bending magnets, CERN-78-03. 82559
 HPL0T: The graphics interface package for the HBOOK histogramming package, CERN-78-06. 89465
 The merging of the intersecting storage rings for a 60 GeV collider with the 400 GeV proton synchrotron, CERN-78-01. 58513
 Studies of 400 GeV superconducting proton storage rings, CERN-77-21. 58510
 Superconducting conversion of the intersecting storage rings, CERN-77-20. 58509
- Comm. European Communities, Luxembourg**
 2nd CEC remote sensing campaign: Drax 1976 correlation spectrometry measurements. Environment and quality of life, EUR-5809EN. 88908
 Analysis of ferrous metals by energy dispersion X-ray spectrometry, EUR-5860FR. 85281
 Analytical evaluation of actinide sensitivities, EUR-5763EN. 82427
 Analytical evaluation of fission product sensitivities, EUR-5701EN. 82424
 Angle detector for tribometric measurements, EUR-5786FR. 92434
 Application of heterogeneous method for the interpretation of exponential experiments, EUR-5658EN. 58346
 Arising of cladding wastes from nuclear fuel in the European Community, EUR-5969EN. 66360
 Automatic evaluation of isotope analysis of nuclear fuels including isotope dilution, mass spectrometry, alpha spectrometry and isotope correlation technique with an appropriate databank, EUR-5669EN. 55120
 Bathymetric map of Lake Lugano, EUR-5634EN. 96252
 Calculation of oxygen distribution in uranium-plutonium oxide fuels during irradiation (Program CODIF), EUR-5971EN. 70604
 Catalogue and classification of technical safety standards, rules and regulations for nuclear power reactors and nuclear fuel cycle facilities, EUR-5849EN. 58384
 Cold formability of steels, EUR-5770/1FR. 60681
 Community survey on reference blocks and transducers for non-destructive ultrasonic testing, EUR-5852EN. 68858
 Determining the microstructure of alloys by means of an external magnetic field, EUR-5838DE. 72785
 Dynamic material properties of several steels for fast breeder reactor safety analysis, EUR-5787EN. 60966
 ESP-TIMOC code manual, EUR-5794EN. 50236
 A European neutron dosimetry intercomparison project (ENDIP). Results and evaluation, EUR-6004EN. 82532
- Evaluation of the fracture toughness of medium-strength steels by using small specimens, EUR-5772FR. 60762
 Experimental determination of neutron capture cross sections of structural materials for fast reactors integrated over the intermediate energy region, EUR-5892IT. 82355
 Experimental evaluation of surface wear of a type PEC fuel element, experimental tribological study in sodium at high temperature, EUR-5807IT. 58362
 Flaw inspection on cold strip surfaces with optoelectronic equipment, EUR-5877DE. 60967
 Laser-induced gas breakdown, EUR-5909DE. 87472
 Long-term risk assessment of radioactive waste disposal in geological formations, EUR-5902EN. 58387
 Measurement of microplasticity applied to the study of deformation mechanism fundamentals, EUR-5767f. 60720
 Measurements and observations on microscopic swelling in MX-type fuels, EUR-5907EN. 66348
 Modification of the microstructure of IN 100 by simulated coating heat treatments, EUR-5887EN. 85058
 Modified Monte Carlo procedure for particle transport problems, EUR-5900EN. 61560
 Porosity in MX-type fuels and its stability, EUR-5812EN. 86629
 Post-irradiation examination of a 1300°C-HTR fuel experiment project J96.M3, EUR-5841EN. 85360
 Pressure generated in sodium encapsulated in liquid UO₂, EUR 5817 IT. 82454
 Programme of research and development on plutonium recycling in light water reactors, EUR-6002EN. 89969
 Prospects for plutonium recycling in light-water reactors in the European Communities, EUR-5936EN. 58394
 A reference regional nuclear fuel centre, EUR-5955EN FR. 58395
 Removal of long-lived actinides from PUREX type HAW raffinates. Development of conceptual and experimental studies on solvent extraction, EUR-5816EN. 66676
 Report on swelling of MX-type fuels 1973-1976: Self-diffusion in MX-type nuclear fuels out-of-pile and in-pile, EUR-5906EN. 82457
 REXCO-EUR code user's manual, EUR-5813EN. 58349
 Safety assessment of radioactive waste disposal into geological formations: a preliminary application of fault tree analysis to salt deposits, EUR-5901EN. 55046
 The second Euratom sponsored 900°C HTR fuel irradiation experiment in the HFR Petten project E96.02. II. Post-irradiation examination, EUR-5463EN. 58361
 Self-diffusion of plutonium in uranium-plutonium mononitride, EUR-5905 EN. 82461
 Sensitivity analysis of the effect of various key parameters on fission product concentration (mass number 120-126), EUR-5853EN. 82428
 Sodium-fuel interaction: dropping experiments and subassembly test, EUR-5854EN. 82460
 The solubility of solid fission products in carbides and nitrides of uranium and plutonium. II. Solubility rules based on lattice parameter differences, EUR-5766EN. 59953
 Study of the distribution of alloying elements between the phases of a heat treated steel, EUR-5876FR. 84876
 Surface coverages in the system Mo-N₂, EUR-5762EN. 60036
 Surface dose rate contribution by actinides mixed in uranium-plutonium fuel elements, EUR-5917EN. 66428
 Thermal desorption (outgassing) of Inconel, EUR-5792EN. 54880
 Thermal stresses in cracked nuclear fuel pellets, EUR-5973EN. 82462
 Ultra-high vacuum target assembly for charged particle irradiations in the materials research field, EUR-5908EN. 83841
- Crustal Movement Survey Party & Fujigawa Crustal Movement Obs., Earthquake Res. Inst., Univ. of Tokyo, Tokyo, Japan**
 Geodimeter surveys in the northeastern part of the Izu Peninsula. I. . 96163
- Defence Sci. & Technol. Organisation Materials Res. Lab., Melbourne, Victoria**
 The motion of a driven oscillator. I. Nondecreasing input velocities, MRL-R-694. 59293
 A vibrating mirror system suitable for Q-switching large-aperture lasers, MRL-R-700. 87082
 Effect of ageing on the hardness and tensile properties of aluminium alloy 7001 with special reference to the influence of delay time between the quenching and ageing treatments, MRL-TN-411. 92286
 The electrodeposition of high-purity chromium, MRL-R-709. 84724
- Dept. of Geology & Geophys., Univ. of Sydney, Sydney, NSW, Australia**
 A bottom profile across Lake Eyre North, South Australia. . 69376
- Earthquake Prediction Observation Center, Earthquake Res. Inst., Univ. of Tokyo, Tokyo, Japan**
 Summary of field observational work on the recent crustal activity in Izu Peninsula. . 96140
- Eindhoven Univ. Technol., Netherlands**
 Experimental investigation on the discharge structure in a noble gas MHD generator, TH-78-E-79. 91166
 On the possibility to separate isotopes by means of a rotating plasma column. Isotope separation with a hollow cathode discharge, TH-77-E-72. 75454
 Radial heat flow in two coaxial cylindrical discs, TH-77-E-76. 75032
- Elementary Particle Theory Group, Dept. of Phys., Peking Univ., Peking, China**
 An SU(4)×S₃^a scheme of the straton model. . 78145
- EQUIPE TFR, Dept. de Phys. du Plasma et de la Fusion Controllee, CEN, Fontenay-aux-Roses, France**
 High-power neutral injection and ion power balance in TFR. . 82511
- First Group of Stellar Div., Peking Obs., Peking, China**
 Two new rapid variables in Ophiuchus-Scorpius region and one variable star of the RRc type near the boundary of M4. . 69804
- Fission Group, Nuclear Physics Lab., Inst. of Nuclear Res., Acad. Sinica, Peking, China**
 The shape isomer ^{240m}Pu. . 78253
- Group of Rb-Sr, Lab. of Isotope Geology, Kweiyang Inst. Geochem., Acad. Sinica, China**
 Research of Rb-Sr age and strontium isotope on Kirin chondrite. . 89135
- Hiroshima Univ., Japan**
 Anomalous transport due to electromagnetic fluctuations across a magnetic field, HIFT-2. 94899

- Finite- β effect on transport by current-driven drift instability in sheared magnetic field, HIFT-1. 94898
- Geometrical effects on turbulent diffusion of toroidal plasma, HIFT-4. 94900
- Negative diffusion of perpendicular ion energy in a magnetized plasma due to mode-coupling process, HIFT-6. 94902
- Stability of current-driven drift waves and associated transport in a finite- β plasma with sheared magnetic field, HIFT-5. 94901
- Hungarian Acad. Sci., Budapest**
- 3-d Coulomb coupling and charge ordering in nonconducting chain systems, KFKI-77-57. 60075
- Analysis of energetic particle events following solar flares of September 24 and November 22 1977, KFKI-78-37. 77446
- Atomic displacements around an impurity and three-body interactions in metals, KFKI-77-111. 91406
- COBRA-3C/KFKI a digital computer program for steady state and transient thermal-hydraulic analysis of rod bundle nuclear fuel elements, KFKI-77-97. 54822
- Comments on the dispersion equation of a turbulent plasma-inhomogeneous, magnetoactive case, KFKI-78-21. 75337
- Comparison of the efficiencies of track length and collision density estimators for three simple geometries, KFKI-78-41. 82413
- Complex TCNQ salts with asymmetric donors. I. Transport properties, KFKI-77-58. 60115
- Complex TCNQ salts with asymmetric donors. II. Magnetic properties, KFKI-78-3. 60264
- Continuous internal oxidation of Cu-Al alloy wires structural, electrical and mechanical characteristics, KFKI-77-67. 60761
- Critical heat fluxes in pressurized water reactors, KFKI-77-115. 86580
- Crystallization kinetics of metallic glasses, KFKI-78-10. 91257
- Decarburization rate of some iron-nickel alloys, KFKI-77-86. 60882
- Dependence of magnetic properties on the composition in a binary metallic glass system: Iron-boron, KFKI-77-112. 60314
- Determination of burnup of irradiated fuel specimens, KFKI-78-43. 82458
- Determining the oxygen and aluminium contents of steel by fast neutron activation, KFKI-78-55. 92586
- Dielectric measurements on smectic-A and nematic phase, KFKI-77-66. 60392
- Dielectric permeability of the quasi one dimensional charge transfer salts: $\text{Qn}(\text{TCNQ})_2$ and $\text{NMeAd}(\text{TCNQ})_2$, KFKI-78-2. 60116
- Dirac's extended electron model, KFKI-78-1. 82134
- Effectiveness of clinical diagnostic methods, KFKI-77-99. 65146
- Electrical resistivity of amorphous transition metals and their alloys, KFKI-77-81. 60103
- Evaluation of complex Mossbauer spectra in amorphous and crystalline ferromagnets, KFKI-77-71. 60370
- Ferromagnetic nuclear resonance investigation of the surface magnetization in iron sheets, KFKI-77-56. 60348
- $g_{5/2}$ isobaric analogue resonances in the $^{56}\text{Fe}(\text{p},\gamma)^{57}\text{Co}$ reaction, KFKI-78-5. 82332
- General algebraic treatment of identical particles in scattering processes, KFKI-78-30. 81891
- Generalization of the massive scalar multiplet coupling to the supergravity, KFKI-77-93. 82137
- Generalization of the Migdal's recursion relation. I. The harmonic rotator model in two dimensions, KFKI-77-103. 89413
- Generalization of the Migdal's recursion relation. II. $O(n)$ symmetric spin systems with $n > 2$, KFKI-78-8. 91834
- Generalized Ginzburg-Landau theory of weakly coupled metallic chains, KFKI-77-107. 91626
- Hadron chemistry in heavy ion collisions, KFKI-78-45. 82389
- Half-off-shell phase equations for non-local interactions, KFKI-77-61. 70019
- Heart-beat interval analysis and evaluation of medical questionnaire for determination of ischaemic heart disease, KFKI-77-73. 65145
- Heavy ion source with indirect heating, KFKI-77-96. 50427
- High temperature magnetic analysis of metallic glasses, KFKI-78-11. 91258
- Investigation of molecular light scattering in PbMoO_4 , KFKI-77-82. 60480
- Ion content of synaptic vesicles, KFKI-77-75. 61166
- Ionic hydration in alkali halide solutions, KFKI-77-101. 92501
- Magnetization curves of uniaxial materials with shape anisotropy, KFKI-77-98. 60313
- Modification of the resonance treatment in multigroup neutron slowing-down codes, KFKI-78-34. 82412
- Modification of the subcooled boiling calculation in the COBRA-3/KFKI program, KFKI-78-50. 82434
- Mossbauer investigation of ferromagnetic metallic glasses, KFKI-78-12. 92009
- Mossbauer study of tetramethylene bridged ferrocene derivatives. II, KFKI-77-105. 60372
- Multimesonic decays of charmonium states in the statistical quark model, KFKI-78-7. 82171
- Multiparticle decays of new heavy particles, KFKI-77-77. 70344
- Multiphoton phenomena in photoelectron emission processes of metals at high laser intensities, KFKI-77-60. 60550
- A new algebraic generalization of quantum mechanics, KFKI-78-20. 81881
- A new type of photoinduced luminescence fatigue in glassy semiconductors, KFKI-78-6. 60520
- Nonrelativistic multichannel quantum scattering theory in a two Hilbert space formulation, KFKI-77-64. 57822
- Nuclear magnetic resonance study of the state of water in cataractous eye lenses, KFKI-77-76. 64986
- Numerical analysis of statistical functions in reacting, reversible small bimolecular systems, KFKI-77-90. 64831
- On a recent paper of Benze and Tandy, KFKI-77-63. 57857
- On the Bonnor counterparts of the Tomimatsu-Sato solutions, KFKI-77-79. 57835
- On the molecular dynamical investigation of liquid crystals, KFKI-77-106. 91252
- On the possibility of collinearity effect in the reaction $^2\text{H}(n,\text{np})$ at $\theta_n = 0^\circ$, KFKI-77-114. 82356
- The pin-cell burnup code BETTY, KFKI-78-35. 89946
- Program for automatic evaluation of single full energy peaks in gamma spectra, KFKI-77-113. 82571
- Properties of stochastic processes describing inhomogeneous chemical kinetics and other reactive collision phenomena, KFKI-77-72. 60991
- Resistivity of iron-boron amorphous alloys in magnetic field at low temperatures, KFKI-78-13. 91667
- Respiratory sinus arrhythmia caused by prescribed respiration for diagnosing ischaemic heart diseases, KFKI-77-73. 65147
- Role of solvent in phase transition of $\text{NMeQn}(\text{TCNQ})_2$, KFKI-78-4. 60119
- Scaled simulation rupture test of the ZR-6M reactor pressure vessel, KFKI-78-58. 89964
- Self-controlled laser-beam chopping effect in GeSe_2 thick films, KFKI-77-70. 60528
- The state of water in normal and senile cataractous lenses, KFKI-77-87. 64987
- Study of elastic properties near a nematic-smectic A transition, KFKI-77-65. 59756
- Temperature dependence of the hyperfine field distribution in an amorphous ferromagnet, KFKI-77-80. 60371
- Thermal and intermediate energy neutron flux density determination for accident dosimetry purposes using thick gold foils, KFKI-78-42. 82536
- Thermodynamic and residual resistance studies of dilute Cu-Au-O solutions, KFKI-77-68. 59952
- Thermohydraulic processes in water-cooled power reactors. I. General experimental layout, KFKI-77-108. 82431
- Thermohydraulic processes in water-cooled power reactors. II. Data collection system, KFKI-77-109. 82432
- Thermohydraulic processes in water-cooled power reactors. III. Models and experimental instrumentation, KFKI-77-110. 82433
- Thermosensitive cholesteric liquid crystals, KFKI-77-59. 59755
- Threshold states in different schematic models, KFKI-78-14. 82272
- TIBSO—a program system for the calculation of the production, transfer, life cycle and radiation of radionuclides in a compound nuclear reactor system, KFKI-77-83. 54821
- Topological structure of the non-linear mode-coupling model equations in a plasma. I, KFKI-78-39. 75304
- Inst. of Geological Sci., Jilin Province, China**
- Changbaite—a new lead metaniobate mineral discovered in China, 85543
- Inst. of Modern Phys., Acad. Sinica, Peking, China**
- Radiochemical investigation of mass distributions in ^{12}C -induced fission of ^{209}Bi and ^{238}U , 86558
- Kernforschungsanlage, Jülich, Germany**
- An applications related concept for calculating the environmental stress from atmospheric emissions from nuclear plant sited in the FRG, JUL-1485. 82531
- Consequence analyses of hypothetical accidents of high temperature gas-cooled reactors, JUL-1468. 58381
- A contribution analysing reactor physics experiments with the aid of spline-functions, JUL-1477. 66339
- Decomposition of chromatographic support materials by ionising radiation, JUL-1510. 92587
- Determinations of Compton profiles for the metal-hydrogen systems VH_x , VD_x , PdH_x , JUL-1492. 92140
- Development and testing of a laser-system for determination of the fission product-release and -distribution in coated particles, JUL-1496. 82403
- Diffusion of Cs into high temperature alloys (an investigation by scanning Auger electron microscopy and secondary ion mass spectrometry), JUL-1483. 84008
- Dilute magnetic alloys with transition metals as host, JUL-1493. 84417
- Evaluation of the 'cut-and-cover' construction of nuclear power plant below ground level, JUL-1478. 82429
- Experimental and theoretical investigations for the design of flux mapping systems in HTR pebble bed reactors, JUL-1488. 82430
- Further investigations on an improved modification of the kohlestein insulation. II, JUL-1481. 66346
- Influence of diffusion on Mossbauer line broadening, JUL-1469. 84510
- Investigations of the consequences of hypothetical accidents for high temperature reactors. II. Consequences following a breach of the primary circuit together with additional failure of active engineered safeguards (HSK2), JUL-1466. 58390
- J-integral measurements for a reactor graphite, JUL-1482. 84999
- A method for the preparation of uranium fuel particles by loading ion exchange resin, JUL-1494. 82499
- On a criterion for plasma-wall-interaction in a reactor, JUL-1503. 89981
- 'Once through' cycles in the pebble bed HTR, JUL-1470. 58382
- A qualitative model for pyrocarbon deposition in fluidized bed—results of an investigation with a Stromungrohr, JUL-1456. 56595
- RFSP-JUL: a programme for unfolding neutron spectra from activation data, JUL-1475. 82570
- Sealing performance of silver-coated metal seals in the 20C-450C temperature range, JUL-1500. 81996
- Short-term market prospects for a nuclear chemical-bound energy system—a customer's view for a local market, JUL-1486. 82505
- Theory of the isotope effect in superconducting compounds, JUL-1504. 91806
- VACOSS variable coding seal system for nuclear material control, JUL-1472. 82491
- Latvijas PSR Zinatnu Akad., Riga, USSR**
- Automated complex for information retrieval and processing in the gamma-resonance spectrometry, (unnumbered). 82091
- Photostimulated processes in inorganic materials and optical information storage, (unnumbered). 82926
- Nagoya Univ., Japan**
- Application of linear response theory to dielectric and conduction problems in a turbulent plasma, IPPJ-325. 71432
- Direct-reading type microwave interferometer, IPPJ-T-29. 55754
- A heating mechanism of ions due to large amplitude coherent ion acoustic wave, IPPJ-333. 94924
- Heating of charged particles by electrostatic wave propagating perpendicularly to uniform magnetic field, IPPJ-323. 63565
- A linear reactor system with impurity seeded multiple-mirror end plug, IPPJ-321. 63580
- MHD stability of runaway electron discharge in Tokamaks, IPPJ-328. 75303
- Modulated Langmuir waves and nonlinear Landau damping, IPPJ-319. 51301
- A new treatment of localised modes in inhomogeneous Vlasov plasma, IPPJ-330. 83563

- Nonlinear calculation of the $m=1$ internal kink instability in current carrying stellarators, IPPJ-324. 63566
 Numerical analysis of nonlinear collisional drift instability, IPPJ-329. 71479
 Plasma diagnostics by neutral beam probing, IPPJ-320. 63590
 Plasma flow driven by fusion-generated alpha particles, IPPJ-332. 83533
 Radiation phenomena of plasma waves. I. Fundamental radiation theory, IPPJ-336. 94914
 Radio-frequency plugging of a high density plasma, IPPJ-331. 83604
 Thermal-flux reduction by electromagnetic instabilities, IPPJ-326. 75272
 Tokamak experiments on JIPP T-11 with pulsed gas injection, IPPJ-322. 71527
 Void lattice formation—spinodal decomposition of vacancies, IPPJ-327. 92234
- Nat. Bur. Stand., Washington, D.C., USA**
 Measurements of combined axial mass and heat transport in He II, NBS-TN-1002. 63894
 Bibliography on atomic transition probabilities 1914-October 1977, NBS-SP-505. 74598
 Calibration of time response of thermometers: Concepts and model calculations, NBS-TN-959. 54370
 Corrosion of metallic pipes transporting potable water—laboratory testing methods, NBS-TN-974. 92409
 Cryogenic fluids density reference system: Provisional accuracy statement, NBS-TN-698. 54344
 Design for the calibration of standards of mass, NBS-TN-952. 54342
 A direct approach to the derivation of electric dyadic Green's functions, NBS-TN-1000. 86169
 An evaluation of commercial densimeters for use in LNG, NBS-TN-697. 54343
 Experimental investigation of means for reducing the response of pressure transducers to thermal transients, NBS-TN-961. 54358
 Laser far-field beam-profile measurements by the focal plane technique, NBS-TN-1001. 87087
 NBS reactor: summary of activities July 1976-June 1977, NBS-TN-969. 82435
 Reaction rate and photochemical data for atmospheric chemistry—1977, NBS-SP-513. 77312
 Total photon absorption cross section measurements theoretical analysis and evaluations for energies above 10 MeV, NBS-TN-968. 90136
 The NBS detector response transfer and intercomparison package: The instrumentation, NBS-TN-950. 54461
- Nat. Engng. Lab., East Kilbride, Scotland**
 Heat pipes with headers and single and two-phase artery systems, NEL-656. 90981
 A laser interferometer for measuring linear vibration, NEL-652. 86243
 Mode II fatigue-crack growth threshold in mild steel, NEL-654. 92362
 Properties of binary liquid mixtures: heat capacity, NEL-648. 63862
 Thermal conductivity of alkyl ethers, NEL-651. 63885
 Thermal conductivity of silicone oils, NEL-646. 51752
- Nat. Phys. Lab., Teddington, England**
 The behavior of the saddle-field ion source with different gases and its possible use as a source of ions for atomic spectroscopy, NPL-QU-49. 78039
 Correlation and estimation of vapour-liquid critical properties. I. Critical temperatures of organic compounds, NPL-CHEM-92. 91421
 The deformation of steel bars in a four-point bending machine measured by holographic interferometry, NPL-MOM-27. 60721
 Determination of temperature and differential scattering cross-sections from rotational Raman scattering of laser radiation at 488.0 nm, NPL-QU-43. 62200
 The determination of the alloying constituents of mild, low alloy and stainless steels by X-ray emission spectroscopy, NPL-CHEM-85. 73126
 Determination of the ampere and of the gyromagnetic ratio of the proton, NPL-DES-44. 57887
 Functional approximation to the standard thermocouple reference tables, NPL-QU-46. 81973
 NPL-75: Gas thermometry from 2.6K to 27.1K, NPL-QU-47. 89480
 The NPL alloy data bank and its use in the calculation of multicomponent alloy phase diagrams, NPL-CHEM-90. 92243
 Particle scattering from a surface with regular, one-dimensional roughness elements, NPL-MOM-30. 92166
 Quantitative electron spectroscopy of surfaces. A standard data base for electron inelastic mean free paths in solids, NPL-CHEM-82. 84686
 Remote sensing of atmospheric pollution from space, NPL-QU-44. 61621
 A temperature controlled water bath for viscosity measurement, NPL-MOM-24. 59525
- Phys.-Tech. Bundesanstalt, Braunschweig, Germany**
 Average cross sections in the neutron benchmark field of californium-252: a status report, PTB-FMRB-72. 82598
 Determining the activities of gamma-sources with flat surfaces, PTB-FMRB-69. 58528
 Emitance measuring instrumentation for the PTB cyclotron, PTB-ND-11. 58512
 ENDF-TR 440: a program for processing ENDF data on the PTB Telefunken TR440 computer, PTB-ND-12. 82414
 Functional fault detection for adjustable electric thermometers, PTB-W-10. 81972
 Measurement of the spectral sensitivity of radiation detectors and detector systems in the vacuum ultraviolet spectral range by using a wall stabilized Ar cascade arc according to Boldt as a standard radiator, PTB-Opt-6. 82037
 Measurements with filtered neutron beams of 24.5 and 2 keV, PTB-FMRB-70. 58529
 NUKLID—a program for automatic identification of lines in Ge(Li)-spectra, PTB-FMRB-71. 58536
 Numerical investigation of the dispersion theory of the Kondo effect in low magnetic field, PTB-ATWD-13. 84387
 Report of the α -, β -, γ -ray spectrometry group of the International Committee for Radionuclide Metrology (ICRM). Intercomparison of gamma-ray emission-rate measurements by means of germanium spectrometers and ^{152}Eu sources, PTB-Ra-7 (ICRM-S-3). 82568
- Planetary Lab. of Purple Mountain Obs., Acad. Sinica, China**
 An investigation of the identity of orbits of a number of new asteroids, . 69731
 The photoelectrical observation and analysis of occultation of SAO 158687 by Uranian ring, . 69657
- Res. Committee on Radiological Safety for Ground Storage of Waste, Japan**
 Land disposal of radioactive waste, . 66351
- Res. Group of Thermal Distortions in Nd-Doped Glasses, Shanghai Inst. of Optics & Fine Mechs., Acad. Sinica, China**
 Thermal distortion induced by optical pumping in Nd-glass, . 50779
- Rice Univ., Houston, TX, USA**
 Numerical determination of minimum mass structures with specified natural frequencies, AAR-138. 63278
- Royal Greenwich Obs., Herstmonceux Castle, Sussex, England**
 Greenwich Time Report, Royal Greenwich Observatory Time and Latitude Service, 1977 April-June, (unnumbered). 69661
 Greenwich Time Report. Royal Greenwich Observatory Time and Latitude Service 1977 July-September, (unnumbered). 73619
 Royal Greenwich Observatory Time and Latitude Service 1977 January-March, (unnumbered) Greenwich Time Report. 57431
 Royal Greenwich Observatory Time and Latitude Service 1977 October-December, (unnumbered) Greenwich Time Report. 89046
- Rutherford Lab., Chilton, Oxford, England**
 The data acquisition system for the N5 experiment at the Rutherford Laboratory, RL-78-014. 90051
 Applying the parton model to the fast hadrons at low p_{\perp} , RL-78-022/A. 54618
 Bubble chamber film exposure for measurement by HPD, RL-77-143/A. 58553
 Colour chemistry—a study of metastable multiquark molecules, RL-78-027. 82158
 Critical potentials, leptons, and weak currents (revised), RL-78-002/A (RL-74-105 revised). 54597
 Cross-sections for strange particle production in π^+d interactions, RL-78-061. 89734
 Evidence for new meson resonances from the reaction $\bar{p}p \rightarrow J^+K^+$, RL-78-032. 70399
 The extraction of quasi-two body processes from 3-body final states—programme EXTRA, RL-77-069. 82238
 High energy behavior of a double discontinuity and the bare Pomeron, RL-78-046. 82179
 Lepton bound states of sub-hadronic dimensions, RL-77-128/A. 54609
 A method for measuring neutron spectra in a stopping pion field, RL-77-138/A. 85386
 A model for baryonium, RL-77-144/A. 58172
 Multiplicity distributions associated with charged hadron production over a range of transverse momentum and production angle at ISR energies, RL-78-019/A. 70414
 Multiquark hadrons in two-dimensional QCD, RL-78-021. 66085
 New data on the $\pi^+\pi^-$ angular distribution in the mass range 0.8-2.2 GeV/c², RL-77-074/A. 58209
 New results on the reaction $\pi^-p \rightarrow K^0\Lambda^0$ between 1400 and 2380 MeV/c, RL-78-050. 70405
 Partial wave analysis of $K^-p \rightarrow \pi^+\Sigma^+$ (1385) between 1775-2170 MeV including new data below 1960 MeV, RL-77-119/A. 54653
 Parton recombination model including resonance production, RL-78-040. 82160
 Polarisation measurements in π^-p charge exchange scattering from 617 MeV/c to 2267 MeV/c, RL-78-033. 82231
 Positive parity excited baryons in a quark model with hyperfine interactions, RL-78-045. 82161
 Pseudobaryons, RL-78-007/A. 58219
 Range-energy relations for hypothetical charged particles, RL-77-126/A. 58566
 The reaction $\pi^-p \rightarrow K^0\Lambda^0$ up to 1334 MeV/c, RL-78-041. 70404
 A review of the theory and phenomenology of lepton pair production, RL-78-044. 82159
 A simple track-fitting method for particles in cylindrically symmetric magnetic fields, RL-77-007/A. 58896
 Some additional and alternative uses of the spallation neutron source, RL-78-018/A. 66442
 Structure function relations at large transverse momenta in lepton-pair production processes, RL-78-054. 82214
 A study of the reaction $\pi^+p \rightarrow \Delta^{++}\pi^0\pi^0$ at 4 GeV, RL-78-026. 82232
 Study of the reaction $\pi^-p \rightarrow K^0\Sigma^0$ from threshold up to 1334 MeV/c, RL-78-042. 89733
 Sum rules and moments for lepton-pair production, RL-78-008/A. 54611
 Understanding hadronic charm production data and particle lifetimes, RL-78-051. 82229
 Where Drell-Yan breaks down, RL-78-015/A. 54610
- TFR Group, Dept. de Phys. du Plasma et de la Fusion Controlee, CEN, France**
 Numerical simulation of the impurity peak positions in T.F.R. 400 discharges, . 91149
- The Working Group for deep seismic sounding in the Alboran Sea 1974**
 Crustal seismic profiles in the Alboran Sea—preliminary results, . 61370
- UKAEA, Culham, Abingdon, Oxon., England**
 Arcing and surface damage in DITE, CLM-R167. 59611
 Atomic collision processes in plasma physics experiments: Analytic expressions for selected cross-sections and Maxwellian rate coefficients. II, CLM-R175. 51279
 An electrostatic analyser for laser-produced plasmas: Ion spectra for polythene at 10.6 μm , CLM-R186. 91157
 Reversed field pinch reactor study. I. Physical principles, CLM-R171. 58470
 Reversed field pinch reactor study. II. Choice of parameters, CLM-R172. 58471
 Reversed field pinch reactor study. III. Preliminary engineering design, CLM-R173. 58472
 Survey of Tokamak experiments, CLM-R176. 59662
- UKAEA, Harwell, England**
 The effect of recombination on sink strengths in the rate theory of void swelling, AERE-R9092. 87712
 Calibration of the Harwell linac II total scattering spectrometer, AERE-R 8925. 86725
 A comparison of single knock-on and complete bubble destruction models of the fission induced re-solution of gas atoms from bubbles, AERE-R9089. 82455
 The effect of variations in damage rate and gas deposition rate during simultaneous damage and gas injection experiments, AERE-R9061. 83855

- The effects of radiation on electrical insulators in fusion reactors, AERE-R8923. 95082
 Heat transfer to accelerating gas flows, AERE-R8946. 54823
 Ion beam studies. VII. An electrostatic lens for the acceleration and deceleration of high intensity ion beams, AERE-R 8983. 89595
 The measurement of attenuation coefficients at low photon energies using fluorescent X-radiation, AERE-R9051. 84680
 Measurement of sulphur-3 in the coolant gas of the Windscale advanced gas-cooled reactor, AERE-R8580. 73125
 Measurement of the supralinearity of ^7LiF thermoluminescent dosimeters, AERE-M2914. 82534
 A multi-access real time data acquisition system for laboratory instruments, AERE-R8919. 54348
 A neptunium dosimeter and spark-counting system for routine personnel monitoring, AERE-R8951. 89984
 Radioactive fallout in air and rain: results to the end of 1977, AERE-R9016. 82535
 Radioactive-nuclide decay data for reactor calculations: Activation products and related isotopes, AERE-R8903. 82426
 Rapid firing of alumina ceramics, AERE-R8962. 68663
 The role of bulk recombination in the theory of void swelling, AERE-R9010. 83847
 SABRE: A system for the assessment of body radioactivity. II. Main features of SABRE 3, AERE-R8933. 85425
 A theoretical investigation of electron microscope observations of fission gas bubble distributions in a mixed oxide fast reactor fuel pin, AERE-R8956. 58358
 The UK chemical nuclear data committee files: A summary of the primary data available in ENDF/B format, AERE-R8904. 82425
- UKAEA, Risley, Lancs., England**
 The influence of lead temperature on the accuracy of various stainless-steel sheathed, mineral-insulated nickel-chromium/nickel aluminium thermocouples, ND-R-36 (W). 54371
 Calculation of stress intensity factors using the UNCLE finite element system and their application in fracture mechanics, ND-R-122(R). 67098
 Molten fuel/coolant interaction studies: some results obtained with the Windscale small shock tube rig, ND-R-95(W). 58363
 A tape-controlled remote automatic diameter measurement machine, ND-R-42(D). 86241
- Univ. California, Livermore, USA**
 Kinetics of the radiation-induced exchange reactions of H_2 , D_2 , and T_2 . A review, UCRL-5280. 61005
 Quadrupole mass-filter sensitivities of H_2 , HD , D_2 , and T_2 and the kinetics of β -particle induced exchange between H_2 , D_2 and T_2 at 25.4°C , UCRL-52391. 58090
- Univ. Catania, Italy**
 Classical quark confinement from general relativity, INFN/AE-77/14. 58162
- Hadrons as compounds of bradyons and tachyons, PP/580. 58163
 An introductory view about superluminal frames and tachyons, PP/582. 69983
- Univ. Kentucky, Lexington, USA**
 Conceptual design for spacelab pool boiling experiment, NASA-CR-135378-UKY-TR106-78-ME15. 63849
- Univ. Lyon, France**
 Ion trajectories calculation in a three dimensional beam subjected to a space charge, LYCEN/7818. 82902
 Microscopic analysis of the elementary particle description of nuclear currents, LYCEN/77101. 82304
 Nuclear critical opalescence, a precursor to pion condensation, LYCEN/7808. 82303
 Nucleon transfer in light heavy ion reactions, LYCEN/7780. 58304
 An orthonormalization method: theory and application to the j-j coupling of fermions in a single j-shell, LYCEN/7767. 81922
 Possible evidence for mesonic exchange correction in $^{16}\text{N}(0^-) \rightleftharpoons ^{16}\text{O}(0^+)$ β -decay and μ -capture reactions, LYCEN/7786. 58257
 Recoil and fast-particle spectrometers for the study of 5 GeV pion-helium interactions, LYCEN/7785. 82569
 Symmetry adaptation, operator equivalents and magnetic resonance, LYCEN/7792. 84374
- Univ. Oxford, England**
 An analytical approach to wind velocity gust factors, OUEL-1241/78. 88897
 The Boussinesq and Cerruti solutions for a transversely isotropic half-space, OUEL-1232/78. 55568
 Consideration of the fluorescence film thickness technique, OUEL-1229/78. 81945
 The control system for a hydraulically-powered 'dummy rider', built to test platform-type two-leg prostheses of the 'Duckling' type, OUEL-1227/77. 57124
 A convergence proof for constrained finite element solutions, OUEL-1223/77. 54168
 Final year project. Identification of flow-type using heated thin films, OUEL-1238/78. 90846
 Multi-fluid, high temperature cavitation tunnel. Description and operating manual, OUEL-1196/77. 63521
 A variational solution of the frictional unloading problem, OUEL-1212/77. 59350
- Univ. Stockholm, Sweden**
 A study of the line-reversed hypercharge exchange reactions $\pi^+\text{p} \rightarrow \text{K}^+\Sigma^+$ and $\text{K}^-\text{p} \rightarrow \pi^-\Sigma^+$ at 7.0 and 10.1 GeV/c, (unnumbered). 82239
- US Army Electron. Command, Fort Monmouth, N.J., USA**
 Chemically polished quartz, ECOM-4548. 60858
- US Dept. Energy, Oak Ridge, TN, USA**
 Nuclear reactors built, being built, or planned in the US as of Dec. 31 1977, TID-8200-R37. 58398

LIST OF JOURNALS

The periodical and serial publications listed below are regularly received and scanned by INSPEC for its information services. The selection of articles from any particular journal and their inclusion in any of the INSPEC abstracts journals (Physics Abstracts, Electri-

cal & Electronics abstracts and Computer & Control Abstracts) depends on the subject and quality of those articles. However a list of those journals from which all articles are normally abstracted is given at the end of this list.

- Aarb. Univ. Bergen Mat.-Naturvetensk. Ser. (Norway)** — (ARBMAQ)
Arbok for Universitetet i Bergen, Matematisk-naturvetenskapelig Serie
 University of Bergen. Distribution address: Box 307, Blindern, Oslo 3, Norway
- ABU Tech. Rev. (Japan)** — (ABUTAU)
ABU Technical Review Asian Broadcasting Union, Broadcasting Centre, 2-2-1 Jinnan, Shibuya-ku, Tokyo 150, Japan
- ACEC Rev. (Belgium)** — (ACECA8)
ACEC Review Ateliers de Constructions Electriques de Charleroi, ACEC-VPV, B.P.4, 6000 Marcinelle-Charleroi, Belgium
- ACM Trans. Database Syst. (USA)** — (ATDSD3)
ACM Transactions on Database Systems Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- ACM Trans. Math. Software (USA)** — (ACMSCU)
ACM Transactions on Mathematical Software Association for Computing Machinery, P.O. Box 12105, Church Street Station, New York, NY 10249, USA
- Acta Astron. (Poland)** — (AASWAM)
Acta Astronomica ARS Polona-Ruch, Warszawa 1, P.O. Box 154, Poland
- Acta Astron. Sin. (China)** — (TIWHAO)
Acta Astronomica Sinica Chinese Astronomical Society, Nanking, People's Republic of China [English translations of selected articles in: *Chin. Astron. (GB)*]
- Acta Astronaut. (GB)** — (AASTCF)
Acta Astronautica Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Acta Cienc. Indica** — (ACIDBW)
Acta Ciencia Indica Pragati Prakashan, Begum Bridge, Post Box No. 62, Meerut-250001, India
- Acta Cient. (Argentina)** — (ACINBS)
Acta Cientifica Instituto de Investigaciones Cientificas y Tecnicas de las Fuerzas Armadas (CITEFA), Tres de Febrero 1250, San Martin, Buenos Aires, Argentina
- Acta Crystallogr. Sect. A (Denmark)** — (ACACBN)
Acta Crystallographica Section A: Crystal Physics, Diffraction, Theoretical and General Crystallography Munksgaard International Booksellers and Publishers Ltd., 35 Norre Sogade, DK 1370 Kobenhavn K, Denmark
- Acta Crystallogr. Sect. B (Denmark)** — (ACBCAR)
Acta Crystallographica Section B: Structural Crystallography and Crystal Chemistry Munksgaard International Booksellers and Publishers Ltd., 35 Norre Sogade, DK 1370 Kobenhavn K, Denmark
- Acta Electron. (France)** — (ACELAZ)
Acta Electronica 3 Avenue Descartes, BP 15, 94 450 Limeil-Brevannes, (Val-de-Marne), France
- Acta Fac. Rerum Nat. Univ. Comenianae Phys. (Czechoslovakia)** — (AFRNAP)
Acta Facultatis Rerum Naturalium Universitatis Comenianae, Physica Ustredna kniznica PFUK, 886 11 Bratislava, Ul. 29 Augusta c.5, Czechoslovakia
- Acta Geophys. Pol. (Poland)** — (AGPOAP)
Acta Geophysica Polonica ARS Polona-Ruch, 00-068 Warszawa, Krakowskie Przedmiescie 7, P.O. Box 1001, Poland
- Acta Geophys. Sin. (China)** — (TCWHAG)
Acta Geophysica Sinica Editorial address: Institute of Geophysics, State Bureau of Seismology, East Tsinghua Road, Peking, Peoples Republic of China [English translation in: *Acta Geophys. Sin. (USA)*]
- Acta Geophys. Sin. (USA)** — (TCWHAG)
Acta Geophysica Sinica [Translation of: *Acta Geophys. Sin. (China)*] Plenum/China Program, 227 West 17th Street, New York, NY 10011, USA
- Acta Inf. (Germany)** — (AINFA2)
Acta Informatica Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Acta Manilana Ser. A (Philippines)** — (AMNIB6)
Acta Manilana. Series A University of Santo Tomas Research Centre, Manila D-403, Philippines
- Acta Mech. (Austria)** — (AMHCAP)
Acta Mechanica Springer-Verlag, Molkerbastei 5, Postfach 367, A-1011 Wien, Austria
- Acta Metall. (USA)** — (AMETAR)
Acta Metallurgica Box 1088 Schenectady, NY. Publisher: Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA
- Acta Metall. Sin. (China)** — (CHSPA4)
Acta Metallurgica Sinica Chinese Metallurgical Society, Peking, People's Republic of China
- Acta Mex. Cienc. & Tecnol. (Mexico)** — (AMXCB4)
Acta Mexicana de Ciencia y Tecnologia Consejo Editorial Del Instituto Politecnico Nacional. Prolongacion De Diaz Miron Y Plan De San Luis, Apartado Postal 42-161, Mexico 17, DF, Mexico
- Acta Phys. Acad. Sci. Hung. (Hungary)** — (APAHQ)
Acta Physica Academiae Scientiarum Hungaricae Subscription address: Kultura Hungarian Trading Co. for Books and Newspapers, 1389 Budapest 62, P.O. Box 149, Hungary

- Acta Phys. Austriaca** — (APASAP)
Acta Physica Austriaca Springer-Verlag, Molkerbastei 5, Postfach 367, A-1011 Wien, Austria
- Acta Phys. Pol. A (Poland)** — (ATPLB6)
Acta Physica Polonica A ARS Polona-Ruch, 00-608 Warszawa, Krakowskie Przedmiescie 7, P.O. Box 1001, Poland
- Acta Phys. Pol. B (Poland)** — (APOBBB)
Acta Physica Polonica B ARS Polona-Ruch, 00-068 Warszawa, Krakowskie Przedmiescie 7, P.O. Box 1001, Poland
- Acta Phys. Sin. (China)** — (WLHPAR)
Acta Physica Sinica Chinese Academy of Sciences, Institute of Physics, Peking, Peoples Republic of China
- Acta Phys. Slovaca (Czechoslovakia)** — (APSVCO)
Acta Physica Slovaca VEDA Publishing House of the Slovak Academy of Sciences, 89530 Bratislava, Klemensova 19, Czechoslovakia
- Acta Physiol. Pol. (Poland)** — (APYPAY)
Acta Physiologica Polonica Panstwowy Zaklad Wydawnictw Lekarskich, Warszawa, Ul. Długa 38-40, Poland
- Acta Politec. Mex. (Mexico)** — (APTMAY)
Acta Politecnica Mexicana Instituto Politecnico Nacional, Apartado Postal 42-161, Mexico 17 D.F, Mexico
- Acta Polytech. Ceske Vys. Ucení Tech. v Pr. III (Czechoslovakia)** — (APTECC)
Acta Polytechnica Ceske Vysoke Ucení Technické v Prace III Elektrotechnická fakulta CVUT v Praze, Technická ul. 2, Praha 6-Dejvice, Czechoslovakia
- Acta Polytech. Scand. (Finland)** — (APYEAZ)
Acta Polytechnica Scandinavica Finnish Academy of Technical Sciences, Lonnrotinkatu 37, 00180 Helsinki 18, Finland
- Acta Radiol. Oncol. Radiat. Phys. Biol. (Sweden)**
Acta Radiologica, Oncology Radiation Physics Biology Formerly: *Acta Radiol. Ther. Phys. Biol. (Sweden)* P.O. Box 7053, S103 82 Stockholm, Sweden
- Acta Radiol. Ther. Phys. Biol. (Sweden)** — (ATHBA3)
Acta Radiologica: Therapy Physics Biology Title changed to: *Acta Radiol. Oncol. Radiat. Phys. Biol. (Sweden)*
- Acta Tech. Acad. Sci. Hung. (Hungary)** — (ATSHA8)
Acta Technica Academiae Scientiarum Hungaricae Magyar Tudomanyos Akademia, Alkotmany utca 21, Budapest 5, Hungary
- Acta Tech. CSAV (Czechoslovakia)** — (ATCVA4)
Acta Technica CSAV Academia, Publishing House of the Czechoslovak Academy of Sciences, Vodickova 40, 112 29 Praha 1, Czechoslovakia. John Benjamins N.V., Periodical Trade, Warmoesstraat 54, Amsterdam, Netherlands
- Acta Univ. Szeged. Acta Phys. & Chem. (Hungary)** — (AUSHAF)
Acta Universitatis Szegediensis, Acta Physica et Chemica Jozef Attila Tudomanyegyetem Termeszettudomany Kara, Szeged, Aradi Vertanuk Tere 1, Hungary
- Acustica (Germany)** — (ACUSAY)
Acustica S. Hirzel Verlag K-G, Postfach 347, 7 Stuttgart-N, Germany
- Adhes. Age (USA)** — (ADHAAO)
Adhesives Age Palmerton Publishing Co. Inc., 461 Eighth Avenue, New York, NY 10001, USA
- ADL-Nachr. (Germany)** — (ADLNAF)
ADL-Nachrichten Title changed to: *Online-ADL-Nachr. (Germany)*
- Adv. Appl. Probab. (GB)** — (AAPBBD)
Advances in Applied Probability University of Sheffield, Department of Probability and Statistics, Sheffield, S3 7RH, England
- Adv. Colloid & Interface Sci. (Netherlands)** — (ACISB9)
Advances in Colloid and Interface Science Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Adv. Mol. Relaxation & Interaction Processes (Netherlands)** — (AMRPDF)
Advances in Molecular Relaxation and Interaction Processes Formerly: *Adv. Mol. Relaxation Processes (Netherlands)* Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Adv. Mol. Relaxation Processes (Netherlands)** — (AMRPBD)
Advances in Molecular Relaxation Processes Title changed to: *Adv. Mol. Relaxation & Interaction Processes (Netherlands)*
- Adv. Phys. (GB)** — (ADPHAH)
Advances in Physics Taylor & Francis Ltd., 10-14 Macklin Street London, WC2B 5NF, England
- AECL Res. & Dev. Eng. (Canada)** — (AERDCO)
AECL Research and Development in Engineering Atomic Energy of Canada Ltd., Chalk River, Nuclear Laboratories, Chalk River, Ontario, Canada
- AEDS J. (USA)** — (AEDSAV)
AEDS Journal Association for Educational Data Systems, 1201 16th Street, N.W., Washington, DC 20036, USA
- AEDS Monit. (USA)** — (AEDMAD)
AEDS Monitor Association for Educational Data Systems, 1201 16th Street, N.W., Washington, DC 20036, USA

- Aeronaut. & Astronaut. (France)** — (AENABS)
L'Aeronautique et l'Astronautique Editions Air et Cosmos, 6 Rue Anatole de la Forge, 75017 Paris, France
- Aeronaut. J. (GB)** — (AENJAK)
Aeronautical Journal Royal Aeronautical Society, 4 Hamilton Place, London, W1V 0BO, England
- Aeronaut. Q. (GB)** — (AEQUAY)
Aeronautical Quarterly Royal Aeronautical Society, 4 Hamilton Place, London, W1V 0BO, England
- Aerotec. Missili & Spazio (Italy)** — (ATMSCD)
L'Aerotecnica Missili e Spazio Tamburini Editore S.P.A., Via Pascoli 55, 20133 Milano, Italy
- AEU (Japan)** — (AEUNAX)
AEU (Journal of Asia Electronics Union) Dempa Publications Inc., 11-15 Higashi Gotanda 1-chome, Shinagawa-ku, Tokyo 141, Japan
- AIAA J. (USA)** — (ATAJAH)
AIAA Journal American Institute of Aeronautics and Astronautics, 1290 Avenue of the Americas, New York, NY 10019, USA
- AICHe J. (USA)** — (AICEAC)
A.I.Ch.E. Journal American Institute of Chemical Engineers, 345 East 47th Street, New York, NY 10017, USA
- AIIE Trans. (USA)** — (AIITAJ)
AIIE Transactions American Institute of Industrial Engineers, 25 Technology Park/Atlanta, Norcross, GA 30071, USA
- AIP Conf. Proc. (USA)** — (APCPCS)
AIP Conference Proceedings American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Aircr. Eng. (GB)** — (AIENAF)
Aircraft Engineering Bunhill Publications Ltd., 127 Stanstead Road, London, SE23 1JE, England
- Aktual. Probl. Inf. & Dok. (Poland)** — (APDKAG)
Aktualne Problemy Informacji i Dokumentacji Centrum Informacji Naukowej, Technicznej i Ekonomicznej, Warszawa, Al Niepodleglosci 188, Poland
- Akust. Zh. (USSR)** — (AKZHAE)
Akusticheskii Zhurnal Akademii Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: Sov. Phys.-Acoust. (USA)]
- Alfaath Univ. Bull. Fac. Eng. (Libya)** — (BFEUDT)
Alfaath University Bulletin of the Faculty of Engineering P.O. Box 1098, Tripoli, Libya
- ALGOL Bull. (GB)** — (ALGOBG)
ALGOL Bulletin Editorial address: Department of Computer Science, University of Manchester, Manchester M13 9PL, England
- Alkalmazotti Mat. Lapok (Hungary)** — (AMLAD8)
Alkalmazotti Matematikai Lapok Akademiai Kiado, 1055 Budapest V, Alkotmany Utca 21, Hungary
- Allis-Chalmers Eng. Rev. (USA)** — (ACERBK)
Allis-Chalmers Engineering Review Milwaukee, WI 53201, USA
- Alta Freq. (Italy)** — (ALFRAJ)
Alta Frequenza Ufficio Centrale AEI-CEI, Viale Monza 259, 20126 Milano, Italy
- Am. Ceram. Soc. Bull. (USA)** — (ACSBA7)
American Ceramic Society Bulletin 65 Ceramic Drive, Columbus, OH 43214, USA
- Am. J. EEG Technol. (USA)** — (AJETA6)
American Journal of EEG Technology Raven Press Publishers, 1140 Avenue of the Americas, New York, NY 10036, USA
- Am. J. Optom. & Physiol. Opt. (USA)** — (AOPOCF)
American Journal of Optometry and Physiological Optics Williams & Wilkins Co., 428 East Preston Street, Baltimore, MD 21202, USA
- Am. J. Phys. (USA)** — (AJPIAS)
American Journal of Physics Published for the American Association of Physics Teachers by the American Institute of Physics, 335 East 47th Street, New York, NY 10017, USA
- Am. J. Phys. Med. (USA)** — (AJPBAT)
American Journal of Physical Medicine Williams and Wilkins Co., 428 East Preston Street, Baltimore, MD 21202, USA
- Am. J. Sci. (USA)** — (AJSCAP)
American Journal of Science Kline Geology Laboratory, Yale University, Box 2161, New Haven, CT 06520, USA
- Am. Lab. (USA)** — (ALBYBL)
American Laboratory International Scientific Communications Inc., 808 Kings Highway Fairfield, CT 06430, USA
- Am. Mineral. (USA)** — (AMMIAI)
American Mineralogist Mineralogical Society of America, 1909 K Street, N.W., Washington, DC 20006, USA
- Am. Sci. (USA)** — (AMSCAC)
American Scientist Society of Sigma XI, 345 Whitney Avenue, New Haven, CT 06510, USA
- AMR (Germany)** — (AMRTAO)
AMR Sprechsaal-Verlag Muller & Schmidt, 8630 Coburg, Mauer 2, P.O. Box 401, Germany
- An. Acad. Bras. Cienc. (Brazil)** — (AABCAD)
Anais da Academia Brasileira de Ciencias Caixa Postal 229, ZC-00 Rio de Janeiro gb, Brazil
- An. Fis. (Spain)** — (ANFIA6)
Anales de Fisica Real Sociedad Espanola de Fisica y Quimica (Facultad de Ciencias), Ciudad Universitaria, Madrid-3, Spain
- An. Mec. & Electr. (Spain)** — (AMEMA6)
Anales de Mecanica y Electricidad Reina 31, Madrid-4, Spain
- An. Stiint. Univ. 'A.I.I. Cuza' Iasi (Ser. Noua) Sect. IB (Rumania)** — (AUZFAA)
Analele Stiintifice ale Universitatii 'A.I.I. Cuza' din Iasi (Serie Noua) Sectiunea IB Fizica Calea 23 August, Iasi, Rumania
- Anal. Adv. (USA)** — (AAHPBF)
Analytical Advances Hewlett Packard Co., Avondale, PA 19311, USA
- Anal. Chem. (USA)** — (ANCHAM)
Analytical Chemistry American Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036, USA
- Anal. Chim. Acta Comput. Tech. & Optimiz. (Netherlands)** — (CTOPD3)
Analytica Chimica Acta Computer Techniques and Optimization Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Anal. Math. (Hungary)** — (ANMADK)
Analysis Mathematica Kultura, Hungarian Trading Company for Books and Newspapers, H-1389 Budapest, P.O. Box 149, Hungary
- Anal. MG (France)** — (ANMG3C)
Analyses MG Revue Technique Merlin Gerin DEP, 83 X, 38041 Grenoble Cedex, France
- Analog Dialogue (USA)** — (ANDIDX)
Analog Dialogue P.O. Box 280, Norwood, MA 02062, USA
- Angew. Inf. (Germany)** — (AWIFA7)
Angewandte Informatik (Applied Informatics) Formerly: Elektron. Datenverarb. (Germany) Friedr. Vieweg & Sohn Verlagsgesellschaft mbH, 6200 Wiesbaden, Gustav-Stresemann-Ring 12-16, Germany
- Ann. Acad. Sci. Fenn. Ser. AI (Finland)** — (AAFMAT)
Annales Academiae Scientiarum Fennicae, Series AI (Mathematica) Snellmaninkatu 9-11, 00170 Helsinki 17, Finland
- Ann. Acad. Sci. Fenn. Ser. AII (Finland)** — (AAFCAX)
Annales Academiae Scientiarum Fennicae, Series AII (Chemica) Snellmaninkatu 9-11, 00170 Helsinki 17, Finland
- Ann. Acad. Sci. Fenn. Ser. AVI (Finland)** — (AAFP44)
Annales Academiae Scientiarum Fennicae, Series AVI (Physica) Snellmaninkatu 9-11, 00170 Helsinki 17, Finland
- Ann. Biomed. Eng. (USA)** — (ABMECF)
Annals of Biomedical Engineering Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- Ann. Geofis. (Italy)** — (AGFRAI)
Annali di Geofisica Istituto Nazionale di Geofisica, Citta Universitaria, Via Ruggero Bonghi 11/B, 00184 Roma, Italy
- Ann. Geophys. (France)** — (AGEPAT)
Annales de Geophysique Service des Publications du CNRS, 15 Quai Anatole-France, 75700 Paris, France
- Ann. Inst. Henri Poincare Sect. A (France)** — (AHPAAO)
Annales de l'Institut Henri Poincare, Section A (Physique Theorique) 11 Rue Pierre-Curie, Paris 5, France
- Ann. Inst. Henri Poincare Sect. B (France)** — (AHPBAR)
Annales de l'Institut Henri Poincare, Section B (Calcul des Probabilites et Statistique) 11 Rue Pierre-Curie, Paris 5, France
- Ann. Nucl. Energy (GB)** — (ANENDJ)
Annals of Nuclear Energy Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Ann. Phys. (France)** — (ANPHAJ)
Annales de Physique Masson et Cie S.A., 120 Boulevard Saint-Germain, F-75280 Paris Cedex 06, France
- Ann. Phys. (Germany)** — (ANPYA2)
Annalen der Physik J.A. Barth, Salomonstrasse 18B, Leipzig 701, Germany
- Ann. Phys. (USA)** — (APNYA6)
Annals of Physics Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- Ann. Sci. (GB)** — (ANNSA8)
Annals of Science Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Ann. Soc. Sci. Bruxelles Ser. I (Belgium)** — (ASSBAH)
Annales de la Societe Scientifique de Bruxelles, Serie I, Sciences Mathematiques, Astronomiques et Physiques Rue de Bruxelles 61, B5000 Namur, Belgium
- Ann. Telecommun. (France)** — (ANTEAU)
Annales des Telecommunications Centre National d'Etudes des Telecommunications, 38 Rue du General Leclerc, 92131 Issy-Les-Moulineaux, France
- Ann. Tokyo Astron. Obs. (Japan)** — (ATAOA7)
Annals of the Tokyo Astronomical Observatory University of Tokyo, Mitaka, Tokyo, Japan
- Ann. Univ. Turku. Ser. AI (Finland)** — (AUTUAP)
Annales Universitatis Turkuensis, Ser AI (Astronomica-Chemica-Physica-Mathematica) Turun Yliopisto, Turku, Finland
- Annu. Proc. Assoc. Sci. & Tech. Soc. S. Afr. (S. Africa)** — (ATSAAL)
Annual Proceedings of the Associated Scientific and Technical Societies of South Africa Kelvin House, Marshall and Hollard Streets, PO Box 5907, Johannesburg, South Africa
- Annu. Rep. Eng. Res. Inst. Fac. Eng. Univ. Tokyo (Japan)** — (AFUTAO)
Annual Report of the Engineering Research Institute, Faculty of Engineering, University of Tokyo Tokyo, Japan
- Annu. Rep. Res. React. Inst. Kyoto Univ. (Japan)** — (KURAAV)
Annual Reports of the Research Reactor Institute Kyoto University Osaka, Japan
- Annu. Rev. Autom. Program. (GB)** — (ARVAAM)
Annual Review in Automatic Programming Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Annu. Univ. Sofia Fac. Phys. (Bulgaria)** — (SUFGA9)
Annuaire de l'Universite de Sofia Faculte de Physique Sofiya, Bulgaria
- Anritsu Tech. Bull. (Japan)** — (ANTKAE)
Anritsu Technical Bulletin Anritsu Electric Co. Ltd., 12-20, 4 chome, Minami-Azabu, Minato-ku, Tokyo, Japan
- Antenna (Italy)** — (ANTNBO)
L'Antenna Via Monte Generoso 6/a, 20155 Milano, Italy
- APE Eng. (GB)** — (APEEA3)
APE Engineering Amalgated Power Engineering Ltd., P.O. Box 43, Bedford MK40 4JB, England
- APL Tech. Dig. (USA)** — (APLDAZ)
APL Technical Digest Applied Physics Laboratory, John Hopkins University, John Hopkins Road, Laurel, MD 20810, USA
- Appl. Mat. (Czechoslovakia)** — (APMTAK)
Aplikace Matematiky Academia, Publishing House of the Czechoslovak Academy of Sciences, Votickova 40, 112 29 Praha 1, Czechoslovakia
- Appl. Acoust. (GB)** — (AACOBL)
Applied Acoustics Applied Science Publishers, Ripple Road, Barking, Essex, England
- Appl. Anal. (GB)** — (APANCC)
Applicable Analysis Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Appl. Energy (GB)** — (APENDX)
Applied Energy Applied Science Publishers Ltd., Ripple Road, Barking, Essex, England
- Appl. Ergonomics (GB)** — (AERGBW)
Applied Ergonomics IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Appl. Math. & Mech. (USA)** — (AMMGBH)
Applied Mathematics and Mechanics [Translation of: Prikl. Mat. & Mekh. (USSR)] Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA
- Appl. Math. & Optimiz. (USA)** — (AMOMBN)
Applied Mathematics and Optimization Springer-Verlag Inc. New York, 175 Fifth Avenue, New York, NY 10010, USA
- Appl. Math. Modelling (GB)** — (AMMODB)
Applied Mathematical Modelling IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Appl. Opt. (USA)** — (APOPAT)
Applied Optics Published for the Optical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA

- Appl. Phys. (Germany)** — (APHYCC)
Applied Physics Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Appl. Phys. Lett. (USA)** — (APPLAB)
Applied Physics Letters American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Appl. Sci. Res. (Netherlands)** — (ASRHAU)
Applied Scientific Research Martinus Nijhoff, Lange Voorhout 9, Den Haag, Netherlands
- Appl. Sol. Energy (USA)** — (ASOE6)
Applied Solar Energy [Translation of: *Geliotekhnika (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Appl. Spectrosc. (USA)** — (APSPA4)
Applied Spectroscopy 428 East Preston Street, Baltimore, MD 21202, USA
- Appl. Spectrosc. Rev. (USA)** — (APSRBB)
Applied Spectroscopy Reviews Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Appl. Stat. (GB)** — (APSTAG)
Applied Statistics (Journal of the Royal Statistical Society Series C) Royal Statistical Society, 25 Enford Street, London, W1H 2BH, England
- Appl. Surf. Sci. (Netherlands)** — (ASUDD)
Applications of Surface Science North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Arch. Acoust. (Poland)** — (AACODN)
Archives of Acoustics Polish Academy of Sciences, Palac Kultury i Nauki, 00-901 Warszawa, Poland
- Arch. Autom. & Telem. (Poland)** — (AATMAV)
Archiwum Automatyki i Telemechaniki Polska Akademia Nauk, Zakład Automatyki. Subscription address: CKPW 'Ruch', ul Wilcza 46, Warszawa 1, Poland
- Arch. Eisenbahntech. (Germany)** — (AEBTAA)
Archiv für Eisenbahntechnik Hestra-Verlag, 61 Darmstadt, Holzhofallee 33, Germany
- Arch. Eisenhuettenwes. (Germany)** — (AREIAT)
Archiv für das Eisenhüttenwesen Verlag Stahleisen mGH, 4 Dusseldorf 1, Postfach 8229, Germany
- Arch. Elektron. & Übertragungstechn. (Germany)** — (AEUTAH)
Archiv für Elektronik und Übertragungstechnik (Electronics and Communication) S. Hirzel Verlag, D-7 Stuttgart 1, Birkenwaldstrasse 44, Postfach 347, Germany
- Arch. Elektrotech. (Germany)** — (AELTA6)
Archiv für Elektrotechnik Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Arch. Elektrotech. (Poland)** — (ARELA4)
Archiwum Elektrotechniki Polska Akademia Nauk, Warszawa, ul Koszykowa 75. Subscription address: Export-Import Enterprise 'Ruch', ul. Wronia 23, Warszawa 1, Poland
- Arch. Hutn. (Poland)** — (AHUTA4)
Archiwum Hutnictwa Export-Import Enterprise 'Ruch', ul. Wilcza 46, Warszawa 1, Poland
- Arch. Math. Logik & Grundlagenforsch. (Germany)** — (AMLGAN)
Archiv für Mathematische Logik und Grundlagenforschung Verlag W. Kohlhammer GmbH, Stuttgart 1, Postfach 747, Urbanstrasse 12-16, Germany
- Arch. Mech. (Poland)** — (AMESAO)
Archives of Mechanics (Archiwum Mechaniki Stosowanej) Polish Scientific Publishers, Swietokrzyska 21, Warszawa, Poland
- Arch. Ration. Mech. & Anal. (Germany)** — (AVRMAW)
Archiv für Rational Mechanics and Analysis Springer-Verlag, D1000 Berlin 33, Heidelberger Platz 3, Germany
- Arch. Sci. (Switzerland)** — (ASGVAH)
Archives des Sciences Societe de Physique et d'Histoire Naturelle de Geneve. Subscription address: Librairie Payot, 6 Rue Grenus, 1211 Geveva 11, Switzerland
- Archaeometry (GB)** — (ARCHAG)
Archaeometry Cambridge University Press, P.O. Box 92, London, NW1 2DB, England
- Ark. Fys. Semin. Trondheim (Norway)** — (AFYTAA)
Arkiv for det Fysiske Seminar i Trondheim c/o Institutt for Teoretisk Fysikk, Universitetet i Trondheim, NTH, N-7034 Trondheim, Norway
- Ark. Mat. (Sweden)** — (AKMTAJ)
Arkiv for Matematik Institut Mittag-Leffler, Auravagen 17, S-182 62 Djursholm, Sweden
- Artif. Intell. (Netherlands)** — (AINTBB)
Artificial Intelligence North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- ASEA J. (Sweden)** — (ASEJA5)
ASEA Journal Allmanna Svenska Elektriska AB, S-721 83 Vasteras, Sweden
- ASLE Trans. (USA)** — (ASLTA2)
ASLE Transactions American Society of Lubrication Engineers, 838 Busse Highway, Park Ridge, IL 60068, USA
- ASLIB Proc. (GB)** — (ASLPAO)
ASLIB Proceedings 3 Belgrave square, London, SW1X 8PL, England
- Assoc. Lit. & Linguist. Comput. Bull. (GB)** — (ALLCB5)
Association for Literary and Linguistic Computing Bulletin Editorial address: Mrs. J.M. Smith, 6 Sevenoaks Avenue, Heaton Moor, Stockport, Cheshire SK4 4AW, Wales
- ASTM Stand. News (USA)** — (STDNAD)
ASTM Standardization News American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103, USA
- Astrofizika (USSR)** — (ASTKBB)
Astrofizika Academy of the Armenian SSR, Erevan, USSR [English translation in: *Astrophysics (USA)*]
- Astrometriya & Astrofiz. (USSR)** — (AAFBZB)
Astrometriya i Astrofizika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Astron. & Astrophys. (Germany)** — (AAEJAF)
Astronomy and Astrophysics Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Astron. & Astrophys. Suppl. Ser. (Switzerland)** — (AAESB9)
Astronomy and Astrophysics Supplement Series Institut d'Astronomie de l'Universite de Lausanne et Observatoire de Geneve, CH-1290 Sauverny, Switzerland
- Astron. & Space (GB)** — (AASPB9)
Astronomy & Space Bratton Publishing Ltd., 17 Rutland Street, Edinburgh, EH1 2AQ, Scotland
- Astron. J. (USA)** — (ANJOAA)
Astronomical Journal Published for the American Astronomical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Astron. Nachr. (Germany)** — (ASNAAN)
Astronomische Nachrichten Akademie-Verlag, DDR-108 Berlin, Leipziger Strasse 3-4, Germany
- Astron. Tidsskr. (Sweden)** — (ANTKBF)
Astronomisk Tidskrift Editorial address: Institutionen for Astronomi, 222 24 Lund, Sweden
- Astron. Vestn. (USSR)** — (ASVEA7)
Astronomicheskii Vestnik ab/yasht 918, Moskva, K-9, USSR [English translation in: *Sol. Syst. Res. (USA)*]
- Astron. Zh. (USSR)** — (ASZHA2)
Astronomicheskii Zhurnal Agent: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Sov. Astron. (USA)*]
- Astronomy (USA)** — (ASTRD5)
Astronomy Astro Media Corp., 411 E. Mason Street, 6th Floor, Milwaukee, WI 53202, USA
- Astrophys. & Space Sci. (Netherlands)** — (APSSBE)
Astrophysics and Space Science D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Astrophys. J. (USA)** — (ASJOAB)
Astrophysical Journal University of Chicago Press, 5801 Ellis Avenue, Chicago, IL 60637, USA
- Astrophys. J. Lett. Ed. (USA)** — (AJLEAU)
Astrophysical Journal. Letters to the Editor University of Chicago Press, 5801 Ellis Avenue, Chicago, IL 60637, USA
- Astrophys. J. Suppl. (USA)** — (APJSA2)
Astrophysical Journal Supplement University of Chicago Press, 5801 Ellis Avenue, Chicago, IL 60637, USA
- Astrophys. Lett. (GB)** — (ASTLAI)
Astrophysical Letters Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Astrophysics (USA)** — (ATPYAA)
Astrophysics [Translation of: *Astrofizika (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- At. & Strom (Germany)** — (ATSTAA)
Atom und Strom Vereinigung Deutscher Elektrizitätswerke, Verlags- u. Wirtschaftsgesellschaft der Elektrizitätswerke, Stresemannallee 23, 6000 Frankfurt (Main) 70, Germany
- At. Absorpt. Newsl. (USA)** — (AABNAC)
Atomic Absorption Newsletter Perkin Elmer Corp., Main Avenue, Norwalk, CT 06856, USA
- At. Data & Nucl. Data Tables (USA)** — (ADNDAT)
Atomic Data and Nuclear Data Tables Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- At. Energ. (USSR)** — (AENGAB)
Atomnaya Energiya Akademiya Nauk SSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Sov. At. Energy (USA)*]
- At. Energy Aust. (Australia)** — (AEAUAM)
Atomic Energy in Australia Australian Atomic Energy Commission, Post Office, Coogee, N.S.W. 2034, Australia
- At. Energy Rev. (Austria)** — (AERVA8)
Atomic Energy Review International Atomic Energy, Karntner Ring 11, P.O. Box 590, A-1011 Vienna, Austria
- Atmos. Environ. (GB)** — (ATENBP)
Atmospheric Environment Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Atom (GB)** — (ATMMAR)
Atom United Kingdom Atomic Energy Authority, 11 Charles II Street, London, SW1Y 4QP, England
- Atomkernenergie (Germany)** — (ATKEAR)
Atomkernenergie Verlag Karl Thiemig AG, Pilgersheimerstrasse 38, Postfach 90 0740, D-8000 München 90, Germany
- Atomwirtsch.-Atomtech. (Germany)** — (AWAKAG)
Atomwirtschaft-Atomtechnik Handelsblatt GmbH, 4 Dusseldorf 1, Kreuzstrasse 21, Postfach 1102, Germany
- Atomenergie, Toepass. (Netherlands)** — (AETPAY)
Atomenergie en haar Toepassingen Title changed to: *Energiespectrum (Netherlands)*
- Atti Accad. Ligure Sci. & Lett. (Italy)** — (AALGA7)
Atti della Accademia Ligure di Scienze e Lettere Palazzo Reale, Via Balbi 10, 16126 Genova, Italy
- Atti Accad. Naz. Lincei, Rend. Cl. Sci. Fis. Mat. & Nat. (Italy)** — (AANLAW)
Atti della Accademia Nazionale dei Lincei. Rendiconti, Classe di Scienze Fisiche, Matematiche e Naturali Via della Lungara 10, 000165 Roma, Italy
- Atti Accad. Sci. Torino I (Italy)** — (AATFAA)
Atti della Accademia delle Scienze di Torino. I. Classe di Scienze Fisiche, Matematiche e Naturali Via Accademia delle Scienze 6, Via Maria Vittoria 3, Torino (208), Italy
- Atti Fond. Giorgio Ronchi (Italy)** — (AFDGA2)
Atti della Fondazione Giorgio Ronchi Largo Enrico Fermi 1, 50125 Arcetri-Firenze, Italy
- Atti Semin. Mat. & Fis. Univ. Modena (Italy)** — (ASMMAK)
Atti del Seminario Matematico e Fisico dell'Universita di Modena Modena, Italy
- Atti Soc. Peloritana Sci. Fis. Mat. & Nat. (Italy)** — (ASPSAJ)
Atti della Societa Peloritana di Scienze Fisiche Matematiche e Naturali Universita di Messina, Messina, Italy
- Audio Scene Can. (Canada)** — (AUSCC2)
Audio Scene Canada Maclean-Hunter Ltd., 481 University Avenue, Toronto M5W 1A7, Canada
- Aust. Comput. J. (Australia)** — (ACMJB2)
Australian Computer Journal Australian Trade Publications, 28 Chippen Street, Chippendale, N.S.W. 2008, Australia
- Aust. Electron. Eng. (Australia)** — (AUEEB5)
Australian Electronics Engineering Thomson Publications (Australia) Pty. Ltd., 47 Chippen Street, Chippendale, N.S.W. 2008, Australia
- Aust. Geomech. J. (Australia)** — (AUGJBU)
Australian Geomechanics Journal Institution of Engineers, Australia, Science House, Gloucester & Essex Streets, Sydney, N.S.W. 2000, Australia
- Aust. J. Instrum. & Control (Australia)** — (AJICA9)
Australian Journal of Instrumentation and Control Research Publications Pty. Ltd., 418 Canterbury Road, Surrey Hills 3127, Victoria, Australia
- Aust. J. Phys. (Australia)** — (AUPAS)
Australian Journal of Physics Commonwealth Scientific and Industrial Research Organization, Sixth Floor, 372 Albert Street, East Melbourne, Victoria 3002, Australia

- Aust. J. Phys. Astrophys. Suppl. (Australia)** — (AJPAB5)
Australian Journal of Physics, Astrophysical Supplement Commonwealth Scientific and Industrial Research Organization, Sixth Floor, 372 Albert Street, East Melbourne, Victoria 3002, Australia
- Aust. Telecommun. Res. (Australia)** — (ATRAHB)
Australian Telecommunication Research Telecommunication Society of Australia, Box 4050, G.P.O., Melbourne, Victoria 3001, Australia
- Autom. & Control (New Zealand)** — (AUCODR)
Automation and Control Associated Group Media Ltd., Certified Concrete Building, Madeira Place, Auckland 1, New Zealand
- Autom. & Inf. Ind. (France)** — (AQIIA8)
Automatique & Informatique Industrielles Societe des Editions Radio, 9 Rue Jacob, 75006 Paris, France
- Autom. & Remote Control (USA)** — (AURCAT)
Automation and Remote Control [Translation of: *Autom. & Telemekh. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Autom. & Strum. (Italy)** — (ATSZAS)
Automazione e Strumentazione Associazione Nazionale Italiana per l'Automazione, Via Le Premuda 2, 21029 Milano, Italy
- Autom. Act. Health Sci. Libr. (USA)** — (LARLD6)
Automated Activities in Health Sciences Libraries LARC Association, P.O. Box 27235, Tempe, AZ 85282, USA
- Autom. Control & Comput. Sci. (USA)** — (ACCSCE)
Automatic Control and Computer Sciences [Translation of: *Autom. & Vychisl. Tekh. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Autom. Control Theory & Appl. (Canada)** — (ACTACB)
Automatic Control Theory and Applications Acta Press, P.O. Box 3243, Postal Station B, Calgary, Alberta T2M 4L8, Canada
- Autom. Data Process. Inf. Bull. (Belgium)**
Automatic Data Processing Information Bulletin International Social Security Association, Data Processing Consultative Service, Boulevard de l'Emperuer 7, B-1000 Brussels, Belgium
- Autom. Mach. (USA)** — (AUMA4W)
Automatic Machining Screw Machine Publishing Co. Inc., 65 Broad Street, Rochester, NY 14614, USA
- Autom. Monit. & Meas. (GB)** — (AUMMC2)
Automatic Monitoring and Measuring [Translation of: *Autometriya (USSR)*] Scientific Information Consultants Ltd., 661 Finchley Road, London NW2 2HN, England
- Autom. Syst. Rizeni (Czechoslovakia)** — (ASRID2)
Automatizovane Systémy Rizení-Bulletin INGORA INORGA, Praha 1, Letenská Ul. 17, Czechoslovakia
- Autom. Weld. (GB)** — (AUWEAQ)
Automatic Welding [Translation of: *Autom. Svarka (USSR)*] Welding Institute, Abington Hall, Abington, Cambridge CB1 6AL, England
- Automatica (GB)** — (ATCAA9)
Automatica Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Automatie (Netherlands)** — (AUTOA7)
Automatie Breedenbroekseweg 8A, Voorst bij Gendringen, Amsterdam, Netherlands
- Automatika (Yugoslavia)** — (ATKAAF)
Automatika Zagreb, Unska Ulica br.17, Postanski Pretinac 123, Yugoslavia
- Automation (GB)** — (ATMNBV)
Automation E.D. Publications Ltd., 120 Wigmore Street, London, W1H 0AS, England
- Automation (USA)** — (ATMNAU)
Automation Title changed to: *Prod. Eng. (USA)*
- Automatisme (France)** — (AUMTAL)
Automatisme Dunod/Gauthier-Villars, Centrale des Revues, 24-26 Boulevard de L'Hopital, 75005 Paris, France
- Automatizace (Czechoslovakia)** — (AUTMAZ)
Automatizace SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia
- Automedica (GB)** — (AUMDC9)
Automedica Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Automot. Eng. (USA)** — (AUEGBB)
Automotive Engineering Society of Automotive Engineers Inc., 400 Commonwealth Drive, Warrendale, PA 15096, USA
- AV Commun. Rev. (USA)** — (AVCRD9)
AV Communication Review Association for Educational Communications and Technology, 1126 16th Street, N.W., Washington, DC 20036, USA
- Avh. Nor. Vidensk.-Akad. Oslo I (Norway)** — (AUNVAW)
Afhandlering utgitt av det Norske Videnskaps-Akademi i Oslo, I. Matematisk-Naturvidenskaplige Klasse Faculty of Mathematics and Science, University of Oslo, Blindern per Oslo, Norway
- Aviat. Rev. (GB)** — (AVRVBQ)
Aviation Review Smiths Industries Ltd., Aviation Division, Cricklewood, London NW2 6JN, England
- Avtom. & Telemekh. (USSR)** — (AVTEAD)
Automatika i Telemekhanika Akademiyā Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Autom. & Remote Control (USA)*]
- Avtom. & Vychisl. Tekh. (USSR)** — (AVYTAK)
Automatika i Vychislitel'naya Tekhnika Academy of Sciences of Latvian SSR, Riga, USSR [English translation in: *Autom. Control & Comput. Sci. (USA)*]
- Avtom. Svarka (USSR)** — (AVSVAU)
Automaticheskaya Svarka Ukrainian SSR Academy of Sciences, Arc Welding Institute, Kiev, USSR [English translation in: *Autom. Weld. (GB)*]
- Avtom. Telemekh. & Syvaz (USSR)** — (ATSVAG)
Automatika, Telemekhanika, Syvaz' 262 Karl Marx Street, 11 Moskva, USSR
- Avtomatika (USSR)** — (AVTMA8)
Automatika Institution of Cybernetics, 102 Brest-Litovskii Prospekt, Kiev 57, USSR [English translation in: *Sov. Autom. Control (USA)*]
- Autometriya (USSR)** — (AVMEBI)
Autometriya Science Publishing House, Siberian Division, Novosibirsk, USSR [English translation in: *Autom. Monit. & Meas. (GB)*]
- AWA Tech. Rev. (Australia)** — (AWARA3)
AWA Technical Review AWA Research Laboratories, 422 Lane Cove Road, North Ryde, N.S.W., Australia
- Bauelem. Elektrotech. (Germany)** — (BEETAG)
Bauelemente der Elektrotechnik Verlag für Technik und Wirtschaft Meynen KG, 62 Wiesbaden, Kaiser-Friedrich-Ring 49, Postfach 5709, Germany
- BBC Eng. (GB)** — (BBEGBP)
BBC Engineering British Broadcasting Corporation Publications, 35 Marylebone High Street, London, W1M 4AA, England
- BBC Nachr. (Germany)** — (BBCNAZ)
BBC Nachrichten Brown Boveri & Cie, Aktiengesellschaft, 6800 Mannheim 1, Postfach 351, Germany
- Beck Isoliertechnik. (Germany)** — (BITKAO)
Beck Isoliertechnik Beck Elektro-Isoliertechnik, 200 Hamburg 28, Postfach 280 180, Grossmannstrasse 105, Germany
- Behav. Res. Methods & Instrum. (USA)** — (BRMIAC)
Behavior Research Methods and Instrumentation Psychonomic Society Inc., 1108 West 34th Street, Austin, TX 78705, USA
- Behav. Sci. (USA)** — (BEHSAS)
Behavioral Science University of Louisville P.O. Box 35260, Louisville, KY 40232, USA
- Beitr. Plasma Phys. (Germany)** — (BPPHAA)
Beiträge aus der Plasma Physik Akademie-Verlag, 108 Berlin, Leipzigerstrasse 3-4, Germany
- Belgelectro-Export (Belgium)** — (BEEXAS)
Belgelectro-Export 21 rue des Drapiers, 1050 Bruxelles, Belgium
- Bell J. Econ. (USA)** — (BJECD3)
Bell Journal of Economics Formerly: *Bell J. Econ. & Manage. Sci. (USA)* American Telephone and Telegraph Co., 195 Broadway, Room C 1800, New York, NY 10007, USA
- Bell Lab. Rec. (USA)** — (BLRCAB)
Bell Laboratories Record Bell Telephone Laboratories, Mountain Avenue, Murray Hill, NJ 07974, USA
- Bell Syst. Tech. J. (USA)** — (BSTJAN)
Bell System Technical Journal American Telephone and Telegraph Co., 195 Broadway, New York, NY 10007, USA
- Ber. Bunsenges. Phys. Chem. (Germany)** — (BBPCAX)
Berichte der Bunsengesellschaft für Physikalische Chemie Verlag Chemie, 694 Weinheim/Bergstrasse, Postfach 1260/1280, Germany
- Ber. Dtsch. Keram. Ges. (Germany)** — (BDKGAY)
Berichte der Deutschen Keramischen Gesellschaft 534 Bad Honnef 1, Menzenberger Strasse 47, Postfach 129, Germany
- Bio-Med. Eng. (GB)** — (BIMEB6)
Bio-Medical Engineering Title changed to: *J. Med. Eng. & Technol. (GB)*
- Biofizika (USSR)** — (BIOFAI)
Biofizika Izdatel'stvo 'Nauka', Moskva, USSR [English translation in: *Biophysics (GB)*]
- Biol. Cybern. (Germany)** — (BICYAF)
Biological Cybernetics Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Biomater. Med. Devices & Artif. Organs (USA)** — (BMDOAI)
Biomaterials, Medical Devices, and Artificial Organs Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Biomed. Eng. (USA)** — (BIOEAF)
Biomedical Engineering [Translation of: *Med. Tekh. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Biomed. Tech. (Germany)** — (BMZTA7)
Biomedizinische Technik (Biomedical Engineering) Fachverlag Schiele & Schon GmbH, 1 Berlin 16, Markgrafenstrasse 11, Germany. Georg Thieme Verlag, 7 Stuttgart 1, Postfach 732, Herdweg 63, Germany
- Biometrika (GB)** — (BIOKAX)
Biometrika Biometrika Trust, Biometrika Office, University College London, Gower Street, London, WC1E 6BT, England
- Bionika (USSR)** — (BNKABJ)
Bionika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Biophys. J. (USA)** — (BIOJAU)
Biophysical Journal Rockefeller University Press, 1230 York Avenue, New York, NY 10021, USA
- Biophys. Struct. & Mech. (Germany)** — (BSMHBB)
Biophysics of Structure and Mechanism Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Biophysics (GB)** — (BIOPAE)
Biophysics [Translation of: *Biofizika (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Biorheology (GB)** — (BRHLAU)
Biorheology Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Biotelem. & Patient Monit. (Switzerland)** — (BPMODJ)
Biotelemetry and Patient Monitoring Formerly: *Biotelemetry (Switzerland)* S. Karger AG, Arnold-Bocklin-Strasse 25, CH-4011 Basel, Switzerland
- Biotelemetry (Switzerland)** — (BTMYA6)
Biotelemetry Title changed to: *Biotelem. & Patient Monit. (Switzerland)*
- BIT (Sweden)** — (NBITAB)
BIT (Nordisk Tidskrift för Informationsbehandling) Institutionen för Informationsbehandling, Lunds Universitet, Solvegatan 14A, S-22362 Lund, Sweden
- Biul. Inst. Energ. (Poland)** — (BIEGA5)
Biuletyn Instytutu Energetyki Issued with: *Energetyka (Poland)*
- BKSTS J. (GB)** — (BKSTBR)
BKSTS Journal British Kinematography Sound and Television Society, 110/112 Victoria House, Vernon Place, London, WC1B 3DJ, England
- BLL Rev. (GB)** — (BLLRAQ)
BLL Review Title changed to: *Interlending Rev. (GB)*
- BOCAAD (Bull. Comput. Aided Arch. Des.) (GB)** — (BBCDD8)
BOCAAD (Bulletin of Computer Aided Architectural Design) Editorial address: ABACUS, Department of Architecture and Building Science, University of Strathclyde, 131 Rottenrow, Glasgow G4 0NG, Scotland
- Bol. Fac. Ing. & Agrimensura Montevideo (Uruguay)** — (BFAIAK)
Boletín de la Facultad de Ingeniería y Agrimensura de Montevideo Herrera y Reissig 565, Montevideo, Uruguay
- Bol. Inst. Tonantzintla (Mexico)** — (BITOD5)
Boletín del Instituto de Tonantzintla Instituto Nacional de Astrofísica, Óptica y Electrónica, Apartados Postales Nos. 216 y 51, Puebla, Pue., Mexico
- Boll. Geofis. Teor. & Appl. (Italy)** — (BGTAEE)
Bollettino di Geofisica Teorica ed Applicata Osservatorio Geofisico Sperimentale, 34123 Trieste, Italy
- Boundary-Layer Meteorol. (Netherlands)** — (BLMEBR)
Boundary-Layer Meteorology D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Bangladesh J. Sci. & Ind. Res. — (BJSIBL)**
Bangladesh Journal of Scientific and Industrial Research Bangladesh Council of Scientific and Industrial Research, Dacca, Bangladesh

- Br. Corros. J. (GB)** — (BCRIA3)
British Corrosion Journal Metals Society, 1 Carlton House Terrace, London, SW1Y 5DB, England
- Br. J. Hist. Sci. (GB)** — (BJHSAT)
British Journal for the History of Science British Society for the History of Science, 47 Belgrave Square, London, SW1 8QX, England
- Br. J. Non-Destr. Test. (GB)** — (BJNTAS)
British Journal of Non-Destructive Testing Non-Destructive Testing Society, Maitland House, Warrior Square, Southend-on-Sea, Essex, England
- Br. J. Philos. Sci. (GB)** — (BJPIAS)
British Journal for the Philosophy of Science Cambridge University Press, Bentley House, 200 Euston Road, London, NW1 2DB, England
- Br. J. Photogr. (GB)** — (BRJFAM)
British Journal of Photography Henry Greenwood & Co., 24 Wellington Street, London, WC2E 7DH, England
- Br. J. Radiol. (GB)** — (BJRAAP)
British Journal of Radiology British Institute of Radiology, 32 Welbeck Street, London, W1M 7PG, England
- Br. Polym. J. (GB)** — (BPOJAB)
British Polymer Journal Society of Chemical Industry, 14 Belgrave Square, London, SW1, England
- Brennst.-Waerme-Kraft (BWK) (Germany)** — (BRWKAY)
BWK. Brennstoff-Waerme-Kraft VDI-Verlag, Postfach 1139, 4 Dusseldorf 1, Germany
- Broadcast Equip. Today (Canada)**
Broadcast Equipment Today Diversified Publications Ltd., Box 423, Station J, Toronto, Ontario M4J 4Y8, Canada
- Brown Boveri Rev. (Switzerland)** — (BRBOA9)
Brown Boveri Review Brown Boveri, CH-5401 Baden, Switzerland
- Bruel & Kjaer Tech. Rev. (Denmark)** — (BKTRAP)
Bruel and Kjaer Technical Review Bruel & Kjaer, DK-2850 Naerum, Denmark
- Budavox Telecommun. Rev. (Hungary)** — (BUTRAR)
Budavox Telecommunication Review Budavox Telecommunication Foreign Trading Co. Ltd., Budapest 62, P.O. Box 267, Hungary
- Bueroelektronik (Germany)** — (BUERDN)
Bueroelektronik Goller Verlag, 757 Baden-Baden, Postfach 240, Hauptstrasse 4, Germany
- Build. Serv. & Environ. Eng. (GB)**
Building Services & Environmental Engineer Batiste Publications Ltd., Pembroke House, Campsbourne Road, Hornsey, London N8, England
- Build. Serv. Eng. (GB)** — (BSVEAI)
Building Services Engineer Formerly: IHVE J. (GB) Institution of Heating and Ventilating Engineers, 49 Cadogan Square, London, SW1X 0JB, England. Journal merged with Light & Light. & Environ. Des. (GB) to form J. Chart. Inst. Build. Serv. (GB)
- Building (GB)** — (BULDBE)
Building Building (Publishers) Ltd., Builder House, P.O. Box 87, 1-3 Pemberton Row, Red Lion Court, Fleet Street, London EC4p 4HL, England
- Bul. Inst. Politeh. 'Gheorghe Gheorghiu-Dej' Bucuresti Ser. Chim.-Metal. (Romania)** — (BPGCDL)
Buletinul Institutului Politehnic 'Gheorghe Gheorghiu-Dej' Bucuresti, Seria Chimie-Metalurgie Spaiul Independentei nr. 313, Casuta Postala nr. 2356, Bucuresti, Romania
- Bul. Inst. Politeh. 'Gheorghe Gheorghiu-Dej' Bucuresti (Romania)** — (BIGBAY)
Buletinul Institutului Politehnic 'Gheorghe Gheorghiu-Dej' Bucuresti Calea Grivitei 132, Bucuresti, Romania. Journal split into three series, Bul. Inst. Politeh. 'Gheorghe Gheorghiu-Dej' Bucuresti Ser. Chim. - Metal., Ser. Electrotech. and Ser. Mec. (Romania)
- Bul. Inst. Politeh. 'Gheorghe Gheorghiu-Dej' Bucuresti Ser. Mec. (Romania)** — (BPGMDH)
Buletinul Institutului Politehnic 'Gheorghe Gheorghiu-Dej' Bucuresti, Seria Mecanica Spaiul Independentei nr. 313, Casuta Postala nr. 2356, Bucuresti, Romania
- Bul. Inst. Politeh. 'Gheorghe Gheorghiu-Dej' Bucuresti Ser. Electroteh. (Romania)** — (BIPEDN)
Buletinul Institutului Politehnic 'Gheorghe Gheorghiu-Dej' Bucuresti, Seria Electrotehnica Spaiul Independentei nr. 313, Casuta Postala nr. 2356, Bucuresti, Romania
- Bul. Inst. Politeh. Iasi Sect. III (Romania)** — (BUPIAE)
Buletinul Institutului Politehnic din Iasi. Sectia III Electrotehnica, Electronica, Automatizari Institutul Politehnic Iasi, Iasi, Romania
- Bul. Inst. Politeh. Iasi Sect. I (Romania)** — (BMTFA3)
Buletinul Institutului Politehnic din Iasi. Sectia I Matematica, Mecanica, Teoretica, Fizica Polytechnic Institute, Iasi, Romania
- Bul. Inst. Stud. & Proj. Energ. (Romania)** — (ISPBAM)
Buletinul Institutului de Studii si Proiectari Energetice Institutului de Studii si Proiectari Energetice, Bucuresti, Bd. Lacul Tei nr 1, Sectorul II, Romania
- Bul. Stiint. & Teh. Inst. Politeh. 'Traian Vuia' Timisoara (Romania)** — (BSPTAX)
Buletinul Stiintific si Tehnic al Institutului Politehnic 'Traian Vuia' Timisoara (Romania) Timisoara, Romania
- Bulg. J. Phys. (Bulgaria)** — (BJPHD5)
Bulgarian Journal of Physics Bulgarian Academy of Sciences, Faculty of Physics, 5 Anton Ivanov Blvd., 1126 Sofia, Bulgaria
- Bull. Acad. Pol. Sci. Ser. Sci. Math. Astron. & Phys. (Poland)** — (BAPMAM)
Bulletin de l'Academie Polonaise des Sciences. Serie des Sciences Mathematiques, Astronomiques et Physiques Polish Academy of Sciences, Distribution Centre for Scientific Publications, Palac Kultury i Nauki, Warszawa, Poland
- Bull. Acad. Pol. Sci. Ser. Sci. Tech. (Poland)** — (BAPTA9)
Bulletin de l'Academie Polonaise des Sciences. Serie des Sciences Techniques 00-901 Warszawa, Palac Kultury i Nauki, P.O. Box 20, Poland
- Bull. Acad. Sci. USSR, Phys. Ser. (USA)** — (BUPSAA)
Bulletin of the Academy of Sciences of the USSR, Physical Series [Translation of: Izv. Akad. Nauk SSSR Ser. Fiz.] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Bull. Acad. Serbe Sci. & Arts Cl. Sci. Tech. (Yugoslavia)** — (BASTDR)
Bulletin de l'Academie Serbe des Sciences et des Arts, Classe des Sciences Techniques 35 Knez-Mihailova, 11000 Beograd, Yugoslavia
- Bull. Am. Astron. Soc. (USA)** — (AASBAR)
Bulletin of the American Astronomical Society American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Bull. Am. Meteorol. Soc. (USA)** — (BAMIAT)
Bulletin of the American Meteorological Society 45 Beacon Street, Boston, MA 02108, USA
- Bull. Assoc. Suisse Electr. (Switzerland)** — (BUSEAH)
Bulletin de l'Association Suisse des Electriciens (Organe Commun de l'Association Suisse des Electriciens (ASE) et de l'Union des Centrales Suisses d'Electricite (UCS)) Seefeldstrasse 301, Case Postale 229, 8008 Zurich, Switzerland
- Bull. Astron. Inst. Czech. (Czechoslovakia)** — (CABCAZ)
Bulletin of the Astronomical Institutes of Czechoslovakia Academia, Publishing House of Czechoslovak Academy of Sciences, Vodickova 40, 112 29 Praha 1, Czechoslovakia
- Bull. Astron. Soc. India** — (BANID3)
Bulletin of the Astronomical Society of India Tata Institute of Fundamental Research, Homi Bhabha Road, Bombay 400 005, India
- Bull. Aust. Math. Soc. (Australia)** — (ALNBAB)
Bulletin of the Australian Mathematical Society University of Queensland Press, St. Lucia, Queensland 4067, Australia
- Bull. Br. Soc. Rheol. (GB)** — (BBRHAO)
British Society of Rheology Properties of Fluids Division, National Engineering Laboratory, East Kilbride, Glasgow, Scotland
- Bull. Coll. Sci. Baghdad (Iraq)** — (BCOSAF)
Bulletin of the College of Science, Baghdad University of Baghdad, Baghdad, Iraq
- Bull. Dir. Etud. & Rech. Ser. A (France)** — (EFDNAX)
Bulletin de la Direction des Etudes et Recherches, Serie A Electricite de France, Direction des Etudes et Recherches, 6 Quai Watier, 78-400 Chatou, France
- Bull. Dir. Etud. & Rech. Ser. B (France)** — (EFDBAV)
Bulletin de la Direction des Etudes et Recherches, Serie B Electricite De France, Direction des Etudes et Recherches, 1 Avenue Du General De Gaulle, 92140 Clamart, France
- Bull. Dir. Etud. & Rech. Ser. C (France)** — (EDBCAA)
Bulletin de la Direction des Etudes et Recherches, Serie C Electricite de France, Direction des Etudes et Recherches, 17 Avenue de la Liberation, 92 - Clamart, France
- Bull. Earthquake Res. Inst. Univ. Tokyo (Japan)** — (TDJKAZ)
Bulletin of the Earthquake Research Institute, University of Tokyo 1-1 Yayoi 1-chome, Bunkyo-ku, Tokyo, Japan
- Bull. EGU (Czechoslovakia)** — (BEGUBU)
Bulletin EGU Vyzkumny Ustav Energeticky, Partyzanska 7a, Praha 7 - Holesovice, Czechoslovakia
- Bull. Electrotech. Lab. (Japan)** — (DESIA7)
Bulletin of the Electrotechnical Laboratory 2-6 Nagata-cho, Chiyoda-ku, Tokyo, Japan
- Bull. Fac. Eng. Hiroshima Univ. (Japan)** — (HIDKAA)
Bulletin of the Faculty of Engineering Hiroshima University Hiroshima, Japan
- Bull. Fac. Eng. Ibaraki Univ. (Japan)** — (IDKGA9)
Bulletin of the Faculty of Engineering, Ibaraki University Ibaraki, Japan
- Bull. Fac. Eng. Tokushima Univ. (Japan)** — (BFETAN)
Bulletin of Faculty of Engineering, Tokushima University Minami-Josanjima-cho, Tokushima, Japan
- Bull. Fac. Eng. Yokohama Natl. Univ. (Japan)** — (BFEYA4)
Bulletin of the Faculty of Engineering of Yokohama National University Ohka-machi, Minami-ku, Yokohama, Japan
- Bull. Geod. (France)** — (BGDQAG)
Bulletin Geodesique Bureau Central de l'Association Internationale de Geodesie, 39 Rue Guy-Lussac, 75005 Paris, France
- Bull. Indian Natl. Sci. Acad.** — (BIDNAL)
Bulletin of the Indian National Science Academy Bahadur Shar Zafar Marg, New Delhi 1, India
- Bull. Inf. Sci. & Tech. (France)** — (BUIAAN)
Bulletin d'Informations Scientifiques et Techniques Centrale des Revues, Dunod/Gauthier-Villars, 26 Boulevard de l'Hopital, 75005 Paris, France
- Bull. Inst. Chem. Res. Kyoto Univ. (Japan)** — (BICRAS)
Bulletin of the Institute for Chemical Research, Kyoto University Kyoto, Japan
- Bull. Inst. Space & Aeronaut. Sci. Univ. Tokyo A (Japan)** — (TDUHAD)
Bulletin of the Institute of Space and Aeronautical Science, University of Tokyo A Tokyo, Japan
- Bull. Inst. Space & Aeronaut. Sci. Univ. Tokyo B (Japan)** — (TKUHBT)
Bulletin of the Institute of Space and Aeronautical Science, University of Tokyo B Tokyo, Japan
- Bull. Int. Sect. ISSA Prev. Occup. Risks Electr. (Germany)**
Bulletin of the International Section of the ISSA for the Prevention of Occupational Risks due to Electricity Berufsgenossenschaft der Feinmechanik und Elektrotechnik, D-5000 Koln 51, Oberlander Ufer 130, Germany
- Bull. Isr. Phys. Soc. (Israel)** — (BIPYBD)
Bulletin of the Israel Physical Society Israel Physical Society, c/o Hebrew University, Jerusalem, Israel
- Bull. Isr. Soc. Spec. Libr. & Inf. Cent. (Israel)** — (ISLBA2)
Bulletin Israel Society of Special Libraries and Information Centres P.O. Box 20125, Tel Aviv, Israel
- Bull. Jpn. Soc. Precis. Eng. (Japan)** — (BJPEAR)
Bulletin of the Japan Society of Precision Engineering Ceramic Building, 22-17, 2-Chome, Hyakunincho, Shinjuku-ku, Tokyo, Japan
- Bull. JSME (Japan)** — (BSEA8)
Bulletin of the Japan Society of Mechanical Engineers Sanshin Hokusei Building, 4-9, Yoyogi 2-Chome, Shibuya-Ku, Tokyo 151, Japan
- Bull. Kyushu Inst. Technol. (Sci. & Technol.) (Japan)** — (KKDKAN)
Bulletin of the Kyushu Institute of Technology (Science and Technology) Tobata, Japan
- Bull. Kyushu Inst. Technol. Math. Nat. Sci. (Japan)** — (BKTMAA)
Bulletin of the Kyushu Institute of Technology. Mathematics, Natural Science Tobato, Kitakyushu, Japan
- Bull. Math. Biol. (GB)** — (BMTBAB)
Bulletin of Mathematical Biology Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Bull. Mech. Eng. Lab. (Japan)** — (BMEGAX)
Bulletin of Mechanical Engineering Laboratory 12-1 Igusa 4-chome, Suginami-ku, Tokyo, Japan
- Bull. Nagoya Inst. Technol. (Japan)** — (NADGA8)
Bulletin of Nagoya Institute of Technology Nagoya, Japan
- Bull. Res. Inst. Appl. Electr. (Japan)** — (ODKIAD)
Bulletin of the Research Institute of Applied Electricity The Research Institute of Applied Electricity, Hokkaido University, North 12 Street, West 6 Avenue, Kitaku, Sapporo City, Japan
- Bull. Res. Inst. Sci. Meas. Tohoku Univ. (Japan)** — (TDKKA6)
Bulletin of the Research Institute for Scientific Measurements, Tohoku University Sendai, Japan

- Bull. Res. Lab. Nucl. React. (Japan)** — (BRLTD9)
Bulletin of the Research Laboratory for Nuclear Reactors Tokyo Institute of Technology Oh-okayana, Meguro-ku, Tokyo, Japan
- Bull. Res. Lab. Precis. Mach. & Electron. (Japan)** — (BLPTDL)
Bulletin of Research Laboratory of Precision Machinery and Electronics Tokyo Institute of Technology, Nagatsuta, Midori-ku, Yokohama, Japan
- Bull. Sci. Assoc. Ing. Electr. Inst. Electrotech. Montefiore (Belgium)** — (BURMA2)
Bulletin Scientifique de l'Association des Ingenieurs Electriciens sortis de l'Institut Electrotechnique Montefiore 31 Rue Saint Gilles, 4000 Liege, Belgium
- Bull. Seismol. Soc. Am. (USA)** — (BSSAAP)
Bulletin of the Seismological Society of America Seismological Society of America, 424 40th Street, Oakland, CA 94609, USA
- Bull. Soc. Fr. Ceram. (France)** — (BFCEA2)
Bulletin de la Societe Francaise de Ceramique Centre National d'Etudes et Recherches Ceramiques, 23 rue de Cronstadt, Paris 15, France
- Bull. Soc. Fr. Mineral. & Crystallogr. (France)** — (BUFCAE)
Bulletin de la Societe Francaise de Mineralogie et de Cristallographie Masson et Cie S.A., 120 Boulevard Saint-Germain, F-75280 Paris Cedex 06, France
- Bull. Soc. R. Belge Electr. (Belgium)** — (BSREAW)
Bulletin de la Societe Royale Belge des Electriciens 1 Place du Trone, 1000 Bruxelles, Belgium
- Bull. Soc. R. Sci. Liege (Belgium)** — (BSRSA6)
Bulletin de la Societe Royale des Sciences de Liege L'Universite, 15 Avenue des Tilleurs, Liege, Belgium
- Bull. Tech. Univ. Istanbul (Turkey)** — (ITEKAZ)
Bulletin of the Technical University of Istanbul (Istanbul Teknik Universitesi Bulteni) Taskisla, Istanbul, Turkey
- Bull. Tech. Vevey (Switzerland)** — (BTVVA8)
Bulletin Technique Vevey Ateliers de Constructions Mecaniques de Vevey SA, Vevey, Switzerland
- Bull. Tokyo Gakugei Univ. Ser. IV (Japan)** — (TGDSBH)
Bulletin of Tokyo Gakugei University. Series IV (Mathematics and Natural Sciences) 4-1-1 Nukui-kita-machi, Koganei, Tokyo, Japan
- Bull. Univ. Osaka Prefect. Ser. A (Japan)** — (BSKAJ)
Bulletin of University of Osaka Prefecture, Series A University of Osaka Prefecture, Mozu, Sakai, Osaka, Japan
- Bull. Yamagata Univ. (Eng.) (Japan)** — (YDKKAR)
Bulletin of the Yamagata University (Engineering) Yamagata, Japan
- Bull. Yamagata Univ. (Nat. Sci.) (Japan)** — (BUYUAR)
Bulletin of the Yamagata University (Natural Science) Yamagata, Japan
- Burroughs Clearing House (USA)** — (BCLHAZ)
Burroughs Clearing House Burroughs Corp., Box 418, Detroit, MI 48232, USA
- Bus. Adm. (GB)** — (BUSAB6)
Business Administration Title changed to: Chief Executive Mon. (GB)
- Bus. Syst. & Equip. (GB)** — (BSEQA3)
Business Systems and Equipment Maclean-Hunter Ltd., 76 Oxford Street, London, W1, England
- BYTE (USA)** — (BYTEDJ)
BYTE BYTE Publications Inc., 70 Main Street, Peterborough, NH 03458, USA
- Byull. Inst. Teor. Astron. Akad. Nauk SSSR** — (BTASAU)
Byulleten' Instituta Teoreticheskoi Astronomii Akademii Nauk SSSR Leningradskoe Otdelenie Izdatelstva Nauka, Leningrad V-16, Mendeleevskaya Lin. D. 1, USSR
- C.R. Acad. Bulg. Sci. (Bulgaria)** — (CRABAA)
Comptes Rendus de l'Academie Bulgare des Sciences Sofiya, Bulgaria
- C.R. Hebd. Seances Acad. Sci. Ser. A (France)** — (CHASAP)
Comptes Rendus Hebdomadaires des Seances de l'Academie des Sciences, Serie A (Science Mathematiques) Centrale des Revues, Dunod/Gauthier-Villars, 26 Boulevard de l'Hopital, 75005 Paris, France
- C.R. Hebd. Seances Acad. Sci. Ser. B (France)** — (CHDBAN)
Comptes Rendus Hebdomadaires des Seances de l'Academie des Sciences, Serie B (Sciences Physiques) Centrale des Revues, Dunod/Gauthier-Villars, 26 Boulevard de l'Hopital, 75005 Paris, France
- C.R. Hebd. Seances Acad. Sci. Ser. C (France)** — (CHDCAQ)
Comptes Rendus Hebdomadaires des Seances de l'Academie des Sciences, Serie C (Sciences Chimiques) Centrale des Revues, Dunod/Gauthier-Villars, 26 Boulevard de l'Hopital, 75005 Paris, France
- CA Mag. (Canada)** — (CAMADJ)
CA Magazine Canadian Institute of Chartered Accountants, 250 Bloor Street East, Toronto, M4W 1G5, Canada
- Cable Telev. Eng. (GB)** — (CTEV3)
Cable Television Engineering Society of Cable Television Engineers, 10 Avenue Road, Dorridge, Solihull, Warwickshire, England
- Cables & Transm. (France)** — (CTRAA4)
Cables et Transmission Sotelec, 16 Rue de la Baume, 75008 Paris, France
- Cah. Cent. Etud. Rech. Oper. (Belgium)** — (CCROAT)
Cahiers du Centre d'Etudes de Recherche Operationelle c/o Institut de Statistique de l'U.L.B., C.P. 210, Boulevard du Triomphe, 1050 Bruxelles, Belgium
- Cah. Groupe Fr. Rheol. (France)** — (GFRCAO)
Cahiers de Groupe Francais de Rheologie 19 Rue du Grand-Moulin, 42000 Saint-Etienne, France
- Cah. Groupe Trav. (AFCET) (France)** — (CGTIDI)
Cahiers du Groupe de Travail (AFCET). Analyse de Experimentation dans les Sciences de l'Homme par les Methodes Informatiques Laboratoire d'Informatique pour les Sciences de l'Homme C.N.R.S., 31 Chemin Joseph-Aiguier, 13274 Marseille - Cedex 2, France
- Calcolo (Italy)** — (CALOBK)
Calcolo Istituto di Elaborazione della Informazione del CNR, Via S. Maria 46, 56100 Pisa, Italy
- California Manage. Rev. (USA)** — (CMNRK)
California Management Review Graduate School of Business Administration, University of California, Berkeley, CA 94720, USA
- Calitatea Prod. & Metrol. (Rumania)** — (CLPMA8)
Calitatea Productiei si Metrologie Title changed to: Metrol. Apl. (Rumania)
- CALPHAD: Comput. Coupling Phase Diagrams & Thermochem. (GB)** — (CCCTD6)
CALPHAD: Computer Coupling of Phase Diagrams and Thermochemistry Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Can. Aeronaut. & Space J. (Canada)** — (CSPJAE)
Canadian Aeronautics and Space Journal Canadian Aeronautics and Space Institute, Saxe Building, 60-75 Sparks Street, Ottawa, Ontario K1P 5A5, Canada
- Can. Chem. Process. (Canada)** — (CCPRAS)
Canadian Chemical Processing Southam Business Publications Ltd., 1450 Don Mills Road, Don Mills, Ontario M3B 2X7, Canada
- Can. Controls & Instrum. (Canada)** — (CCISAU)
Canadian Controls and Instrumentation Maclean-Hunter Ltd., 481 University Avenue, Toronto M5W 1A7, Canada
- Can. Datasyst. (Canada)** — (CNDSAE)
Canadian Datasystems Maclean-Hunter Ltd., 481 University Avenue, Toronto M5W 1A7, Canada
- Can. Electr. Eng. J. (Canada)** — (CEEJDY)
Canadian Electrical Engineering Journal Engineering Institute of Canada, Suite 700, EIC Building, 2050 Mansfield Street, Montreal, Canada
- Can. Electron. Eng. (Canada)** — (CAEEAM)
Canadian Electronics Engineering Maclean-Hunter Ltd., 481 University Avenue, Toronto M5W 1A7, Canada
- Can. J. Chem. (Canada)** — (CJCHAG)
Canadian Journal of Chemistry National Research Council of Canada, Ottawa KIA OR6, Canada
- Can. J. Chem. Eng. (Canada)** — (CJCEA7)
Canadian Journal of Chemical Engineering Canadian Society for Chemical Engineering, 151 Slater Street, Ottawa, Ontario, K1P 5H3, Canada
- Can. J. Earth Sci. (Canada)** — (CJESAP)
Canadian Journal of Earth Sciences National Research Council of Canada, Ottawa KIA OR6, Canada
- Can. J. Inf. Sci. (Canada)** — (CJISDE)
Canadian Journal of Information Science Canadian Association of Information Science, Box 158, Terminal A, Ottawa, Ontario, K1N 8V2, Canada
- Can. J. Phys. (Canada)** — (CJPHAD)
Canadian Journal of Physics National Research Council of Canada, Ottawa KIA OR6, Canada
- Can. J. Remote Sensing (Canada)** — (CJRSDP)
Canadian Journal of Remote Sensing Canadian Aeronautics and Space Institute, Saxe Building, 60-75 Sparks Street, Ottawa K1P 5A5, Canada
- Can. J. Spectrosc. (Canada)** — (CJSPAI)
Canadian Journal of Spectroscopy Multiscience Publication Ltd., P.O. Box 1464, Station B, Montreal, Quebec H3B 3L2, Canada
- Can. Min. J. (Canada)** — (CAMJA9)
Canadian Mining Journal National Business Publications Ltd., 310 Victoria Avenue, Montreal, Canada
- Carbon (GB)** — (CRBNAH)
Carbon Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Case Stud. At. Phys. (Netherlands)** — (CSAPCR)
Case Studies in Atomic Physics North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Cathode Press (USA)** — (CTPRAB)
Cathode Press Machlett Labs. Inc., 42 Camp Avenue, Springdale, CT 06879, USA
- CEGB Dig. (GB)** — (CEGDAN)
CEGB Digest Central Electricity Generating Board, Information Services, Sudbury House, 15 Newgate Street, London, EC1 7AU, England
- CEGB Res. (GB)** — (CEREDG)
CEGB Research Central Electricity Generating Board, Courtenay House, 18 Warwick Lane, London, EC4P 4EB, England
- CEGB Tech. Disclosure Bull. (GB)** — (CETDAK)
CEGB Technical Disclosure Bulletin Central Electricity Generating Board, Information Services, Sudbury House, 15 Newgate Street, London, EC1 7AU, England
- Celestial Mech. (Netherlands)** — (CLMCAV)
Celestial Mechanics D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- CEP (Chem. Eng. Prog.) (USA)** — (CEPRA8)
CEP (Chemical Engineering Progress) Formerly: Chem. Eng. Prog. (USA) American Institute of Chemical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Ceramurgia Int. (GB)** — (CEINDW)
Ceramurgia International Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Cerberus Alarm (Switzerland)** — (CBALAU)
Cerberus Alarm Cerberus Ltd., CH-8708 Mannedorf, Switzerland
- Cerberus Electron. (Switzerland)** — (CRELBR)
Cerberus Electronic Cerberus Ltd., CH 8708 Mannedorf, Switzerland
- Certif. Eng. (S. Africa)** — (CEENA9)
Certificated Engineer Institution of Certificated Mechanical & Electrical Engineers SA, P.O. Box 61019, Marshalltown, Transvaal, S. Africa
- Cesk. Cas. Fis. Sekce A (Czechoslovakia)** — (CKCFAH)
Ceskoslovensky Casopis pro Fysiku. Sekce A Academia Publishing House of the Czechoslovak Academy of Sciences, Votickova 40, 112 29 Praha 1, Czechoslovakia
- Cesk. Inf. Teor. & Praxe (Czechoslovakia)** — (CITPBH)
Ceskoslovenska Informatika, Teorie a Praxe Editorial address: 11357 Praha 1, Konviktska 5, Czechoslovakia
- Chalmers Tek. Hoegsk. Handl. (Sweden)** — (TCITAG)
Chalmers Tekniska Hogskolas Handlingar (Transactions of Chalmers University of Technology) Library of Chalmers University of Technology, Fack, 402 20 Goteborg 5, Sweden
- Chart. Mech. Eng. (GB)** — (CHMGAF)
The Chartered Mechanical Engineer Institution of Mechanical Engineers, P.O. Box 24, Northgate Avenue, Bury St. Edmunds, Suffolk IP32 6BW, England
- Chem. Eng. (GB)** — (CMERA9)
Chemical Engineer Institution of Chemical Engineers, 15 Belgrave Square, London, SW1X 8PT, England
- Chem. Eng. (USA)** — (CHEEA3)
Chemical Engineering McGraw-Hill Inc., McGraw-Hill Building, 1221 Avenue of the Americas, New York, NY 10020, USA
- Chem. Eng. J. (Switzerland)** — (CMEJAJ)
Chemical Engineering Journal Elsevier Sequoia S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland
- Chem. Eng. Prog. (USA)** — (CEPRA8)
Chemical Engineering Progress Title changed to: CEP (Chem. Eng. Prog.) (USA)
- Chem. Eng. Sci. (GB)** — (CESCAC)
Chemical Engineering Science Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England

- Chem. Ing. Tech. (Germany)** — (CITEAH)
Chemie Ingenieur Technik Verlag Chemie GmbH, D-6940 Weinheim, Postfach 1260/1280, Pappelallee 3, Germany
- Chem. Instrum. (USA)** — (CHINBH)
Chemical Instrumentation Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Chem. Phys. (Netherlands)** — (CMPHC2)
Chemical Physics North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Chem. Phys. Lett. (Netherlands)** — (CHPLBC)
Chemical Physics Letters North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Chem. Scr. (Sweden)** — (CSRPB9)
Chemica Scripta Royal Swedish Academy of Sciences, S-104 05 Stockholm 50, Sweden. Subscription address: Almqvist & Wicksell Periodical Co., Box 62, S-101 20 Stockholm 1
- Chem. Tech. (Germany)** — (CHTEAA)
Chemische Technik VEB Deutscher Verlag für Grundstoffindustrie, 7031 Leipzig, Postfach 140, Karl-Heine-Strasse 27, Germany
- Chem. Technol. (USA)** — (CHMTBL)
Chemical Technology Title changed to: *Chemtech (USA)*
- Chemtech (USA)** — (CHTEDD)
Chemtech Formerly: *Chem. Technol. (USA)* American Chemical Society, 1115 Sixteenth Street, N.W., Washington, DC 20036, USA
- Chief Executive (GB)**
Chief Executive Formerly: *Chief Executive Mon. (GB)* Morgan-Grampian Ltd., Morgan-Grampian House, Calderwood Street, London SE18 6QH, England
- Chief Executive Mon. (GB)** — (CEMODL)
Chief Executive Monthly Title changed to: *Chief Executive (GB)*
- Chin. Astron. (GB)**
Chinese Astronomy [Translation of: *Acta Astron. Sin. (China)*] Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Chin. J. Phys. (Taiwan)** — (CJOPAW)
Chinese Journal of Physics Physical Society of the Republic of China, Physics Department, National Taiwan University, Taipei, Taiwan, China
- Ciel & Terre (Belgium)** — (CIELAV)
Ciel et Terre Societe Belge d'Astronomie, de Meteorologie et de Physique du Globe, Avenue Circulaire 3, 1180 Bruxelles, Belgium
- Ciencia (Mexico)** — (CIENA3)
Ciencia Apartado Postal 32133, Mexico 1, DF, Mexico
- CIM Bull. (Canada)** — (CIBUBA)
Canadian Mining and Metallurgical Bulletin Canadian Institute of Mining and Metallurgy, 906-1117 Ste. Catherine Street West, Montreal, Quebec H3B 1J3, Canada
- Circ. Electrotech. Lab. (Japan)** — (DSCHAM)
Circulars of the Electrotechnical Laboratory 2-chome, Nagata-cho, Chiyoda-ku, Tokyo, Japan
- Circuit World (GB)** — (CIWODV)
Circuit World Wela Publications Ltd., 29 Barns Street, Ayr KA7 1XB, Scotland
- Circuits Manuf. (USA)** — (CMFGAF)
Circuits Manufacturing Benwill Publishing Corp., 167 Corey Road, Brookline, MA 02146, USA
- Clean Air (Australia)** — (CLNABV)
Clean Air Clean Air Society of Australia and New Zealand. Editorial address: Dept. of Industrial Science, University of Melbourne, Parkville, Victoria 3052, Australia. Subscription address: 151 Northern Road, Heidelberg, Victoria 3081
- Clim. Change (Netherlands)** — (CLCHDX)
Climatic Change D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands, Netherlands
- Cognitive Psychol. (USA)** — (CGPSBQ)
Cognitive Psychology Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- Coll. & Res. Libr. (USA)** — (CRLIAI)
College & Research Libraries 1201-05 Bluff Street, Fulton, MO 65251, USA
- Collect. Phenom. (GB)** — (CLPNAB)
Collective Phenomena Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Colloid J. USSR (USA)** — (COJOAS)
Colloid Journal of the USSR [Translation of: *Kolloidn. Zh. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Combust. & Flame (USA)** — (CBFMAO)
Combustion and Flame (Quarterly Journal of the Combustion Institute) American Elsevier Publishing Co., 52 Vanderbilt Avenue, New York, NY 10017, USA
- Combust. Explos. & Shock Waves (USA)** — (CESWA4)
Combustion, Explosion and Shock Waves [Translation of: *Fiz. Goreniya & Vzryva (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Commentat. Phys.-Math. (Finland)** — (CPHMAU)
Commentationes Physico-Mathematicae Societas Scientiarum Fennica, Snellmansgatan 9-11, 00170 Helsinki 17, Finland
- Comments Astrophys. Comments Mod. Phys. Part C (GB)** — (COASD9)
Comments on Astrophysics. Comments on Modern Physics: Part C Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Comments At. & Mol. Phys. (GB)** — (CAMPBS)
Comments on Atomic and Molecular Physics Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Comments Earth Sci. Geophys. (GB)** — (CESGAO)
Comments on Earth Sciences: Geophysics Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Comments Nucl. & Part. Phys. (GB)** — (CNPPAV)
Comments on Nuclear and Particle Physics Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Comments Plasma Phys. & Controlled Fusion (GB)** — (CPCFBJ)
Comments on Plasma Physics and Controlled Fusion Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Comments Solid State Phys. (GB)** — (COSPBK)
Comments on Solid State Physics Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Commun. & Broadcast. (GB)** — (COBRDB)
Communication & Broadcasting Marconi Co. Ltd., Marconi House, New Street, Chelmsford, Essex CM1 1PL, England
- Commun. ACM (USA)** — (CACMA2)
Communications of the ACM Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Commun. Dublin Inst. Adv. Stud. Ser. A (Ireland)** — (CDIAAH)
Communications of the Dublin Institute for Advanced Studies, Series A School of Theoretical Physics, 10 Burlington Road, Dublin 4, Ireland
- Commun. Int. (GB)** — (CINTDZ)
Communications International Northwood Publications Ltd., Theba House, 49-50 Hatton Garden, London, EC1N 8XS, England
- Commun. Lunar & Planet. Lab. (USA)** — (AULCBY)
Communications of the Lunar and Planetary Laboratory University of Arizona, Tucson, AZ 85721, USA
- Commun. Math. Phys. (Germany)** — (CMPHAY)
Communications in Mathematical Physics Springer-Verlag, D-6900 Heidelberg 1, Postfach 105280, Germany
- Commun. Phys. (GB)** — (COPHDH)
Communications on Physics Taylor & Francis Ltd., 10-14 Macklin Street, London WC2B 5NF, England
- Commun. R. Soc. Edinburgh (GB)** — (CRYSAB)
Communications to the Royal Society of Edinburgh (Physical Sciences) 22 George Street, Edinburgh, EH2 2PQ, Scotland
- Commun. Sci. & Tech. Inf. (GB)** — (CSTIBW)
Communicator of Scientific and Technical Information Institute of Scientific and Technical Communicators Ltd., 17 Blueridge Avenue, Brookmans Park, Hatfield, Herts. AL9 7RY, England
- Commun. Stat. Simulation & Comput. (USA)** — (CSSCDB)
Communications in Statistics - Simulation and Computation Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Commun. Stat.-Theory & Methods (USA)** — (CSTMDC)
Communications in Statistics - Theory and Methods Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Communications (USA)** — (CMUTAR)
Communications Communications Publishing Corp., 1900 West Yale, Englewood, CO 80110, USA
- Communat. & Electron. (France)** — (CELCAB)
Communatation et Electronique Editions Chiron, 40 Rue de Seine, 75006 Paris, France
- Components Rep. (Germany)** — (CMREC3)
Components Report Siemens Atkiengesellschaft, Schriftleitung, 8000 München 25 Machtlfinger Strasse 10, Germany
- Composites (GB)** — (CPSOAN)
Composites IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Comput. & Biomed. Res. (USA)** — (CBMRB7)
Computers and Biomedical Research Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- Comput. & Chem. (GB)** — (COCHDK)
Computers & Chemistry Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. & Chem. Eng. (GB)** — (CCENDW)
Computers & Chemical Engineering Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Comput. & Educ. (GB)**
Computers & Education Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Comput. & Electr. Eng. (USA)** — (CPEEBQ)
Computers & Electrical Engineering Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, NY 10523, USA
- Comput. & Fluids (GB)** — (CPFLBI)
Computers & Fluids Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. & Geosci. (GB)** — (CGEODT)
Computers & Geosciences Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Comput. & Graphics (GB)** — (COGRD2)
Computers & Graphics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. & Hum. (USA)** — (COHUAD)
Computers and the Humanities Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, NY 10523, USA
- Comput. & Ind. Eng. (GB)** — (CINDDL)
Computers & Industrial Engineering Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Comput. & Math. with Appl. (GB)** — (CMAPDK)
Computers & Mathematics with Applications Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. & Oper. Res. (GB)** — (CMORAP)
Computers & Operations Research Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. & People (USA)** — (CPLEAQ)
Computers and People Berkeley Enterprises Inc., 815 Washington Street, Newtonville, MA 02160, USA
- Comput. & Struct. (GB)** — (CMSTCJ)
Computers and Structures Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. Acquis. Syst. Ser. (USA)** — (CASSCY)
Computerized Acquisitions Systems Series LARC Press Ltd., 105-117 West Fourth Avenue, Peoria, IL 61602, USA
- Comput. Aided Des. (GB)** — (CAIDAS)
Computer Aided Design IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Comput. Appl. (GB)** — (CPUABQ)
Computer Applications Department of Geography, The University, Nottingham, NG7 2RD, England
- Comput. Biol. & Med. (GB)** — (CBMDAW)
Computers in Biology and Medicine Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. Bull. (GB)** — (COBUAH)
Computer Bulletin British Computer Society, 29 Portland Place, London, W1N 4HU, England
- Comput. Cat. Syst. Ser. (USA)** — (CCSSDF)
Computerized Cataloging Systems Series LARC Press Ltd., 105-117 West Fourth Avenue, Peoria, IL 61602, USA
- Comput. Circ. Syst. Ser. (USA)** — (CCSSCE)
Computerized Circulation Systems Series LARC Press Ltd., 105-117 West Fourth Avenue, Peoria, IL 61602, USA
- Comput. Commun. (GB)** — (COCOD7)
Computer Communications IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England

- Comput. Decis. (USA)** — (CODCB8)
Computer Decisions Hayden Publishing Co., 50 Essex Street, Rochelle Park, NJ 07662, USA
- Comput. Des. (USA)** — (CMPDAM)
Computer Design P.O. Box A, Winchester, MA 01890, USA
- Comput. Educ. (GB)** — (CPECBK)
Computer Education Editorial Address: National Computer Centre, Oxford Road, Manchester M1 7ED, England
- Comput. Graphics & Image Process. (USA)** — (CGIPBG)
Computer Graphics and Image Processing Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- Comput. J. (GB)** — (CMPJAE)
Computer Journal British Computer Society, 13 Mansfield Street, London W1M 0BP, England
- Comput. Lang. (GB)** — (COLADA)
Computer Languages Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Comput. Linguist. & Comput. Lang. (Hungary)** — (CLCODK)
Computational Linguistics and Computer Languages Hungarian Academy of Sciences, Budapest, Hungary
- Comput. Manage. (GB)** — (CPMGA3)
Computer Management IDG Publishing Ltd., Glazier House, 140/146 Camden Street, London, NW1 9PF, England
- Comput. Methods Appl. Mech. & Eng. (Netherlands)** — (CMMECC)
Computer Methods in Applied Mechanics and Engineering North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Comput. Networks (Netherlands)** — (CNETDP)
Computer Networks North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Comput. Pers. (USA)** — (CPNPB6)
Computer Personnel Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Comput. Phys. Commun. (Netherlands)** — (CPHCBZ)
Computer Physics Communications North-Holland Publishing Co., P.O. Box 211 Amsterdam, Netherlands
- Comput. Prod. Int. (GB)** — (CPRID3)
Computer Products International IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England
- Comput. Programs Biomed. (Netherlands)** — (COPMBU)
Computer Programs in Biomedicine North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Comput. Ser. Syst. Ser. (USA)** — (CSSSCO)
Computerized Serials Systems Series LARC Press Ltd., 105-117 West Fourth Avenue, Peoria, IL 61602, USA
- Comput. Surv. (GB)** — (COSVA3)
Computer Survey United Trade Press, 42/43 Gerrard Street, London, W1V 7LP, England
- Comput. Surv. (USA)** — (CMSVAN)
Computing Surveys Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Comput. Tomogr. (GB)** — (CTOMDS)
Computerized Tomography Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Comput. Wkly. (GB)** — (COMWAA)
Computer Weekly IPC Business Press Ltd., 40 Bowling Green Lane, London, EC1R 0NE, England
- Computacards Int. (GB)** — (CMPID6)
Computacards International Walker Ellis Ltd., 87 Great Eastern Street, London, EC2, England
- Compute (USA)** — (CMPTD5)
Compute National Semiconductor Corp., 2900 Semiconductor Drive, Santa Clara, CA 95051, USA
- Computer (USA)** — (CPTRB4)
Computer Institute of Electrical and Electronic Engineers Computer Society, 5855 Naples Plaza, Suite 301, Long Beach, CA 90803, USA
- Computing (Austria)** — (CMPTA2)
Computing Springer-Verlag, A-1011 Wien, Molkerbastei 5, Postfach 367, Austria
- COMSAT Tech. Rev. (USA)** — (CSTRCQ)
COMSAT Technical Review Communications Satellite Corp., 950 L'Enfant Plaza, S.W., Washington, DC 20024, USA
- Comunicaciones (Cuba)** — (COMUB5)
Comunicaciones Centro de Informacion de Comunicaciones, Ministerio de Comunicaciones, Habana, Cuba
- Contemp. Phys. (GB)** — (CTPHAF)
Contemporary Physics Taylor and Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Contrib. Atmos. Phys. (GB)** — (BPYAAY)
Contributions to Atmospheric Physics (Beitrage zur Physik der Atmosphare) Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England. Friedr. Vieweg & Sohn GmbH, P.O. Box 3367, D-33 Braunschweig, Germany
- Contrib. Geophys. Inst. Slovak Acad. Sci. Ser. Meteorol. (Czechoslovakia)** — (CGIMD9)
Contributions of the Geophysical Institute of the Slovak Academy of Sciences, Series of Meteorology Dubravska cesta, 899 30 Bratislava, Czechoslovakia
- Contrib. Inst. Low Temp. Sci. Ser. A (Japan)** — (CLTSBD)
Contributions from the Institute of Low Temperature Sciences, Series A Hokkaido University, Sapporo, Japan
- Control & Cybern. (Poland)** — (CCYBAP)
Control and Cybernetics Panstwowe Wydawnictwo Naukowe, W-WA, Miodowa 10, Warszawa, Poland
- Control & Instrum. (GB)** — (CTLIWA)
Control and Instrumentation Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London, SE18 6QH, England
- Control Cibern. & Autom. (Cuba)** — (CCAZAB)
Control Cibernetica y Automatizacion Centro de Automatizacion Industrial (C.A.I.), Paseo No. 452 esq. a 19, Vedado, Habana 4 (Apdo. 4019), Cuba
- Control Eng. (USA)** — (CENGAX)
Control Engineering Dun-Donnelly Publishing Corp., 666 Fifth Avenue, New York, NY 10019, USA
- Controller (Germany)** — (CTLRAP)
The Controller International Federation of Air Traffic Controllers' Associations, S.C. 11, 6 Frankfurt am Main 60, Bornheimer Landwehr 57a, Germany
- Corros. Sci. (GB)** — (CRRSAA)
Corrosion Science Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Corrosion (USA)** — (CORRAK)
Corrosion National Association of Corrosion Engineers, 2400 West Loop South, Houston, TX 77027, USA
- Cosmic Res. (USA)** — (CSCRA7)
Cosmic Research [Translation of: *Kosm. Issled. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Cost & Manage. (Canada)** — (CSTMA9)
Cost and Management Society of Industrial Accountants of Canada, Box 176, 154 Main Street, Hamilton, Ontario, Canada
- Courr. Norm. (France)** — (CONOAP)
Courrier de la Normalisation Association Francaise De Normalisation, Tour Europe Cedex 7, 92080 Paris La Defense, France
- CQ Radio Amat. J. (USA)** — (CQCQAO)
CQ Radio Amateur's Journal 14 Vanderventer Avenue, Port Washington, Long Island, NY 11050, USA
- Creative Comput. (USA)** — (CCOMDB)
Creative Computing P.O. Box 789-M, Morristown, NJ 07960, USA
- Crit. Rev. Solid State Sci. (USA)** — (CCSCBX)
Critical Reviews in Solid State Sciences Chemical Rubber Co., 18901 Cranwood Parkway, Cleveland, OH 44128, USA
- Cryogenics (GB)** — (CRYOAX)
Cryogenics IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Cryst. Lattice Defects (GB)** — (CLADA8)
Crystal Lattice Defects Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- CSELT Rapp. Tec. (Italy)** — (CSELBY)
CSELT Rapporti Tecnici CSELT - Centro Studi e Laboratori Telecomunicazioni, Torino, Via Guglielmo Reiss Romoli 274, Italy
- CSIO Commun. (India)** — (CSIOBT)
CSIO Communications Central Scientific Instruments Organisation, Sector 30, Chandigarh-160020, India
- Curr. Sci. (India)** — (CUSCAM)
Current Science Current Science Association, Raman Research Institute, Bangalore 560006, India
- Cybernetica (Belgium)** — (CYBEA5)
Cybernetica International Association for Cybernetics, Place Andre Rijckmans, Namur, Belgium
- Cybernetics (USA)** — (CYBNAW)
Cybernetics [Translation of: *Kibernetika (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Czech. Heavy Ind. (Czechoslovakia)** — (CZHIK)
Czechoslovak Heavy Industry Rapid, 13 UL, 28 Rijna, 11279 Praha 1, Czechoslovakia
- Czech. J. Phys. Sect. B (Czechoslovakia)** — (CZYPAO)
Czechoslovak Journal of Physics, Section B Academia, Publishing House of the Czechoslovak Academy of Sciences, Vodickova 40, 112 29 Praha 1, Czechoslovakia
- Daedalus (USA)** — (DAEDAU)
Daedalus (Proceedings of the American Academy of Arts and Sciences) 165 Allandale Street, Jamaica Plain Station, Boston, MA 02130, USA
- Dainichi-Nippon Cables Rev. (Japan)** — (DNDJAW)
Dainichi-Nippon Cables Review Dainichi-Nippon Cables Ltd., Umeda Bldg., 7-3 Umdeba, Kita-ku, Osaka, Japan
- Danfoss J. (Denmark)** — (DNFJA8)
Danfoss Journal Danfoss Manufacturing Co., Nordborg, Denmark
- Data (Netherlands)** — (DATACU)
Data Vereniging van Technisch Hoger Personeel der PTT, Van Hoornbeekstraat 36, 's, Gravenhage, Netherlands
- Data Base (USA)** — (DTBSAN)
Data Base Association of Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Data Manage. (USA)** — (DTAMBZ)
Data Management Data Processing Management Association, 505 Busse Highway, Park Ridge, IL 60068, USA
- Data Process. Educ. (USA)** — (DPEDAX)
Data Processing for Education Computer Digest, 1309 Cherry Street, Philadelphia, PA 19107, USA
- Data Process. Pract. (GB)** — (DPPTAY)
Data Processing Practitioner Institute of Data Processing Ltd., Walter House, 418-422 Strand, London WC2R 0PW, England
- Data Processing (GB)** — (DPROT)
Data Processing IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London SE1 9LU, England
- Data Processor (USA)** — (DATPA5)
Data Processor Data Processing Division, International Business Machines Corp., 1113 Westchester Avenue, White Plains, NY 10604, USA
- Data Rep. (Germany)** — (DARPAT)
Data Report Siemens Aktiengesellschaft, 8000 Munchen 70, Machtfinger Strasse 10, Germany
- Data Syst. (GB)** — (DASYAR)
Data Systems Embankment Press Ltd., Embankment House, 3 Caledonian Road, London, N1 9DX, England
- Database J. (GB)** — (DAJODN)
Database Journal A.P. Publications Ltd., 322 St. John Street, London EC1V 4QH, England
- Datamation (USA)** — (DTMNAT)
Datamation Technical Publishing Co., 1301 South Grove Avenue, Barrington, IL 60010, USA
- Decis. Sci. (USA)** — (DESCDQ)
Decision Sciences American Institute for Decision Sciences, University Plaza, Atlanta, GA 30303, USA
- Deep-Sea Res. (GB)** — (DROAAK)
Deep-Sea Research Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Def. Sci. J. (India)** — (DSJOAA)
Defence Science Journal Metcalf House, New Delhi 6, India
- Defektoskopiya (USSR)** — (DEFKAG)
Defektoskopiya Academy of Sciences of the USSR, Moskva, USSR [English translation in: *Sov. J. Nondestruct. Test. (USA)*]
- Delft Prog. Rep. (Netherlands)** — (DPRED2)
Delft Progress Report Delft University Press, Mijnbouwplein 11, NL-2208 Delft, Netherlands

- Delft Prog. Rep. Ser. A (Netherlands)** — (DPRACN)
Delft Progress Report Series A: Chemistry and Physics, Chemical and Physical Engineering Delft University Press, Julianalaan 134, NL-2208 Delft, Netherlands. Merged into Delft Prog. Rep. (Netherlands)
- Delft Prog. Rep. Ser. B (Netherlands)** — (DPRPBX)
Delft Progress Report Series B: Electrical, Electronic and Information Engineering Delft University Press, Julianalaan 134, NL-2208 Delft, Netherlands. Merged into Delft Prog. Rep. (Netherlands)
- Delft Prog. Rep. Ser. D (Netherlands)** — (DPRSDA)
Delft Progress Report Series D: Architecture, Industrial Design, Social Sciences Delft University Press, Julianalaan 134, NL-2208 Delft, Netherlands. Merged into Delft Prog. Rep. (Netherlands)
- Delft Prog. Rep. Ser. E (Netherlands)** — (DPREBY)
Delft Progress Report Series E: Geosciences Delft University Press, Julianalaan 134, NL-2208 Delft, Netherlands. Merged into Delft Prog. Rep. (Netherlands)
- Delft Prog. Rep. Ser. F (Netherlands)** — (DPRFB3)
Delft Progress Report Series F: Mathematical Engineering Mathematics and Information Engineering Delft University Press, Julianalaan 134, NL-2208 Delft, Netherlands. Merged into Delft Prog. Rep. (Netherlands)
- Des. Eng. (GB)** — (DEMCBS)
Design Engineering Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London, SE18 6QH, England
- Desalination (Netherlands)** — (DSLNAH)
Desalination Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Digital Des. (USA)** — (DIDEDI)
Digital Design Benwill Publishing Corp., 167 Corey Road, Brookline, MA 02146, USA
- Digital Processes (Switzerland)** — (DGPRBY)
Digital Processes Georgi Publishing Co., CH-1813 St. Saphorin, Switzerland
- Dimensions NBS (USA)** — (NBSTAR)
Dimensions NBS U.S. Department of Commerce, Washington, DC 20234, USA
- DISA Inf. (Denmark)** — (DISIAZ)
Danske Industri Syndikat A/S Information Disa Elektronik A/S, DK-2740 Skovlunde, Denmark
- Discrete Math. (Netherlands)** — (DSMHA4)
Discrete Mathematics North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Doc. & Bibl. (Canada)** — (DCBBBO)
Documentation et Bibliothèques Association Canadienne des Bibliothécaires de Langue Française, 360 rue Le Moyne, Montreal 125, Canada
- Documentaliste (France)** — (DCMTAU)
Documentaliste A.D.B.S., 63 Rue Du Cardinal-Lemoine, 75005 Paris, France
- Dokl. Akad. Nauk SSSR** — (DANKAS)
Doklady Akademii Nauk SSSR Izdatel'stvo 'Nauka', 103717 Moskva, Podmosenskii Rep. 21, USSR [English translations of selected articles in: *Sov. Phys.-Dokl. (USA)*]
- Dokl. Biophys. (USA)** — (DOKBAG)
Doklady Biophysics Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA. (Translation of the Biophysics Section of *Doklady Akademii Nauk SSSR*)
- Dopov. Akad. Nauk UkrSR. Ser. A (USSR)** — (DUKABM)
Dopovidi Akademii Nauk Ukrain's'koi RSR. Seriya A Fiziko-Tekhnichni ta Matematichni Nauki Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Dyna (Spain)** — (DYNAAU)
Dyna Association Nacional De Ingenieros Industriales de Espana, AL. Mazarredo, 69, 5 Bilbao 9, Apartado 646, Spain
- Earth & Extrater. Sci. (GB)** — (EEXSA5)
Earth and Extraterrestrial Sciences Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London WC2, England
- Earth & Planet. Sci. Lett. (Netherlands)** — (EPSLA2)
Earth and Planetary Science Letters Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Earth Surf. Processes (GB)** — (ESPRDT)
Earth Surface Processes John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England
- Earthquake Eng. & Struct. Dyn. (GB)** — (IJEEBG)
Earthquake Engineering & Structural Dynamics Formerly: *Int. J. Earthquake Eng. & Struct. Dyn. (GB)* John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England
- EBI (Educ. Broadcast. Int.) (GB)**
EBI (Educational Broadcasting International) Formerly: *Educ. Broadcast. Int. (GB)* Published for the British Council by Peter Peregrinus Ltd., P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England
- EBU Rev. Tech. (Belgium)** — (EBUTA6)
EBU Review, Technical Technical Centre of the European Broadcasting Union, Avenue Albert Lancaster 32, B-1180 Bruxelles, Belgium
- EC-Nyt (Denmark)** — (ECNTDF)
EC-Nyt Issued with: *Elektronik (Denmark)*
- Echo Rech. (France)** — (ECRCAF)
L'Echo des Recherches Centre National d'Etudes des Telecommunications, 38 Rue du General Leclerc, 92 131 Issy-les-Moulineaux, France
- Econ. Comput. & Econ. Cybern. Stud. & Res. (Rumania)** — (ECECAI)
Economic Computation and Economic Cybernetics Studies and Research Centre of Economic Computation and Economic Cybernetics, Bucuresti, Rumania
- EDN (USA)** — (EDNSBH)
EDN Cahners Publishing Co. Inc., 221 Columbus Avenue, Boston, MA 02116, USA
- EDP Anal. (USA)** — (EDPAA6)
EDP Analyzer Canning Publications Inc., 925 Anza Avenue, Vista, CA 92083, USA
- Educ. Broadcast. Int. (GB)** — (EBINAU)
Educational Broadcasting International Title changed to: *EBI (Educ. Broadcast. Int.) (GB)*
- Educ. Stud. Math. (Netherlands)** — (EDSMAN)
Educational Studies in Mathematics D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Educ. Technol. (USA)** — (EDTCAW)
Educational Technology Educational Technology Publications Inc., 140 Sylvan Avenue, Englewood Cliffs, NJ 07632, USA
- EDUCOM Bull. (USA)** — (EDCMAB)
EDUCOM Bulletin Box 364, Rosedale Road, Princeton, NJ 08540, USA
- Eesti NSV Tead. Akad. Fuus. Inst. Uurim. (USSR)** — (ENTUDN)
Eesti NSV Teaduste Akadeemia Fuusika Instituudi Uurimused Akademiia Nauk ESSR, Tallin, USSR
- Eisenbahntechnik (Germany)** — (DETEBZ)
Eisenbahntechnik VEB Verlag Technik, 102 Berlin, Oranienburger Strasse 13/14, Germany
- Ekon.-Mat. Obz. (Czechoslovakia)** — (EKMOBF)
Ekonomicko-Matematicky Obzor Academia, Publishing House of the Czechoslovak Academy of Sciences, Vodickova 40, 112 29 Praha 1, Czechoslovakia
- Electr. Automob. (France)** — (ELATAA)
L'Electricite Automobile 59 Rue du Faubourg-Poissonniere, 75009 Paris, France
- Electr. Conf. Cond. News (USA)** — (ECCNDA)
Electric Comfort Conditioning News Electrical Information Publications Inc., 2132 Fordem Avenue, Madison, WI 53701, USA
- Electr. Commun. (GB)** — (ELCMAX)
Electrical Communication International Telephone & Telegraph Corp., 190 Strand, London, WC2R 1DU, England
- Electr. Commun. Lab. Tech. J. (Japan)** — (TJECAS)
Electrical Communication Laboratories Technical Journal Nippon Telegraph and Telephone Public Corp., 1551 Kichijoji, Musashino-shi, Tokyo, Japan
- Electr. Constr. & Maint. (USA)** — (ECOMAU)
Electrical Construction and Maintenance McGraw-Hill Publishing Co., 1221 Avenue of the Americas, New York, NY 10020, USA
- Electr. Eng. (Australia)** — (ELEMA9)
Electrical Engineer Thompson Publishing (Australia) Pty. Ltd., 47 Chippen Street, Chippendale, N.S.W. 2008, Australia
- Electr. Eng. Jpn. (USA)** — (EENJAU)
Electrical Engineering in Japan Scripta Publishing Corp., 1511 K Street, N.W., Washington, DC 20005, USA. English translation of Trans. Inst. Electr. Eng. Jpn. Parts A, B and C (Japan)
- Electr. Eng. Rev. (Pakistan)** — (EERPAY)
Electrical Engineering Review West Pakistan University of Engineering and Technology, Lahore-31, Pakistan
- Electr. Equip. (GB)** — (ELEQBM)
Electrical Equipment Business Publications Ltd., 109-119 Waterloo Road, London, SE1 8UL, England
- Electr. India** — (EIDAAF)
Electrical India Indian Electrical Manufacturer's Association, 14 Sihd Prasad, Mohul Road, Tilak Nagar, P.O. Ghatkopar, Bombay 89, India
- Electr. Power Syst. Res. (Switzerland)** — (EPSRDN)
Electric Power Systems Research Elsevier Sequoia S.A., P.O. Box 851, CH-1001 Lausanne 1, Switzerland
- Electr. Rev. (GB)** — (ELREAG)
Electrical Review IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England
- Electr. Technol. USSR (GB)** — (ELTGAW)
Electric Technology USSR [Translation of: *Elektrichestvo (USSR)*] Pergamon Press Ltd., Headington Hill Hill, Oxford, OX3 0BW, England
- Electr. Times (GB)** — (ELTIA4)
Electrical Times Dorset House, Stamford Street, London, SE1 9LU, England
- Electr. World (USA)** — (ELWOA3)
Electrical World McGraw-Hill Publishing Co., 1221 Avenue of the Americas, New York, NY 10020, USA
- Electra (France)** — (ECTR3B)
Electra 112 Boulevard Hausmann, 75008 Paris, France
- Electricidade (Portugal)** — (ELDDAB)
Electricidade Empresa Editorial Electrotecnica Edel, Rua de Dona Estefania, 48, 3., Esq., Lisboa 1, Portugal
- Electricite (Belgium)** — (ELTCAK)
Electricite. Revue de l'Union des Exploitations Electriques en Belgique 4 Galerie Ravenstein, Bruxelles 1000, Belgium
- Electro-Opt. Syst. Des. (USA)** — (EOSDB6)
Electro-Optical Systems Design Milton S. Kiver Publications Inc., 222 West Adams, Chicago, IL 60606, USA
- Electro-Rev. (Switzerland)** — (ERVUAO)
Electro-Revue 8027 Zurich, Splügenstrasse 6, Switzerland
- Electro-Technol. (India)** — (ELTEAQ)
Electro-Technology Society of Electronic Engineers, Electronics & Radar Development Establishment, Bangalore 1, India
- Electroacoustique (Belgium)** — (ELACBS)
Electroacoustique Universite de Liege, Laboratoire d'Electroacoustique, Liege, Belgium
- Electrochem. Ind. Process. & Biol. (GB)** — (EIPBBB)
Electrochemistry in Industrial Processing and Biology [Translation of: *Elektron. Obrab. Mater. (USSR)*] Scientific Information Consultants Ltd., 661 Finchley Road, London, NW2 2HN, England
- Electrochim. Acta (GB)** — (ELCAA V)
Electrochimica Acta Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Electrocompon. Sci. & Technol. (GB)** — (ECSTC5)
Electrocomponent Science and Technology Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Electroencephalogr. & Clin. Neurophysiol. (Netherlands)** — (ECNEAZ)
Electroencephalography and Clinical Neurophysiology Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Electromedica (Germany)** — (ELMCBK)
Electromedica Siemens Aktiengesellschaft, Medical Engineering Group, 8520 Erlangen, Henkestrasse 127, Germany
- Electromyography & Clin. Neurophysiol. (Belgium)** — (EMCNA9)
Electromyography and Clinical Neurophysiology Nauwelaerts Publishing House, Muntstraat 10, Louvain, Belgium
- Electron (GB)** — (ELTNCL)
Electron IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England
- Electron Technol. (Poland)** — (ETNTAT)
Electron Technology Instytut Technologii Elektronowej, al. Lotnikow 31/40, 02-668 Warszawa, Poland
- Electron. & Appl. Ind. (France)** — (EAINDQ)
Electronique & Applications Industrielles Formerly: *Electron. & Microelectron. Ind. (France)* Societe des Editions Radio, 9 Rue Jacob, 75006 Paris, France
- Electron. & Commun. (Canada)** — (ECEPAN)
Electronics and Communications Southam Business Publications Ltd., 1450 Don Mills Road, Don Mills, Ontario, Canada

- Electron. & Commun. Jpn. (USA)** — (ECOJAL)
Electronics and Communications in Japan Scripta Publishing Corp., 1511 K Street N.W., Washington, DC 20005, USA. English translation of selected articles from Trans. Inst. Electron. & Commun. Eng. A, B, C, D, (Japan)
- Electron. & Fis. Apl. (Spain)** — (EFAPAO)
Electronica y Fisica Aplicada Centro de Investigaciones Fisicas, Serrano, 144, Madrid 6, Spain
- Electron. & Microelectron. Ind. (France)** — (EMCIAS)
Electronique & Microelectronique Industrielles Title changed to: *Electron. & Appl. Ind. (France)*
- Electron. & Power (GB)** — (ELPWAQ)
Electronics and Power Journal of the Institution of Electrical Engineers Savoy Place, London, WC2R OBL, England
- Electron. Appl. Bull. (Netherlands)** — (EABUBA)
Electronic Applications Bulletin N.V. Philips' Gloeilampenfabrieken, Electronic Components and Materials Division, Eindhoven, Netherlands. N.V. Uitgeversmaatschappij Centrex, Eindhoven
- Electron. Aust. (Australia)** — (EAUSAU)
Electronics Australia Editorial address: 57-59 Regent Street, Sydney 2008, Australia
- Electron. Des. (USA)** — (ELODAW)
Electronic Design Hayden Publishing Co. Inc., 50 Essex Street, Rochelle Park, NJ 07662, USA
- Electron. Electro-Optic Infrared Countermeas. (USA)** — (EEICDL)
Electronic, Electro-Optic and Infrared Countermeasures Title changed to: *Mil. Electron./Countermeas. (USA)*
- Electron. Eng. (GB)** — (ELCEA9)
Electronic Engineering Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London, SE18 6QH, England
- Electron. Equip. News (GB)** — (EEQNAN)
Electronic Equipment News Mercury House Business Publications Ltd., Mercury House, Waterloo Road, London, SE1 8UL, England
- Electron. Ind. (GB)** — (EINDND)
Electronics Industry Lesterstar Ltd., 375 Upper Richmond Road West, London, SW15 7NX, England
- Electron. Inf. & Plann. (India)** — (ELIPB5)
Electronics Information and Planning IPAG, Electronics Commission, C-5/18 Safdarjung Development Area, New Delhi 110016, India
- Electron. Lett. (GB)** — (ELLEAK)
Electronics Letters Institution of Electrical Engineers, Savoy Place, London, WC2R OBL, England
- Electron. Packag. & Prod. (USA)** — (ELPPA5)
Electronic Packaging and Production Milton S. Kiver Publications Inc., 222 West Adams Street, Chicago, IL 60606, USA
- Electron. Prod. (GB)** — (ELPDB4)
Electronic Production Formerly: *Electron. Prod. Methods & Equip. (GB)* Kiver-Patterson Publishing, 322 St. John Street, London EC1, England
- Electron. Prod. Methods & Equip. (GB)** — (ELPDB4)
Electronic Production Methods and Equipment Title changed to: *Electron. Prod. (GB)*
- Electron. Prog. (USA)** — (ELTPAP)
Electronic Progress Raytheon Co., Lexington, MA 02173, USA
- Electron. Technol. (GB)**
Electronic Technology Formerly: *SERT J. (GB)* Society of Electronic and Radio Technicians, Faraday House, 8-10 Charing Cross Road, London, WC2 0HP, England
- Electron. Today (India)** — (ETAYAD)
Electronics Today 4-A Naaz Bldg., Lamington Road, Bombay-4, India
- Electron. Today Int. (GB)** — (ETINDN)
Electronics Today International Modmags Ltd., 25-27 Oxford Street, London, W1R 1RF, England
- Electron. Warf. Def. Electron. (USA)**
Electronic Warfare Defense Electronics EW Communications, 3975 East Bayshore Road, Palo Alto, CA 94303, USA
- Electronics (USA)** — (ELECAD)
Electronics McGraw-Hill Publishing Co., 1221 Avenue of the Americas, New York, NY 10020, USA
- Electrophotography (Japan)** — (ELPYAW)
Electrophotography Society of Electrophotography of Japan, Tokyo, Japan
- Electroplat. & Met. Finish. (GB)** — (EMFIA9)
Electroplating and Metal Finishing Wheatland Journals Ltd., 157 Hagden Lane, Watford, WD1 8LW, England. Merged into: *Finish. Ind. (GB)*
- Electrotechnology (GB)** — (ETNYBB)
Electrotechnology Institution of Electrical and Electronics Technician Engineers, 2 Savoy Hill, London, WC2R OBS, England
- Electroteh. Electron. & Autom. Autom. & Electron. (Rumania)** — (EAAEDR)
Electrotehnica, Electronica si Automatica. Automatica si Electronica O.I.D.-M.I.C.M.U.E., Bucuresti, Calea Victoriei nr. 133, Rumania
- Electroteh. Electron. & Autom. Electroteh. (Rumania)** — (EAAEDL)
Electrotehnica, Electronica si Automatica. Electrotehnica O.I.D.-M.I.C.M.U.E., Bucuresti, Calea Victoriei nr. 133, Rumania
- Elektor (GB)** — (ELEKD6)
Elektor Elektor Publishers Ltd., 6 Stour Street, Canterbury CT1 2XZ, England
- Elektr. & Teplovoznaya Tyaga (USSR)** — (ETTYA6)
Elektricheskaya i Teplovoznaya Tyaga Editorial Address: 107140 Moskva B-140, Krasnopruhnaya ul., 22/24, rep. 262-12-32, USSR
- Elektr. Ausruestung (Germany)** — (ELKAA3)
Elektrische Ausruestung Vogel Verlag, 87-Wurzburg, Postfach 800, Germany
- Elektr. Bahnen (Germany)** — (ELBAAQ)
Elektrische Bahnen R. Oldenbourg Verlag GmbH, 8 Munchen 80, Rosenheimer Strasse 145, Germany
- Elektr. Masch. (Germany)** — (ELMCAJ)
Elektrische Maschinen Huthig & Pflaum Verlag GmbH & Co., 69 Heidelberg 1, Wilkenstrasse 3-5, Germany
- Elektr. Muhendisligi (Turkey)** — (ELMMBG)
Elektrik Muhendisligi Elektrik Muhendisleri Odasi, Ihlamur sokak, 10/1, Yenisehir, Ankara, Turkey
- Elektr. Stantsii (USSR)** — (EKSTAP)
Elektricheskie Stantsii Editorial address: B.Cherkasskii per 2, Moskva K-12, USSR
- Elektrichestvo (USSR)** — (ELEKA3)
Elektrichestvo Editorial address: B.Cherkasskii per 2, Moskva K-12, USSR [English translations of selected articles in: *Electr. Technol. USSR (GB)*]
- Elektrie (Germany)** — (EKTRAO)
Elektrie Kammer der Technik, Fachverband Elektrotechnik Publication address: VEB Verlag Technik, Oranienburger Strasse 13-14, Berlin 102, Germany
- Elektrizitaetsverwertung (Switzerland)** — (EKZVAW)
Elektrizitaetsverwertung (L'Electricite - Electrical Service) Elektrowirtschaft, Victoriahaus, Bahnhofplatz 9, Postfach 2272, 8023 Zurich, Switzerland
- Elektrizitaetswirtschaft (Germany)** — (EKZWAZ)
Elektrizitaetswirtschaft VDEW, Stresemannallee 23, 6000 Frankfurt (Main) 70, Germany
- Elektro (Norway)** — (EEROAV)
Elektro Ingeniorsforlaget A/S, Ingeniørenes Hus, Kronprinsensgt. 17, Boks 2476, Oslo 2, Norway
- Elektro Prom.-st. & Priborostr. (Bulgaria)** — (ELPBAB)
Elektro Promishlenost i Priborostrone Poshechenska Kutea 550, Ulitsa 'Tsar Simeon' 100, Sofiya, Bulgaria
- Elektro-Anz. (Germany)** — (EKANAJ)
Elektro-Anzeiger W. Girardet, 43 Essen, Girardetstrasse 2-38, Postfach 9, Germany
- Elektro-Monteur (Switzerland)** — (EMONAZ)
Elektro-Monteur Title changed to: *Elektrotechnik (Switzerland)*
- Elektrokimiya (USSR)** — (ELKKAX)
Elektrokimiya Institut-Elektrokimiya. Akademiya. Nauk. SSSR, Moskva-V71, Leninskii Prospekt 31, USSR [English translation in: *Sov. Electrochem. (USA)*]
- Elektromeister & Dtsch. Elektrohandwerk (Germany)** — (EMDEAL)
Elektromeister & Deutsches Elektrohandwerk Huthig & Pflaum Verlag, 8 Munchen 19, Lazarettstrasse 4, Germany
- Elektron Int. (Austria)** — (EKITA9)
Das Elektron International 'Elektron'-Verlag, Postfach 156, A-4010 Linz-Donau, Austria
- Elektron. & Elektrotech. (Netherlands)** — (ELELD9)
Elektronica & Elektrotechniek Diligentie BV, Tesselschadestraat 18-22, P.O. Box 6332, Amsterdam, Netherlands
- Elektron. Anz. (Germany)** — (EANZAG)
Elektronik Anzeiger Verlag W. Girardet, 43 Essen 1, Girardetstrasse 2-38, Postfach 9, Germany
- Elektron. Ind. (Germany)** — (EKIDAT)
Elektronik Industrie Elektro-Welt Verlag DR. Huthig, 6900 Heidelberg 1, Wilkenstrasse 3-5, Postfach 102869, Germany
- Elektron. Informationsverarb. Kybern. (Germany)** — (EIVKAX)
Elektronische Informationsverarbeitung und Kybernetik (EIK) Akademie-Verlag, DDR 108 Berlin, Leipziger Strasse 3-4, Germany
- Elektron. J. (Germany)** — (EKTJAY)
Elektronik Journal Europa Fachpresse Verlag GmbH, 8 Munchen 40, Leopoldstrasse 175, Germany
- Elektron. Obrab. Mater. (USSR)** — (EOBMAF)
Elektronnaya Obrabotka Materialov Academy of Sciences of the Moldavian SSR, Agent: Mezhdunarodnaya Kniga, Moskva G 200, USSR [English translation in: *Electrochem. Ind. Process. & Biol. (GB)*]
- Elektron. Prax. (Germany)** — (EKPXAM)
Elektronik Praxis Vogel-Verlag KG, Max Plank-Strasse 7/9, 8700-Wurzburg, Germany
- Elektron. Rechenanlagen (Germany)** — (ELRAA4)
Elektronische Rechenanlagen R. Oldenbourg Verlag GmbH, 8 Munchen 80, Rosenheimerstrasse 145, Germany
- Elektron. Tekh. Ser. 12 (USSR)** — (ETUKA3)
Elektronnaya Tekhnika. Seriya 12 Ministerstvo Elektronnoy Promishlennosti SSSR, Institut 'Elektronika', Moskva, USSR
- Elektronik (Denmark)** — (ELKOAB)
Elektronik Teknisk Forlag A/S, Skelbackgade 4, 1717 Kobenhavn V, Denmark. IPC Business Press Ltd., 161-168 Fleet Street, London, EC4, England
- Elektronik (Germany)** — (EKKRAR)
Elektronik Franzis-Verlag GmbH, 8 Munchen 37, Postfach 3701 20, Karlstrasse 37, Germany
- Elektronika (Poland)** — (EKNTBZ)
Elektronika Editorial address: Al. Swierczewskiego, 95/99, M. 43, III p., 00-144, Warszawa, Poland
- Elektroniker (Switzerland)** — (ELKRBL)
Der Elektroniker Aargauer Tagblatt AG, 5001 Aarau, Switzerland
- Elektronikschau (Austria)** — (ELTRDY)
Elektronikschau Formerly: *Radio Elektron. Schau (Austria)* Technischer Verlag Erb Ges. m.b.H., A-1061 Wien 6, Mariahilfer Strasse 71, Postfach 101, Austria
- Elektroprivreda (Yugoslavia)** — (EKPVAG)
Elektroprivreda Yugoslav Electricity Union and the Association of Yugoslav Electrical Industry. Editorial address: Balkanska 13-15, Beograd, Yugoslavia
- Elektrosvyaz (USSR)** — (EKVZAO)
Elektrosvyaz Ministerstvo svyazi SSR, USSR [English translation in: *Telecommun. & Radio Eng. Part 1 (USA)*]
- Elektrotech. & Maschinenbau (EuM) (Austria)** — (EKMBA9)
Elektrotechnik und Maschinenbau Springer Verlag, 1A-1011 Wien, Molkerbastei 5, Postfach 367, Austria
- Elektrotech. Cas. (Czechoslovakia)** — (ELKCA9)
Elektrotechnicky Casopis 89530 Bratislava, Klemensova 19, Czechoslovakia
- Elektrotech. Obz. (Czechoslovakia)** — (EKOBAJ)
Elektrotechnicky Obzor SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia
- Elektrotech. Z. ETZ A (Germany)** — (EKZAA3)
Elektrotechnische Zeitschrift ETZ A Verband Deutscher Elektrotechniker VDE Verlag, 1000 Berlin 12, Bismarckstrasse 33, Germany
- Elektrotech. Z. ETZ B (Germany)** — (EKZBA6)
Elektrotechnische Zeitschrift ETZ B Verband Deutscher Elektrotechniker Publication address: VDE-Verlag, Bismarckstrasse 33, 1000 Berlin 12, Germany
- Elektrotechnik (Netherlands)** — (ELTKAA)
Elektrotechniek Eendrachtstraat 2, Postbus 6, Meppel, Netherlands
- Elektrotechnik (Czechoslovakia)** — (EKTRBP)
Elektrotechnik SNTL, 111302 Praha 1, Spalena ul. 51, Czechoslovakia
- Elektrotechnik (Germany)** — (EKTCEB)
Elektrotechnik Vogel-Verlag KG, Max-Planck-Strasse 7-9, 8700 Wurzburg, Germany
- Elektrotechnik (Switzerland)** — (EKTKD6)
Elektrotechnik Formerly: *Elektro-Monteur (Switzerland)* Verlags-Aktiengesellschaft, verlag "Elektrotechnik", Apfelhausenweg 14, Postfach 68, 5001 Aarau, Switzerland
- Elektrotechnika (Hungary)** — (EKTTAU)
Elektrotechnika P.O. Box 149, Budapest 62, Hungary
- Elektroteh. Vestn. (Yugoslavia)** — (ELVEA2)
Elektrotehnicki Vestnik Editorial address: YU-61001 Ljubljana, P.O. Box 92 - II, Trzaska 25, Yugoslavia

- Elektrotehnika, Zagreb (Yugoslavia)** — (ELTHB2)
Elektrotehnika Elektrotehnicko Društvo Hrvatske, Zagreb, Bevislavica 6, Ikat, Soba br. 20, Yugoslavia
- Elektrotehnika (USSR)** — (ELKTAQ)
Elektrotehnika Editorial address: 4 Khoromnyi tupik, Moskva B-78, USSR [English translation in: *Sov. Electr. Eng. (USA)*]
- Elektrowaerme Int. Ed. A (Germany)** — (ELWIBK)
Elektrowaerme International, Edition A Title changed to: *ETA Elektrowaerme Tech. Ausbau Ed. A (Germany)*
- Elektrowaerme Int. Ed. B (Germany)** — (ELWIBK)
Elektrowaerme International, Edition B Vulkan-Verlag Dr. W. Classen Nachf. GmbH & Co. KG, D43 Essen, Haus der Technik, Postfach 7049, Germany
- Elektrowaerme Prax. (Germany)**
Elektrowaerme Praxis Vulkan-Verlag Dr. W. Classen, 43 Essen, Haus der Technik, Postfach 7049, Germany
- Elettrificazione (Italy)** — (ELTZAL)
Elettrificazione Editoriale Delfino, Via S. d'Orsenigo 25, 20135 Milano, Italy
- Elettron. & Telecomun. (Italy)** — (ETTCB9)
Elettronica e Telecomunicazioni Via Arsenale 41, 10121 Torino, Italy
- Elettron. Oggi (Italy)** — (ELOGDA)
Elettronica Oggi Via Pelizza da Volpedo 1, 20092 Cinisello Balsamo - Milano, Italy
- Elettrotecnica (Italy)** — (ETRTAF)
Elettrotecnica Ufficio Centrale AEI, Viale Monza 259, 20126 Milano, Italy
- Elin-Z. (Austria)** — (ELNZAP)
Elin-Zeitschrift Elin Union, A-1141 Wien XIV, Penzinger Strasse 76, Austria
- Eltek. Aktuell Elektron. (Sweden)**
Eltek med Aktuell Elektronik Formerly: *Eltek. Aktuell Elektron. A (Sweden)* Ingenjorsforlaget AB, Box 5703 114 87 Stockholm, Sweden
- Eltek. Aktuell Elektron. A (Sweden)** — (ETAEBM)
Eltek med Aktuell Elektronik Edition A Title changed to: *Eltek. Aktuell Elektron. (Sweden)*
- Endeavour (GB)** — (ENDEAS)
Endeavour Title changed to: *Endeavour New Ser. (GB)*
- Endeavour New Ser. (GB)** — (ENDEAS)
Endeavour, New Series Formerly: *Endeavour (GB)* Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Energ. & Atomtech. (Hungary)** — (ENATAO)
Energia es Atomtechnika Kiadja a Lapkiado Vallalat, Budapest VII, Lenin Korut 9-11, Hungary
- Energ. Elett. (Italy)** — (ENELAK)
Energia Elettrica Via Revere 14, 20123 Milano, Italy
- Energ. Fluide (France)** — (ENFLAP)
Energie Fluide Union Francaise de Publications Techniques, 40 rue du Colisee, 75 Paris 8, France
- Energetica (Rumania)** — (EGTAAD)
Energetica Calea Victoriei 109, Bucuresti, Rumania
- Energetik (USSR)** — (EGTKA9)
Energetik Editorial address: B.Cherkasskii per. 2, Moskva K-12, USSR
- Energetika (Czechoslovakia)** — (EGKAA2)
Energetika SNTL, 11302 Praha 1, Spalen ul. 51, Czechoslovakia
- Energetyka (Poland)** — (EGYAA4)
Energetyka Subscription address: Wydawnictwa Czasopism Technicznych NOT, ul. Mazowiecka 12, Warszawa, Poland
- Energia Nuclear (Spain)** — (ENNCA4)
Energia Nuclear Junta de Energia Nuclear, Avda. Complutense 22, Ciudad Universitaria, Madrid-3, Spain
- Energia Nucleare (Italy)** — (ENNLAV)
Energia Nucleare Via Redecio 12, Segrate, Casella Postale 3986, 20100 Milano, Italy
- Energie (Belgium)** — (ENERB5)
Energie Association des Centrales Electrique industrielles de Belgique, Sq. Marie-Louise 49, 1040 Bruxelles, Belgium
- Energie (Germany)** — (ENERA4)
Energie Technischer Verlag Resch KG, 8032 Grafelfing, Postfach 1129, Germany
- Energieanwendung (Germany)** — (EANWA7)
Energieanwendung VEB Deutscher Verlag fur Grundstoffindustrie, 7031 Leipzig, Karl-Heine-Strasse 27, Germany
- Energiespectrum (Netherlands)** — (NRGSD8)
Energiespectrum Formerly: *Atoomenerg. Toepass. (Netherlands)* Energieonderzoek Centrum Nederland, Scheveningseweg 112, Den Haag, Netherlands
- Energietechnik (Germany)** — (ETNKA2)
Energietechnik VEB Deutscher Verlag fur Grundstoffindustrie, Karl-Heine-Strasse 27, 7031 Leipzig, Germany
- Energiewirtsch. Tagesfragen (Germany)** — (EWTFA4)
Energiewirtschaftliche Tagesfragen Energiewirtschaft und Technik Verlagsgesellschaft mbH, 8032 Grafelfing, Postfach 1229, Germany
- Energija (Yugoslavia)** — (ENJAAC)
Energija Zagreb, Ulica Proleterskih Brigada 37, Post pretinae 293, Yugoslavia
- Energopomiar (Poland)** — (EBNZAN)
Energopomiar, Biuletyn Nakowa-Techniczny Zakladu Baden i Pomiarow Issued with: *Energetyka (Poland)*
- Energy (GB)** — (ENEYDS)
Energy Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Energy Commun. (USA)** — (ENCODM)
Energy Communications Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Energy Convers. (GB)** — (ENERB5)
Energy Conversion Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Energy Dev. (Germany)**
Energy Developments Technischer Verlag Resch KG, Postfach 1129, D-8032 Grafelfing/Munchen, Germany
- Energy Int. (USA)** — (ENEIBC)
Energy International Miller Freeman Publications, 500 Howard Street, San Francisco, CA 94105, USA
- Energy Policy (GB)** — (ENPYAC)
Energy Policy IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Energy Sources (USA)** — (EGYSAO)
Energy Sources Crane, Russak & Co. Inc., 347 Madison Avenue, New York, NY 10017, USA
- Energy Syst. & Policy (USA)** — (ESYPBW)
Energy Systems and Policy Crane, Russak & Co. Inc., 347 Madison Avenue, New York, NY 10017, USA
- Eng. Cybern. (USA)** — (ENCYAF)
Engineering Cybernetics [Translation of: *Tekh. Kibernet. (USSR)*] Scripta Publishing Corp., 1511 K Street N.W., Washington, DC 20005, USA
- Eng. Dig. (GB)** — (ENDGAY)
Engineers' Digest 120 Wigmore Street, London, W1 1YZ, England
- Eng. Econ. (USA)** — (ENECAR)
Engineering Economist American Society for Engineering Education, Engineering Education Division, 300 West Chestnut Street, Ephrata, PA 17522, USA
- Eng. Fract. Mech. (GB)** — (EFMEAH)
Engineering Fracture Mechanics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Eng. J. (Canada)** — (ENJOAK)
Engineering Journal Engineering Institute of Canada, 700 EIC Building, 2050 Mansfield Street, Montreal 110, Quebec H3A 1Y9, Canada
- Eng. Mater. & Des. (GB)** — (EMTDAU)
Engineering Materials & Design IPC Industrial Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England
- Eng. Med. (GB)** — (EGMDAL)
Engineering in Medicine Institution of Mechanical Engineers, 1 Birdcage Walk, London, SW1H 9JJ, England
- Eng. Optimization (GB)** — (EGOPAX)
Engineering Optimization Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Engineer (GB)** — (ENGIAL)
Engineer Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London SE18 6QH, England
- Entropie (France)** — (ENTPAS)
Entropie Editions Bartheye & Co., 54 avenue Marceau, F-75008 Paris, France
- Environ. & Exp. Bot. (GB)** — (EEBODM)
Environmental and Experimental Botany Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- EOS Trans. Am. Geophys. Union (USA)** — (EOSTAJ)
EOS Transactions of the American Geophysical Union 1909 K Street, N.W., Washington, DC 20006, USA
- Equip. Ind. Achats & Entretien (France)** — (EIAEDF)
Equipelement Industriel Achats et Entretien Les Nouvelles du Monde, 13 rue de Liege, Paris 9, France
- ERA (Sweden)** — (ERAFAA)
ERA Foreningen for Elektricitetens Rationella Anvandning. Norrtullsgatan 6, Box 6405, 113 82 Stockholm, Sweden
- Ericsson Rev. (Sweden)** — (ERREAO)
Ericsson Review LM Ericsson, S-12625 Stockholm 32, Sweden
- Ericsson Tech. (Sweden)** — (ERITAO)
Ericsson Technics L.M. Ericsson, S-126 11 Stockholm 32, Sweden
- ESA Bull. (France)**
ESA Bulletin ESA Space Documentation Service, 8-10 rue Mario Nikis, 75738 Paris Cedex 15, France
- ESA J. (Netherlands)** — (ESAJDW)
ESA Journal Formerly: *ESA Sci. & Tech. Rev. (Netherlands)* ESA Scientific & Technical Information Branch, ESTEC, Noordwijk, Netherlands
- ESA Sci. & Tech. Rev. (Netherlands)**
ESA Scientific and Technical Review Title changed to: *ESA J. (Netherlands)*
- Escher Wyss News (Switzerland)** — (ESWNAF)
Escher Wyss News Escher Wyss Ltd., 8023 Zurich, Switzerland
- ETA Elektrowaerme Tech. Ausbau Ed. A (Germany)** — (ETAD2)
ETA Elektrowaerme im Technischen Ausbau Edition A Formerly: *Elektrowaerme Int. Ed. A (Germany)* Vulkan-Verlag Dr. W. Classen Nachf. GmbH & Co. KG, D 43 Essen 1, Haus der Technik, Postfach, 7049, Germany
- Eur. J. Oper. Res. (Netherlands)** — (EJORDT)
European Journal of Operational Research North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Euromicro J. (Netherlands)** — (EUNEDS)
Euromicro Journal North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Euromicro Newsl. (France)** — (EUNEDS)
Euromicro Newsletter European Association for Microprocessing and Microprogramming, BP 233, 60206 Compiègne, France. North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Eval. Eng. (USA)** — (EVENAE)
Evaluation Engineering A. Verner Nelson Associates, Nelson Building, 1282 Old Skokie Road, Highland Park, IL 60035, USA
- Executive Eng. (GB)** — (EXENDV)
Executive Engineer Association of Supervisory and Executive Engineers, Wix Hill House, West Horsley, Surrey KT24 6DZ, England. Inhouse Publications Ltd., 24 Eastern Road, Romford, Essex
- Exp. Mech. (USA)** — (EXMCAZ)
Experimental Mechanics Society for Experimental Stress Analysis, 21 Bridge Street, P.O. Box 277, Sangatuck Sta., Westport, CT 06880, USA
- Exp. Tech. Phys. (Germany)** — (EXPPAL)
Experimentelle Technik der Physik VEB Deutscher Verlag der Wissenschaften, 108 Berlin, Johannes-Dieckmann Strasse 10, Germany
- Fastening (GB)** — (FASTD3)
Fastening Mercury House Business Publications Ltd., Mercury House, Waterloo Road, London, SE1 8UL, England
- Feingeratetechnik (Germany)** — (FGRTA3)
Feingeratetechnik VEB Verlag Technik, Oranienburger Strasse 13/14, 102 Berlin, Germany
- Feinwerktech. & Messtech. (Germany)** — (FEMEDO)
Feinwerktechnik & Messtechnik Carl Hanser Verlag, D-8000 Munchen 80, Kolbergerstrasse 22, Germany. Incorporating Feinwerktech. & Micronic (Germany) and Messtechnik (Germany)
- Fernmelde-Ing. (Germany)** — (FINGAQ)
Fernmelde-Ingenieur Verlag fur Wissenschaft und Leben, Georg Heidecker, Kulsheimer Strasse 11, 8532 Bad Windsheim, Germany
- Fernmelde-Praxis (Germany)** — (FEPXAP)
Fernmelde-Praxis Fachverlag Schiele und Schon GmbH, Markgrafenstrasse 11, 1000 Berlin 61, Germany
- Fernmeldetechnik (Germany)** — (FERNB6)
Fernmeldetechnik VEB Verlag Technik, 102 Berlin, Oranienburger Strasse 13/14, Germany

- Fernseh- & Kino-Tech. (Germany)** — (FNKTAH)
Fernseh- und Kino-Technik Huthig und Pflaum Verlag, 8000 Munchen 2, Postfach 201920, Germany
- Fernwaerme Int. (Germany)** — (FRWMAG)
Fernwaerme International 6000 Frankfurt (Main) 70, Stresemannallee 23, Germany
- Ferroelectrics (GB)** — (FEROAS)
Ferroelectrics Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Fertigungstech. & Betr. (Germany)** — (FTGBAJ)
Fertigungstechnik und Betrieb VEB Verlag Technik, Oranienburger Strasse 13/14, 102 Berlin, Germany
- Fiber & Integrated Opt. (USA)** — (FOIOD2)
Fiber and Integrated Optics Crane, Russak & Co. Inc., 347 Madison Avenue, New York, NY 10017, USA
- Fields & Quanta (GB)** — (FDQTAB)
Fields and Quanta Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Finish. Ind. (GB)** — (FIINDP)
Finishing Industries Wheatland Journals Ltd., 157 Hagden Lane, Watford WD1 8LW, England
- Finomech.-Mikrotech. (Hungary)** — (FNMKAY)
Finomechanika-Mikrotechnika Lapkiado Vallalat, 1073 Budapest 7, Lenin Korut 9-11, Hungary
- Fiz. & Khim. Obrab. Mater. (USSR)** — (FKOMAT)
Fizika i Khimiya Obrabotki Materialov Izdatel'stvo "Nauka" 103717 Moskva B-334, Rodosenskii 21, USSR
- Fiz. & Khim. Stekla (USSR)** — (FKSTD5)
Fizika i Khimiya Stekla Izdatel'stvo "Nauka", Leningrad, USSR [English translation in: *Sov. J. Glass Phys. & Chem. (USA)*]
- Fiz. & Tekh. Poluprovodn. (USSR)** — (FTPPA4)
Fizika i Tekhnika Poluprovodnikov Publisher: Academy of Sciences of the USSR, "Nauka" Press, Moscow and Leningrad. Subscription address: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Sov. Phys.-Semicond. (USA)*]
- Fiz. Elem. Chastits & At. Yadra (USSR)** — (FECAAR)
Fizika Elementarnykh Chastits i Atomnogo Yadra 103031 Moskva K31, Uli. Zhlanova 5, USSR [English translation in: *Sov. J. Part. & Nucl. (USA)*]
- Fiz. Goreniya & Vzryva (USSR)** — (FGVZA7)
Fizika Goreniya i Vzryva Publication House "Nauka", Siberian Division, Novosibirsk, USSR [English translation in: *Combust., Explos. & Shock Waves (USA)*]
- Fiz. Met. & Metalloved. (USSR)** — (FMMTAK)
Fizika Metallov i Metallovedenie Izdatel'stvo Akademii Nauk SSSR, Sverdlovsk, USSR [English translation in: *Phys. Met. & Metallogr. (GB)*]
- Fiz. Nizk. Temp. (USSR)** — (FNTEDK)
Fizika Nizkikh Temperatur Izdatel'stvo "Naukova Dumka", 252601 Kiev, Repina 3, USSR [English translation in: *Sov. J. Low Temp. Phys. (USA)*]
- Fiz. Plazmy (USSR)** — (FIPLDK)
Fizika Plazmy Izdatel'stvo "Nauka", 103717 Moskva, Podosenskii 21, USSR [English translation in: *Sov. J. Plasma Phys. (USA)*]
- Fiz. Sz. (Hungary)** — (FISZA6)
Fizikai Szemle Kiadja a Lapkiado Vallalat, Budapest VII, Lenin korut 9-11, Hungary
- Fiz. Tverd. Tela (USSR)** — (FTVTAC)
Fizika Tverdogo Tela Academy of Sciences Press, Moscow and Leningrad. Subscription address: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Sov. Phys.-Solid State (USA)*]
- Fiz.-Khim. Mekh. Mater. (USSR)** — (FKMMAJ)
Fiziko-Khimicheskaya Mekhanika Materialov Izdatel'stvo "Naukova Dumka", 252601 Kiev, Repina 3, USSR [English translation in: *Sov. Mater. Sci. (USA)*]
- Fizika (Yugoslavia)** — (FZKAAA)
Fizika Mladost Export-Import, 41000 Zagreb, Ilica 30, Yugoslavia
- Fluid Appar. & Pneum. (Italy)** — (FAIPB7)
Fluid Apparechiature Idrauliche e Pneumatiche 20154 Milano, via Mantegna 6, Italy
- Fluid Dyn. (USA)** — (FLDYAH)
Fluid Dynamics [Translation of: *Izv. Akad. Nauk SSSR Mekh. Zhidk. & Gaza*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Fluid Mech. - Sov. Res. (USA)** — (FMSVAM)
Fluid Mechanics - Soviet Research Scripta Publishing Corp., 1511 K Street, N.W., Washington, DC 20005, USA
- Fluid Phase Equilibria (Netherlands)** — (FPEQDT)
Fluid Phase Equilibria Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Fluid. Q. (USA)** — (FLQUA2)
Fluidics Quarterly P.O. Box 2928, Stanford, CA 94305, USA
- Foedern & Heben (Germany)** — (FOHBAN)
Foedern und Heben Krausskopf Verlag fur Wirtschaft GmbH, 6500 Mainz, Lessingstrasse 12, Postfach 2760, Germany
- Folia Fac. Sci. Nat. Univ. Purkynianae Brunensis Phys. (Czechoslovakia)** — (FNPBAM)
Folia Facultatis Scientiarum Naturalium Universitatis Purkynianae Brunensis, Physica University J.E. Purkyne, 61137 Brno-Kotlarska 2, Czechoslovakia
- Forschungsber. Landes Nordrhein-Westfalen (Germany)** — (FLNWAR)
Forschungsberichte des Landes Nordrhein-Westfalen Westdeutscher Verlag, Gustav-Stresemann-Ring 12-16, 6200 Wiesbaden 1, Germany
- Fortachr. Phys. (Germany)** — (FPYKA6)
Fortschritte der Physik Akademie-Verlag, DDR-108 Berlin, Leipzigerstrasse 3-4, Germany
- Found. Lang. (Netherlands)** — (FOULAG)
Foundations of Language D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Found. Phys. (USA)** — (FNDPA4)
Foundations of Physics Plenum Publishing Co., 227 West 17th Street, New York, NY 10011, USA
- Fra Fys. Verden (Norway)** — (FYVDAX)
Fra Fysikkens Verden Fysisk Institutt, Universitetet i Trondheim, Norges Laererhøgskole, 7000 Trondheim, Norway
- Freddo (Italy)** — (FREDAZ)
Il Freddo Soc. P. E. G., Via Filli Bressan 2, 20126 Milano, Italy
- Frequenz (Germany)** — (FQNZA3)
Frequenz Fachverlag Schiele und Schon GmbH, Markgrafenstrasse 11, 1000 Berlin 61, Germany
- Fuji Electr. Rev. (Japan)** — (FUERBV)
Fuji Electric Review Fuji Electric Co. Ltd., 12-1, 1-chome, Yurakucho, Chiyoda-ku, Tokyo, Japan
- Fujikura Tech. Rev. (Japan)** — (FKDGAO)
Fujikura Technical Review Fujikura Cable Works Ltd., 5-1, 1-chome Kiba, Koto-ku, Tokyo, Japan
- Fujitsu Sci. & Tech. J. (Japan)** — (FUSTA4)
Fujitsu Scientific and Technical Journal Fujitsu Ltd., 1015 Kamikodanaka, Nakahara-ku, Kawasaki 211, Kanagawa, Japan
- Funct. Photogr. (USA)** — (FUPHDO)
Functional Photography Photographic Applications in Science and Technology Inc., 250 Fulton Avenue, Hempstead, NY 11550, USA
- Fundam. Cosmic Phys. (GB)** — (FNCPIX)
Fundamentals of Cosmic Physics Gordon and Breach Science Publishers Ltd., 41/42 William IV Street, London, WC2, England
- Funk-Fachhaendler (Germany)** — (FUFABJ)
Funk-Fachhaendler Verlag Neuer Merkur GmbH, 8 Munchen 46, Ingolstadtstrasse 63A, Postfach 460805, Germany
- Funk-Tech. (Germany)** — (FUTEAW)
Funk-Technik Huthig & Pflaum Verlag, 69 Heidelberg 1, Postfach 102869, Germany
- Funkschau (Germany)** — (FUSHA2)
Funkschau Franzis-Verlag GmbH, 8 Munchen 2, Postfach 370120, Karlstrasse 37, Germany
- Furukawa Electr. Rev. (Japan)** — (FKDJAX)
Furukawa Electric Review Furukawa Electric Co., 6-1 Marunochi, 2-chome, Chiyoda-ku, Tokyo, Japan
- Fuzzy Sets & Syst. (Netherlands)**
Fuzzy Sets and Systems North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Fys. Tidsskr. (Denmark)** — (FYTIA4)
Fysisk Tidsskrift Subscription address: Jul. Gjellerups Boghandel, Solvgade 87, 1307 Kobenhavn, Denmark
- Galvanotechnik (Germany)** — (GVTKAY)
Galvanotechnik Eugen G. Leuze Verlag, 7968 Saulgau (Wurt.), Postfach 8, Germany
- Gaz. Mat. (Portugal)** — (GZMTAK)
Gazeta de Matematica Rue Diaro de Noticias, 134-1º, Lisboa, Portugal
- GEC J. Sci. & Technol. (GB)** — (GJSTA6)
GEC Journal of Science & Technology General Electric Co. Ltd., 1 Stanhope Gate, London, W1A 1EH, England
- GEC Telecommun. (GB)** — (GECTAR)
GEC Telecommunications GEC Telecommunications Ltd., P.O. Box 53, Coventry, CV3 1HJ, England
- Geliotehnika (USSR)** — (GLOTAY)
Geliotehnika Academy of Sciences of the Uzbek SSR, Tashkent, USSR [English translation in: *Appl. Sol. Energy (USA)*]
- Gen. Relativ. & Gravitation (USA)** — (GRGVA8)
General Relativity and Gravitation Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- Geochim. & Cosmochim. Acta (GB)** — (GCACAK)
Geochimica et Cosmochimica Acta Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Geoxploration (Netherlands)** — (GEOXAV)
Geoxploration Elsevier Scientific Publishing Co., P.O. Box 211 Amsterdam, Netherlands
- Geofiz. Kosmenyek (Hungary)** — (GEKOAI)
Geofizikai Kosmenyek Muzsaki Konyvkiado, Budapest, Hungary
- Geofiz. Sb. (USSR)** — (GFSUAF)
Geofizicheskii Sbornik Izdatel'stvo "Naukova Dumka", Kiev, Repina 3, USSR
- Geofys. Publ. (Norway)** — (GFPBAB)
Geofysiske Publikasjoner Title changed to: *Geophys. Norv. (Norway)*
- Geomagn. & Aeron. (USA)** — (GMARAX)
Geomagnetism and Aeronomy [Translation of: *Geomagn. & Aeron. (USSR)*] American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
- Geomagn. & Aeron. (USSR)** — (GEAEA6)
Geomagnetizm i Aeronomiya Akademiiya Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Geomagn. & Aeron. (USA)*]
- Geomagn. Ser. Earth Phys. Branch (Canada)** — (GSGCDT)
Geomagnetic Series, Earth Physics Branch Energy, Mines and Resources Canada, 1 Observatory Crescent, Ottawa K1A 0E4, Canada
- Geophys. & Astrophys. Fluid Dyn. (GB)** — (GAFDD3)
Geophysical and Astrophysical Fluid Dynamics Formerly: *Geophys. Fluid Dyn. (GB)* Gordon and Breach Science Publishers Ltd., 41/42 William IV Street, London, WC2, England
- Geophys. Fluid Dyn. (GB)** — (GFDYAK)
Geophysical Fluid Dynamics Title changed to: *Geophys. & Astrophys. Fluid Dyn. (GB)*
- Geophys. J. R. Astron. Soc. (GB)** — (GEOJAN)
Geophysical Journal of the Royal Astronomical Society Burlington House, London, W1V 0NL, England
- Geophys. Norv. (Norway)** — (GPNOAB)
Geophysica Norvegica (Geofysiske Publikasjoner) Formerly: *Geofys. Publ. (Norway)* Universitetsforlaget, P.O. Box 307, Blindern, Oslo 3, Norway
- Geophys. Prospect. (Netherlands)** — (GPPRAR)
Geophysical Prospecting European Association of Exploration Geophysicists, P.O. Box 162, The Hague, Netherlands
- Geophys. Res. Lett. (USA)** — (GPRLAJ)
Geophysical Research Letters American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
- Geophys. Surv. (Netherlands)** — (GPSVAK)
Geophysical Surveys D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Geophysics (USA)** — (GPYSA7)
Geophysics Society of Exploration Geophysicists, P.O. Box 3098, Tulsa, OK 74101, USA
- GEOS (Canada)** — (GEOSCI)
GEOS Department of Energy, Mines and Resources, Ottawa, Canada
- Geotechnics (Japan)** — (CSKGAE)
Geotechnics Geotechnical Research Office, Nippon Geophysical Prospecting Co. Ltd., 2-12, 2-chome, Nakamagome, Ohta-ku, Tokyo 143, Japan
- Gerlands Beitr. Geophys. (Germany)** — (BEGOAB)
Gerlands Beitrage zur Geophysik Akademische Verlags-Gesellschaft Geest und Portig KG, Sternwartenstrasse 8, DDR 701 Leipzig 1, Germany
- Gidromekhanika (USSR)** — (GDMKBA)
Gidromekhanika Izdatel'stvo "Naukova Dumka", Kiev, Repina 3, USSR

- Gidrotekh. Stroit. (USSR)** — (GTSTA8)
Gidrotechnicheskoe Stroitel'stvo Agent: Mezhdunarodnaya Kniga, Moskva, USSR
- Glass & Ceram. (USA)** — (GLCEAV)
Glass and Ceramics [Translation of: *Steklo & Keram. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Glass (GB)** — (GLASAT)
Glass Fuel & Metallurgical Journals Ltd., Queensway House, 2 Queensway, Redhill, Surrey RH1 1QS, England
- Glass Technol. (GB)** — (GLSTAK)
Glass Technology Society of Glass Technology, Thornton, Hallam Gate Road, Sheffield, S10 5BT, England
- Gov. Data Syst. (USA)** — (GVDSBD)
Government Data Systems United Business Publications Inc., 475 Park Avenue South, New York, NY 10016, USA
- Grundig Tech. Inf. (Germany)** — (GRTIAY)
Grundig Technische Informationen Grundig Werke GmbH, 8510 Furth (Bayern), Kurgartenstrasse 37, Germany
- GTE Autom. Electr. J. (USA)** — (GAJJDG)
GTE Automatic Electric Journal Formerly: *GTE Autom. Electr. Tech. J. (USA)* GTE Automatic Electric Inc., Northlake IL 60164, USA
- GTE Autom. Electr. Tech. J. (USA)** — (GTEABI)
GTE Automatic Electric Technical Journal Title changed to: *GTE Autom. Electr. J. (USA)*
- Hadronic J. (USA)**
Hadronic Journal Hadronic Press Inc., Nonantum, MA 02195, USA
- Harvard Bus. Rev. (USA)** — (HABRAX)
Harvard Business Review Subscription Service Department, P.O. Box 400, Whitinsville, MA 01588, USA
- Hasler Rev. (Switzerland)** — (HSLRA5)
Hasler Review Hasler Ltd., Belpstrasse 23, 3000 Berne 14, Switzerland
- Hausmitt. Jos. Schneider (Germany)** — (HJSCAY)
Hausmittelungen Jos. Schneider Optische Werke, 655 Bad. Kreuznach, Postfach 947, Germany
- Health Phys. (GB)** — (HLTPAO)
Health Physics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Heat & Fluid Flow (GB)** — (HTFFAE)
Heat and Fluid Flow Institution of Mechanical Engineers, 1 Birdcage Walk, London, SW1H 9JJ, England
- Heat Transfer - Sov. Res. (USA)** — (HTSRAD)
Heat Transfer - Soviet Research Scripta Publishing Corp., 1511 K Street, N.W., Washington, DC 20005, USA
- Heat Transfer-Jpn. Res. (USA)** — (HTJPAU)
Heat Transfer - Japanese Research Scripta Publishing Corp., 1511 K Street, N.W., Washington, DC 20005, USA
- Heat. & Air Cond. J. (GB)** — (HACJBF)
Heating and Air Conditioning Journal Troup Publications Ltd., 30 Old Burlington Street, London, W1X 2AE, England
- Heat. & Vent. Eng. (GB)** — (HVENBE)
Heating and Ventilating Engineer Technitrade Journals Ltd., 886 High Road, London, N12 9SB, England
- Helv. Phys. Acta (Switzerland)** — (HPACAK)
Helvetica Physica Acta Schweizerische Physikalische Gesellschaft. Publisher: Birkhauser Verlag, Elisabethenstrasse 19, CH-4000 Basel 10, Switzerland
- Her. Lib. Sci. (India)** — (HLBSAB)
Herald of Library Science C1, Banaras Hindu University, Varanasi-5, India
- Hermisdorfer Tech. Mitt. (Germany)** — (HTMTAN)
Hermisdorfer Technische Mitteilungen Kombinat VEB Keramik Werke Hermisdorf, Hermisdorf/Thuringen, Germany
- Hewlett-Packard J. (USA)** — (HPJOAX)
Hewlett-Packard Journal 1501 Page Mill Road, Palo Alto, CA 94304, USA
- High Temp. (USA)** — (HITEA4)
High Temperature [Translation of: *Teplofiz. Vys. Temp. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- High Temp. Sci. (USA)** — (HITSAC)
High Temperature Science Humana Press Inc., P.O. Box 2148, Clifton, NJ 07015, USA
- High Temp.-High Pressures (GB)** — (HTHPAK)
High Temperatures - High Pressures Pion Ltd., 207 Brondesbury Park, London, NW2 5JN, England
- Hiradastechnika (Hungary)** — (HIRAAG)
Hiradastechnika Lapkaido Vallalat, 1073 Budapest, Lenin Krt 9-11, Hungary
- Hiradstech. Ipari Kut. Intez. Koezl. (Hungary)** — (HIKKAB)
Hiradstechnikai Ipari Kutato Intezet Kozlemenyei Industrial Research Institute for Electronics 'Hiki', Hungary. Editorial address: Gellert u 12/Vezeto, Budapest IV
- Hitachi Rev. (Japan)** — (HITAAQ)
Hitachi Review Ohm-sha Co., No. 1, 3-chome, Kanda Nishiki-cho, Chiyoda-ku, Tokyo 101, Japan
- HLH (Heiz. Luftung Klimatch. Haustechn.) (Germany)** — (HLHZAS)
HLH (Heizung Luftung Klimatechnik Haustechnik) VDI Verlag GmbH, 4 Dusseldorf 1, Graf-Recke-Strasse 84, Postfach 1139, Germany
- Holecpost (Netherlands)** — (HOLEBT)
Holecpost Holec NV, Postbus 23, Hengelo, Netherlands
- Hong Kong Eng. (USA)** — (HKOEDU)
Hong Kong Engineer Asia Trade Journals Ltd., 10th Floor, 57-59 Lockhart Road, Hong Kong, Hong Kong
- Hosp. Eng. (GB)** — (HSEGA5)
Hospital Engineering Institute of Hospital Engineering, 20 Landsport Terrace, Southsea, Hants. PO1 2RG, England
- Hosp. Financ. Manage. (USA)** — (HFIMAK)
Hospital Financial Management Room 245, 666 North Lake Shore Drive, Chicago, IL 60611, USA
- Houille Blanche (France)** — (HOBLAB)
La Houille Blanche 5 Chemin des Marronniers, B.p. 356, 38008 Grenoble Cedex, France
- Houston J. Math. (USA)** — (HJMA2Z)
Houston Journal of Mathematics University of Houston, Department of Mathematics, Houston, TX 77004, USA
- Hum. Factors (USA)** — (HUFAA6)
Human Factors Johns Hopkins Press, Baltimore, MD 21218, USA
- Hung. Heavy Ind. (Hungary)** — (HUHIA6)
Hungarian Heavy Industries Title changed to: *Hung. Mach. (Hungary)*
- Hung. Mach. (Hungary)** — (HMACD2)
Hungarian Machinery Formerly: *Hung. Heavy Ind. (Hungary)* Hungarian Chamber of Commerce, H-1073 Budapest, Lenin krt. 9/11, Hungary
- Hydraul. & Pneum. (USA)** — (HYDPAZ)
Hydraulics and Pneumatics Industrial Publishing Co., 614 Superior Avenue West, Cleveland, OH 44113, USA
- Hydraul. Pneum. Mech. Power (GB)** — (HPMPDK)
Hydraulic Pneumatic Mechanical Power Trade & Technical Press Ltd., Crown House, Morden, Surrey SM4 5EW, England
- Hyperfine Interactions (Netherlands)** — (HYINDN)
Hyperfine Interactions North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- I.A.U. Circ. (USA)** — (IANUAB)
International Astronomical Union Circular IAU Central Telegram Bureau, Smithsonian Observatory, Cambridge, MA 02138, USA
- IATUL Proc. (GB)** — (IATPAQ)
IATUL Proceedings Library, University of Technology, Loughborough, Leics, England
- IBA Tech. Rev. (GB)** — (IBARBD)
IBA Technical Review Independent Broadcasting Authority, 70 Brompton Road, London, SW3 1EY, England
- IBM J. Res. & Dev. (USA)** — (IBMJAE)
IBM Journal of Research and Development International Business Machines Corporation, Armonk, New York, NY 10504, USA
- IBM Nachr. (Germany)** — (IBMNAQ)
IBM Nachrichten IBM Deutschland GmbH, 7000 Stuttgart 80, Postfach 800880, Germany
- IBM Syst. J. (USA)** — (IBMSA7)
IBM Systems Journal International Business Machines Corporation, Armonk, New York, NY 10504, USA
- IBM Tech. Disclosure Bull. (USA)** — (IBMTAA)
IBM Technical Disclosure Bulletin International Business Machines Co., Armonk, New York, NY 10504, USA
- Icarus (USA)** — (ICRSA5)
Icarus Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- IEC Bull. (Switzerland)** — (IEBUAD)
IEC Bulletin International Electrotechnical Commission, 1 rue de Varembe, 1211 Geneva 20, Switzerland
- IEE J. Comput. & Digital Tech. (GB)** — (IJCTDJ)
IEE Journal on Computers and Digital Techniques Institution of Electrical Engineers, Publishing Department, P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England
- IEE J. Electr. Power Appl. (GB)** — (IJEADG)
IEE Journal on Electric Power Applications Institution of Electrical Engineers, Publishing Department, P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England
- IEE J. Electron. Circuits & Syst. (GB)** — (IECSDF)
IEE Journal on Electronic Circuits and Systems Institution of Electrical Engineers, Publishing Department, P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England
- IEE J. Microwave Opt. & Acoust. (GB)** — (IJMADC)
IEE Journal on Microwave, Optics and Acoustics Institution of Electrical Engineers, Publishing Department, P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England
- IEE J. Solid-State & Electron Devices (GB)** — (IJSDDH)
IEE Journal on Solid-State and Electron Devices Institution of Electrical Engineers, Publishing Department, P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England
- IEE Rev. (GB)** — (IERWAV)
IEE Reviews Institution of Electrical Engineers, Savoy Place, London, WC2R 0BL, England
- IEE-IERE Proc. India (GB)** — (IIPB8)
I.E.E.-I.E.R.E. Proceedings - India Institution of Electrical Engineers, Savoy Place, London, WC2R 0BL, England. Institution of Electronic and Radio Engineers, 8-9 Bedford Square, London, WC1B 3RG
- IEEE Commun. Soc. Mag. (USA)** — (ICSMdT)
IEEE Communications Society Magazine Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Electrolatina (Mexico)** — (IELLA2)
IEEE Electrolatina Institute of Electrical & Electronics Engineers, Monte Libano 875, Mexico 10, DF, Mexico
- IEEE J. Oceanic Eng. (USA)** — (IJOEDY)
IEEE Journal of Oceanic Engineering Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE J. Quantum Electron. (USA)** — (IEJQA7)
IEEE Journal of Quantum Electronics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE J. Solid-State Circuits (USA)** — (IJSBCB)
IEEE Journal of Solid-State Circuits Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Spectrum (USA)** — (IEESAM)
IEEE Spectrum Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Acoust., Speech & Signal Process. (USA)** — (IETABA)
IEEE Transactions on Acoustics, Speech and Signal Processing Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Aerosp. & Electron. Syst. (USA)** — (IEARAX)
IEEE Transactions on Aerospace and Electronic Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Antennas & Propag. (USA)** — (IETPAK)
IEEE Transactions on Antennas and Propagation Institute of Electrical and Electronics Engineers 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Autom. Control (USA)** — (IETAA9)
IEEE Transactions on Automatic Control Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Biomed. Eng. (USA)** — (IEBEAX)
IEEE Transactions on Biomedical Engineering Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Broadcast. (USA)** — (IETBAC)
IEEE Transactions on Broadcasting Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Cable Telev. (USA)** — (ITCTDL)
IEEE Transactions on Cable Television Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA

- IEEE Trans. Circuits & Syst. (USA)** — (ICSYBT)
IEEE Transactions on Circuits and Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Commun. (USA)** — (IECMBT)
IEEE Transactions on Communications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Components, Hybrids & Manuf. Technol. (USA)** — (ITTEDR)
IEEE Transactions on Components, Hybrids, and Manufacturing Technology Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Comput. (USA)** — (ITCOB4)
IEEE Transactions on Computers Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Consum. Electron. (USA)** — (ITCEDA)
IEEE Transactions on Consumer Electronics Formerly: *IEEE Trans Broadcast & Telev. Receivers (USA)* Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Educ. (USA)** — (IEEDAB)
IEEE Transactions on Education Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Electr. Insul. (USA)** — (IETIAX)
IEEE Transactions on Electrical Insulation Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Electromagn. Compat. (USA)** — (IEMCAE)
IEEE Transactions on Electromagnetic Compatibility Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Electron Devices (USA)** — (IETDAI)
IEEE Transactions on Electron Devices Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Eng. Manage. (USA)** — (IEEMA4)
IEEE Transactions on Engineering Management Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Geosci. Electron. (USA)** — (IEGEOA)
IEEE Transactions on Geoscience Electronics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Ind. Appl. (USA)** — (ITIACR)
IEEE Transactions on Industry Applications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Ind. Electron. & Control Instrum. (USA)** — (IICIAA)
IEEE Transactions on Industrial Electronics and Control Instrumentation Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Inf. Theory (USA)** — (IETTAW)
IEEE Transactions on Information Theory Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Instrum. & Meas. (USA)** — (IEIMAO)
IEEE Transactions on Instrumentation and Measurement Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Magn. (USA)** — (IEMGAO)
IEEE Transactions on Magnetism Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Manuf. Technol. (USA)** — (IETMBC)
IEEE Transactions on Manufacturing Technology Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA. Journal merged with *IEEE Trans. Parts, Hybrids & Packag. (USA)* to form *IEEE Trans. Components, Hybrids & Manuf. Technol. (USA)*
- IEEE Trans. Microwave Theory & Tech. (USA)** — (IETMAB)
IEEE Transactions on Microwave Theory and Techniques Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Nucl. Sci. (USA)** — (IETNAE)
IEEE Transactions on Nuclear Science Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Parts, Hybrids & Packag. (USA)** — (IEPHAA)
IEEE Transactions on Parts, Hybrids and Packaging Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA. Journal merged with *IEEE Trans. Manuf. Technol. (USA)* to form *IEEE Trans. Components, Hybrids & Manuf. Technol. (USA)*
- IEEE Trans. Plasma Sci. (USA)** — (ITPSBD)
IEEE Transactions on Plasma Science Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Power Appar. & Syst. (USA)** — (IEPSA9)
IEEE Transactions on Power Apparatus and Systems Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Prof. Commun. (USA)** — (IEPCBU)
IEEE Transactions on Professional Communications Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Reliab. (USA)** — (IERQAD)
IEEE Transactions on Reliability Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Software Eng. (USA)** — (IESEDJ)
IEEE Transactions on Software Engineering Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Sonics & Ultrason. (USA)** — (IESUAU)
IEEE Transactions on Sonics and Ultrasonics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Syst., Man & Cybern. (USA)** — (ISYMAW)
IEEE Transactions on Systems, Man and Cybernetics Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IEEE Trans. Veh. Technol. (USA)** — (ITVTAB)
IEEE Transactions on Vehicular Technology Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- IES Light. Rev. (Australia)** — (IELRBL)
IES Lighting Review Thomson Publications (Australia) Pty. Ltd., 47 Chippen Street, Chippendale, N.S.W. 2008, Australia
- Image Technol. (USA)** — (IMTEA9)
Image Technology Graphics Management Corp., 1101 Sixteenth Street, N.W., Washington, DC 20036, USA
- Incremental Motion Control Syst. Devices Newsl. (USA)** — (IMCNBK)
Incremental Motion Control Systems and Devices Newsletter University of Illinois, Urbana, IL 61801, USA
- Ind. & Eng. Chem., Fundam. (USA)** — (IECFA7)
Industrial and Engineering Chemistry, Fundamentals American Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036, USA
- Ind. & Eng. Chem., Process Des. & Dev. (USA)** — (IEPDAW)
Industrial and Engineering Chemistry, Process Design and Development American Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036, USA
- Ind. & Eng. Chem., Prod. Res. & Dev. (USA)** — (IEPRA6)
Industrial and Engineering Chemistry, Product Research and Development American Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036, USA
- Ind. At. & Spat. (France)** — (IAQSBL)
Industries Atomiques & Spatiales SERTNA S.A., 29 avenue R. Poincare, Paris 16, France
- Ind. Eng. (USA)** — (IDLEB9)
Industrial Engineering American Institute of Industrial Engineers, 25 Technology Park, Norcross, GA30071, USA
- Ind. Equip. Mater. & Serv. (GB)** — (IEQMAU)
Industrial Equipment Materials & Services Envoy Journals Ltd., 67 Clerkenwell Road, London, EC1, England
- Ind. Finish. & Surf. Coatings (GB)** — (IFSCB1)
Industrial Finishing and Surface Coatings Wheatland Journals Ltd., 157 Hagden Lane, Watford, WD1 8LW, England. Merged into: *Finish. Ind. (GB)*
- Ind. Lab. (USA)** — (INDLAP)
Industrial Laboratory [Translation of: *Zavod. Lab. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Ind. Math. (USA)** — (IMTHAI)
Industrial Mathematics Industrial Mathematics Society, P.O. Box 159, Roseville, MI 48066, USA
- Ind. Photogr. (USA)** — (INPHA5)
Industrial Photography 750 Third Avenue, New York, NY 10017, USA
- Ind.-Anz. (Germany)** — (IANZAO)
Industrie-Anzeiger Verlag W. Giradet, 43 Essen 1, Girardetstrasse 2-38, Postfach 9, Germany
- Indexer (GB)** — (IDXRA5)
Indexer Society of Indexers and American Society of Indexers, c/o Barclays Bank Ltd., 1 Pall Mall East, London, SW1Y 5AX, England
- Indian & East. Eng. — (IEAEAS)**
Indian and Eastern Engineer 'Piramal Mansion', 235 Dr. D. Naoroji Road, Bombay 400001, India
- Indian J. Chem. A — (IJOCAPI)**
Indian Journal of Chemistry Section A (Inorganic, Physical, Theoretical and Analytical) Sales & Distribution Officer, Publications & Information Directorate, CSIR, Hillside Road, New Delhi 110012, India
- Indian J. Chem. B — (IJOCAPI)**
Indian Journal of Chemistry Section B (Organic Including Medicinal) Sales & Distribution Officer, Council of Scientific and Industrial Research, Hillside Road, New Delhi 110012, India
- Indian J. Mar. Sci. — (IJMNBF)**
Indian Journal of Marine Sciences Council of Scientific & Industrial Research. Editorial address: Publications & Information Directorate, Hillside Road, New Delhi-12, India
- Indian J. Meteorol. Hydrol. & Geophys. — (IJMGDU)**
Indian Journal of Meteorology Hydrology & Geophysics India Meteorological Department, Publication address: Civil Lines, Delhi 110006, India
- Indian J. Phys. — (IJPYAS)**
Indian Journal of Physics Indian Association for the Cultivation of Science, 2-3 Raja Subodhchandra Mallick Road, Calcutta 700032, India. Journal split into two parts: *Indian J. Phys. Part A* and *B*
- Indian J. Phys. Part A — (IJPYAS)**
Indian Journal of Physics Part A Indian Association for the Cultivation of Science, 2 & 3 Raja Subodh Chandra Mallick Road, Calcutta 700 032, India
- Indian J. Phys. Part B — (IJPYAS)**
Indian Journal of Physics Part B Indian Association for the Cultivation of Science, 2 & 3 Raja Subodh Chandra Mallick Road, Calcutta 700032, India
- Indian J. Power & River Val. Dev. — (IJPRA7)**
Indian Journal of Power and River Valley Development 6-2 Madan Street, Calcutta 700072, India
- Indian J. Pure & Appl. Math. — (IJMHAU)**
Indian Journal of Pure and Applied Mathematics Indian National Science Academy, Bahadur Shah Zafar Marg, New Delhi 110002, India
- Indian J. Pure & Appl. Phys. — (IJOPAU)**
Indian Journal of Pure and Applied Physics Sales & Distribution Officer, Publications & Information Directorate, CSIR, Hillside Road, New Delhi 110012, India
- Indian J. Radio & Space Phys. — (IJSRAK)**
Indian Journal of Radio & Space Physics Sales & Distribution Officer, Publications & Information Directorate, CSIR, Hillside Road, New Delhi 110012, India
- Indian J. Technol. — (IJOTA8)**
Indian Journal of Technology Sales & Distribution Officer, Publications & Information Directorate, Hillside Road, New Delhi 110012, India
- Indian J. Theor. Phys. — (IJTPAL)**
Indian Journal of Theoretical Physics Institute of Theoretical Physics, 4/1 Mohan Bagan Lane, Calcutta 4, India
- Inf. & Control (USA)** — (IFCNA4)
Information and Control Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- Inf. & Doc. (France)** — (CDIDAQ)
Information et Documentation Association Nationale de la Recherche Technique, 101 Av. Raymond-Poincare, 75076 Paris, France
- Inf. & Gestion (France)** — (IFQGAJ)
Informatique et Gestion 41 rue de la Grange-aux-Belles, 75010 Paris, France
- Inf. Bull. Libr. Autom. Syst. Inf. Exch. (Australia)** — (IBLEAS)
Information Bulletin of the Library Automated Systems Information Exchange Department of Library & Information Studies, Kuring-gai College of Advanced Education, P.O. Box 222, Lindfield 2070, N.S.W., Australia
- Inf. Disp. (USA)** — (INFDAW)
Information Display Society for Information Display, 654 North Sepulveda Boulevard, Los Angeles, CA 90049, USA
- Inf. Elektron. (Hungary)** — (INFEBF)
Informacio Elektronika Statisztikai Kiado Vallalat, Budapest II, Keleti Karoly utca 18/b, Hungary
- Inf. Process. & Manage. (GB)**
Information Processing & Management Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Inf. Process. Lett. (Netherlands)** — (IFPLAT)
Information Processing Letters North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands

- Inf. Process. Soc. Jpn. (Joho Shori) (Japan)** — (JOSHA4)
Information Processing Society of Japan (Joho Shori) Kikai Shino Building, no. 3-5-8 Shiba-Koen, Minato-ku, Tokyo, Japan
- Inf. Rade Koncar (Yugoslavia)** — (IRKOAT)
Informacije Rade Koncar Title changed to: *Koncar Strucne Inf. (Yugoslavia)*
- Inf. Sciences (USA)** — (ISIJC)
Information Sciences Elsevier North-Holland Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA
- Inf. Scientist (GB)** — (INFSBN)
Information Scientist Institute of Information Scientists, 657 High Road, Tottenham, London; N17 8AA, England
- Inf. Syst. (GB)** — (INSYD6)
Information Systems Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- INFOR (Canada)** — (INFRCL)
INFOR. Canadian Journal of Operational Research and Information Processing P.O. Box 2225, Station D, Ottawa, Ontario, Canada
- Informatie (Netherlands)** — (INFTRC)
Informatie Overboslan 49, Bilthoven, Netherlands
- Informatik (Germany)** — (IIDWAN)
Informatik Interwerbung, Gesellschaft für Werbung und Auslandsmessen, DDR 104 Berlin, Tucholskystrasse 40, Germany
- Informatologia Yugoslavica** — (INYUAL)
Informatologia Yugoslavica Univerzitet u Zagreb, Referalni Centar, Trg. Marsala Tita 3, P.O. Box 327, 41001 Zagreb, Yugoslavia
- Informatyka (Poland)** — (IFMKBC)
Informatyka Wydawnictwa Czasopism Technicznych NOT, Warszawa, Czackiego 3/5, Poland
- Infrared Phys. (GB)** — (INFPAD)
Infrared Physics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Ing. & Tech. (France)** — (IGNTAG)
Ingenieurs & Techniciens Title changed to: *Ing. & Tech. Prod. & Gestion (France)*
- Ing. & Tech. Prod. & Gestion (France)**
Ingenieurs & Techniciens Production & Gestion Formerly: *Ing. & Tech. (France)* 29 rue de Bassano, 75008 Paris, France
- Ing. Electr. & Mec. (Venezuela)** — (INEMBY)
Ingeniería Eléctrica y Mecánica Órgano de la Asociación Venezolana de Ingenieros Eléctricos y Mecánicos, Apartado 6255, Caracas, Venezuela
- Ing. Mec. & Electr. (Mexico)** — (IMYEAY)
Ingeniería Mecánica y Eléctrica Asociación Mexicana de Ingenieros Mecánicos y Electricistas, Culiacán 115, México 11, D.F., Mexico
- Ing.-Arch. (Germany)** — (INARAS)
Ingenieur-Archiv Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Ingegneri (Italy)** — (IGMIAC)
L'Ingegnere Associazione Nazionale Ingegnerie Architetti Italiani, Piazza Sallustiana 24, 00187 Roma, Italy
- Ingenieur (Canada)** — (INMOAB)
L'Ingenieur a/s Ecole Polytechnique, Case postale 6079, Succursale 'A' Montreal, Quebec H3C 3A7, Canada
- Ingenieur (Netherlands)** — (INGRAO)
De Ingenieur Koninklijk Instituut van Ingenieurs. Editorial address: 23 Prinsessegracht, Den Haag, Netherlands
- Inorg. & Nucl. Chem. Lett. (GB)** — (INUCAF)
Inorganic and Nuclear Chemistry Letters Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Inorg. Mater. (USA)** — (INOMAF)
Inorganic Materials [Translation of: *Izv. Akad. Nauk SSSR Neorg. Mater.*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- INSPEL (Germany)** — (INPLBI)
INSPEL. International Journal of Special Libraries International Federation of Library Associations, Special Libraries Section, c/o Dr. Paul Kaegbein, Universitätsbibliothek der Technischen Universität Berlin, 1 Berlin 12, Germany
- Inst. Eng. Aust. Chem. Eng. Aust. (Australia)** — (CEAUDD)
Institution of Engineers, Australia Chemical Engineering in Australia 11 National Circuit, Barton, A.C.T. 2600, Australia
- Inst. Eng. Aust. Civ. Eng. Trans. (Australia)** — (CVETBB)
Institution of Engineers, Australia, Civil Engineering Transactions Science House, Gloucester and Essex Streets, Sydney 2000, N.S.W., Australia
- Inst. Eng. Aust. Electr. Eng. Trans. (Australia)** — (ELETBV)
Institution of Engineers, Australia, Electrical Engineering Transactions Science House, Gloucester and Essex Streets, Sydney 2000, N.S.W., Australia
- Inst. Eng. Aust. Mech. & Chem. Eng. Trans. (Australia)** — (IEMTBW)
Institution of Engineers, Australia, Mechanical and Chemical Engineering Transactions Institution of Engineers, Science House, Gloucester and Essex Streets, Sydney, N.S.W. 2000, Australia. Journal split into two parts: *Inst. Eng. Aust. Chem. Eng. Aust. (Australia)* and *Inst. Eng. Aust. Mech. Eng. Trans. (Australia)*
- Inst. Eng. Aust. Mech. Eng. Trans. (Australia)** — (METSD8)
Institution of Engineers, Australia, Mechanical Engineering Transactions Science House, Gloucester Street, Sydney, N.S.W. 2000, Australia
- Inst. R. Meteorol. Belg. Bull. Trimest. Obs. Ozone (Belgium)** — (IRODAG)
Institut Royal Meteorologique de Belgique Bulletin Trimestriel Observations d'Ozone Avenue Circulaire 3, 1180 Bruxelles, Belgium
- Instrum. & Control Syst. (USA)** — (INCSA7)
Instruments and Control Systems Chilton Co., Chilton Way, Radnor, PA 19089, USA
- Instrum. & Exp. Tech. (USA)** — (INETAK)
Instruments and Experimental Techniques [Translation of: *Prib. & Tekh. Eksp. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Instrum. India** — (INSIBO)
Instruments India IMDA, A-32, Navyug Niwas, 167 Dr. D. Bhadkamkar Road, Bombay 400007, India
- Instrum. Technol. (USA)** — (IRTCA4)
Instrumentation Technology Instrument Society of America, 400 Stanwix St., Pittsburgh, PA 15222, USA
- Instrumentation (USA)** — (INSRAG)
Instrumentation Honeywell Inc., Fort Washington, Philadelphia, PA 19034, USA
- Insul./Circuits (USA)** — (ISCUBF)
Insulation/Circuits Lake Publishing Corp., Box 159, 700 Peterson Road, Libertyville, IL 60048, USA
- Int. At. Energy Agency Bull. (Austria)** — (IAEBAR)
International Atomic Energy Agency Bulletin Karntnerring 11, P.O. Box 590, A-1011 Wien, Austria
- Int. Broadcast Eng. (GB)** — (IBREBP)
International Broadcast Engineer Whitton Press Ltd., 50 High Street, Eton, Berks, England
- Int. Classif. (Germany)**
International Classification Verlag Dokumentation Saur KG, Postfach 2, P.O. Box 711009, D-8000 München 71, Germany
- Int. J. Appl. Radiat. & Isot. (GB)** — (IJARAY)
International Journal of Applied Radiation and Isotopes Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Bio-Med. Comput. (GB)** — (IJBCBT)
International Journal of Bio-Medical Computing Applied Science Publishers, Ripple Road, Barking, Essex, England
- Int. J. Circuit Theory & Appl. (GB)** — (ICTACV)
International Journal of Circuit Theory and Applications John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England
- Int. J. Comput. & Inf. Sci. (USA)** — (IJCIAH)
International Journal of Computer & Information Sciences Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- Int. J. Comput. Math. (GB)** — (IJCMAT)
International Journal of Computer Mathematics Gordon & Breach Science Publishers Ltd., 43 William IV Street, London, WC2N 4DF, England
- Int. J. Control (GB)** — (IJCOAZ)
International Journal of Control Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Int. J. Earthquake Eng. & Struct. Dyn. (GB)** — (IJEEBG)
International Journal of Earthquake Engineering & Structural Dynamics Title changed to: *Earthquake Eng. & Struct. Dyn. (GB)*
- Int. J. Electr. Eng. Educ. (GB)** — (IJEEAF)
International Journal of Electrical Engineering Education Manchester University Press, 316-324 Oxford Street, Manchester, M13 9NR, England
- Int. J. Electron. (GB)** — (IJELA2)
International Journal of Electronics Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Int. J. Energy Res. (GB)** — (IJERN)
International Journal of Energy Research John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England
- Int. J. Eng. Sci. (GB)** — (IJESAN)
International Journal of Engineering Science Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Fract. (Netherlands)** — (IJFRAP)
International Journal of Fracture Noordhoff International Publishing, P.O. Box 26, Leiden, Netherlands
- Int. J. Fusion Energy (USA)** — (IJFEDN)
International Journal of Fusion Energy Fusion Energy Foundation, 231 West 29 Street, New York, NY 10001, USA
- Int. J. Game Theory (Austria)** — (IJGTA2)
International Journal of Game Theory Physica Verlag Rudolf Liebing KG, A-1010 Wien, Seilerstättle 18, Austria
- Int. J. Gen. Syst. (GB)** — (IJGSD2)
International Journal of General Systems Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Int. J. Heat & Mass Transfer (GB)** — (IJHMAK)
International Journal of Heat and Mass Transfer Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Magn. (GB)** — (IJMNAE)
International Journal of Magnetism Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Int. J. Man-Mach. Stud. (GB)** — (IJMMBC)
International Journal of Man-Machine Studies Academic Press Inc. (London) Ltd., 24-28 Oval Road, London, NW1 7DX, England
- Int. J. Mass Spectrom. & Ion Phys. (Netherlands)** — (IJMIBY)
International Journal of Mass Spectrometry and Ion Physics Elsevier Scientific Publishing Co., P.O. Box 211 Amsterdam, Netherlands
- Int. J. Math. Educ. Sci. & Technol. (GB)** — (IJMEBM)
International Journal of Mathematical Education in Science and Technology Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Int. J. Mech. Sci. (GB)** — (IMSCAW)
International Journal of Mechanical Sciences Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Miner. Process. (Netherlands)** — (IJMPBL)
International Journal of Mineral Processing Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Int. J. Multiphase Flow (GB)** — (IJMFBP)
International Journal of Multiphase Flow Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Non-Linear Mech. (GB)** — (IJNMAG)
International Journal of Non-Linear Mechanics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Nondestr. Test. (GB)** — (IJNTA3)
International Journal of Nondestructive Testing Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Int. J. Nucl. Med. & Biol. (GB)** — (IJNMCI)
International Journal of Nuclear Medicine & Biology Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Numer. & Anal. Methods Geomech. (GB)** — (IJNGDZ)
International Journal for Numerical and Analytical Methods in Geomechanics John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England
- Int. J. Numer. Methods Eng. (GB)** — (IJNMBH)
International Journal for Numerical Methods in Engineering John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex, PO19 1UD, England
- Int. J. Phys. Distrib. J. Ser. (GB)** — (IPDJAX)
International Journal of Physical Distribution, Journal Series MCB (Physical Distribution Management) Ltd., 200 Keighley Road, Bradford, BD9 4JZ, Yorks, England
- Int. J. Phys. Distrib. Monogr. Ser. (GB)** — (IPDMB9)
International Journal of Physical Distribution, Monograph Series MCB (Physical Distribution Management) Ltd., 200 Keighley Road, Bradford, BD9 4JZ, Yorks, England
- Int. J. Polym. Mater. (GB)** — (IJPMCS)
International Journal of Polymeric Materials Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Int. J. Prod. Res. (GB)** — (IJPRB8)
International Journal of Production Research Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Int. J. Quantum Chem. (USA)** — (IJQCB2)
International Journal of Quantum Chemistry John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10016, USA

- Int. J. Radiat. Biol. (GB)** — (IJRBA3)
International Journal of Radiation Biology Taylor and Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Int. J. Radiat. Oncology Biol. Phys. (GB)** — (IOBPD3)
International Journal of Radiation Oncology Biology Physics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Int. J. Radiat. Phys. & Chem. (GB)** — (IJRCA6)
International Journal of Radiation Physics and Chemistry Title changed to: *Radiat. Phys. & Chem. (GB)*
- Int. J. Rock Mech. & Min. Sci. & Geomech. Abstr. (GB)** — (IJRMA2)
International Journal of Rock Mechanics and Mining Sciences & Geomechanics Abstracts Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Solids & Struct. (GB)** — (IJSOAS)
International Journal of Solids and Structures Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Int. J. Syst. Sci. (GB)** — (IJSYA9)
International Journal of Systems Science Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Int. J. Theor. Phys. (USA)** — (IJTPBM)
International Journal of Theoretical Physics Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, England
- Int. Met. Rev. (GB)** — (IMRVBH)
International Metals Reviews Metals Society, 1 Carlton House Terrace, London, SW1Y 5DB, England
- Int. Water Power & Dam Constr. (GB)** — (IWPCDM)
International Water Power & Dam Construction IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England
- Inter Connexion (France)** — (INXCBN)
Inter Connexion Constructeurs Français de Matériel d'Équipement Electrique, 11 rue Hamelin, Paris 16, France
- Interavia (Engl. Ed.) (Switzerland)** — (INTRAL)
Interavia (English Edition) Interavia S.A., 86 Avenue Louis-Casai, P.O. Box 162, 1216 Cointrin, Geneva, Switzerland
- Interdisciplinary Sci. Rev. (GB)** — (ISCRD8)
Interdisciplinary Science Reviews Heyden & Son Ltd., Spectrum House, Alderton Crescent, London NW4 3XX, England
- Interface (Netherlands)** — (IFCEBC)
Interface Swets & Zeitlinger N.V., 347B Heereweg, Lisse, Netherlands
- Interfaces (USA)** — (INFAC4)
Interfaces Institute of Management Sciences, 146 Westminster Street, Providence, RI 02903, USA
- Interlending Rev. (GB)** — (IREVDN)
Interlending Review Formerly: *BLI Rev. (GB)* British Library Lending Division, Boston Spa, Wetherby, West Yorks. LS23 7BQ, England
- Inzh.-Fiz. Zh. (USSR)** — (INFZA9)
Inzhenerno-Fizicheskii Zhurnal Izdatel'stvo Akademii Nauk SSSR, Editorial address: Polesnaya 25, Minsk 13, USSR [English translation in: *J. Eng. Phys. (USA)*]
- Ion Exch. & Membranes (GB)** — (IEXMBW)
Ion Exchange and Membranes Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Iran. J. Sci. & Technol. (GB)** — (IJSTBT)
Iranian Journal of Science and Technology Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Irish Astron. J.** — (IRAJAW)
The Irish Astronomical Journal Armagh Observatory, Northern Ireland
- Iron & Steel Eng. (USA)** — (IRSEA5)
Iron and Steel Engineer Association of Iron & Steel Engineers, Suite 2350, Three Gateway Centre, Pittsburgh, PA 15222, USA
- Iron & Steel Int. (GB)** — (ISINBO)
Iron and Steel International IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- ISA Trans. (USA)** — (ISATAZ)
ISA Transactions Instrument Society of America, 400 Stanwix Street, Pittsburgh, PA 15222 Distributed by: Plenum Press, 227 West 17th Street, New York, NY 10011, USA
- Ishikawajima-Harima Eng. Rev. (Japan)** — (ISHGAV)
Ishikawajima-Harima Engineering Review 2-16 Toyosu 3-chome, Kotoku, Tokyo, Japan
- ISI Bull. (India)** — (ISTBA8)
ISI Bulletin Indian Standards Institution, Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 110002, India
- Islamabad J. Sci. (Pakistan)** — (IJSUDE)
Islamabad Journal of Sciences Formerly: *J. Math. & Sci. (Pakistan)* University of Islamabad, Islamabad, Pakistan
- Isr. J. Chem. (Israel)** — (ISJCAT)
Israel Journal of Chemistry Weizmann Science Press, P.O. Box 801, Jerusalem 91000, Israel
- Isr. J. Technol. (Israel)** — (ISJTAC)
Israel Journal of Technology Weizmann Science Press, P.O. Box 801, Jerusalem 91000, Israel
- Itogi Nauk. & Tekh. Ser. Issled. Kosm. Prostranstva (USSR)** — (IIKPA3)
Itogi Nauki i Tekhniki Seriya Issledovaniye Kosmicheskogo Prostranstva Akademiya Nauk SSSR, Institut Nauchnoi i Tekhnicheskoi Informatsii, Moskva, A-219, Baltiiskaya Ul. 14, USSR
- IUCC Newsl. (GB)** — (IUCNDA)
IUCC Newsletter Editorial address: ULCC, 20 Guildford Street, London, WC1 1DZ, England
- Izmer. Tekh. (USSR)** — (IZTEAW)
Izmeritel'naya Tekhnika Academy of Sciences USSR Leninskii Prospekt, Moskva, USSR [English translation in: *Meas. Tech. (USA)*]
- Izv. Acad. Sci. USSR Atmos. & Oceanic Phys. (USA)** — (IAOPB2)
Izvestiya, Academy of Sciences USSR. Atmospheric and Oceanic Physics [Translation of: *Izv. Akad. Nauk SSSR Fiz. Atmos. & Okeana*] American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
- Izv. Acad. Sci. USSR Phys. Solid Earth (USA)** — (IPSEBQ)
Izvestiya Academy of Sciences USSR, Physics of the Solid Earth [Translation of: *Izv. Akad. Nauk SSSR Fiz. Zemli*] American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
- Izv. Akad. Nauk Arm. SSR Fiz. (USSR)** — (IAAFA3)
Izvestiya Akademiya Nauk Armyanskoi SSR Fizika Editorial address: Erevan-GCP, Berekamutyan 24 B, USSR
- Izv. Akad. Nauk Arm. SSR, Ser. Tekh. Nauk (USSR)** — (IATNAK)
Izvestiya Akademiya Nauk Armyanskoi SSR, Seriya Tekhnicheskaya Nauk Tipografiya Izdatel'stva AN Armyanskoi SSR, Erevan, Berekamutyan 24, Armenia, USSR
- Izv. Akad. Nauk Az. SSR Ser. Fiz.-Tekh. & Mat. Nauk (USSR)** — (IAFMAF)
Izvestiya Akademii Nauk Azerbaidzhanskoi SSR Seriya Fiziko-Tekhnicheskikh i Matematicheskikh Nauk Izdatel'stvo ELM, Baku, USSR
- Izv. Akad. Nauk SSSR Energ. & Transp.** — (IAETAV)
Izvestiya Akademii Nauk SSSR Energetika i Transport Izdatel'stvo 'Nauka', 103717 Moskva, Podosenskiy 21, USSR [English translation in: *Power Eng. (Acad. Sci. USSR) (USA)*]
- Izv. Akad. Nauk SSSR Fiz. Atmos. & Okeana** — (IFAOAV)
Izvestiya Akademii Nauk SSSR, Fizika Atmosfery i Okeana Akademiya Nauk SSSR, Leninskii Prospekt. 14, Moskva, USSR [English translation in: *Izv. Acad. Sci. USSR Atmos. & Oceanic Phys. (USA)*]
- Izv. Akad. Nauk SSSR Fiz. Zemli** — (IAFZAK)
Izvestiya Akademii Nauk SSSR, Fizika Zemli Akademiya Nauk SSSR, Leninskii Prospekt. 14, Moskva, USSR [English translation in: *Izv. Acad. Sci. USSR. Phys. Solid Earth (USA)*]
- Izv. Akad. Nauk SSSR Mekh. Tverd. Tela** — (IZMTB9)
Izvestiya Akademii Nauk SSSR Mekhanika Tverdogo Tela Izdatel'stvo 'Nauka', 103717 Moskva, Podosenskiy 21, USSR
- Izv. Akad. Nauk SSSR Mekh. Zhidk. & Gaza** — (IMZGAB)
Izvestiya Akademii Nauk SSSR Mekhanika Zhidkosti i Gaza Izdatel'stvo (QUOTE) 'Nauka', 103717 Moskva, Podosenskiy 21, USSR [English translation in: *Fluid Dyn. (USA)*]
- Izv. Akad. Nauk SSSR Neorg. Mater.** — (IVNMAW)
Izvestiya Akademii Nauk SSSR Neorganicheskije Materialy Izdatel'stvo 'Nauka', 103717 Moskva, Podosenskiy 21, USSR [English translation in: *Inorg. Mater. (USA)*]
- Izv. Akad. Nauk SSSR Ser. Fiz.** — (IANFAY)
Izvestiya Akademii Nauk SSSR, Seriya Fizicheskaya Izdatel'stvo 'Nauka', 103717 Moskva, Podosenskiy 21, USSR [English translation in: *Bull. Acad. Sci. USSR, Phys. Ser. (USA)*]
- Izv. Akad. Nauk UzSSR Ser. Tekh. Nauk** — (IUZTA4)
Izvestiya Akademii Nauk UzSSR. Seriya Tekhnicheskikh Nauk Tashkent, USSR
- Izv. Akad. Nauk. SSSR Met.** — (IZNMAQ)
Izvestiya Akademii Nauk SSSR, Metall Izdatel'stvo 'Nauka', Moskva, USSR [English translation in: *Russ. Metall. (GB)*]
- Izv. Gl. Astron. Obs. Pulkovo (USSR)** — (IGOPA9)
Izvestiya Glavnoi Astronomicheskoi Observatorii v Pulkove Leningradskoe Otdelenie Izdatel'stva 'Nauka', B-164 Mendelevskaya Lin., d.1, Leningrad, USSR
- Izv. Khim. Bulg. Akad. Nauk. (Bulgaria)** — (IZKHDX)
Izvestiya po Khimiiy Bulgarska Akademiya na Naukite Bulgarian Academy of Sciences, 1 7th November Street, Sofia C, Bulgaria
- Izv. Krym. Astrofiz. Obs. (USSR)** — (IKAOAW)
Izvestiya Krymskoi Astrofizicheskoi Observatorii Izdatel'stvo 'Nauka', Moskva, K-62, Podosenskiy Per 21, USSR
- Izv. Vmei 'Lenin' (Bulgaria)** — (IVMEA3)
Izvestiya na Vmei 'Lenin' D'rshavno Izdatel'stvo 'Tekhnika', Sofiya, Bulgaria
- Izv. VUZ Aviat. Tekh. (USSR)** — (IVUAAV)
Izvestiya VUZ Aviatsonnaya Tekhnika G. Kacanya, K. Marksa 10, Kasaskii Aviatsonnyy Institut, USSR [English translation in: *Sov. Aeronaut. (USA)*]
- Izv. VUZ Elektromekh. (USSR)** — (IVUEA9)
Izvestiya Vysshikh Uchebnykh Zavedenii, Elektromekhanika 346400 Novocheboksak, ul. Prosveshcheniya 132, Moskva, USSR
- Izv. VUZ Energ. (USSR)** — (IVZEAY)
Izvestiya Vysshikh Uchebnykh Zavedenii, Energetika Belorusskii Politehnicheskii Institut, Minsk, Leninskii Prospekt. 65, USSR
- Izv. VUZ Fiz. (USSR)** — (IVUFAC)
Izvestiya Vysshikh Uchebnykh Zavedenii, Fizika Higher Education Institutes, Tomsk, USSR [English translation in: *Sov. Phys. J. (USA)*]
- Izv. VUZ Gornyi Zh. (USSR)** — (IVUOA5)
Izvestiya Vysshikh Uchebnykh Zavedenii, Gornyi Zhurnal Ministerstvo Vysshego i Srednego Spetsial'nogo Obrazovaniya, Moskva. Editorial address: Sverdlovsk, Universitetskaya Pl., 9, USSR
- Izv. VUZ Mashinost. (USSR)** — (IVUSAH)
Izvestiya Vysshikh Uchebnykh Zavedenii, Mashinostroenie Moskva 107005, 2nd Baumanskaya 5, USSR
- Izv. VUZ Mat. (USSR)** — (IVUMBY)
Izvestiya VUZ Matematika Izdatel'stvo Gosudarstvennogo Universiteta, 420008 G. Kazan, Ul. V I Lenina 18, USSR [English translation in: *Sov. Math. (USA)*]
- Izv. VUZ Pishch. Tekhnol. (USSR)** — (IVUPA8)
Izvestiya Vysshikh Uchebnykh Zavedenii Pishchevaya Tekhnologiya Krasnodar Polytechnical Institute, ul. Krasnaya 135, Krasnodar, USSR
- Izv. VUZ Priborostr. (USSR)** — (IVUBAY)
Izvestiya VUZ Priboroostroenie Editorial address: 190 000 Leningrad, Per. Grivtsova 14, USSR
- Izv. VUZ Radioelektron. (USSR)** — (IVUZB5)
Izvestiya Vysshikh Uchebnykh Zavedenii, Radioelektronika Izdanie Kievskogo Ordena Lenina Politehnicheskogo Instituta, Imeni 50-Petitya, Vepikoi, USSR
- Izv. VUZ Radiofiz. (USSR)** — (IVYRAY)
Izvestiya Vysshikh Uchebnykh Zavedenii, Radiofizika Gor'kovskiy Universitet G. Gor'kiy, ul. Lyadova 25, USSR [English translation in: *Radiophys. & Quantum Electron. (USA)*]
- Izv. VUZ Tekhnol. Legkoi Prom.-st. (USSR)** — (IVTTAF)
Izvestiya Vysshikh Uchebnykh Zavedenii, Tekhnologiya Legkoi Promyshlennosti Ministerstvo Vysshego i Srednego Spetsial'nogo Obrazovaniya, Moskva. Editorial address: Kiev, Nemirivicha-Danchenko 2, USSR
- J. & Proc. R. Soc. New South Wales (Australia)** — (JPRSA5)
Journal and Proceedings of the Royal Society of New South Wales Science Centre, 35 Clarence Street, Sydney, NSW 2000, Australia
- J. A. (Belgium)** — (JRNAAD)
Journal A Koninklijke Vlaamse Ingenieurs-Vereniging, Jan van Rijswijcklaan 58, B-2000 Antwerp, Belgium
- J. Acoust. Soc. Am. (USA)** — (JASMAN)
Journal of the Acoustical Society of America Published for the Acoustical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- J. Acoust. Soc. Jpn. (Japan)** — (NIOGAH)
Journal of the Acoustical Society of Japan Ikeda Building 2-7-7, Yoyogi, Shibuya-ku, Tokyo, Japan

- J. Adhes. (GB)** — (JADNAJ)
Journal of Adhesion Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- J. Aerosol Sci. (GB)** — (JALSB7)
Journal of Aerosol Science Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- J. Aircr. (USA)** — (JAIRAM)
Journal of Aircraft American Institute of Aeronautics and Astronautics, 1290 Avenue of the Americas, New York, NY 10019, USA
- J. Am. Ceram. Soc. (USA)** — (JACTAW)
Journal of the American Ceramic Society 65 Ceramic Drive, Columbus, OH 43214, USA
- J. Am. Chem. Soc. (USA)** — (JACSAT)
Journal of the American Chemical Society 1155 Sixteenth Street N.W., Washington, DC 20036, USA
- J. Am. Soc. Inf. Sci. (USA)** — (AISJB6)
Journal of the American Society for Information Sciences American Society for Information Science, 1155 16th Street, N.W., Suite 210, Washington, DC 20036, USA
- J. Appl. Chem. & Biotechnol. (GB)** — (JACBBD)
Journal of Applied Chemistry and Biotechnology Society of Chemical Industry, 14 Belgrave Square, London, SW1, England
- J. Appl. Crystallogr. (Denmark)** — (JACGAR)
Journal of Applied Crystallography Munksgaard International Booksellers and Publishers Ltd., 35 Norre Sogade, DK 1370 Kobenhavn K, Denmark
- J. Appl. Electrochem. (GB)** — (JAEJBI)
Journal of Applied Electrochemistry Chapman and Hall, 11 New Fetter Lane, London, EC4P 4EE, England
- J. Appl. Mech. & Tech. Phys. (USA)** — (JMPYAO)
Journal of Applied Mechanics and Technical Physics [Translation of: Zh. Prikl. Mekh. & Tekh. Fiz. (USSR)] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- J. Appl. Meteorol. (USA)** — (JAMOAX)
Journal of Applied Meteorology American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA
- J. Appl. Photogr. Eng. (USA)** — (JAPEDL)
Journal of Applied Photographic Engineering Society of Photographic Scientists and Engineers, Suite 204, 1330 Massachusetts Avenue, N.W., Washington, DC 20005, USA
- J. Appl. Phys. (USA)** — (JAPIAU)
Journal of Applied Physics American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- J. Appl. Physiol. (USA)** — (JAPYAA)
Journal of Applied Physiology American Physiological Society, 9650 Rockville Pike, Bethesda, MD 20014, USA
- J. Appl. Probab. (GB)** — (JPRBAM)
Journal of Applied Probability University of Sheffield, Department of Probability and Statistics, Sheffield, S3 7RH, England
- J. Appl. Sci. & Eng. Sect. A (Netherlands)** — (JEAED8)
Journal of Applied Science and Engineering Section A (Electrical Power and Information Systems) Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands. North-Holland Publishing Co., P.O. Box 211, Amsterdam
- J. Appl. Spectrosc. (USA)** — (JASYAP)
Journal of Applied Spectroscopy [Translation of: Zh. Prikl. Spektrosk. (USSR)] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- J. Appl. Syst. Anal. (GB)** — (JASADO)
Journal of Applied Systems Analysis Formerly: *J. Syst. Eng. (GB)* University of Lancaster, Department of Systems, Bailrigg, Lancaster LA1 4YR, England
- J. Approximation Theory (USA)** — (JAXTAZ)
Journal of Approximation Theory Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Assoc. Comput. Mach. (USA)** — (JACOAH)
Journal of the Association for Computing Machinery Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- J. Astronaut. Sci. (USA)** — (JALSA6)
Journal of the Astronautical Sciences American Astronautical Society, 6060 Duke Street, Alexandria, VA 22304, USA
- J. At. Energy Soc. Jpn. (Japan)** — (NGEGAL)
Journal of the Atomic Energy Society of Japan Japan Atomic Energy Research Institute, No. 1-13, 1-chome, Shimbashi, Minato-ku, Tokyo, Japan
- J. Atmos. & Terr. Phys. (GB)** — (JATPA3)
Journal of Atmospheric and Terrestrial Physics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- J. Atmos. Sci. (USA)** — (JAHSK)
Journal of the Atmospheric Sciences American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA
- J. Audio Eng. Soc. (USA)** — (ADIOA3)
Journal of the Audio Engineering Society Lincoln Building, Room 929 60 East 42nd Street, New York, NY 10017, USA
- J. Aust. Ceram. Soc. (Australia)** — (JAUCA3)
Journal of the Australian Ceramic Society c/o Department of Ceramic Engineering, University of New South Wales, P.O. Box 1, Kensington, N.S.W. 2033, Australia
- J. Aust. Inst. Met. (Australia)** — (JAMTAE)
Journal of the Australian Institute of Metals Title changed to: *J. Australas. Inst. Met. (Australia)*
- J. Aust. Math. Soc. Ser. A (Australia)** — (JAMADS)
Journal of the Australian Mathematical Society Series A (Pure Mathematics) Department of Mathematics, La Trobe University, Bundoora, Victoria 3083, Australia
- J. Aust. Math. Soc. Ser. B (Australia)** — (JAMMDU)
Journal of the Australian Mathematical Society Series B (Applied Mathematics) Editorial address: Department of Mathematics, University of Western Australia, Nedlands, Western Australia 6009, Australia
- J. Australas. Inst. Met. (Australia)**
Journal of the Australasian Institute of Metals Title changed to: *Met. Forum (Australia)*
- J. Belge Radiol. — (JBRAAN)**
Journal Belge de Radiologie Societe Royale Belgede Radiologie, Avenue des Eglantines 10, 1150 Brussels, Belgium
- J. Bioenerg. & Biomembranes (USA)** — (JBB1D4)
Journal of Bioenergetics and Biomembranes Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- J. Bioeng. (GB)** — (JBNGDO)
Journal of Bioengineering Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- J. Biomech. (GB)** — (JBMCB5)
Journal of Biomechanics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- J. Birla Inst. Technol. & Sci. (India)** — (BITJAL)
Journal of the Birla Institute of Technology and Science Birla Institute of Technology and Sciences, Pilani, Rajasthan, India
- J. Br. Astron. Assoc. (GB)** — (JBAAA6)
Journal of the British Astronomical Association Burlington House, Piccadilly, London, W1V 0NL, England
- J. Br. Interplanet. Soc. (GB)** — (JBISAW)
Journal of the British Interplanetary Society British Interplanetary Society, 12 Bessborough Gardens, London, SW1V 2JJ, England
- J. Br. Nucl. Energy Soc. (GB)** — (JBNSAN)
Journal of the British Nuclear Energy Society Title changed to: *Nucl. Energy (GB)*
- J. Chart. Inst. Build. Serv. (GB)**
Journal of the Chartered Institution of Building Services Building Services Publications Ltd., Builder House, 1-3 Pemberton Row, Red Lion Court, Fleet Street, London EC4P 4HL, England
- J. Chem. Educ. (USA)** — (JCEDA8)
Journal of Chemical Education Publications Office, 119 West 24th Street, New York, NY 10011, USA
- J. Chem. Inf. & Comput. Sci. (USA)** — (JCISD8)
Journal of Chemical Information and Computer Sciences American Chemical Society, 1115 Sixteenth Street, N.W., Washington, DC 20036, USA
- J. Chem. Phys. (USA)** — (JCPSA6)
Journal of Chemical Physics American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- J. Chem. Soc. Faraday Trans. I (GB)** — (JCFTAR)
Journal of the Chemical Society Faraday Transactions I Burlington House, London, W1V 0BN, England
- J. Chem. Soc. Faraday Trans. II (GB)** — (JCFTBS)
Journal of the Chemical Society Faraday Transactions II Burlington House, London, W1V 0BN, England
- J. Chem. Thermodyn. (GB)** — (JCTDAF)
Journal of Chemical Thermodynamics Academic Press Inc. (London) Ltd., 24-28 Oval Road, London NW1 7DX, England
- J. Chim. Phys. & Phys.-Chim. Biol. (France)** — (JCPBAN)
Journal de Chimie Physique et de Physico-Chimie Biologique Societe de Chimie Physique, 4 place Jussieu-Tou 54-55, 75230 Paris Cedex 05, France
- J. Chin. Inst. Eng. (Taiwan)**
Journal of the Chinese Institute of Engineers 4th Floor, 2nd Section, Jen-Ai Road, Taipei, Taiwan
- J. Clin. Comput. (USA)** — (JCLCB7)
Journal of Clinical Computing 166 Morris Avenue, Buffalo, NY 14214, USA
- J. Colloid & Interface Sci. (USA)** — (JCISA5)
Journal of Colloid and Interface Science Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Comb. Theory Ser. A (USA)** — (JCTHAR)
Journal of Combinatorial Theory, Series A Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Comb. Theory Ser. B (USA)** — (JCTHAR)
Journal of Combinatorial Theory, Series B Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Compos. Mater. (USA)** — (JCOMBI)
Journal of Composite Materials Technomic Publishing Co. Inc., 265 Post Road West, Westport, CT 06880, USA
- J. Comput. & Syst. Sci. (USA)** — (JCSSBM)
Journal of Computer and System Sciences Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Comput. Phys. (USA)** — (JCTPAH)
Journal of Computational Physics Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Comput. Soc. India** — (JCSIDS)
Journal of the Computer Society of India Computer Group, Tata Institute of Fundamental Research, Colaba, Bombay 400 005, India
- J. Comput.-Based Instr. (USA)**
Journal of Computer-Based Instruction Association for the Development of Computer-Based Instructional Systems, Computer Center, Western Washington State College, Bellingham, WA 98225, USA
- J. Coord. Chem. (GB)** — (JCCMBQ)
Journal of Coordination Chemistry Gordon and Breach Science Publishers Ltd., 41/42 William IV Street, London, WC2, England
- J. Cryst. & Mol. Struct. (USA)** — (JCM LB5)
Journal of Crystal and Molecular Structure Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- J. Cryst. Growth (Netherlands)** — (JCRGAE)
Journal of Crystal Growth North-Holland Publishing Co., P.O. box 211 Amsterdam, Netherlands
- J. Cybern. & Inf. Sci. (USA)** — (JCINDR)
Journal of Cybernetics and Information Science Western Periodicals Co., 13000 Raymer Street, North Hollywood, CA 91605, USA
- J. Cybern. (USA)** — (JCYBAY)
Journal of Cybernetics Hemisphere Publishing Co., 1025 Vermont Avenue, N.W., Washington, DC 20005, USA
- J. Des. Autom. & Fault-Tolerant Comput. (USA)** — (JDACDT)
Journal of Design Automation & Fault-Tolerant Computing Computer Science Press Inc., 4566 Poe Avenue, Woodland Hills, CA 91364, USA
- J. Differ. Equations (USA)** — (JDEQAK)
Journal of Differential Equations Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Doc. (GB)** — (JDocas)
Journal of Documentation Aslib, 3 Belgrave Square, London, SW1X 8PL, England
- J. Educ. Data Process. (USA)** — (JEDPBK)
Journal of Educational Data Processing Shirley Camden, Journal of Educational Data Processing, P.O. Box 867, Soquel, CA 95073, USA
- J. Educ. Librarianship (USA)** — (JLELAR)
Journal of Education for Librarianship Association of American Library Schools, 471 Park Lane, State College, PA 16801, USA
- J. Educ. Technol. Syst. (USA)** — (JETS B7)
Journal of Educational Technology Systems Baywood Publishing Co. Inc., 120 Marine Street, Farmingdale, NY 11735, USA
- J. Elasticity (Netherlands)** — (JELSA Y)
Journal of Elasticity Academic Book Services Holland, P.O. Box 66, Groningen, Netherlands
- J. Electroanal. Chem. & Interfacial Electrochem. (Switzerland)** — (JEIEBC)
Journal of Electroanalytical Chemistry and Interfacial Electrochemistry Elsevier Sequoia S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland

- J. Electrochem. Soc. (USA)** — (JESOA)
Journal of the Electrochemical Society P.O. Box 2071, Princeton, NJ 08540, USA
- J. Electrochem. Soc. India** — (JESIA5)
Journal of the Electrochemical Society of India c/o Indian Institute of Science, Department of Metallurgy, Bangalore 560012, India
- J. Electron Microsc. (Japan)** — (JELJA7)
Journal of Electron Microscopy Japanese Society of Electron Microscopy, c/o Japan Academic Society Centre, 4-16 Yayoi 2 Chome, Bunkyo-ku, Tokyo 113, Japan
- J. Electron Spectrosc. & Relat. Phenom. (Netherlands)** — (JESRAW)
Journal of Electron Spectroscopy and Related Phenomena Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- J. Electron. Mater. (USA)** — (JECMA5)
Journal of Electronic Materials Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- J. Electrostat. (Netherlands)** — (JOELDH)
Journal of Electrostatics Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- J. Eng. Math. (Netherlands)** — (JLEMAU)
Journal of Engineering Mathematics Wolters - Noordhoff International Publishing, P.O. Box 26, Leyden, Netherlands
- J. Eng. Phys. (USA)** — (JEPHAL)
Journal of Engineering Physics [Translation of: *Inzh.-Fiz. Zh. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- J. Eng. Sci. (Saudi Arabia)** — (JESCD0)
Journal of Engineering Sciences College of Engineering, University of Riyadh, P.O. Box 800, Riyadh, Saudi Arabia
- J. Environ. Sci. (USA)** — (JEVSAG)
Journal of Environmental Sciences Institute of Environmental Sciences, 940 East Northwest Highway, Mt. Prospect, IL 60056, USA
- J. Equip. Electr. & Electron. (France)** — (JEEEP)
Journal de L'Equipment Electrique et Electronique Editions Tests, 41 rue de la Grange-aux-Belles, 75010 Paris, France
- J. Fac. Eng. Chiba Univ. (Japan)** — (CDKKAN)
Journal of the Faculty of Engineering Chiba University Chiba, Japan
- J. Fac. Eng. Ibaraki Univ. (Japan)** — (IDKSAB)
Journal of the Faculty of Engineering, Ibaraki University Ibaraki, Japan
- J. Fac. Eng. Shinshu Univ. (Japan)** — (SDKKBU)
Journal of the Faculty of Engineering, Shinshu University Nagano, Japan
- J. Fac. Eng. Univ. Tokyo Ser. A (Japan)** — (JETAAC)
Journal of the Faculty of Engineering, University of Tokyo, Series A 3-1, 7-Chome, Hongo, Bunkyo-ku, Tokyo 113, Japan
- J. Fac. Eng. Univ. Tokyo Ser. B (Japan)** — (JETBAN)
Journal of the Faculty of Engineering, University of Tokyo Series B 3-1, 7-Chome, Hongo, Bunkyo-ku, Tokyo 113, Japan
- J. Fac. Sci. Univ. Tokyo Sect. 1A (Japan)** — (JFTMAT)
Journal of the Faculty of Science, University of Tokyo Section 1A (Mathematics) Dean of the Faculty of Science, University of Tokyo, Tokyo, Japan
- J. Fluid Mech. (GB)** — (JFLSA7)
Journal of Fluid Mechanics Cambridge University Press, Bentley House, 200 Euston Road, London, NW1-2DB, England
- J. Franklin Inst. (USA)** — (JFINAB)
Journal of the Franklin Institute Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- J. Funct. Anal. (USA)** — (JFUAAW)
Journal of Functional Analysis Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Geol. (USA)** — (JGEOAZ)
Journal of Geology University of Chicago Press, 5801 Ellis Avenue, Chicago, IL 60637, USA
- J. Geomagn. & Geoelectr. (Japan)** — (JGEGAB)
Journal of Geomagnetism and Geoelectricity University of Tokyo Press, c/o Business Centre for Academic Societies, 4-16 Yayoi 2-chome, Bunkyo-ku, Tokyo 113, Japan
- J. Geophys. (Germany)** — (ZEGEA7)
Journal of Geophysics (Zeitschrift für Geophysik) Springer-Verlag, 6900 Heidelberg 1, Postfach 105280, Germany
- J. Geophys. Res. (USA)** — (JGREAZ)
Journal of Geophysical Research American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
- J. Graph Theory (USA)** — (JGTHDO)
Journal of Graph Theory John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10016, USA
- J. Hist. Astron. (GB)** — (JHSAA2)
Journal for the History of Astronomy Science History Publications Ltd., Halfpenny Furze, Mill Lane, Chalfont St. Giles, Bucks, England
- J. Hydronaut. (USA)** — (JHYDB8)
Journal of Hydronautics American Institute of Aeronautics and Astronautics, 1290 Avenue of the Americas, New York, NY 10019, USA
- J. Illum. Eng. Inst. Jpn. (Japan)** — (SHGSAR)
Journal of the Illuminating Engineering Institute of Japan 3 Yurakucho, 1-chome, Chiyodaku, Tokyo 100, Japan
- J. Illum. Eng. Soc. (USA)** — (JIESBS)
Journal of the Illuminating Engineering Society 345 East 47th Street, New York, NY 10017, USA
- J. Ind. Aerodyn. (Netherlands)** — (JIAED2)
Journal of Industrial Aerodynamics Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- J. Indian Inst. Sci.** — (JIISAD)
Journal of the Indian Institute of Science Bangalore 560012, India
- J. Inf. (GB)** — (JOIND9)
Journal of Informatics Informatics School of Library, Archive & Information Studies, University College London, Gower Street, London, WC1E 6BT, England
- J. Inorg. & Nucl. Chem. (GB)** — (JINCAO)
Journal of Inorganic and Nuclear Chemistry Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- J. Inst. Comput. Sci. (GB)** — (JICSBI)
Journal of the Institution of Computer Sciences 37/39 London End, Beaconsfield, Bucks, England
- J. Inst. Electron. & Commun. Eng. Jpn. (Japan)** — (IECJAJ)
Journal of the Institute of Electronics and Communication Engineers of Japan Denshi Tsushin Gakkai, Kikai-Shinko-Kaikan, 5-8, Shibakoen 3 Chome Minato-ku, Tokyo 105, Japan
- J. Inst. Electron. & Telecommun. Eng. (India)** — (JIETAU)
Journal of the Institution of Electronics and Telecommunication Engineers Institution of Electronics & Telecommunication Engineers, 2 Institutional Area, Lodi Road, New Delhi 110003, India
- J. Inst. Eng. (India) Electr. Eng. Div.** — (JEELAC)
Journal of the Institution of Engineers (India) Electrical Engineering Division 8 Gokhale Road, Calcutta 700020, India
- J. Inst. Eng. (India) Electron. & Telecommun. Eng. Div.** — (JEETA2)
Journal of the Institution of Engineers (India) Electronics and Telecommunication Engineering Division 8 Gokhale Road, Calcutta 700020, India
- J. Inst. Eng. (India) Mech. Eng. Div.** — (JEMDAS)
Journal of the Institution of Engineers (India) Mechanical Engineering Division 8 Gokhale Road, Calcutta 700020, India
- J. Inst. Eng. Aust. (Australia)** — (JISGAR)
Journal of the Institution of Engineers, Australia Science House, 157 Gloucester Street, Sydney, N.S.W. 2000, Australia
- J. Inst. Math. & Appl. (GB)** — (JMTAA8)
Journal of the Institute of Mathematics and its Applications Academic Press Inc. (London) Ltd., 24-28 Oval Road, London, NW1 7DX, England
- J. Inst. Nucl. Eng. (GB)** — (JINEBV)
Journal of the Institution of Nuclear Engineers 1 Pennerley Road, London, SE6, England
- J. Inst. Telev. Eng. Jpn. (Japan)** — (JITJA7)
Journal of the Institute of Television Engineers of Japan Kikai-Shinko Building, 3-5-8 Shiba Park, Minato-ku, Shiba PO, Tokyo, Japan
- J. Jpn. Assoc. Philos. Sci. (Japan)** — (KAKKAM)
Journal of the Japan Association for Philosophy of Science c/o Institute of Statistical Mathematics, 6-7, 4-chome, Minami-azabu, Minato-ku, Tokyo, Japan
- J. Jpn. Inst. Met. (Japan)** — (NIKGAV)
Journal of the Japan Institute of Metals Aza-Aoba Aramaki, Sendai 980, Japan
- J. Jpn. Soc. Precis. Eng. (Japan)** — (JPEAD)
Journal of the Japan Society of Precision Engineering Ceramic Association Building, 22-17, 2-chome, Hyakunincho, Shinjuku-ku, Tokyo, Japan
- J. Korea Inst. Electron. Eng.** — (JKEEAX)
Journal of Korea Institute of Electronics Engineers 24 Sinmoon Ro 1Ka, Chongro Ku, Seoul 110, Korea
- J. Korean Inst. Electr. Eng.** — (JKIEAJ)
Journal of the Korean Institute of Electrical Engineers Korean Institute of Electrical Engineers, 11-4 Soopyo-dong, Chung-ku, Seoul 100, Korea
- J. Korean Inst. Met.** — (KUHCAL)
Journal of the Korean Institute of Metals C.P.O. Box 5311, Seoul, Korea
- J. Korean Nucl. Soc.** — (WJHKAW)
Journal of the Korean Nuclear Society P.O. Box 7, Cheong Ryang, Seoul, Korea
- J. Korean Phys. Soc.** — (KPSJAS)
Journal of the Korean Physical Society Korean Physical Society, Science Centre Building, San 76-51, Yuksan-Dong, Kangam-Ku, Seoul, Korea
- J. Less-Common Met. (Switzerland)** — (JCOMAH)
Journal of the Less-Common Metals Elsevier Sequoia SA, P.O. Box 851, 1001 Lausanne 1, Switzerland
- J. Libr. Autom. (USA)** — (JLAUAY)
Journal of Library Automation 50 East Huron Street, Chicago, IL 60611, USA
- J. Librarianship (GB)** — (JLIBAH)
Journal of Librarianship Library Association, 7 Ridgmount Street, London, WC1E 7AE, England
- J. Low Temp. Phys. (USA)** — (JLT PAC)
Journal of Low Temperature Physics Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- J. Lumin. (Netherlands)** — (JLUMA8)
Journal of Luminescence North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- J. Macromol. Sci. - Phys. (USA)** — (JMAPBR)
Journal of Macromolecular Science - Physics Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- J. Magn. & Magn. Mater. (Netherlands)** — (JMMMD0)
Journal of Magnetism and Magnetic Materials North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- J. Magn. Resonance (USA)** — (JOMRA4)
Journal of Magnetic Resonance Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Mater. Sci. (GB)** — (JMTSAS)
Journal of Materials Science Chapman and Hall, 11 New Fetter Lane, London, EC4P 4EE, England
- J. Math. & Phys. Sci. (India)** — (JMPSB9)
Journal of Mathematical and Physical Sciences Indian Institute of Technology, Madras 600 036, India
- J. Math. & Sci. (Pakistan)** — (JMMSAR)
Journal of Mathematics and Sciences Title changed to: *Islamabad J. Sci. (Pakistan)*
- J. Math. Anal. & Appl. (USA)** — (JMANAK)
Journal of Mathematical Analysis and Applications Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Math. Biol. (Germany)** — (JMBLAJ)
Journal of Mathematical Biology Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Germany
- J. Math. Phys. (USA)** — (JMAPAQ)
Journal of Mathematical Physics American Institute of Physics, 335 East 47th Street, New York, NY 10017, USA
- J. Math. Sociol. (GB)** — (JMSTBT)
Journal of Mathematical Sociology Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- J. Mec. (France)** — (JOMCAR)
Journal de Mecanique Centrale des Revues, Dunod/Gauthier-Villars, 26 Boulevard de l'Hopital, 75005 Paris, France
- J. Mec. Appl. (France)** — (JMAPDT)
Journal de Mecanique Applique Centrale des Revues Dunod/Gauthier-Villars, 70 rue de Saint-Mande, B.P. 119, 93104 Montreuil Cedex, France
- J. Mech. & Phys. Solids (GB)** — (JMPSA8)
Journal of the Mechanics and Physics of Solids Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- J. Mech. Eng. Lab. (Japan)** — (KGKSB1)
Journal of Mechanical Engineering Laboratory Agency of Industrial Science and Technology, Igusa Suginami-ku, Tokyo, Japan
- J. Mech. Eng. Sci. (GB)** — (JMESAL)
Journal of Mechanical Engineering Science Institution of Mechanical Engineers, 1 Birdcage Walk, London, SW1H 9JJ, England
- J. Mechanochem. & Cell Motility (GB)** — (JMCLOA)
Journal of Mechanochemistry & Cell Motility Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England

- J. Med. Eng. & Technol. (GB)** — (JMTEDN)
Journal of Medical Engineering & Technology Formerly: *Bio-Med. Eng. (GB)* United Trade Press Ltd., 42/43 Gerrard Street, London, W1V 7LP, England
- J. Membrane Sci. (Netherlands)** — (JMESDO)
Journal of Membrane Science Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- J. Met. (USA)** — (JOMTAA)
Journal of Metals American Institute of Mining, Metallurgical and Petroleum Engineers, 345 East 47th Street, New York, NY 10017, USA
- J. Met. Finish. Soc. Jpn. (Japan)** — (KZHGAY)
Journal of the Metal Finishing Society of Japan Tokyo, Japan
- J. Microgr. (USA)** — (JMGPNB)
Journal of Micrographics National Microfilm Association Headquarters, Suite 1101, 8728 Colesville Road, Silver Spring, MD 20910, USA
- J. Microsc. & Spectrosc. Electron. (France)** — (JMSEDI)
Journal de Microscopie et de Spectroscopie Electroniques Societe Francaise de Microscopie Electronique, 67 rue Maurice-Gunsbourg, 94200 Ivry, France
- J. Microsc. (GB)** — (JMICAR)
Journal of Microscopy Blackwell Scientific Publications Ltd., Osney Mead, Oxford OX2 0EL, England
- J. Microwave Power (Canada)** — (JLMPAB)
Journal of Microwave Power IMPI, Box 1556, Edmonton, Alberta, T5J 2N7, Canada
- J. Mol. Spectrosc. (USA)** — (JMOSA3)
Journal of Molecular Spectroscopy Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Mol. Struct. (Netherlands)** — (JMOSB4)
Journal of Molecular Structure Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- J. Multivariate Anal. (USA)** — (JMVAAI)
Journal of Multivariate Analysis Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Natl. Chiao Tung Univ. (Taiwan)** — (CTTPDS)
Journal of National Chiao Tung University College of Engineering, 45 Po Ai Street, Hsinchu 300, Taiwan
- J. Natl. Res. Counc. Thailand** — (JRCTAF)
Journal of the National Research Council of Thailand Thai National Documentation Centre, Bangkok, Thailand
- J. Navig. (GB)** — (JONVAL)
Journal of Navigation Royal Institute of Navigation at the Royal Geographical Society, 1 Kensington Gore, London, SW7 2AT, England
- J. Non-Cryst. Solids (Netherlands)** — (JNCSBJ)
Journal of Non-Crystalline Solids North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- J. Non-Newtonian Fluid Mech. (Netherlands)** — (JNFMDI)
Journal of Non-Newtonian Fluid Mechanics Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- J. Nonmet. & Semicond. (GB)** — (JNSEDP)
Journal of Nonmetals and Semiconductors Title changed to: *Semicond. & Insul. (GB)*
- J. Nucl. Mater. (Netherlands)** — (JNUMAM)
Journal of Nuclear Materials North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- J. Nucl. Med. (USA)** — (JNMEAQ)
Journal of Nuclear Medicine Society of Nuclear Medicine, 475 Park Avenue South, New York, NY 10016, USA
- J. Nucl. Med. Technol. (USA)** — (JNMTB4)
Journal of Nuclear Medicine Technology Society of Nuclear Medicine, 475 Park Avenue South, New York, NY 10016, USA
- J. Nucl. Sci. & Technol. (Japan)** — (JNSTAX)
Journal of Nuclear Science and Technology Atomic Energy Society of Japan, c/o Japan Atomic Energy Research Institute, No. 1-13, 1-chome, Shimbashi, Minato-ku, Tokyo, Japan
- J. Oper. Res. Soc. (GB)**
Journal of the Operational Research Society Formerly: *Oper. Res. Q. (GB)* Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- J. Oper. Res. Soc. Jpn. (Japan)** — (JORJAS)
Journal of the Operations Research Society of Japan c/o Japan Academic Societies Center Building, 4-16, Yayoi 2-chome, Bunkyo-ku, Tokyo 113, Japan
- J. Opt. (France)** — (JOOPDB)
Journal of Optics Formerly: *Nouv. Rev. Opt. (France)* Masson Editeur, 120 Boulevard Saint-Germain, 75280 Paris Cedex 06, France
- J. Opt. (India)** — (JOPTBQ)
Journal of Optics Optical Society of India, Department of Applied Physics, University of Calcutta, 92 Acharya Prafulla Chandra Road, Calcutta-9, India
- J. Opt. Soc. Am. (USA)** — (JOSA AH)
Journal of the Optical Society of America Published for the Optical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- J. Optimiz. Theory & Appl. (USA)** — (JOTABN)
Journal of Optimization Theory and Applications Plenum Publishing Co., 227 West 17th Street, New York, NY 10011, USA
- J. Photogr. Sci. (GB)** — (JPTSAF)
Journal of Photographic Science Royal Photographic Society, 14 South Audley Street, London, W1Y 5DP, England
- J. Phys. & Chem. Ref. Data (USA)** — (JPCRBU)
Journal of Physical and Chemical Reference Data American Chemical Society, 1155 Sixteenth Street, N.W., Washington, DC 20036, USA
- J. Phys. & Chem. Solids (GB)** — (JPCSAW)
Journal of the Physics and Chemistry of Solids Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- J. Phys. (France)** — (JOPQAG)
Journal de Physique Societe Francaise de Physique, 87 bis Avenue du General Leclerc, 75014 Paris, France
- J. Phys. A (GB)** — (JPMNAX)
Journal of Physics A, (Mathematical and General) Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England
- J. Phys. B (GB)** — (JPAMA4)
Journal of Physics B, (Atomic and Molecular Physics) Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England
- J. Phys. C (GB)** — (JPSCAW)
Journal of Physics C, (Solid State Physics) Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England
- J. Phys. Chem. (USA)** — (JPCHAX)
Journal of Physical Chemistry American Chemical Society, 1155 Sixteenth Street N.W., Washington, DC 20036, USA
- J. Phys. D (GB)** — (JPAPBE)
Journal of Physics D, (Applied Physics) Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England
- J. Phys. E (GB)** — (JPSIAE)
Journal of Physics E, (Scientific Instruments) Formerly: *J. Sci. Instrum. (GB)* Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England
- J. Phys. Earth (Japan)** — (JPHEAF)
Journal of Physics of the Earth University of Tokyo Press, c/o Business Centre for Academic Sciences, 4-16 Yayoi 2-chome, Bunkyo-ku, Tokyo 113, Japan. Subscription address: Japan Publications Trading Co. Ltd., C.P.O. 722, Tokyo, Japan
- J. Phys. F (GB)** — (JPFMAT)
Journal of Physics F, (Metal Physics) Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England
- J. Phys. G (GB)** — (JPHGBM)
Journal of Physics G, (Nuclear Physics) Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England
- J. Phys. Lett. (France)** — (JPSLBO)
Journal de Physique Lettres Issued with: *J. Phys. (France)*
- J. Phys. Oceanogr. (USA)** — (JPYOB T)
Journal of Physical Oceanography American Meteorological Society, 45 Beacon Street, Boston, MA 02108, USA
- J. Phys. Soc. Jpn. (Japan)** — (JPSAU)
Journal of the Physical Society of Japan Room 211, Kikai Shinko Building, 3-5-8 Shiba Koen, Minato-ku, Tokyo 105, Japan
- J. Plasma Phys. (GB)** — (JPLPBZ)
Journal of Plasma Physics Cambridge University Press, Bentley House, 200 Euston Road, London, NW1 2DB, England
- J. Polym. Sci. Macromol. Rev. (USA)** — (JPDMAJ)
Journal of Polymer Science, Macromolecular Reviews Interscience Publishers, 605 Third Avenue, New York, NY 10016, USA
- J. Polym. Sci. Polym. Chem. Ed. (USA)** — (JPLCAT)
Journal of Polymer Science, Polymer Chemistry Edition Interscience Publishers, 605 Third Avenue, New York, NY 10016, USA
- J. Polym. Sci. Polym. Lett. Ed. (USA)** — (JPYBAN)
Journal of Polymer Science, Polymer Letters Edition Interscience Publishers, 605 Third Avenue, New York, NY 10016, USA
- J. Polym. Sci. Polym. Phys. Ed. (USA)** — (JPLPAY)
Journal of Polymer Science, Polymer Physics Edition Interscience Publishers, 605 Third Avenue, New York, NY 10016, USA
- J. Polym. Sci. Polym. Symp. (USA)** — (JPYCAQ)
Journal of Polymer Science, Polymer Symposia Interscience Publishers, 605 Third Avenue, New York, NY 10016, USA
- J. Power Sources (Switzerland)** — (JPSODZ)
Journal of Power Sources Elsevier Sequoia S.A., P.O. Box 851, CH-1001 Lausanne 1, Switzerland
- J. Qual. Technol. (USA)** — (JQUTAU)
Journal of Quality Technology American Society of Quality Control, Plankinton Building, 161 West Wisconsin Avenue, Milwaukee, WI 53203, USA
- J. Quant. Spectrosc. & Radiat. Transfer (GB)** — (JQSRAE)
Journal of Quantitative Spectroscopy and Radiative Transfer Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- J. R. Astron. Soc. Can. (Canada)** — (JRASA2)
Journal of the Royal Astronomical Society of Canada 124 Merton Street, Toronto, Ontario M4S 2Z2, Canada
- J. R. Electr. & Mech. Eng. (GB)** — (JREMB5)
Journal of the Royal Electrical and Mechanical Engineers Moat House, Arborfield, Berks., RG2 9LN, England
- J. R. Signals Inst. (GB)** — (JRSIBT)
Journal of the Royal Signals Institution Cheltenham Terrace, London, SW3 4RH, England
- J. Radiat. Res. (Japan)** — (JRARAX)
Journal of Radiation Research Japan Radiation Research Society, c/o National Institute of Radiological Sciences, Anagawa 4-9, Chiba 280, Japan
- J. Radio Res. Lab. (Japan)** — (JRRLAW)
Journal of the Radio Research Laboratories Chief Planning Section, Radio Research Laboratories, Ministry of Posts & Telecommunications, Nukui-Kitamachi, Konganei-shi, Tokyo 184, Japan
- J. Radioanal. Chem. (Switzerland)** — (JRACBN)
Journal of Radioanalytical Chemistry Elsevier Sequoia S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland. Kultura, H-1389 Budapest, 62, P.O. Box 149, Hungary
- J. Raman Spectrosc. (GB)** — (JRSPAF)
Journal of Raman Spectroscopy Heyden & Son Ltd., Spectrum House, Alderton Crescent, London, NW4 3XX, England
- J. Rech. Atmos. (France)** — (JRATA5)
Journal de Recherches Atmospheriques Observatoire du Puy de Dome, 12 avenue des Landais, 63001 Clermont Ferrand Cedex, France
- J. Res. Commun. Stud. (Netherlands)** — (JRCSDF)
Journal of Research Communication Studies Elsevier Scientific Publishing Co., P.O. Box 211, 1000 AE Amsterdam, Netherlands
- J. Res. Inst. Sci. & Technol. Nihon Univ. (Japan)** — (NDRKA9)
Journal of the Research Institute of Science and Technology, Nihon University Nihon, Japan
- J. Res. Music Educ. (USA)** — (JRMEAK)
Journal of Research in Music Education Music Educators National Conference, 1902 Association Drive, Reston, VA 22091, USA
- J. Res. Natl. Bur. Stand. (USA)** — (JRNBAQ)
Journal of Research of the National Bureau of Standards US Government Printing Office, Washington, DC 20402, USA
- J. Res. Natl. Bur. Stand. Sect. A (USA)** — (JNBAAR)
Journal of Research of the National Bureau of Standards. Section A (Physics and Chemistry) US Government Printing Office, Washington, DC 20402, USA. Journal merged into one with J. Res. Natl. Bur. Stand. Sect. B (USA) to form J. Res. Natl. Bur. Stand. (USA)
- J. Res. Natl. Bur. Stand. Sect. B (USA)** — (JNBBAU)
Journal of Research of the National Bureau of Standards. Section B (Mathematics and Mathematical Physics) US Government Printing Office, Division of Public Documents, Washington, DC 20402, USA. Journal merged into one with J. Res. Natl. Bur. Stand. Sect. A (USA) to form J. Res. Natl. Bur. Stand. (USA)
- J. Rheol. (USA)** — (JORHD2)
Journal of Rheology Formerly: *Trans. Soc. Rheol. (USA)* Published for the Society of Rheology by John Wiley & Sons Inc., 605 Third Avenue, New York, NY 10016, USA
- J. Sci. & Ind. Res. (India)** — (JSIRAC)
Journal of Scientific and Industrial Research Sales & Distribution Office, Publications & Information Directorate, Hillside Road, New Delhi 110012, India

- J. Sci. Hiroshima Univ. A (Japan)** — (JSHAAO)
Journal of Science of the Hiroshima University Publishing Committee of Series A, Department of Chemistry, Faculty of Science, Hiroshima University, Hiroshima 730, Japan
- J. Sci. Res. Banaras Hindu Univ. (India)** — (JSRBA9)
Journal of Scientific Research of the Banaras Hindu University PO-Banaras Hindu University, India
- J. Sci. Soc. Thailand** — (VKSTDB)
Journal of the Science Society of Thailand Chulalongkorn University, Faculty of Science, Bangkok 5, Thailand
- J. Signallaufzeichnungsmater. (Germany)** — (JSZMAE)
Journal für Signallaufzeichnungsmaterialien Akademie-Verlag, 108 Berlin, Leipzigerstrasse 3-4, Germany
- J. Singapore Natl. Acad. Sci.** — (JSNABL)
Journal of the Singapore National Academy of Science Tecco Organisation, 117-b Killiney Road, Singapore 9, Singapore
- J. Soc. Environ. Eng. (GB)** — (JSEEBM)
Journal of the Society of Environmental Engineers Modino Press Ltd., 50 Pine Grove, London, N20 8LA, England
- J. Soc. Instrum. & Control Eng. (Japan)** — (KESEA4)
Journal of the Society of Instrument and Control Engineers Kotohira annex, 39 Kotohira-cho, Shiba, Minato-ku, Tokyo 105, Japan
- J. Soc. Mater. Sci. Jpn. (Japan)** — (ZARYAQ)
Journal of the Society of Materials Science, Japan 1 Yoshida Izumidonocho, Sakyo-ku, Kyoto, Japan
- J. Soc. Underwater Technol. (GB)** — (JSUTDD)
Journal of the Society for Underwater Technology 1 Birdcage Walk, London, SW1H 9JJ, England
- J. Solid State Chem. (USA)** — (JSSCBI)
Journal of Solid State Chemistry Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- J. Sound & Vib. (GB)** — (JSVIAG)
Journal of Sound and Vibration Academic Press Inc. (London) Ltd., 24-28 Oval Road, London, NW1 7DX, England
- J. Spacecr. & Rockets (USA)** — (JSCRAG)
Journal of Spacecraft and Rockets American Institute of Aeronautics and Astronautics, 1290 Avenue of the Americas, New York, NY 10019, USA
- J. Spectrosc. Soc. Jpn. (Japan)** — (BUKKAT)
Journal of the Spectroscopical Society of Japan (Bunkyo Kenkyu) 2-15-1, Nakai, Shinjuku-ku, Tokyo 161, Japan
- J. Speech & Hear. Res. (USA)** — (JSPHAI)
Journal of Speech and Hearing Research American Speech and Hearing Association, 9030 Old Georgetown Road, Washington, DC 20014, USA
- J. Stat. Comput. & Simulation (GB)** — (JSCSAJ)
Journal of Statistical Computation and Simulation Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- J. Stat. Phys. (USA)** — (JSTPBS)
Journal of Statistical Physics Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- J. Strain Anal. (GB)** — (JSTABH)
Journal of Strain Analysis Institution of Mechanical Engineers, 1 Birdcage Walk, London, SW1H 9JJ, England
- J. Struct. Chem. (USA)** — (JSTCAM)
Journal of Structural Chemistry [Translation of: *Zh. Strukt. Khim. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- J. Struct. Mech. (USA)** — (JSMHA2)
Journal of Structural Mechanics Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- J. Symb. Logic (USA)** — (JSYLA6)
Journal of Symbolic Logic Association for Symbolic Logic, P.O. Box 6248, Providence, RI 02940, USA
- J. Syst. Eng. (GB)** — (JSYEAJ)
Journal of Systems Engineering Title changed to: *J. Appl. Syst. Anal. (GB)*
- J. Syst. Manage. (USA)** — (JSYMA9)
Journal of Systems Management Association for Systems Management 24587 Bagley Road, Cleveland, OH 44138, USA
- J. Tech. Phys. (Poland)** — (JTPHDR)
Journal of Technical Physics Polish Academy of Sciences, Institute of Fundamental Technological Research, Palac Kultury i Nauki, Warszawa, Poland
- J. Technol. (India)** — (JTBEAD)
Journal of Technology Bengal Engineering College, Howrah, India
- J. Test. & Eval. (USA)** — (JTEVAB)
Journal of Testing and Evaluation American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103, USA
- J. Therm. Anal. (GB)** — (JTBEA9)
Journal of Thermal Analysis Heyden & Son Ltd., Spectrum House, Hillview Gardens, London NW4 2JQ, England. Akademiai Kiado, Alkotmany U 21, Budapest 5, Hungary
- J. Univ. Kuwait (Sci.)** — (JUKSD8)
Journal of the University of Kuwait (Science) Faculty of Science, Kuwait
- J. Urban Anal. (GB)** — (JURAAK)
Journal of Urban Analysis Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- J. Vac. Sci. & Technol. (USA)** — (JVSTAL)
Journal of Vacuum Science and Technology American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- J. Vac. Soc. Jpn. (Japan)** — (SHINAM)
Journal of the Vacuum Society of Japan Kikai Shinko Building, 5-8 Shibakoen, 3-chome, Minato-ku, Tokyo, Japan
- J. Water Pollut. Control Fed. (USA)** — (JWPFA5)
Journal Water Pollution Control Federation Water Pollution Control Federation, 2626 Pennsylvania Avenue, N.W., Washington, DC 20037, USA
- J. X-Ray Technol. (GB)** — (JXRTAU)
Journal of X-Ray Technology Society of X-Ray Technology, c/o Mr. L.A. Newman, 33A Priestland Park Road, Sidcup, Kent, England
- Jad. Energ. (Czechoslovakia)** — (JADEAQ)
Jaderna Energie SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia
- JEE (Japan)** — (JELEBR)
JEE (Japan Electronic Engineering) Dempa Publications Inc., 11-15 Higashi Gotanda, 1-chome, Shinagawa-ku, Tokyo 141, Japan
- JEL-Jpn. Electron. Ind. (Japan)** — (JELIB5)
JEL-Japan Electronic Industry Dempa Publications Inc., 11-15 Higashi Gotanda, 1-chome, Shinagawa-ku, Tokyo, Japan
- Jemna Mech. & Opt. (Czechoslovakia)** — (JMKOAS)
Jemna Mechanika a Optika SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia
- Jena Rev. (Germany)** — (JNRVAY)
Jena Review VEB Verlag Technik, Oranienburger Strasse 13/14, 102 Berlin, Germany
- JETP Lett. (USA)** — (JTPLA2)
JETP Letters [Translation of: *Pis'ma v Zh. Eksp. & Teor. Fiz. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Jpn. J. Appl. Phys. (Japan)** — (JJAPA5)
Japanese Journal of Applied Physics Publication Office, 2nd Toya Kaiji Building, 24-8 Shinbashi, Minato-ku, Tokyo 105, Japan
- Jpn. J. Med. Electron. & Biol. Eng. (Japan)** — (IYSEAK)
Japanese Journal of Medical Electronics and Biological Engineering Japan Society of Medical Electronics and Biological Engineering, Kikaishinko Building, 3-5-8 Shiba-Park, Minato-ku, Tokyo 105, Japan
- Jpn. Shipbuild. & Mar. Eng. (Japan)** — (JSMEBS)
Japan Shipbuilding & Marine Engineering Japan Association for Technical Information, 4-7-107 Yamazaki-cho, Machida-City, Tokyo 194-01, Japan
- Jpn. Telecommun. Rev. (Japan)** — (JTCRAN)
Japan Telecommunications Review Nippon Telegraph & Telephone Public Corp., 1-6 Uchisaiwai-cho, 1-chome, Chiyoda-ku, Tokyo 100, Japan
- Jurimetrics J. (USA)** — (JURJAD)
Jurimetrics Journal Section of Sciences & Technology, American Bar Association, 1155 East 60th Street, Chicago, IL 60637, USA
- K. Nor. Vidensk. Selsk. Foerhandl. (Norway)** — (KNSFA2)
Kongelige Norske Videnskabers Selskabs Forhandlinger Publisher: F.Bruns Bokhandel, Trondheim, Norway
- K. Nor. Vidensk. Selsk. Skr. (Norway)** — (KNSSA7)
Kongelige Norske Videnskabers Selskabs Skrifter Publisher: F.Bruns Bokhandel, Trondheim, Norway
- Kabel-Cables (Switzerland)** — (KACAAK)
Kabel-Cables Kabelwerke Brugg AG, 5200 Brugg, Switzerland
- KDD Tech. J. (Japan)** — (KTNKAY)
KDD Technical Journal International Communications Research Institute, Tokyo, Japan
- Kent Tech. Rev. (GB)** — (KTTRAH)
Kent Technical Review George Kent Ltd., Luton, Beds LU3 1AL, England
- Kerntechnik (Germany)** — (KERTAA)
Kerntechnik Verlag Karl Thiernig KG, Pilgersheimerstrasse 38, D8000 Munchen 90, Germany
- Kexue Tongbao (China)** — (KHTPAT)
Kexue Tongbao Academia Sinica, Peking, People's Republic of China [English translation in: *Kexue Tongbao (Scientia) (USA)*]
- Kexue Tongbao (Scientia) (USA)**
Kexue Tongbao (Scientia) [Translation of: *Kexue Tongbao (China)*] Plenum/China Program, 227 West 17th Street, New York, NY 10011, USA
- Kibern. & Vychisl. Tekh. (USSR)** — (KvyTAS)
Kibernetika i Vychislitel'naya Tekhnika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Kibernetika (USSR)** — (KBRNA5)
Kibernetika Agent: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Cybernetics (USA)*]
- Kniznice & Ved. Inf. (Czechoslovakia)** — (KVIFA8)
Kniznice a Vedecké Informacie Matica Slovenska, Martin, Mudronova 35, Czechoslovakia
- Kobunshi Ronbunshu (Japan)** — (KBRBA3)
Kobunshi Ronbunshu Society of Polymer Science, Honshu Building, 5-12-8 Ginza, Cho-ku, Tokyo 104, Japan
- Kodaikanal Obs. Bull. Ser. A (India)** — (KOBAAB)
Kodaikanal Observatory Bulletin, Series A Indian Institute of Astrophysics, Kodaikanal 3, Madurai District, Tamil Nadu, India
- Kodaikanal Obs. Bull. Ser. B (India)** — (KOBBAE)
Kodaikanal Observatory Bulletin, Series B Indian Institute of Astrophysics, Kodaikanal 3, Madurai District, Tamil Nadu, India
- Koezl. Magy. Tud. Akad. Musz. Fiz. Kut. Intez. (Hungary)** — (MTIKAV)
Kozlemenyei Magyar Tudomanyos Akademia Muszaki Fizikai Kutato Intezetene Hungarian Academy of Sciences, Research Institute for Technical Physics, Budapest, Ujpest 1, P.O. Box 76, Hungary
- Koezlekedes Tud. Sz. (Hungary)** — (KOSZAZ)
Kozlekedes Tudomanyai Szemle Lapkiado Vallalat, 1073 Budapest, Lenin-Korut 9-11, Hungary
- Kogaku to Gijutsu (Japan)** — (KTGIAR)
Kogaku to Gijutsu Kansai University, Faculty of Engineering, Senriyama, Suita-shi, 564 Osaka, Japan
- Kolloidn. Zh. (USSR)** — (KOZHAG)
Kolloidnyi Zhurnal Editorial address: Institute of Physical Chemistry, Academy of Sciences of the USSR, Moscow, USSR [English translation in: *Colloid J. USSR (USA)*]
- Koncar Strucne Inf. (Yugoslavia)** — (KONCDC)
Koncar Strucne Informacije Formerly: *Inf. Rade Koncar (Yugoslavia)* Produzeca "Rade Koncar", Post Pret, 304 Fallervo Set, 22 Zagreb, Yugoslavia
- Kosm. Issled. (USSR)** — (KOISAW)
Kosmicheske Issledovaniya Izdatel'stvo 'Nauka', 103717 Moskva, Pod-sosenskii 21, USSR [English translation in: *Cosmic Res. (USA)*]
- Kovove Mater. (Czechoslovakia)** — (KOMAAW)
Kovove Materialy Vydavatel'stvo Slovenskej Akademie Vied, Bratislava, Klemensova 19, Czechoslovakia
- Krist. & Tech. (Germany)** — (KRTEAW)
Kristall und Technik Akademie-Verlag GmbH, Leipziger Strasse 3-4 DDR- 108 Berlin, Germany, Academic Press Inc. (London) Ltd., 24-28 Oval Road, London NW1, England
- Kristallografiya (USSR)** — (KRISAJ)
Kristallografiya Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Sov. Phys.-Crystallogr. (USA)*]
- Kumamoto J. Sci. (Math.) (Japan)** — (KJSAAR)
Kumamoto Journal of Science (Mathematics) Faculty of Science, Kumamoto University, Kumamoto, Japan
- Kunstst.-Berat. (Germany)** — (KUBEAV)
Kunststoff-Berater Umschau Verlag, Frankfurt am Main, Stuttgarter Strasse 18-24, Germany
- Kvantovaya Elektron., Kiev (USSR)** — (KVELA6)
Kvantovaya Elektronika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Kvantovaya Elektron., Moskva (USSR)** — (KVEKA3)
Kvantovaya Elektronika Sovetskoe Radio, Moskva, Glavpochtamt, p/ya 693, USSR [English translation in: *Sov. J. Quantum Electron. (USA)*]

- Kybernetes (GB)** — (KBNTA3)
Kybernetes Thales Publications (W.O.) Ltd., 8 Old Bond Street, London, W1X 3TA, England
- Kybernetika (Czechoslovakia)** — (KYBNA1)
Kybernetika PNS-vyvos Tisku, Nove Mesto, Jindrisska 14, 12505 Praha 1, Czechoslovakia
- Lab. Equip. Dig. (GB)** — (LEQDA2)
Laboratory Equipment Digest Morgan-Grampian Ltd., 30 Calderwood Street, Woolwich, London, SE18 6QH, England
- Lab. Pract. (GB)** — (LABPA3)
Laboratory Practice United Trade Press, 15 Albert Mews, London, W8 5RY, England
- Landis & Gyr Rev. (Switzerland)** — (LGRVA7)
Landis & Gyr Review 6301 Zug, Switzerland
- Larc Rep. (USA)** — (LARCAA)
Larc Reports LARC Association, P.O. Box 27235, Tempe, AZ 85282, USA
- Laser & Elektro-Opt. (Germany)** — (LELOAA)
Laser und Elektro-Optik AT-Fachverlag GmbH, 7000 Stuttgart 50, Postfach 50 01 80, König-Karl-Strasse 19, Germany
- Laser & Unconv. Opt. J. (Sweden)** — (LONCAK)
Laser and Unconventional Optics Journal European Abstracts Service, Box 12035, S-402 41 Göteborg 12, Sweden
- Laser Focus (USA)** — (LAFOAK)
Laser Focus Advanced Technology Publications Inc., 1001 Watertown Street, Newton, MA 02165, USA
- Latv. PSR Zinat. Akad. Vestis (USSR)** — (LZAAVL)
Latvijas PSR Zinatnu Akademijas Vestis Fundamental Library, Academy of Sciences, 4 Komunalā Street, Riga, USSR
- Latv. PSR Zinat. Akad. Vestis Fiz. Teh. Zinat. Ser. (USSR)** — (LZFTA6)
Latvijas PSR Zinatnu Akademijas Vestis, Fizikas un Tehnisko Zinatnu Serija Fundamental Library, Academy of Sciences, 4 Komunalā Street, Riga, USSR
- Law & Comput. Technol. (USA)** — (LACTAK)
Law and Computer Technology World Peace Through Law Center, Section on Law and Computer Technology, 839 - 17th Street, N.W., Washington, DC 20006, USA
- Lett. Appl. & Eng. Sci. (GB)** — (LAESBS)
Letters in Applied & Engineering Sciences Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England. Merged with Int. J. Eng. Sci. (GB)
- Lett. Heat & Mass Transfer (GB)** — (LHMTBI)
Letters in Heat and Mass Transfer Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Lett. Math. Phys. (Netherlands)** — (LMPHDY)
Letters in Mathematical Physics D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Lett. Nuovo Cimento (Italy)** — (LNUCAE)
Lettere al Nuovo Cimento Editrice Compositore s.r.l., Viale XII Giugno 1, 40124 Bologna, Italy
- LEW-Nachr. (Germany)** — (LEWNAS)
LEW-Nachrichten Kombinat VEB Lokomotivbau-Elektrotechnische Werke 'Hans Beimler', 1422 Henningsdorf, Germany
- Libr. & Inf. Sci. (Japan)** — (LIFSBL)
Library and Information Science Mita Society of Library and Information Science, c/o School of Library and Information Science, Keio University, Mita, Minato-ku, Tokyo 108, Japan
- Libr. Assoc. Rec. (GB)** — (LASRAQ)
Library Association Record 7 Ridgmount Street, London, WC1E 7AE, England
- Libr. Q. (USA)** — (LIBQAS)
Library Quarterly University of Chicago Press, 11030 S. Langley Avenue, Chicago, IL 60628, USA
- Libr. Resour. & Tech. Serv. (USA)** — (LRTSAH)
Library Resources & Technical Services American Library Association, Resources and Technical Service Division, 1201-05 Bluff Street, Fulton, MO 65251, USA
- Lichtbogen (Germany)** — (LIBOAM)
Der Lichtbogen Chemische Werke Huls AG, 4370 Marl, Kreis Recklinghausen, Germany
- Lichttechnik (Germany)** — (LITKAW)
Lichttechnik Huthig und Pflaum Verlag, 8000 München, Postfach 20 19 20, Germany
- Liet. TSR Mokslu Akad. Darbai B Ser. (USSR)** — (LIMDBAL)
Lietuvos TSR Mokslu Akademijos Darbai, B Serija Vilnius, Lenino pr. 3, USSR
- Light & Light. & Environ. Des. (GB)**
Light and Lighting and Environmental Design Formerly: *Light & Light* (GB) Chartered Institution of Building Services, 49 Cadogan Square, London, SW1X 0JB, England. Journal merged with Build Serv. Eng. (GB) to form J. Chart. Inst. Build. Serv. (GB)
- Light & Light. (GB)** — (LILIAK)
Light and Lighting Title changed to: *Light & Light. & Environ. Des. (GB)*
- Light. Equip. News (GB)** — (LIENAY)
Lighting Equipment News Equipment News Ltd., 30 Old Burlington Street, London, W1X 2AE, England
- Light. Res. & Technol. (GB)** — (LRTEA9)
Lighting Research and Technology Illuminating Engineering Society, York House, 199 Westminster Bridge Road, London, SE1 7UN, England
- Linde Rep. Sci. & Technol. (Germany)** — (LRSTAF)
Linde Reports on Science and Technology Linde Aktiengesellschaft, D-62 Wiesbaden, Abraham-Lincoln-Strasse 21, Germany
- Linear Algebra & Appl. (USA)** — (LAAPAW)
Linear Algebra and its Applications Elsevier North-Holland Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA
- Litov. Fiz. Sb. (USSR)** — (LFRMA7)
Litovskii Fizicheskii Sbornik Lietuvos TSR Mokslu Akademijos, Centrine Biblioteka, Pozelos g-vė 2/8, Vilnius, USSR [English translation in: Sov. Phys.-Collect. (USA)]
- Ljuskultur (Sweden)** — (LJUSAY)
Ljuskultur Publication address: Skeppargatan 27, Box 5512, 11485 Stockholm, Sweden
- Logist. & Transp. Rev. (Canada)** — (LGTRA5)
Logistics and Transportation Review Faculty of Commerce, University of British Columbia Vancouver V6T 1W5, Canada
- Low Temp. Sci. Ser. A (Japan)** — (TEKAAH)
Low Temperature Science Series A, Physical Sciences Institute of Low Temperature Science, Hokkaido University, Sapporo, Japan
- LSE Eng. Bull. (GB)** — (LSEBAY)
LSE Engineering Bulletin Laurence, Scott and Electromotors, Frankland Moor House, 185-7 High Road, Norwich, NOR 85A, England
- Lucas Eng. Rev. (GB)** — (LEGRAS)
Lucas Engineering Review Joseph Lucas Ltd., Great King Street, Birmingham B19 2XF, England
- Lucr. ICPE (Romania)** — (LICPAU)
Lucrarile ICPE Institut de Cercetare si Proiectare Pentru Industria Electrotehnica, Bd. T. Vladimirescu No. 45-47, Raionul V.I. Lenin, Bucuresti, Romania
- Luft- & Kältetechnik. (Germany)** — (LUKAA7)
Luft- und Kältetechnik VEB Verlag Technik, 102 Berlin, Oranienburger Strasse 13/14, Germany
- M.A.N. Res. Eng. Manuf. (Germany)** — (MANEB8)
M.A.N. Research Engineering Manufacturing Maschinenfabrik Augsburg-Nürnberg Aktiengesellschaft, D 89 Augsburg, Germany
- Mach. & Prod. Eng. (GB)** — (MPREAU)
Machinery and Production Engineering 222 London Road, Burgess Hill, Sussex RH15 9EH, England
- Mach. & Tool. (GB)** — (MCTOAD)
Machines and Tooling [Translation of: *Stanki & Instrum. (USSR)*] Production Engineering Research Association, Melton Mowbray, Leics. LE13 0PB, England
- Mach. Des. (USA)** — (MADEAP)
Machine Design Penton/IPC Inc., Penton Plaza, Cleveland, OH 44114, USA
- Mach. Lloyd Int. (GB)** — (MLINCK)
Machinery Lloyd International Morgan Publications Ltd., 172-174 Kingston Road, Ewell, Surrey, England
- Mag. Concr. Res. (GB)** — (MCRNAV)
Magazine of Concrete Research Cement & Concrete Association, Wexham Springs, Slough SL3 6PL, England
- Magn. Gidrodin. (USSR)** — (MAGIAI)
Magnitnaya Gidrodinamika Akademiya Nauk Latvskoi SSR, 'Zinatne', ul Smilshu 1, Riga 47, USSR [English translation in: *Magnetohydrodynamics (USA)*]
- Magn. Lett. (GB)** — (MALEDY)
Magnetism Letters Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Magn. Resonance Rev. (GB)** — (MRSRBL)
Magnetic Resonance Review Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Magnetohydrodynamics (USA)** — (MGHDAG)
Magnetohydrodynamics [Translation of: *Magn. Gidrodin. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Magy. Fiz. Foly. (Hungary)** — (MGFAC)
Magyar Fizikai Folyoirat Alkotmany Utca 21 sz., 1363 Budapest 5, Hungary
- Manage. Datamatics (Netherlands)** — (MADADG)
Management Datamatics Noordhoff International Publishing, P.O. Box 26, Leyden, Netherlands
- Manage. Decis. (GB)** — (MANDA4)
Management Decision MCB (Management Decision) Ltd., 200 Keighley Road, Bradford, West Yorks. BD9 4JZ, England
- Manage. Sci. (USA)** — (MSCIAM)
Management Science Institute of Management Sciences, 146 Westminster Street, Providence, RI 02903, USA
- Manage. Serv. (GB)** — (MASEDZ)
Management Services Institute of Practitioners in Work Study, Organisation & Methods, 1 Cecil Court, London Road, Enfield, Middlesex EN2 6DD, England
- Manage. Serv. Gov. (GB)** — (MNSGBS)
Management Services in Government Civil Service Department, Management Services, Whitehall, London, SW1A 2AZ, England
- Manage. Wissen (Germany)**
Management Wissen
- Manage. Z. IO (Switzerland)** — (IIOODN)
Management Zeitschrift IO (Industrielle Organization) Verlag Industrielle Organisation, Zurichbergstrasse 18, CH-8028 Zurich, Switzerland
- Management (Denmark)** — (MMNEAN)
Management Teknisk Forlag A/S Skelbaekgade 4, 1717 København V, Denmark
- Mar. Behav. & Physiol. (GB)** — (MBPHAX)
Marine Behaviour and Physiology Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Mar. Geophys. Res. (Netherlands)** — (MGYRA7)
Marine Geophysical Researches D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Mar. Pollut. Bull. (GB)** — (MPNBZ)
Marine Pollution Bulletin Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Mar. Technol. (Germany)** — (MARTA4)
Marine Technology (Meerestechnik) Title changed to: *MT Meerestech. (Germany)*
- Mar. Technol. Soc. J. (USA)** — (MTSJBB)
Marine Technology Society Journal 1730 M Street N.W., Washington, DC 20036, USA
- Marconi Instrum. (GB)** — (MRCIAF)
Marconi Instrumentation Marconi Instruments Ltd., St. Albans, Herts, England
- Marconi Rev. (GB)** — (MARVAA)
Marconi Review Marconi Co., Marconi Research Laboratories, West Hammingfield Road, Great Baddow, Essex CM2 8HN, England
- Marelli (Italy)** — (MARLAE)
Marelli Ercole Marelli, Via Borgonuovo 24, Milano, Italy
- Maschinenmarkt (Germany)** — (MAMKAK)
Maschinenmarkt Vogel-Verlag KG, 87 Würzburg, Postfach 800, Germany
- Maschinenschaden (Germany)** — (MSCNA3)
Der Maschinenschaden Allianz Versicherungs-AG, Königinstrasse 28, Postfach 24, D-8000 München 44, Germany
- Mass Spectrosc. (Japan)** — (SHIBAK)
Mass Spectroscopy Mass Spectroscopy Society of Japan, c/o Department of Chemistry, Faculty of Liberal Arts and Sciences, University of Osaka Prefecture, Sakai-shi, Osaka, Japan

- Mat. Fiz. (USSR)** — (MAFIAD)
Matematicheskaya Fizika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Mat.-Fys. Medd. Dan. Vidensk. Selsk. (Denmark)** — (KDVSAC)
Matematisk-Fysiske Meddelelser Konglige Danske Videnskaberne Selskab Dantes Plads 5, DK-1556 Copenhagen V. Publisher: Munksgaard Ltd., 6 Norregade, DK-1165 Copenhagen K, Denmark
- Mater. Eval. (USA)** — (MAEVAD)
Materials Evaluation Society for Nondestructive Testing, 3200 Riverside Drive, Columbus, OH 43221, USA
- Mater. Handl. Eng. (USA)** — (MHENA4)
Material Handling Engineering Industrial Publishing Co., 614 Superior Avenue West, Cleveland, OH 44113, USA
- Mater. Res. AECL (Canada)** — (MRAEBS)
Materials Research in AECL Atomic Energy of Canada Ltd., Chalk River, Ontario, Canada
- Mater. Res. Bull. (USA)** — (MRBUAC)
Materials Research Bulletin Pergamon Press Inc., Maxwell House, Fairview Park, Elmsford, NY 10523, USA
- Mater. Sci. & Eng. (Switzerland)** — (MSCEAA)
Material Science and Engineering Elsevier Sequoia S.A., P.O. Box 851, 1001-Lausanne 1, Switzerland
- Mater. Sci. (Poland)**
Materials Science Wydawnictwo Politechniki Wroclawskiej, Wybreze Wyspiarskiego 27, 50-370 Wroclaw, Poland
- Mater. Semin. Kibernet. (USSR)** — (MSKBA7)
Materialy Seminara po Kibernetike Izdatel'stvo 'Shtiintsa', Kishinev, USSR
- Mater. Test. (Germany)** — (MTPRAJ)
Materials Testing VDI-Verlag GmbH, Graf-Recke-Strasse 84, Postfach 1139, 4 Dusseldorf 1, Germany
- Math. & Comput. Simulation (Netherlands)** — (MCSIDR)
Mathematics and Computers in Simulation Formerly: *Trans. Int. Assoc. Math. & Comput. Simulation* (Belgium) North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Math. Balk. (Yugoslavia)** — (MTMBBP)
Mathematica Balkanica Beograd, pp 550, Studentski trg 16, Yugoslavia
- Math. Biosci. (USA)** — (MABIAR)
Mathematical Biosciences Elsevier North-Holland Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA
- Math. Comput. (USA)** — (MCMPAF)
Mathematics of Computation Published for the National Academy of Sciences—National Research Council by the American Mathematical Society, P.O. Box 6248, Providence, RI 02904, USA
- Math. Oper. Res. (USA)** — (MOREDQ)
Mathematics of Operations Research Operations Research Society of America, Business Office, 428 East Preston Street, Baltimore, MD 21202, USA. The Institute of Management Sciences, 146 Westminster Street, Providence, RI 02903
- Math. Operationsforsch. & Stat. (Germany)** — (MTOSBI)
Mathematische Operationsforschung und Statistik Title changed to: *Math. Operationsforsch. & Stat. Ser. Stat. (Germany)*
- Math. Operationsforsch. & Stat. Ser. Optimiz. (Germany)**
Mathematische Operationsforschung und Statistik Series Optimization Akademie-Verlag, DDR-108 Berlin, Leipziger Strasse 3-4, Germany
- Math. Operationsforsch. & Stat. Ser. Stat. (Germany)** — (MOSSDS)
Mathematische Operationsforschung und Statistik Series Statistics Formerly: *Math. Operationsforsch. & Stat. (Germany)* Akademie-Verlag, DDR-108 Berlin, Leipziger Strasse 3-4, Germany
- Math. Proc. Cambridge Philos. Soc. (GB)** — (MPCPCO)
Mathematical Proceedings of the Cambridge Philosophical Society Cambridge University Press, Bentley House, 200 Euston Road, London, NW1 2DB, England
- Math. Program. (Netherlands)** — (MHPGA4)
Mathematical Programming North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Math. Program. Stud. (Netherlands)** — (MPSTDF)
Mathematical Programming Studies North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Math. Slovaca (Czechoslovakia)** — (MASLDM)
Mathematica Slovaca Publishing House VEDA of the Slovak Academy of Sciences, 895 30 Bratislava, Klemensova 19, Czechoslovakia
- Math. Spectrum (GB)** — (MSPEB8)
Mathematical Spectrum Applied Probability Trust. Editorial address: Hicks Building, The University, Sheffield, S3 7RH, England
- Math. Syst. Theory (USA)** — (MASTBA)
Mathematical Systems Theory Springer Verlag New York, 175 Fifth Avenue, New York, NY 10010, USA
- Matrix & Tensor Q. (GB)** — (MATQA5)
Matrix and Tensor Quarterly Tensor Society of Great Britain, The Lyon Playfair Library, Imperial College, London, SW7 2AZ, England
- Meas. & Control (GB)** — (MEACBX)
Measurement and Control Institute of Measurement & Control, 20 Peel Street, London, W8 7PD, England
- Meas. Tech. (USA)** — (MSTCAL)
Measurement Techniques [Translation of: *Izmer. Tekh. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Meccanica (Italy)** — (MECCB9)
Meccanica Pitagora Editrice, via Zamboni 57, Bologna, Italy
- Mech. & Mach. Theory (GB)** — (MHMTAS)
Mechanism and Machine Theory Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Mech. Autom. Adm. (Czechoslovakia)** — (MAUAAU)
Mechanizace Automatizace Administrativy SNITL, 113 02 Praha 1, Spalena 51, Czechoslovakia
- Mech. Eng. (USA)** — (MEENAH)
Mechanical Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA
- Mech. Res. Commun. (GB)** — (MRCOD2)
Mechanics Research Communications Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Mech. Teor. & Stosow. (Poland)** — (MTYSAX)
Mechanika Teoretyczna i Stosowana Polska Akademia Nauk, 00-049 Warszawa, Ul. Swietokrzyska 21, Poland
- Med. & Biol. Eng. & Comput. (GB)** — (MBECDY)
Medical & Biological Engineering & Computing Formerly: *Med. & Biol. Eng. (GB)* Peter Peregrinus Ltd., P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England
- Med. & Biol. Eng. (GB)** — (MBENAU)
Medical and Biological Engineering Title changed to: *Med. & Biol. Eng. & Comput. (GB)*
- Med. Inf. (GB)** — (MINFDZ)
Medical Informatics - Medecine et Informatique Taylor & Francis Ltd., 10-14 Macklin Street, London WC2B 5NF, England
- Med. Instrum. (USA)** — (MLISBY)
Medical Instrumentation Association for the Advancement of Medical Instrumentation, 1901 North Fort Myer Drive, Suite 602, Arlington, VA 22209, USA
- Med. Phys. (USA)** — (MPHYA6)
Medical Physics Published for the American Association of Physicists in Medicine by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Med. Prog. Technol. (Germany)** — (MDPTBG)
Medical Progress Technology Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany
- Med. Res. Eng. (USA)** — (MDREBF)
Medical Research Engineering Medical-Research-Technology, Woods Road, Great Notch, Little Falls, NJ 07424, USA
- Med. Tekh. (USSR)** — (MEDTBV)
Meditsinskaya Tekhnika Editorial address: All-Union Scientific-Research Institute of Medical Instruments, Moscow, USSR [English translation in: *Biomed. Eng. (USA)*]
- Meded. K. Acad. Wet. Lett. & Schone Kunsten Belg. (Belgium)** — (MKAWAW)
Mededelingen van de Koninklijke Academie voor Wetenschappen, Letteren en Schone Kunsten van België Paleis der Academien, Hertogstraat 1, Bruxelles, Belgium
- Medicamundi (Netherlands)** — (MEMUAA)
Medicamundi Philips Gloeilampenfabrieken, Eindhoven, Netherlands
- Medicor News (Hungary)** — (MENED4)
Medicor News P.O. Box 150, H-1389 Budapest, Hungary
- Meiden Rev. (Int. Ed.) (Japan)** — (MREVDX)
Meiden Review (International Edition) Meidensha Electric Manufacturing Co. Ltd., New Ohtemachi Building, 2-1, 2-chome, Ohte-machi, Chiyoda-ku, Tokyo, Japan
- Mekh. & Avtom. Proizvod. (USSR)** — (MAVPAC)
Mekhanizatsiya i Avtomatizatsiya Proizvodstva Editorial address: Moskva K51, Tuonya ul. d 17, USSR
- Mekh. & Avtom. Upr. (USSR)** — (MAUPA7)
Mekhanizatsiya i Avtomatizatsiya Upravleniya Editorial address: 252171 Kiev, ul. Gor'kogo 180, USSR
- Mekh. Polim. (USSR)** — (MKPLA6)
Mekhanika Polimerov Latvian Academy of Sciences, Riga, USSR [English translation in: *Polym. Mech. (USA)*]
- Mekh. Tverd. Tela (USSR)** — (MTVTBM)
Mekhanika Tverdogo Tela Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Mem. Chubu Inst. Technol. (Japan)** — (CHUMA5)
Memoirs Chubu Institute of Technology Publications Office, Chubu Institute of Technology, Kasugai, Nagoya-sub, 487, Japan
- Mem. Def. Acad. (Japan)** — (MDPCA)
Memoirs of the Defense Academy Defense Academy, Hashirimizv 1-10-20, Yokosuka 239, Japan
- Mem. Fac. Eng. Hiroshima Univ. (Japan)** — (MFEHA6)
Memoirs of the Faculty of Engineering, Hiroshima University 3-chome Sendamachi, Hiroshima City, Japan
- Mem. Fac. Eng. Hokkaido Univ. (Japan)** — (MEHUAJ)
Memoirs of the Faculty of Engineering, Hokkaido University, North 12, West 8, Sapporo, Japan
- Mem. Fac. Eng. Kobe Univ. (Japan)** — (MFEKAF)
Memoirs of the Faculty of Engineering, Kobe University Rokkodai-cho, Nada-ku, Kobe, Japan
- Mem. Fac. Eng. Kumamoto Univ. (Japan)** — (MEKMAA)
Memoirs of the Faculty of Engineering Kumamoto University University of Kumamoto, Faculty of Engineering, Kumamoto, Japan
- Mem. Fac. Eng. Kyoto Univ. (Japan)** — (MEKYAC)
Memoirs of the Faculty of Engineering, Kyoto University Kyoto, Japan
- Mem. Fac. Eng. Kyushu Univ. (Japan)** — (MEKSAS)
Memoirs of the Faculty of Engineering, Kyushu University Fukuoka, Kyushu, Japan
- Mem. Fac. Eng. Nagoya Univ. (Japan)** — (MENAA)
Memoirs of the Faculty of Engineering, Nagoya University Furo-cho, Chikusa-ku, Nagoya, Japan
- Mem. Fac. Eng. Osaka City Univ. (Japan)** — (MFEOAR)
Memoirs of the Faculty of Engineering, Osaka City University 459 Sugimoto-cho, Sumiyoshi-kum, Osaka, Japan
- Mem. Fac. Ind. Arts Kyoto Tech. Univ. Sci. & Technol. (Japan)** — (MIAKAG)
Memoirs of the Faculty of Industrial Arts, Kyoto Technical University. Science and Technology Matsugasaki, Sakyo-ku, Kyoto 606, Japan
- Mem. Fac. Sci. Kyoto Univ. Ser. Phys. Astrophys. Geophys. Chem. (Japan)** — (MFKPAQ)
Memoirs of the Faculty of Science Kyoto University, Series of Physics, Astrophysics, Geophysics and Chemistry Kitashirakawa, Sakyo Ku, Kyoto, Japan
- Mem. Fac. Sci. Kyushu Univ. Ser. B (Japan)** — (MFKBAI)
Memoirs of the Faculty of Science, Kyushu University, Series B Fukuoka, Kyushu, Japan
- Mem. Fac. Sci. Kyushu Univ. Ser. C (Japan)** — (MFKCAL)
Memoirs of the Faculty of Science, Kyushu University, Series C Fukuoka, Kyushu, Japan
- Mem. Fac. Technol. Kanazawa Univ. (Japan)** — (KDKOAL)
Memoirs of the Faculty of Technology, Kanazawa University Kanazawa, Japan
- Mem. Fac. Technol. Tokyo Metropol. Univ. (Japan)** — (MTTMAO)
Memoirs of Faculty of Technology, Tokyo Metropolitan University Fukazawa 2-1-1, Setagaya, Tokyo, Japan
- Mem. Kyushu Inst. Technol. Eng. (Japan)** — (MKIEBJ)
Memoirs of the Kyushu Institute of Technology. Engineering Tobata, Kitakyushu, Japan
- Mem. R. Astron. Soc. (GB)** — (MRYAAX)
Memoirs of the Royal Astronomical Society Burlington House, London, W1V 0NL, England
- Mem. Res. Inst. Sci. & Eng. Ritsumeikan Univ. (Japan)** — (RDRKAJ)
Memoirs of the Research Institute of Science & Engineering Ritsumeikan University Kyoto, Japan
- Mem. Sci. Rev. Metall. (France)** — (MRMTAU)
Memoires Scientifiques de la Revue de Metallurgie 5 Rue Paul Cezanne, 75008 Paris, France

- Mem. Soc. Astron. Ital. (Italy)** — (MSATAB)
Memorie della Societa Astronomica Italiana Osservatorio Astronomico di Brera, Via Brera 28, 20121 Milano, Italy
- Mem. Soc. R. Sci. Liege 4 (Belgium)** — (MSRLA4)
Memoires de la Societe Royal des Sciences de Liege. Collection in-4 L'Universite, 7 Place du 20 Aout, Liege, Belgium
- Mem. Soc. R. Sci. Liege 8 (Belgium)** — (MSRLA2)
Memoires de la Societe Royal des Sciences de Liege. Collection in-8 L'Universite, 7 Place du 20 Aout, Liege, Belgium
- Mercury (USA)** — (MRCYAT)
 Mercury Astronomical Society of the Pacific, 1244 Noriega Street, San Francisco, CA 94122, USA
- Mereni a Regulace (Czechoslovakia)** — (MERRAQ)
Mereni a Regulace Research Institute for Automation Systems Pluku 12a, Praha 8-Karlin, Czechoslovakia
- Meres & Autom. (Hungary)** — (MEAUAI)
Meres es Automatika Lapkiado Vallalat, 1073 Budapest, Lenin-Korut 9-11, Hungary
- Mes. Regul. Autom. (France)** — (MRAUA7)
Mesures, Regulation, Automatisme 40 rue de Colisee, 75008 Paris, France
- Mess. & Pruef. (Germany)** — (MSPNBZ)
Messen & Pruefen Hans Holzman Verlag KG, 8939 Bad Worishofen, Gewerbestrasse 2, Postfach 460 und 480, Germany
- Mess. & Zaehlen Regist. (Germany)** — (MZRGA4)
Messen & Zahlen Registrieren kontrol Elektronik GmbH, 8051 Eching bei Munchen, Industriegebiet 1, Germany
- Mess. Steuern Regeln mit Automatisierungsprax. (Germany)** — (MSRGAN)
Messen Steuern Regeln mit Automatisierungspraxis Title changed to: *MSR (Mess. Steuern Regeln) (Germany)*
- Met. & Mater. (GB)** — (MEMTA7)
Metals and Materials Metals Society, 1 Carlton House Terrace, London, SW1Y 5DB, England
- Met. Forum (Australia)**
Metals Forum Formerly: *J. Australas. Inst. Met. (Australia)* Published for the Australasian Institute of Metals by: Pergamon Press Australia, 19a Boundary Street, Rushcutters Bay, N.S.W. 2011, Australia
- Met. Sci. & Heat Treat. (USA)** — (MHTRAN)
Metal Science and Heat Treatment [Translation of: *Metalloved. & Term. Obrab. Met. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Met. Sci. (GB)** — (METSC7)
Metal Science Metals Society, 1 Carlton House Terrace, London, SW1Y 5DB, England
- Metal. & Electr. (Spain)** — (MYELAF)
Metalurgia y Electricidad Apartado 756, Madrid, Spain
- Metall. Trans. A (USA)** — (MTTABN)
Metallurgical Transactions A (Physical Metallurgy and Materials Science) Metallurgical Society of American Institute of Mining, Metallurgical & Petroleum Engineers Inc., P.O. Box 430, 420 Commonwealth Drive, Warrendale, PA15086, USA
- Metall. Trans. B (USA)** — (MTTBCR)
Metallurgical Transactions B (Process Metallurgy) Metallurgical Society of American Institute of Mining, Metallurgical and Petroleum Engineers, 345 East 47th Street, New York, NY 10017, USA
- Metallofizika, Kiev (USSR)** — (MFIZAC)
Metallofizika Izdatel'stvo 'Naukova Dumka', Kiev, Ul. Repina 3, USSR
- Metallography (USA)** — (MEIJAP)
Metallography Elsevier North-Holland Inc., 52 Vanderbilt Avenue, New York, NY 10017, USA
- Metalloved. & Term. Obrab. Met. (USSR)** — (MTOMAX)
Metallovedeni i Termicheskaya Obrabotka Metallov Moskva, GSP-110, Prospekt Mira 106, USSR [English translation in: *Met. Sci. & Heat Treat. (USA)*]
- Metalwork. Prod. (GB)** — (MWPDAW)
Metalworking Production Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London SE18 6QH, England
- Meteoritics (USA)** — (MERTAW)
Meteoritics Published jointly by The Meteoritical Society and Arizona State University Bureau of Publications, USA. Editorial address: Center for Meteorite Studies, Arizona State University, Tempe, Ariz. 85281
- Meteorol. & Gidrol. (USSR)** — (MEGIAC)
Meteorologiya i Gidrologiya 123376 Moskva, D-376, Bol'shevistskaya Ul., D.13 Komn. 114, USSR [English translation in: *Sov. Meteorol. & Hydrol. (USA)*]
- Meteorol. Ann. (Norway)** — (MEANAV)
Meteorologiske Annaler Norske Meteorologiske Institutt (i samarbeid med Universitetets Institutt for Teoretisk Meteorologi), Norway
- Meteorol. Mag. (GB)** — (MTMGA5)
Meteorological Magazine Director General Meteorological Office, London Road, Bracknell, Berks RG12 2SZ, England
- Meteorol. Rundsch. (Germany)** — (MERUAZ)
Meteorologische Rundschau Gebr. Borntraeger, D-7000 Stuttgart 1, Johannestrasse 3A, Germany
- Methods Inf. Med. (Germany)** — (MIMCAI)
Methods of Information in Medicine F.K. Schattauer Verlag GmbH, 7 Stuttgart 1, Postfach 2945, Lenzhalde 3, Germany
- Metra (France)** — (MTRAAC)
Metra SEMA (Metra International), 16-18 Rue Barbes, 92128 Montrouge, France
- Metrika (Austria)** — (MTRKA8)
Metrika Physica-Verlag Rudolf Liebing K.G., A-1010 Wien, Seilerstatte 18 (Hofels), Austria
- Metrol. & Insp. (GB)** — (MEOIAI)
Metrology and Inspection IPC Industrial Press Ltd., 33-40 Bowling Green Lane, London, EC1R 0NE, England
- Metrol. Apl. (Rumania)** — (MAPBA8)
Metrologia Aplicata Formerly: *Calitatea Prod. & Metrol. (Rumania)* Editorial address: Institutul National de Metrologie, Sos. Vitan-Birzesti Nr 11, Sector 5, Bucuresti, Rumania
- Metrologia (Germany)** — (MTRGAU)
Metrologia Springer-Verlag, Heidelberger Platz 3, D-1000 Berlin 33, Germany
- Micomp (Switzerland)** — (MCMPDI)
Micomp Drapalik-Verlag, Eichstrasse 24, CH-8045 Zurich, Switzerland
- Microdoc (GB)** — (MICDB6)
Microdoc Microfilm Association of Great Britain, 8, High Street, Guildford GU2 5AJ, England
- Microelectron. & Reliab. (GB)** — (MCRLAS)
Microelectronics and Reliability Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Microelectronics (GB)** — (MICEB9)
Microelectronics Mackintosh Publications Ltd., Victoria House, Victoria Street, Luton, Beds., LU1 5DH, England
- Microform Rev. (USA)** — (MFRVAB)
Microform Review Rogues Ridge, Weston, CT 06880, USA
- Micron (GB)** — (MICNB2)
Micron Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Microprocessors (GB)** — (MCRPD9)
Microprocessors IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Microsc. Acta (Germany)** — (MSACCU)
Microscopica Acta S. Hirzel Verlag, 7 Stuttgart 1, Birkenwaldstrasse 44, Postfach 347, Germany
- Microscope (GB)** — (MICRAD)
Microscope Microscope Publications, 2 McCrone Mews, Belsize Park, London NW3 5BG, England
- Microtecnic (Switzerland)** — (MITCAJ)
Microtecnic Agifa Verlag AG, Universitatstrasse 120, Postfach 257, CH-8033 Zurich, Switzerland
- Microwave J. (USA)** — (MCWJAD)
Microwave Journal 610 Washington Street, Dedham Plaza, Dedham, MA 02026, USA
- Microwave Syst. News (USA)** — (MWSNA9)
Microwave Systems News 3975 East Bayshore Road, Palo Alto, CA 94303, USA
- Microwaves (USA)** — (MCRWAR)
Microwaves Hayden Publishing Co., 50 Essex Street, Rochelle Park, NJ 07662, USA
- Mikroelektronika (USSR)**
Mikroelektronika Akademiya Nauk SSSR, Moskva, USSR [English translation in: *Sov. Microelectron. (USA)*]
- Mil. Electron./Countermeas. (USA)**
Military Electronics/Countermeasures Formerly: *Electron. Electro-Optic Infrared Countermeasures. (USA)* Hamilton Burr Publishing Co., 2065 Martin Avenue, Suite 104, Santa Clara, CA 95050, USA
- Min. Technol. (GB)** — (MNGTB7)
Mining Technology Association of Mining Electrical & Mechanical Engineers Marylebone Press Ltd., 25 Cross Street, Manchester M2 1WL, England
- Mine, Pet. & Gaze (Rumania)** — (MPGADY)
Mine, Petrol si Gaze Bd. Balcescu, Bucuresti, Rumania
- Mini-Micro Syst. (USA)** — (MISYDF)
Mini-Micro Systems Cahners Publishing Co., 270 St. Paul Street, Denver, CO 80206, USA
- Minicomput. Rev. (USA)**
Minicomputer Review GML Corp., 594 Marrett Road, Lexington, MA 02173, USA
- Minor Planet Circ. (USA)** — (MPCIB2)
Minor Planet Circulars Minor Planet Center, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, USA
- Minoseg & Megbizhatosag (Hungary)**
Minoseg es Megbizhatosag Budapest V, Jozsef Attila u. 24, Hungary. Subscription address: Kultura, Budapest 1, Fo u. 32
- Mitsubishi Denki Giho (Japan)** — (MTDNAF)
Mitsubishi Denki Giho Mitsubishi Electric Corp., Mitsubishi Denki Building, Marunouchi, Tokyo 100, Japan
- Mitsubishi Denki Lab. Rep. (Japan)** — (MDLRAN)
Mitsubishi Denki Laboratory Reports Research Laboratory, Mitsubishi Electric Manufacturing Company, Amagasaki, Japan
- Mitsubishi Electr. Adv. (Japan)** — (MEADD4)
Mitsubishi Electric Advance Mitsubishi Electric Corp., Mitsubishi Denki Building, Marunouchi, Tokyo 100, Japan
- Mitsubishi Electr. Eng. (Japan)** — (MTEEB5)
Mitsubishi Electric Engineer Mitsubishi Electric Corp., Mitsubishi Denki Building, Marunouchi, Tokyo 100, Japan
- Mitsui Tech. Rev. (Japan)** — (MIZGAR)
Mitsui Technical Review Mitsui Shipbuilding & Engineering Co. Ltd., 6-4 Tsukiji 5-Chome, Chuo-Ku, Tokyo, Japan
- Mitt. AGEN (Switzerland)** — (AENMAT)
Mitteilungen der Arbeitsgemeinschaft fur Elektrische Nachrichtentechnik der Stiftung Hasler-Werke, Bern Geschäftsstelle der AGEN Institut fur Technische Physik, ETH-Aussenstation, Honggerberg Postfach, 8049 Zurich, Switzerland
- Mitt. Astron. Ges. (Germany)** — (MASGCG)
Mitteilungen der Astronomischen Gesellschaft Astronomisches Institut der Universität Tübingen, Tübingen, Germany
- Mitt. Max-Planck-Ges. (Germany)** — (MMPGA5)
Mitteilungen aus der Max-Planck-Gesellschaft München 1, Residenzstrasse 1a, Eingang Hofgartenstrasse, Postfach 647, Germany
- Mod. Geol. (GB)** — (MOGEB3)
Modern Geology Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Mod. Mach. Shop (USA)** — (MMASAY)
Modern Machine Shop Gardner Publications Inc., 600 Main Street, Cincinnati, OH 45202, USA
- Mod. Mater. Handl. (USA)** — (MMHHA2)
Modern Materials Handling Cahners Publishing Co., 221 Columbus Avenue, Boston, MA 02116, USA
- Mod. Off. & Data Manage. (Australia)** — (MODMDE)
Modern Office & Data Management Rydge Publications Pty. Ltd., 74 Clarence Street, Sydney, N.S.W. 2001, Australia
- Mod. Power & Eng. (Canada)** — (MPENAQ)
Modern Power and Engineering Maclean-Hunter Ltd., 481 University Avenue, Toronto M5W 1A7, Canada
- Mod. Railw. (GB)** — (MORABC)
Modern Railways Ian Allan, Terminal House, Shepperton, Middx., TW17 8AS, England
- Mol. Cryst. & Liq. Cryst. (GB)** — (MCLCA5)
Molecular Crystals and Liquid Crystals Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Mol. Cryst. & Liq. Cryst. Lett. (GB)** — (MCLCA5)
Molecular Crystals and Liquid Crystals Letters Gordon & Breach Science Publishers Ltd. 41 & 42 William IV Street, London, WC2, England
- Mol. Phys. (GB)** — (MOPHAM)
Molecular Physics Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Mon. Not. R. Astron. Soc. (GB)** — (MNRAA4)
Monthly Notices of the Royal Astronomical Society Burlington House, London. W1V 0NL, England

- Mon. Notes Astron. Soc. South Afr. (S. Africa)** — (MASAAK)
Monthly Notes of the Astronomical Society of Southern Africa South African Astronomical Observatory, P.O. Box 9, Observatory, Cape, South Africa
- Mon. Tech. Rev. (Germany)** — (MTCRAM)
Monthly Technical Review VEB Verlag Technik, Oranienburger Strasse 13/14, 102 Berlin, Germany
- Monitor (Australia)** — (MONIDI)
Monitor Institution of Radio & Electronics Engineers Australia, Science Centre, 35-43 Clarence Street, Sydney, NSW 2000, Australia
- Monogr. Res. Inst. Appl. Electr. (Japan)** — (MSHUAF)
Monograph of the Research Institute of Applied Electricity Research Institute of Applied Electricity, Hokkaido University, Sapporo, Japan
- Moon & Planets (Netherlands)**
Moon and the Planets Formerly: *Moon (Netherlands)* D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Moon (Netherlands)** — (MOONB2)
Moon Title changed to: *Moon & Planets (Netherlands)*
- Morsk. Gidrofiz. Issled. (USSR)** — (MGFIBM)
Morskoe Gidrofizicheskoe Issledovaniya Akademiya Nauk UkSSR, Morskoi Gidrofizicheskii Institut, Sevastopol, USSR
- Moscow Univ. Phys. Bull. (USA)** — (MUPBAC)
Moscow University Physics Bulletin [Translation of: *Vestn. Mosk. Univ. Fiz. Astron. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Mot. Ship (GB)** — (MOSHA3)
Motor Ship IPC Business Press Ltd., 40 Bowling Green Lane, London, EC1R 0NE, England
- MSR (Mess. Steuern Regeln) (Germany)** — (MSRGAN)
MSR (Messen Steuern Regeln) Formerly: *Mess. Steuern Regeln mit Automatisierungsprax. (Germany)* VEB Verlag Technik, DDR 102 Berlin, Oranienburger Strasse 13/14, Germany
- MT Meerestechn. (Germany)** — (MRTKA4)
MT Meerestechnik (Marine Technology) Formerly: *Mar. Technol. (Germany)* VDI-Verlag, 4 Dusseldorf 1, Graf-Recke-Strasse 84 Postfach 1139, Germany
- Mullard Tech. Commun. (GB)** — (MUTCAZ)
Mullard Technical Communications Central Technical Services, Mullard Ltd., New Road, Mitcham, Surrey CR4 4XY, England
- Multidisciplinary Res. (USA)** — (MRINCS)
Multidisciplinary Research International Multidisciplinary Research Association, Editorial address: Physiology Section, Blake College, 300 Jefferson Street, Eugene, OR 97403, USA
- Mundo Electron. (Spain)** — (MUELNC)
Mundo Electronico Boixareau Editores, Avida Jose Antonio 594, 2 Barcelona 7, Spain
- N. Z. Energy J. (New Zealand)** — (NZEJDU)
New Zealand Energy Journal Technical Publications Ltd., 127 Molesworth Street, P.O. Box 3047, Wellington, New Zealand
- N. Z. J. Sci. (New Zealand)** — (NZJSAB)
New Zealand Journal of Science Department of Scientific and Industrial Research, Private Bag, Wellington, New Zealand
- N.Z. Eng. (New Zealand)** — (NZENAS)
New Zealand Engineering (Journal of the New Zealand Institution of Engineers) Technical Publications, 4th Floor, Molesworth House, 101 Molesworth Street, GPO Box 12-241, Wellington, New Zealand
- Nachr. Dok. (Germany)** — (NADOAW)
Nachrichten für Dokumentation Deutsche Gesellschaft für Dokumentation, 6000 Frankfurt am Main, Westendstrasse 19, Germany
- Nachr. Elektron. (Germany)** — (NAELDV)
Nachrichten Elektronik Elektro-Welt-Verlag Dr. Huthig, D-6900 Heidelberg 1, Postfach 102869, Wilckensstrasse 3/5, Germany
- Nachr. Telefonbau & Normalzeit (Germany)** — (NTNZAA)
Nachrichten der Telefonbau und Normalzeit Postfach 2369, 6 Frankfurt am Main 1, Germany
- Nachrichtentechn. Elektron. (Germany)** — (NTELAP)
Nachrichtentechnik Elektronik VEB Verlag Technik, DDR 102 Berlin, Oranienburger Strasse 13/14, Germany
- Nachrichtentechn. Z. (NTZ) (Germany)** — (NAZEAA)
Nachrichtentechnische Zeitschrift VDE-Verlag GmbH, Bismarckstrasse 33, 1000 Berlin 12, Germany
- Nat. Resour. Forum (Netherlands)** — (NRSFAT)
Natural Resources Forum D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Natl. Acad. Sci. Lett. (India)**
National Academy Science Letters National Academy of Sciences, India, 5-Lajpat Rai Road, Allahabad 21 10 02, India
- Natl. Electron. Rev. (GB)** — (NEREBX)
National Electronics Review National Electronics Council, Abell House, John Islip Street, London, SW1P 4LN, England
- Natl. Tech. Rep. (Japan)** — (NTROAV)
National Technical Report Matsushita Electric Ind. Co., 1006 Kadoma, Osaka, Japan
- Nature (GB)** — (NATUAS)
Nature MacMillan (Journals) Ltd., 4 Little Essex Street, London, WC2R 3LF, England
- Naturwissenschaften (Germany)** — (NATWAY)
Die Naturwissenschaften Springer-Verlag, Heidelberger Platz 3, 1 Berlin 33, Germany
- Nauchno-Tekh. Inf. Ser. 1 (USSR)** — (NTOMAA)
Nauchno-Tekhnicheskaya Informatsiya, Seriya 1 Baltiiskaya ul., d. 14, Moskva, A-219, USSR
- Nauchno-Tekh. Inf. Ser. 2 (USSR)** — (NIPSBP)
Nauchno-Tekhnicheskaya Informatsiya, Seriya 2 Baltiiskaya ul., d. 14, Moskva, A-219, USSR
- Nauk. & Inf. (USSR)** — (NVIFB8)
Naukovedenie i Informatika Igdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Nav. Archit. (GB)** — (NVARA3)
Naval Architect Royal Institution of Naval Architects, 10 Upper Belgrave Square, London, SW1X 8BQ, England
- Nav. Res. Logist. Q. (USA)** — (NRLQAR)
Naval Research Logistics Quarterly Office of Naval Research, Arlington, VA 22217, USA. Subscription address: Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402
- Nav. Res. Rev. (USA)** — (NARRA9)
Naval Research Reviews Department of the Navy, Office of Naval Research, Arlington, VA 22217, USA
- Navigation (France)** — (NVGNAL)
Navigation Institut Francaise de Navigation, 3 avenue Octave-Greard, Paris 7, France
- Navigation (USA)** — (NAVIB3)
Navigation Journal of the Institute of Navigation Suite 832, 815 15th Street, N.W., Washington, DC 20005, USA
- NDT Int. (GB)** — (NDETA5)
NDT International IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- NEC Res. & Dev. (Japan)** — (NECRAU)
NEC Research and Development Nippon Electric Co., 7-15 Shiba Gochome, Minato-ku, Tokyo, Japan
- Ned. Tijdschr. Natuurkd. (Netherlands)** — (NTNKAX)
Nederlands Tijdschrift voor Natuurkunde Title changed to: *Ned. Tijdschr. Natuurkd. A (Netherlands)*
- Ned. Tijdschr. Natuurkd. A (Netherlands)** — (NTNAD6)
Nederlands Tijdschrift voor Natuurkunde A Formerly: *Ned. Tijdschr. Natuurkd. (Netherlands)* Nederlandse Natuurkundige Vereniging, Princetonplein 5, Utrecht, Netherlands
- NEI Rev. (GB)**
NEI Review Formerly: *Reyrolle Parsons Rev. (GB)* Northern Engineering Industries Ltd., Hebburn, Tyne & Wear NE31 1UP, England
- Network (USA)** — (NWRKA6)
Network International Communications in Library Automation Association for Library Automation Research Communications, P.O. Box 27235, Tempe, AZ 85282, USA. Larc Press Ltd., 105-117 West Fourth Avenue, Peoria, IL 61602
- Networks (USA)** — (NTWCAA)
Networks Interscience Publishers, 605 Third Avenue, New York, NY 10016, USA
- Neue Tech. (Switzerland)** — (NETEA8)
Neue Technik Verlag Neue Technik AG, Tiefenhofe 11, Paradeplatz, 8001 Zurich, Switzerland
- Neue Tech. Buero (Germany)** — (NTBUB4)
Neue Technik im Buero (Journal of Data Processing and Office Machines) VEB Verlag Technik, 102 Berlin, Oranienburger Strasse 13-14, Germany
- New Electron. (GB)** — (NWEELAC)
New Electronics Juniper Journals Ltd., 49/50 Hatton Garden, London, EC1N 8XS, England
- New Phys. (Korean Phys. Soc.)** — (NWPYA4)
New Physics (Korean Physical Society) Seoul, Korea
- New Sci. (GB)** — (NWSICAL)
New Scientist New Science Publications, 128 Long Acre, London, WC2E 9QH, England
- News Rohde & Schwarz (Germany)** — (NROSAE)
News from Rohde und Schwarz Rohde und Schwarz, Muhlendorfstrasse 15, Postfach 801469, 8000 Munchen 80, Germany
- NHK Lab. Note (Japan)** — (NHKLA5)
NHK Laboratories Note Nippon Hoso Kyokai, 1-10-11 Kinuta, Setagaya-ku, Tokyo, Japan
- NHK Tech. J. (Japan)** — (NHKTAT)
NHK Technical Journal NHK Technical Research Laboratories, Broadcasting Science Research Laboratories, 1-10-11 Kinuta, Setagaya-ku, Tokyo, Japan
- NHK Tech. Monogr. (Japan)** — (NHOKAM)
NHK Technical Monograph Nippon Hoso Kyokai (Japan Broadcasting Corporation), 361 Kinuta-machi, Setagaya-ku, Tokyo, Japan
- Noise Control Eng. (USA)** — (NCEGAR)
Noise Control Engineering Institute of Noise Control Engineering. Editorial address: Ray W. Herrick Laboratories, Purdue University, West Lafayette, IN 47907, USA
- Noise Control Vib. & Insul. (GB)** — (NCVIDJ)
Noise Control, Vibration and Insulation Title changed to: *Noise Control Vib. Isol. (GB)*
- Noise Control Vib. Isol. (GB)** — (NCISDI)
Noise Control, Vibration Isolation Formerly: *Noise Control Vib. & Insul. (GB)* Trade & Technical Press Ltd., Crown House, Morden, Surrey, SM4, England
- Nonlinear Anal. Theory, Methods & Appl. (GB)** — (NOANDD)
Nonlinear Analysis Theory, Methods & Applications Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Nonlinear Vibr. Probl. (Poland)**
Nonlinear Vibration Problems (Zagadnienia Drgan Nieliniowych) Formerly: *Zagadnienia Drgan Nieliniowych (Poland)* Editorial address: 00-049 Warszawa, Swietokrzyska 21, Poland
- Norelco Rep. (USA)** — (NORRA5)
Norelco Reporter Philips Electronic Instruments, 750 South Fulton Avenue, Mount Vernon, NY 10550, USA
- NORMA Tech. Inf. (Austria)** — (NRTIBA)
NORMA Technische Informationen NORMA Messtechnik Gesellschaft m.b.H., A-1111 Wien, Postfach 88, Fickeysstrasse 1-11, Austria
- Not. Ist. Autom. Univ. Roma (Italy)** — (NIAUAN)
Notiziario dell'Istituto di Automatica dell'Universita di Roma Universita Degli Studi, Citta Universitaria, Rome, Italy
- Notas Fis. (Brazil)** — (NFBFAU)
Notas de Fisica Centro Brasileiro de Pesquisas Fisicas, Av. Wenceslau Braz 71, Rio de Janeiro, Brazil
- Note Recens. & Not. (Italy)** — (NRNOAV)
Note Recensioni e Notizie Istituto Superiore Poste Telecomunicazioni, Viale Trastevere 189, Roma, Italy
- Notre Dame J. Formal Logic (USA)** — (NDJFAM)
Notre Dame Journal of Formal Logic University of Notre Dame, P.O. Box 5, Notre Dame, IN 46556, USA
- Nouv. J. Chim. (France)** — (NJCHD4)
Nouveau Journal de Chimie CDR Centrale des Revues, 70 rue de Saint-Mande, B.P. No. 119, 93104 Montreuil Cedex, France
- Nouv. Rev. Opt. (France)** — (NVROBC)
Nouvelle Revue d'Optique Title changed to: *J. Opt. (France)*
- NTG-Fachber. (Germany)** — (NTGFDK)
NTG-Fachberichte VDE-Verlag GmbH, 1000 Berlin 12, Bismarckstrasse 33, Germany
- Nucl. Data Sheets (USA)** — (NDTSBA)
Nuclear Data Sheets Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA
- Nucl. Energy (GB)**
Nuclear Energy Formerly: *J. Br. Nucl. Energy Soc. (GB)* British Nuclear Energy Society, 1-7 George Street, London SW1P 3AA, England

- Nucl. Eng. & Des. (Netherlands)** — (NEDEAU)
Nuclear Engineering and Design North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Nucl. Eng. Int. (GB)** — (NEINBF)
Nuclear Engineering International IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England
- Nucl. Fusion (Austria)** — (NUFUUAU)
Nuclear Fusion (Fusion Nucleaire - Yadernyi Sintex - Fusion Nuclear) Journal of Plasma Physics and Thermonuclear Fusion International Atomic Energy Agency, Karnthnering 11, P.O. Box 590, A-1011 Wien, Austria
- Nucl. Instrum. & Methods (Netherlands)** — (NUIMAL)
Nuclear Instruments and Methods North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Nucl. News (USA)** — (NUNWA8)
Nuclear News American Nuclear Society, 244 Ogden Avenue, Hinsdale, IL 60521, USA
- Nucl. Phys. Vol. A (Netherlands)** — (NUPABL)
Nuclear Physics, Volume A North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Nucl. Phys. Vol. B (Netherlands)** — (NUPBBO)
Nuclear Physics, Volume B North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Nucl. Sci. & Eng. (USA)** — (NSENAO)
Nuclear Science and Engineering. Journal of the American Nuclear Society American Nuclear Society, 244 East Ogden Avenue, Hinsdale, IL 60521, USA
- Nucl. Technol. (USA)** — (NUTYBB)
Nuclear Technology American Nuclear Society, 244 East Ogden Avenue, Hinsdale, IL 60521, USA
- Nucl. Track Detect. (GB)** — (NTDED2)
Nuclear Track Detection Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Nucleus (Pakistan)** — (NCLEAM)
Nucleus Pakistan Atomic Energy Commission, P.O. Box 3112, Karachi-29, Pakistan
- Nukleonika (Poland)** — (NUKLAS)
Nukleonika Polska Akademia Nauk, 00-901 Warszawa, Polac Kultury i Nauki, Poland
- Numer. Math. (Germany)** — (NUMMA7)
Numerische Mathematik Springer-Verlag, 1 Berlin 33, Heidelberger Platz 3, Germany
- Nuovo Cimento A (Italy)** — (NIFAAM)
Il Nuovo Cimento. A Societa Italiana di Fisica Publication address: Via Degli Andalò 2, 40124 Bologna, Italy
- Nuovo Cimento B (Italy)** — (NIFBAP)
Il Nuovo Cimento. B Societa Italiana di Fisica Publication address: Via Degli Andalò 2, 40122 Bologna, Italy
- Nuovo Cimento C (Italy)**
Il Nuovo Cimento C Societa Italiana di Fisica Publication address: Via Degli Andalò 2, 40122 Bologna, Italy
- Observatory (GB)** — (OBSEAR)
Observatory Royal Greenwich Observatory, Herstmonceux Castle, Hailsham, Sussex BN27 1RP, England
- Occup. Health & Saf. (USA)** — (OHSADQ)
Occupational Health and Safety Medical Publications Inc., P.O. Box 7573, Waco, TX 76710, USA
- Ocean Eng. (GB)** — (OCENBO)
Ocean Engineering Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Oceanol. Acta (France)**
Oceanologica Acta Centrale des Revues Dunod-Gauthier-Villars, 70 rue de Saint-Mande, B.P. 119, 93104 Montreuil Cedex, France
- Oceanology (USA)** — (ONLGAE)
Oceanology [Translation of: *Okeanologiya* (USSR)] American Geophysical Union, 1909 K Street, N.W., Washington, DC 20036, USA
- Oelhydraul. & Pneum. (Germany)** — (OEPNAQ)
Olhydraulik und Pneumatik Krauskopf-Verlag fur Wirtschaft GmbH, Lessingstrasse 12-14, Postfach 2760, 65 Mainz, Germany
- OEM Des. (GB)** — (OEMDAF)
OEM Design Mercury House Business Publications, Mercury House, Waterloo Road, London, SE1 8UL, England
- Oesterr. Ing.-Z. (Austria)** — (OSIZAN)
Osterreichische Ingenieur-Zeitschrift Springer-Verlag, Molkerbastei 5, Postfach 367, A-1011 Wien, Austria
- Oesterr. Z. Elektrizitaetswirtsch. (OEZE) (Austria)** — (OZELAA)
Osterreichische Zeitschrift fur Elektrizitaetswirtschaft Springer-Verlag, Molkerbastei 5, Postfach 357, A 1011 Wien, Austria
- Offshore Serv. (GB)** — (OFSVA4)
Offshore Services Spearhead Publications Ltd., 55-59 Fife Road, Kingston-upon-Thames, Surrey, England
- Ogneupory (USSR)** — (OGNPA2)
Ogneupory Moskva G-34, 2-i, Obi'denskii, rep. 14, USSR [English translation in: *Refractories* (USA)]
- Okeanologiya (USSR)** — (OKNOAR)
Okeanologiya 2 ya Tilografiya Iadatelstva 'Nauka', Moskva, Shchybiiskii lep. 10, USSR [English translation in: *Oceanology* (USA)]
- Omega (GB)** — (OMEGA6)
Omega Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Onde Electr. (France)** — (ONELAS)
L'Onde Electrique Masson et Cie, 120 bd. Saint-Germaine, 75280 Paris Cedex 06, France
- Online (Germany)** — (ONLNAZ)
Online Verlagsgesellschaft Rudolf Muller, 5 Koln 41, Postfach 410949, Stolberger Strasse 84, Germany
- Online (USA)** — (ONLIDN)
Online Online Inc., Department 1A, 11 Tannery Lane, Weston, CT 06883, USA
- Online Rev. (GB)** — (OLREDR)
Online Review Learned Information (Europe) Ltd., Woodside, Hinksey Hill, Oxford OX1 5BP, England
- Online-ADL-Nachr. (Germany)** — (OANADK)
Online-ADL-Nachrichten Formerly: *ADL-Nachr. (Germany)* Verlagsgesellschaft Rudolf Muller GmbH & Co., Stolberger Strasse 84, 5000 Koln 41, Germany
- Open (Netherlands)** — (OPNNBO)
Open N.V. Uitgeversmaatschappij AE. E. Kluwer, Postbus 23, Deventer, Netherlands
- Oper. Res. (USA)** — (OPREAI)
Operations Research Operations Research Society of America, 428 East Preston Street, Baltimore, MD 21202, USA
- Oper. Res. Q. (GB)** — (OPROAQ)
Operational Research Quarterly Title changed to: *J. Oper. Res. Soc. (GB)*
- Oper. Res. Verfahren-Methods Oper. Res. (Germany)** — (ORVEAI)
Operations Research Verfahren-Methods of Operations Research Verlag Anton Hain K.G., Meisenheim am Glan, Germany
- Oper. Syst. Rev. (USA)** — (OSRED8)
Operating Systems Review Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Opsearch (India)** — (OPSEAN)
Opsearch Operational Research Society of India. Editorial address: Defence Science Laboratory, Metcalfe House, Delhi-110054, India
- Opt. & Laser Technol. (GB)** — (OLTICAS)
Optics and Laser Technology Formerly: *Opt. Technol. (GB)* IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Opt. & Quantum Electron. (GB)** — (OQELDI)
Optical and Quantum Electronics Chapman and Hall, 11 New Fetter Lane, London, EC4P 4EE, England
- Opt. & Spectrosc. (USA)** — (OPSUA3)
Optics and Spectroscopy [Translation of: *Opt. & Spektrosk. (USSR)*] Optical Society of America, 335 East 45th Street, New York, NY 10017, USA
- Opt. & Spektrosk. (USSR)** — (OSFMA3)
Optika i Spektroskopiya Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: *Opt. & Spectrosc. (USA)*]
- Opt. Acta (GB)** — (OPACAT)
Optica Acta Taylor and Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Opt. Commun. (Netherlands)** — (OPCOB8)
Optics Communications North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Opt. Eng. (USA)** — (OPEGAR)
Optical Engineering Society of Photo-Optical Instrumentation Engineers, P.O. Box 10, 405 Fieldston Road, Bellingham, WA 98225, USA
- Opt. Lett. (USA)** — (OPLEDP)
Optics Letters Published for the Optical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Opt. Pura & Apl. (Spain)** — (OPAPAY)
Optica Pura y Aplicada Serrano 121, Madrid 6, Spain
- Opt. Spectra (USA)** — (OPTSA2)
Optical Spectra Optical Publishing Co., Lenox Road, Pittsfield, MA 01201, USA
- Opt.-Mekh. Prom.-st. (USSR)** — (OPMPAQ)
Optiko-Mekhanicheskaya Promyshlennost Vasilov Optical Research Institute, Kaluzhskoye Chaussee 32, Moskva, USSR [English translation in: *Sov. J. Opt. Technol. (USA)*]
- Optik (Germany)** — (OTIKAJ)
Optik Wissenschaftliche Verlagsgesellschaft, D-7000 Stuttgart 1, Postfach 40, Germany
- Optom. Wkly. (USA)** — (OPWEA9)
Optometric Weekly Professional Press Inc., 101 East Ontario Street, Chicago, IL 60611, USA
- Origins of Life (Netherlands)** — (OGLFAU)
Origins of Life D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- ORSA/TIMS Bull. (USA)** — (TIMBDR)
ORSA/TIMS Bulletin Operations Research Society of America, 428 East Preston Street, Baltimore, MD 21202, USA
- Oss. & Mem. Oss. Astrofis. Arcetri (Italy)** — (OMOAA4)
Osservazioni e Memorie dell'Osservatorio Astrofisico di Arcetri Universita Degli Studi di Firenze, Firenze, Italy
- Otbor & Peredacha Inf. (USSR)** — (OTPIAE)
Otbor i Peredacha Informatsii Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Oxid. Met. (USA)** — (OXMEAF)
Oxidation of Metals Plenum Publishing Corp., 227 West 17th Street, New York, NY 10011, USA
- Oyo Buturi (Japan)** — (OYBSA9)
Oyo Buturi Japan Society of Applied Physics, Room No. 209-2, Kikai-Shinko Building, 3 Shiba-Koen, Minato-ku, Tokyo, Japan
- Pak. J. Sci. & Ind. Res. (Pakistan)** — (PSIRAA)
Pakistan Journal of Scientific and Industrial Research Pakistan Council of Scientific and Industrial Research, 39 Garden Road, Karachi 3, Pakistan
- Pak. J. Sci. (Pakistan)** — (PAJSAS)
Pakistan Journal of Science Pakistan Association for the Advancement of Science, 14 Shah Jamal Scheme, Lahore 12, Pakistan
- Pak. J. Sci. Res. (Pakistan)** — (PJSRAV)
Pakistan Journal of Scientific Research Pakistan Association for the Advancement of Science, 14 Shah Jamal Scheme, Lahore 12, Pakistan
- Pap. Inst. Post Off. Electr. Eng. (GB)** — (PIPEA4)
Institution of Post Office Electrical Engineers, Printed Papers GPO, 2-12 Gresham Street, London, EC2V 7AG, England
- Part. & Nucl. (USA)** — (PANUAK)
Particles and Nuclei Fazl-I-Umar Research Institute Inc., P.O. Box 338, Athens, OH 45701, USA
- Part. Accel. (GB)** — (PLACBD)
Particle Accelerators Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Pattern Recognition (GB)** — (PTNRA8)
Pattern Recognition Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Period Math. Hung. (Hungary)** — (PMHGAW)
Periodica Mathematica Hungarica Akademiai Kiado, Alkotmany U 21, Budapest V, Hungary
- Period. Polytech. Electr. Eng. (Hungary)** — (PPYTA7)
Periodica Polytechnica (Electrical Engineering - Elektrotechnik) Kultura, H-1389 Budapest, P.O.B. 149, Hungary
- Perkin-Elmer NMR Q. (GB)** — (PENQA2)
Perkin-Elmer NMR Quarterly Perkin-Elmer Ltd., Beaconsfield, Bucks, England

- Pers. Comput. World (GB)** — (PCWODU)
Personal Computer World Intra Press, 62A Westbourne Grove, London, W2, England
- Philips J. Res. (Netherlands)**
Philips Journal of Research Formerly: *Philips Res. Rep. (Netherlands)* Philips Research Laboratories, Building WBP, Room No. 42, Eindhoven, Netherlands
- Philips Res. Rep. (Netherlands)** — (PRREA9)
Philips Research Reports Title changed to: *Philips J. Res. (Netherlands)*
- Philips Tech. Rev. (Netherlands)** — (PTREAN)
Philips Technical Review Research Laboratories N.V. Philips Gloeilampenfabrieken, Eindhoven, Netherlands
- Philips Telecommun. Rev. (Netherlands)** — (PTLRAW)
Philips Telecommunication Review Philips' Telecommunicatie Industrie B.V., P.O. Box 82, Hilversum, Netherlands
- Philos. Mag. (GB)** — (PHMAA4)
Philosophical Magazine Taylor and Francis Ltd., 10-14 Macklin Street London, WC2B 5NF, England. Journal split into two parts: *Philos. Mag. A* and *B* (GB)
- Philos. Mag. A (GB)** — (PMAADG)
Philosophical Magazine A (Physics of Condensed Matter, Defects and Mechanical Properties) Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Philos. Mag. B (GB)** — (PMABDJ)
Philosophical Magazine B (Physics of Condensed Matter, Electronic, Optical and Magnetic Properties) Taylor & Francis Ltd., 10-14 Macklin Street, London, WC2B 5NF, England
- Philos. Sci. (USA)** — (PHSCA6)
Philosophy of Science Philosophy of Science Association, 18 Morrill Hall, Department of Philosophy, Michigan State University, East Lansing, MI 48823, USA
- Philos. Trans. R. Soc. London A (GB)** — (PTRMAD)
Philosophical Transactions of the Royal Society of London A (Mathematical and Physical Sciences) 6 Carlton House Terrace, London, SW1Y 5AG, England
- Photogr. Sci. & Eng. (USA)** — (PSENAC)
Photographic Science and Engineering Society of Photographic Scientists and Engineers, Suite 204, 1330 Massachusetts Avenue N.W., Washington, DC 20005, USA
- Photogramm. Eng. & Remote Sensing (USA)** — (PERSDV)
Photogrammetric Engineering and Remote Sensing American Society of Photogrammetry, 105 North Virginia Avenue, Falls Church, VA 22046, USA
- Phys. & Chem. Glasses (GB)** — (PCGLA6)
Physics and Chemistry of Glasses (Section B of the Journal of the Society of Glass Technology) Society of Glass Technology, Thornton, Hallam Gate Road, Sheffield, S10 5BT, England
- Phys. & Chem. Liq. (GB)** — (PCLQAC)
Physics and Chemistry of Liquids Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Phys. Bl. (Germany)** — (PHBLAG)
Physikalische Blätter Physik-Verlag GmbH, D-6940 Weinheim/Bergstrasse, Pappelallee 3, PB 1260-80, Germany
- Phys. Bull. (GB)** — (PHSBB4)
Physics Bulletin Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England
- Phys. Earth & Planet. Inter. (Netherlands)** — (PEPIAM)
Physics of the Earth and Planetary Interiors North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Phys. Educ. (GB)** — (PHEDA7)
Physics Education Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England
- Phys. Energ. Fortis & Phys. Nucl. (China)** — (KNWLD9)
Physica Energetica Fortis et Physica Nuclearis Science Press, Peking, People's Republic of China. Subscription address: Guozo Shudian, P.P. Box 399, Peking
- Phys. Fluids (USA)** — (PFLDAS)
Physics of Fluids American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Phys. Lett. Vol. A (Netherlands)** — (PYLAAG)
Physics Letters. Volume A North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Phys. Lett. Vol. B (Netherlands)** — (PYLBAJ)
Physics Letters. Volume B North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Phys. Med. & Biol. (GB)** — (PHMBA7)
Physics in Medicine and Biology Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England
- Phys. Met. & Metallogr. (GB)** — (PHMMA6)
Physics of Metals and Metallography [Translation of: *Fiz. Met. & Metalloved. (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Phys. Norv. (Norway)** — (PHNOAH)
Physica Norvegica Institute of Physics, University of Oslo, Blindern, per Oslo, Norway
- Phys. Rep. (Netherlands)** — (PRPLCM)
Physics Reports Formerly: *Phys. Rep. Phys. Lett. Sect. C (Netherlands)* North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Phys. Rep. Phys. Lett. Sect. C (Netherlands)** — (PRPLCM)
Physics Reports. Physics Letters Section C Title changed to: *Phys. Rep. (Netherlands)*
- Phys. Rev. A (USA)** — (PLRAAN)
Physical Review A (General Physics) Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Phys. Rev. B (USA)** — (PLRBAQ)
Physical Review B (Solid State) Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Phys. Rev. C (USA)** — (PRVCAN)
Physical Review C (Nuclear Physics) Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Phys. Rev. D (USA)** — (PRVDAQ)
Physical Review D (Particles and Fields) Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Phys. Rev. Lett. (USA)** — (PRLTAO)
Physical Review Letters Published for the American Physical Society by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Phys. Scr. (Sweden)** — (PHSTBO)
Physica Scripta Royal Swedish Academy of Sciences, S-104 05 Stockholm 50, Sweden
- Phys. Status Solidi a (Germany)** — (PSSABA)
Physica Status Solidi (a) Akademie-Verlag, DDR 108 Berlin, Leipziger Strasse 3-4, Germany
- Phys. Status Solidi b (Germany)** — (PSSBBD)
Physica Status Solidi b Akademie-Verlag, DDR 108 Berlin, Leipzigerstrasse 3-4, Germany
- Phys. Teach. (USA)** — (PHTEAH)
Physics Teacher American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Phys. Technol. (GB)** — (PHYTBK)
Physics in Technology Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England
- Phys. Today (USA)** — (PHTOAD)
Physics Today American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Physica A (Netherlands)** — (PHYSAG)
Physica Subscription address: North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Physica B & C (Netherlands)** — (PHBCDQ)
Physica B & C Subscription address: North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Pis'ma v Astron. Zh. (USSR)** — (PAZHDA)
Pis'ma v Astronomicheskie Zhurnal Agent: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Sov. Astron. Lett. (USA)*]
- Pis'ma v Zh. Eksp. & Teor. Fiz. (USSR)** — (PZETAB)
Pis'ma v Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki Formerly: *Zh. Eksp. & Teor. Fiz. Pis'ma v Red. (USSR)* Akademiya Nauk SSSR, Lenin-skii Prospekt 14, Moskva, USSR [English translation in: *JETP Lett. (USA)*]
- Pis'ma v Zh. Tekh. Fiz. (USSR)** — (PZTFDD)
Pis'ma v Zhurnal Tekhnicheskoi Fiziki Izdatel'stvo 'Nauka', Leningrad, USSR [English translation in: *Sov. Tech. Phys. Lett. (USA)*]
- PLA Bull. (USA)** — (PLBABC)
PLA Bulletin Pennsylvania Library Association. Editorial address: Mine Safety Appliances Co., Library, Pittsburgh, PA 15208, USA
- Planet. & Space Sci. (GB)** — (PLSSAE)
Planetary and Space Science Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Planseeber. Pulvermetall. (Austria)** — (PLPUA5)
Planseeberichte für Pulvermetallurgie Postfach 74, 6600 Reutte, Austria
- Plant Eng. (GB)** — (PLEGAA)
Plant Engineer Institution of Plant Engineers, 138 Buckingham Palace Road, London, SW1W 9SG, England. Batiste Publication Ltd., Drummond House, 203-209 Gower Street, London, NW1
- Plasma Phys. (GB)** — (PLPHBZ)
Plasma Physics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Plast. & Rubber (GB)**
Plastics and Rubber Title changed to: *Plast. & Rubber Int. (GB)*
- Plast. & Rubber Int. (GB)** — (PRUID5)
Plastics and Rubber International Formerly: *Plast. & Rubber (GB)* Plastics and Rubber Institute, 11 Hobart Place, London SW1W 0HL, England
- Plast. & Rubber Mater. & Appl. (GB)** — (PLRUDI)
Plastics and Rubber Materials and Applications Published for the Plastics and Rubber Institute by Peter Peregrinus Ltd., P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England
- Plast. & Rubber Process. (GB)** — (PRUPDQ)
Plastics and Rubber Processing Published for the Plastics and Rubber Institute by Peter Peregrinus Ltd., P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England
- Plast. Eng. (USA)** — (PLEGGB)
Plastics Engineering Society of Plastics Engineers Inc., 656 West Putnam Avenue, Greenwich, CT 06830, USA
- Plaste & Kautsch. (Germany)** — (PLKAAM)
Plaste und Kautschuk VEB Deutscher Verlag für Grundstoffindustrie, 7031 Leipzig, Karl-Heine-Strasse 27, Germany
- Plat. & Surf. Finish. (USA)** — (PSFMDH)
Plating and Surface Finishing American Electroplaters' Society Inc., 1201 Louisiana Avenue, Winter Park, FL 32789, USA
- Podstawy Sterowania (Poland)** — (PDSTAT)
Podstawy Sterowania Zakład Systemów Automatyki Kompleksowej PAN, Gliwice, ul. Zwycięstwa 21, Poland
- Pol. Eng. (Poland)** — (PERGAQ)
Polish Engineering Title changed to: *Pol. Mach. Ind. Offers (Poland)*
- Pol. Mach. Ind. Offers (Poland)** — (PMIODU)
Polish Machine Industry Offers Formerly: *Pol. Eng. (Poland)* AGPOL-EXPORTPRESS, 00-008 Warszawa, Marszałowska 124, Poland
- Pol. Tech. Rev. (Poland)** — (PTRWA9)
Polish Technical Review 00-950 Warszawa, Czackiego 3/5, P.O.B. 1004, Poland
- Polim. Tworzywa Wielkocząsteczkowe (Poland)** — (POLIA4)
Polimery Tworzywa Wielkocząsteczkowe Instytut Tworzyw Sztucznych, ul. Rydygiera 8, Warszawa 86, Poland
- Pollut. Eng. (USA)** — (PLENBW)
Pollution Engineering Technical Publishing Co., 35 Mason Street, Greenwich, CT 06830, USA
- Poluprovodn. Tekh. & Mikroelektron. (USSR)** — (PTMUAC)
Poluprovodnikovaya Tekhnika i Mikroelektronika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Polym. Mech. (USA)** — (PLYMAQ)
Polymer Mechanics [Translation of: *Mekh. Polim. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Polym. News (GB)** — (PLYNBU)
Polymer News Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Polym. Sci. USSR (GB)** — (PYSKAN)
Polymer Science U.S.S.R [Translation of: *Vysokomol. Soedin. Ser. A (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Polymer (GB)** — (POLMAG)
Polymer IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England

- Polytech. Tijdschr. Bouwk. Wegen- & Waterbouw (Netherlands)** — (PTAWAQ)
Polytechnisch Tijdschrift Bouwkunde Wegen- en Waterbouw Stam Tijdschriften B.V., Postbus 375, Oranjestraat 8, Den Haag, Netherlands
- Polytech. Tijdschr. Elektrotech. Elektron. (Netherlands)** — (PTEEBR)
Polytechnisch Tijdschrift Elektrotechniek Elektronica Stam Tijdschriften B.V., Postbus 375, Oranjestraat 8, Den Haag, Netherlands
- Polytech. Tijdschr. Procestech. (Netherlands)** — (PTPTBP)
Polytechnisch Tijdschrift Procestechniek Stam Tijdschriften B.V., Postbus 375, Oranjestraat 8, Den Haag, Netherlands
- Polytech. Tijdschr. Werktuigbouw (Netherlands)** — (PTWTAP)
Polytechnisch Tijdschrift Werktuigbouw Stam Tijdschriften B.V., Postbus 375, Oranjestraat 8, Den Haag, Netherlands
- Pomiary Autom. Kontrola (Poland)** — (PAUKAP)
Pomiary Automatyka Kontrola Wydawnictwa Czasopism Technicznych NOT, ul. Cackiego 3/5, Warszawa 1, Poland
- Pop. Comput. (USA)** — (POCODE)
Popular Computing Box 272, Calabasas, CA 91302, USA
- Poroshk. Metall. (USSR)** — (PMANAI)
Poroshkovaya Metallurgiya Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR [English translation in: *Sov. Powder Metall. & Met. Ceram. (USA)*]
- Port. Phys. (Portugal)** — (POPYA4)
Portugaliae Physica Instituto de Alta Cultura, Centros de Estudos de Fisica das Universidades Portuguesas. Rue da Escola Politecnica, Lisboa-2, Portugal
- Post Off. Electr. Eng. J. (GB)** — (POEJA6)
Post Office Electrical Engineers' Journal GPO, 2-12 Gresham Street, London, EC2V 7AG, England
- Post Off. Telecommun. J. (GB)** — (PTLJA8)
Post Office Telecommunications Journal Post Office Central Headquarters, 23 Howland Street, London, W1P 6HQ, England
- Posta & Telecomunicatii (Romania)** — (PSTLBE)
Posta si Telecomunicatii Calea Grivitei Nr. 193 B, Sector 8, Bucuresti, Rumania
- Postepy Astron. (Poland)** — (PYAIAJ)
Postepy Astronomii Export-Import Enterprise "Ruch", ul. Wilcza 46, P.O. Box 154, Warszawa, Poland
- Postepy Fiz. (Poland)** — (PSTFAT)
Postepy Fizyki Polskie Towarzystwo Fizyczne, Reymonta 4, Krakow, Poland
- Powder Metall. (GB)** — (PWMTAU)
Powder Metallurgy Metals Society, 1 Carlton House Terrace, London, SW1Y 5DB, England
- Powder Metall. Int. (Germany)** — (PWMIBW)
Powder Metallurgy International Verlag Schmidt GmbH, D-78 Freiburg, P.O. Box 1722, Germany
- Powder Technol. (Switzerland)** — (POTEBX)
Powder Technology Elsevier Sequoia S.A., P.O. Box 851 1001 Lausanne 1, Switzerland
- Power (USA)** — (POWEAD)
Power McGraw-Hill Inc., 1221 Avenue of the Americas, New York, NY 10020, USA
- Power Eng. (Acad. Sci. USSR) (USA)** — (POENDL)
Power Engineering - Academy of Sciences of the USSR [Translation of: *Izv. Akad. Nauk SSSR Energ. & Transp.*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Power Eng. (USA)** — (POENAI)
Power Engineering Technical Publishing Co., 1301 South Grove Avenue, Barrington, IL 60010, USA
- Pr. Inst. Elektrotech. (Poland)** — (PIELA4)
Prace Instytutu Elektrotechniki Instytut Elektrotechniki, ul. Pozaryskiego 28, Warszawa-Miedzylesie, Poland
- Pr. Inst. Laczności (Poland)** — (PILZAD)
Prace Instytutu Laczności Ul. Szachowa 1, Miedzeszyn, Warszawa, Poland
- Pr. Inst. Masz. Mat. (Poland)** — (PMMTAS)
Prace Instytutu Maszyn Matematycznych Editorial address: Branzowy Osrodek INTE, Warszawa, ul. Krzywickiego 34, Poland. 1976
- Pr. Inst. Tele- & Radiotech. (Poland)** — (PITRAT)
Prace Instytutu Tele- i Radiotechnicznego Ul. Ratuszowa 11, Warszawa, Poland
- Pr. Osrodka Badaw.-Rozwojowego Elektron. Prozniowej (Poland)** — (POBRCH)
Prace Osrodka Badawczo-Rozwojowego Elektroniki Prozniowej Editorial address: 00-241 Warszawa, ul. Długa 44/50, Poland
- Pr. Przem. Inst. Elektron. (Poland)** — (PIEIAI)
Prace Przemysłowego Instytutu Elektroniki Ul. Długa 44/50, Warszawa, Poland
- Pr. Przem. Inst. Telekomun. (Poland)** — (PPITAT)
Prace Przemysłowego Instytutu Telekomunikacji Editorial address: Skrytka Pocztaowa Nr. 7, ul. Poligonowa 30, Warszawa 26, Poland
- Pract. Comput. (GB)**
Practical Computing Which Computer? Ltd., 2 Duncan Terrace, London N1 8NR, England
- Pract. Electron. (GB)** — (PRELBY)
Practical Electronics IPC Magazines Ltd., Oakfield House, Perry Mount Road, Haywards Heath, West Sussex RH16 3DH, England
- Pract. Wireless (GB)** — (PRWIBD)
Practical Wireless IPC Magazines Ltd., Fleetway House, Farringdon Street, London, EC4A 4AD, England
- Prague Bull. Math. Linguist. (Czechoslovakia)** — (PBMLAT)
Prague Bulletin of Mathematical Linguistics Universita Karlova, Praha, Czechoslovakia. Editorial address: Laboratory of Algebraic Linguistics, Praha 1, Malostranske nam. 25
- Prakt. Energiekd. (Germany)** — (PENKAI)
Praktische Energiekunde Technischer Verlag Resch KG, 8032 Grafeling, Postfach 60, Germany
- Prakt. Metallogr. (Germany)** — (PMTLAS)
Praktische Metallographie (Practical Metallography) Dr. Riederer-Verlag GmbH, d-7000 Stuttgart 1, Johannesstrasse 60, Postfach 447, Germany
- Pramana (India)** — (PRAMCI)
Pramana Indian Academy of Sciences, Bangalore 560006, India
- Prib. & Sist. Upr. (USSR)** — (PRSUBT)
Pribory i Sistemy Upravleniya Moscow. IGSP-110, Prospekt Mira 106, Komn. 5, USSR
- Prib. & Tekh. Eksp. (USSR)** — (PRTEAJ)
Pribory i Tekhnika Eksperimenta Agent: Mezhdunarodnaya Kniga Moskva, USSR [English translation in: *Instrum. & Exp. Tech. (USA)*]
- Price Waterhouse Rev. (USA)** — (PWIRBQ)
Price Waterhouse Review Price Waterhouse & Co., 1251 Avenue of the Americas, New York, NY 10020, USA
- Prikl. Geofiz. (USSR)** — (PGVGAQ)
Prikladnaya Geofizika Izdatel'stvo 'Nedra', Moskva, K-12, Tret'yakovskii Proezd 1/19, USSR
- Prikl. Mat. & Mekh. (USSR)** — (PMAMAF)
Prikladnaya Matematika i Mekhanika Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, Agent: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Appl. Math. & Mech. (USA)*]
- Prikl. Mat. & Program. (USSR)** — (PMPGA4)
Prikladnaya Matematika i Programirovanie Izdatel'stvo 'Shtiintsa', Kishinev, USSR
- Prikl. Mekh. (USSR)** — (PKMKAL)
Prikladnaya Mekhanika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR [English translation in: *Sov. Appl. Mech. (USA)*]
- Priroda (USSR)** — (PRIRA3)
Priroda Izdatel'stvo 'Nauka', Moskva G-99, Shubinskii Per. 10, USSR
- Probl. Bioniki (USSR)** — (PBNKAV)
Problemy Bioniki Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Probl. Control & Inf. Theory (Hungary)** — (PUTIAI)
Problems of Control and Information Theory Akademiai Kiado, Budapest 1363, P.O. Box 24, Hungary
- Probl. Inf. & Doc. (Romania)** — (PIDCA6)
Probleme de Informare si Documentare Institutul Central de Documentare Tehnica, Bucuresti, Str. Cosmonautilor nr. 27-29, Sectorul 1, Rumania
- Probl. Inf. Transm. (USA)** — (PRITA9)
Problems of Information Transmission [Translation of: *Probl. Peredachi Inf. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Probl. Kibernet. (USSR)** — (PRKIAK)
Problemy Kibernetiki Izdatel'stvo 'Nauka', Moskva, v-71, Leninskii Prospekt 15, USSR
- Probl. Peredachi Inf. (USSR)** — (PPDIA5)
Problemy Peredachi Informatsii Moskva. E-24, Aviamotornaya 8, Korp. 2, USSR [English translation in: *Probl. Inf. Transm. (USA)*]
- Probl. Prochn. (USSR)** — (PPCNBG)
Problemy Prochnosti Editorial address: Academy of Sciences of the Ukrainian SSR, Kiev, USSR [English translation in: *Strength Mater. (USA)*]
- Probl. Tekh. Elektroin. (USSR)** — (PTEDAN)
Problemy Tekhnicheskoi Elektrodinamiki Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Proc. Astron. Soc. Aust. (Australia)** — (AAUPBC)
Proceedings of the Astronomical Society of Australia University Grounds, Sydney, N.S.W., Australia
- Proc. Br. Ceram. Soc. (GB)** — (PBRCAR)
Proceedings of the British Ceramic Society Shelton House, Stoke-on-Trent, England
- Proc. Egypt. Acad. Sci. (PEASAB)**
Proceedings of the Egyptian Academy of Sciences 'Dar el Hikma', 42 Qasr el Aini Street, Cairo, Egypt
- Proc. IEEE (USA)** — (IEEPAD)
Proceedings of the IEEE Institute of Electrical and Electronics Engineers, 345 East 47th Street, New York, NY 10017, USA
- Proc. Indian Acad. Sci. Sect. A — (PISAA7)**
Proceedings of the Indian Academy of Sciences Section A Bangalore 560006, India
- Proc. Indian Assoc. Cultiv. Sci. (PICSAF)**
Proceedings of the Indian Association for Cultivation of Sciences Issued with: *Indian J. Phys.*
- Proc. Indian Natl. Sci. Acad. Part A — (PIPSBD)**
Proceedings of the Indian National Science Academy, Part A Bahadur Shah Zafar Marg, New Delhi 1, India
- Proc. Inst. Electr. Eng. (GB)** — (PIEEAH)
Proceedings of the Institution of Electrical Engineers Institution of Electrical Engineers, Savoy Place, London, WC2R 0BL, England
- Proc. Inst. Mech. Eng. (GB)** — (PIMLAA)
Proceedings of the Institution of Mechanical Engineers 1 Birdcage Walk, London, SW1H 9JJ, England
- Proc. Inst. Railw. Signal Eng. (GB)** — (PRWEAY)
Proceedings of the Institution of Railway Signal Engineers Room 534, British Transport Commission, 222 Marylebone Road, London, NW1, England
- Proc. Iowa Acad. Sci. (USA)** — (PIAIA9)
Proceedings of the Iowa Academy of Science University of Iowa, Iowa City, IA 52240, USA
- Proc. Jpn. Acad. (Japan)** — (PJACAW)
Proceedings of the Japan Academy Ueno Park, Tokyo, Japan. Journal split into two series: Proc. Jpn. Acad. Ser. A and B (Japan)
- Proc. Jpn. Acad. Ser. A (Japan)** — (PJAADT)
Proceedings of the Japan Academy, Series A, Mathematical Sciences Ueno Park, Tokyo 110, Japan
- Proc. Jpn. Acad. Ser. B (Japan)** — (PJABDW)
Proceedings of the Japan Academy. Series B, Physical and Biological Sciences Ueno Park, Tokyo 110, Japan
- Proc. K. Ned. Akad. Wet. Ser. B (Netherlands)** — (KNWBAA)
Proceedings, Koninklijke Nederlandse Akademie van Wetenschappen. Series B (Physical Sciences) North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Proc. Leeds Philos. & Lit. Soc. (GB)** — (PIOAAL)
Proceedings of the Leeds Philosophical and Literary Society The University, Leeds, England
- Proc. Natl. Acad. Sci. India Sect. A — (PAIAA3)**
Proceedings of the National Academy of Sciences of India. Section A (Physical Sciences) Lajpatrai Road, Allahabad-2, India
- Proc. Natl. Acad. Sci. USA — (PNASA6)**
Proceedings of the National Academy of Sciences of the United States of America 2101 Constitution Avenue, Washington, DC 20418, USA
- Proc. R. Inst. GB — (PIGBAI)**
Proceedings of the Royal Institution of Great Britain 21 Albemarle Street, London, W1, England
- Proc. R. Ir. Acad. Sect. A (Ireland)** — (PRIAAK)
Proceedings of the Royal Irish Academy, Section A (Mathematical, Astronomical and Physical Science) 19 Dawson Street, Dublin 2, Ireland
- Proc. R. Soc. Edinburgh Sect. A (GB)** — (PREAAY)
Proceedings of the Royal Society of Edinburgh, Section A (Mathematical and Physical Sciences) 22 George Street, Edinburgh, EH2 2PQ, Scotland
- Proc. R. Soc. London Ser. A (GB)** — (PRLAAZ)
Proceedings of the Royal Society of London. Series A (Mathematical and Physical Sciences) 6 Carlton House Terrace, London, SW1Y 5AG, England
- Proc. R. Soc. Victoria (Australia)** — (PRSVAV)
Proceedings of the Royal Society of Victoria Royal Society's Hall, 9 Victoria Street, Melbourne, 3000 Victoria, Australia

Proc. Radio Club Am. (USA) — (PRCAAO)
Proceedings of the Radio Club of America Radio Club of America Inc., Fred Shunaman, 933 East Seventh Street, Plainfield, NJ 07062, USA

Proc. Res. Inst. Atmos. Nagoya Univ. (Japan) — (PATUAG)
Proceedings of the Research Institute of Atmospheric Nagoya University Nagoya University, 13 Honohara, 3 Chrome, Toyokawa 442, Japan

Proc. S.I.D. (USA) — (SIDPAA)
Proceedings of the S.I.D. Formerly: Proc. Soc. Inf. Disp. (USA) Society for Information Display, 654 North Sepulveda Boulevard, Los Angeles, CA90049, USA

Proc. Soc. Inf. Disp. (USA) — (SIDPAA)
Proceedings of the Society for Information Display Title changed to: *Proc. S.I.D. (USA)*

Proc. Univ. Newcastle-upon-Tyne Philos. Soc. (GB) — (PUNSAI)
Proceedings of the University of Newcastle-upon-Tyne Philosophical Society Newcastle-upon-Tyne, England

Process Eng. (GB) — (PSEGAP)
Process Engineering Morgan-Grampian (Publishers) Ltd., Morgan-Grampian House, Calderwood Street, London SE18 6QH, England

Prod. Eng. (USA) — (PENG9)
Production Engineering Formerly: *Automation (USA)* Penton/IPC Inc., Penton Plaza, 1111 Chester Avenue, Cleveland, OH 44144, USA

Prog. Aerosp. Sci. (GB) — (PAESD6)
Progress in Aerospace Sciences Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England

Prog. Biophys. & Mol. Biol. (GB) — (PBIMAC)
Progress in Biophysics & Molecular Biology Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England

Prog. Cryst. Growth & Charact. (GB) — (PCGCDG)
Progress in Crystal Growth and Characterization Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England

Prog. Mater. Sci. (GB) — (PRMSAQ)
Progress in Materials Science Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England

Prog. Nucl. Energy Anal. Chem. (GB) — (PNANAP)
Progress in Nuclear Energy, Analytical Chemistry Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England

Prog. Nucl. Energy New Ser. (GB) — (PNEDE)
Progress in Nuclear Energy, New Series Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England

Prog. Nucl. Magn. Resonance Spectrosc. (GB) — (PNMRAT)
Progress in Nuclear Magnetic Resonance Spectroscopy Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England

Prog. Oceanogr. (GB) — (POCNAS)
Progress in Oceanography Pergamon Press Ltd Headington Hill Hall, Oxford OX3 0BW, England

Prog. Part. & Nucl. Phys. (GB)
Progress in Particle and Nuclear Physics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England

Prog. Polym. Sci. (GB) — (PRPSB8)
Progress in Polymer Science Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England

Prog. Quantum Electron. (GB) — (PQUEAH)
Progress in Quantum Electronics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England

Prog. Solid State Chem. (GB) — (PSSTAW)
Progress in Solid State Chemistry Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England

Prog. Surf. Sci. (GB) — (PSSFBP)
Progress in Surface Science Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England

Prog. Theor. Phys. (Japan) — (PTPKAV)
Progress of Theoretical Physics Research Institute for Fundamental Physics and the Physical Society of Japan. Publication office: Yukawa Hall, Kyoto University, 606 Kyoto, Japan

Prog. Theor. Phys. Suppl. (Japan) — (PTPSAL)
Supplement of the Progress of Theoretical Physics Research Institute for Fundamental Physics and the Physical Society of Japan. Publication Office: Yukawa Hall, Kyoto University, 606 Kyoto, Japan

Program (GB) — (PRGMBD)
Program Aslib, 3 Belgrave Square, London, SW1X 8PL, England

Program. & Comput. Software (USA) — (PCSODA)
Programming and Computer Software [Translation of: *Programmirovaniye (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA

Program. Learn. & Educ. Technol. (GB) — (PLETAF)
Programmed Learning and Educational Technology Kogan Page Ltd., Baulder House, 4 Catherine Street, London, WC2B 4JN, England

Programmirovaniye (USSR) — (PROGD3)
Programmirovaniye Izdatel'stvo 'Nauka', Moskva, USSR [English translation in: *Program. & Comput. Software (USA)*]

Prom. Energ. (USSR) — (PREGAI)
Promyshlennaya Energetika Moskva K-12, Cherkasski per. 2/10, USSR

Przegl. Elektrotech. (Poland) — (PZELAL)
Przegląd Elektrotechniczny Editorial address: Crackiego 3/5, Warszawa, Poland

Przegl. Telekomun. (Poland) — (PZTKAP)
Przegląd Telekomunikacyjny Editorial address: ul. Barbary 2, Warszawa, Poland

PTT-Bedr. (Netherlands) — (PTBDA8)
PTT-Bedrijf Direction Centrale des PTT, 12 Kortenaerkade, Den Haag, Netherlands

Publ. Astron. Soc. Jpn. (Japan) — (PASJAC)
Publications of the Astronomical Society of Japan Tokyo Astronomical Observatory, Mitaka, Tokyo, Japan

Publ. Astron. Soc. Pac. (USA) — (PASPAU)
Publications of the Astronomical Society of the Pacific 1244 Noriega Street, San Francisco, CA 94122, USA

Publ. Dom. Astrophys. Obs. (Canada) — (PDAOAQ)
Publications of the Dominion Astrophysical Observatory, Victoria, British Columbia Dominion Astrophysical Observatory, Victoria, B.C. Canada

Publ. Earth Phys. Branch Dep. Energy Mines & Resour. (Canada) — (PEPBB2)
Publications of the Earth Physics Branch Department of Energy, Mines and Resources Ottawa, Canada

Publ. Elektroteh. Fak. Ser. Elektron. Telekomun. Autom. (Yugoslavia) — (PEFADJ)
Publikacije Elektrotehnickog Fakulteta Serija : Elektronika, Telekomunikacije, Automatika Odsek za Elektroniku, Elektrotehnicki Fakultet, 11001 Beograd, Postanski fah 816, Yugoslavia

Publ. Elektroteh. Fak. Ser. Mat. & Fiz. (Yugoslavia) — (PEUBAQ)
Publikacije Elektrotehnickog Fakulteta. Serija Matematika i Fizika Katedra Matematike, Elektrotehnicki Fakultet, 11001 Beograd, Postanski Fah 816, Yugoslavia

Publ. Inst. R. Meteorol. Belg. Ser. A (Belgium) — (PMBAAI)
Publications, Institut Royal Meteorologique de Belgique. Serie A, format in 4° 3 Avenue Circulaire, Uccle-Bruxelles 1180, Belgium

Publ. Inst. R. Meteorol. Belg. Ser. B (Belgium) — (PMBBAL)
Publications, Institut Royal Meteorologique de Belgique. Serie B, format in 8° 3 Avenue Circulaire, Uccle-Bruxelles 1180, Belgium

Publ. R. Obs. Edinburgh (GB) — (PRYOAG)
Publications of the Royal Observatory Edinburgh Edinburgh EH9 3HJ, Scotland

Public Light. (GB) — (PULIAC)
Public Lighting Association of Public Lighting Engineers, Buckingham Court, 78 Buckingham Gate, London, SW1E 6PF, England

Pulp & Pap. Can. (Canada) — (PPCADD)
Pulp & Paper Canada National Business Publications Ltd., 310 Victoria Avenue, Westmount, PQ, H3Z 2M9, Canada

Pure & Appl. Chem. (GB) — (PACHAS)
Pure and Applied Chemistry Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England

Pure & Appl. Geophys. (Switzerland) — (PAGYAV)
Pure and Applied Geophysics Birkhauser Verlag, CH-4010 Basel, Elizabethenstrasse 19, Switzerland

Q. Appl. Math. (USA) — (QAMAAY)
Quarterly of Applied Mathematics American Mathematical Society, P.O. Box 1571, Providence, RI 02901, USA

Q. Bull. Int. Assoc. Agric. Libr. & Doc. (Netherlands) — (QBALAE)
Quarterly Bulletin of the International Association of Agricultural Librarians and Documentalists Editorial address: "de Hulle", Hullepad 14, Lunteren, Netherlands

Q. Colorado Sch. Mines (USA) — (QCSMAC)
Quarterly of the Colorado School of Mines, Golden, CO 80401, USA

Q. J. Mech. & Appl. Math. (GB) — (QJMMAV)
Quarterly Journal of Mechanics and Applied Mathematics Oxford University Press, Ely House, London, W1, England

Q. J. R. Astron. Soc. (GB) — (QJRAAK)
Quarterly Journal of the Royal Astronomical Society Burlington House, London, W1V 0NL, England

Q. J. R. Meteorol. Soc. (GB) — (QJRMAM)
Quarterly Journal of the Royal Meteorological Society Cromwell House, High Street, Bracknell, Berks, England

Q. Rep. Railw. Tech. Res. Inst. (Japan) — (QRTIA8)
Quarterly Report of the Railway Technical Research Institute Railway Technical Institute, JNR, Kunitachi, P.O. Box 9, Tokyo, Japan

Qual. & Zuverlässigkeit (Germany) — (QLZVAZ)
Qualität und Zuverlässigkeit Carl Hanser Verlag, D-8000 München 80, Kolbergerstrasse 22, Germany

Qual. Assur. (GB) — (QUASDZ)
Quality Assurance Institute of Quality Assurance, 54 Princes Gate, Exhibition Road, London, SW7 2PG, England

Qual. Prog. (USA) — (QUPRB3)
Quality Progress American Society for Quality Control, 161 West Wisconsin Avenue, Milwaukee, WI 53203, USA

Qualite Rev. Prat. Controle Ind. (France) — (RCOIAP)
Qualite Revue Pratique de Controle Industriel Editions Ampere, 46 Rue Ampere, 75017 Paris, France

Quaternary Res. (USA) — (QRESAV)
Quaternary Research Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA

R & D Manage. (GB) — (RDMAAW)
R & D Management Basil Blackwell Publications, 108 Cowley Road, Oxford, OX4 1JF, England

R. Greenwich Obs. Bull. (GB) — (BROYA2)
Royal Greenwich Observatory Bulletins Formerly: *R. Obs. Bull. (GB)* Herstmonceux Castle, Hailsham, East Sussex BN27 1RP, England

R. Obs. Bull. (GB) — (ROBSA6)
Royal Observatory Bulletin Title changed to: *R. Greenwich Obs. Bull. (GB)*

Rad. Zavoda Fiz. (Yugoslavia) — (RZFIA5)
Radovi Zavoda za Fiziku Edicija Zavoda za Fiziku Tehnickih Fakulteta u Beogradu, ul. Ruzveltova 1a/1, Beograd, Yugoslavia

Radiat. & Environ. Biophys. (Germany) — (REBPAT)
Radiation and Environmental Biophysics Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany

Radiat. Eff. (GB) — (RAEFBL)
Radiation Effects Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England

Radiat. Phys. & Chem. (GB) — (RPCHDM)
Radiation Physics and Chemistry Formerly: *Int. J. Radiat. Phys. & Chem. (GB)* Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England

Radiat. Res. (USA) — (RAREAE)
Radiation Research Radiation Research Society, Academic Press Inc., 111 Fifth Avenue, New York, NY 10003, USA

Radiat. Alta Energ. (Italy) — (RDAEAI)
Radiazioni di Alta Energia Via di Villa Ada 24, Roma, Italy

Radio & Electron. Constructor (GB) — (RECNCU)
Radio & Electronics Constructor Data Publications Ltd., 57 Maida Vale, London, W9 1SN, England

Radio & Electron. Eng. (GB) — (RDEEA4)
Radio and Electronic Engineer Institution of Electronic and Radio Engineers, 8-9 Bedford Square, London, WC1B 3RG, England

Radio Commun. (GB) — (RADCB7)
Radio Communication Radio Society of Great Britain, 35 Doughty Street, London, WC1N 2AE, England

Radio Elektron. Schau (Austria) — (RELSAK)
Radio Elektronik Schau Title changed to: *Elektronikschau (Austria)*

Radio Eng. & Electron. Phys. (USA) — (RENPAL)
Radio Engineering and Electronic Physics [Translation of: *Radiotekh. & Elektron. (USSR)*] Scripta Publishing Corp., 1511 K Street N.W., Washington, DC 20005, USA

- Radio Fernsehen Elektron. (Germany)** — (RFELB6)
Radio Fernsehen Elektronik VEB Verlag Technik, Oranienburgerstrasse 13/14, 102 Berlin, Germany
- Radio Ind. (Italy)** — (RAINBV)
Radio Industria Title changed to: *Radioind. Elettron. - Telev. (Italy)*
- Radio Mentor Electron. (Germany)** — (RMELBL)
Radio Mentor Electronic Verlag Walter Regelen, D-1000 Berlin 33, Menzelstrasse 13, Germany
- Radio Sci. (USA)** — (RASCAD)
Radio Science American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
- Radio Telev. (Czechoslovakia)** — (RDTLAW)
Radio Television Administrative Council of the International Radio & Television Organisation (OIRT), 151 13 Prague 5, U Mrazovky 15, Czechoslovakia
- Radio-Electron. (USA)** — (RAECAB)
Radio-Electronics 200 Park Avenue South, New York, NY 10003, USA
- Radio-TV-Electron. (Switzerland)** — (RTESBN)
Radio-TV-Electronic Eichstrasse 24, CH-8045 Zurich, Switzerland
- Radiochem. & Radioanal. Lett. (Switzerland)** — (RRALAZ)
Radiochemical and Radioanalytical Letters Elsevier Sequoia S.A., P.O. Box 851, CH-1001 Lausanne, Switzerland. Akademiai Kiado, Alkotmany U 21, Budapest 5, Hungary
- Radioind. Elettron. - Telev. (Italy)** — (RELTDQ)
Radioindustria Elettronica - Televisione Formerly: *Radio Ind. (Italy)* Franco Angeli Editore, Viale Monza 106, 20127 Milano, Italy
- Radiol. Prot. Bull. (GB)** — (RDPBAG)
Radiological Protection Bulletin National Radiological Protection Board, Harwell, Didcot, Berks, England
- Radiophys. & Quantum Electron. (USA)** — (RPQEAC)
Radiophysics and Quantum Electronics [Translation of: *Izv. VUZ Radiofiz. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Radiotekh. & Elektron. (USSR)** — (RAELA4)
Radiotekhnika i Elektronika Moskva TSP-3, Pr. Karl Marx 18, USSR [English translation in: *Radio Eng. & Electron. Phys. (USA)*]
- Radiotekhnika, Kharkov (USSR)** — (RTKHAI)
Radiotekhnika Izdatel'stvo "Visha Shkola", Khar'kov Gosudarstvennom Universitete, 310003 Khar'kov, USSR
- Radiotekhnika, Moskva (USSR)** — (RATEAO)
Radiotekhnika Editorial Address: 103031 Moskva K31, Kuznetskii Most D 20, USSR [English translation in: *Telecommun. & Radio Eng. Part 2 (USA)*]
- Rail Int. (Belgium)** — (RAIIAF)
Rail International International Railway Congress Association, Rue de France 85, B-1070 Bruxelles, Belgium
- Railw. Age (USA)** — (RAAGA3)
Railway Age Simmons-Boardman Publishing Corp., 508 Birch Street, Bristol, CT 06010, USA
- Railw. Eng. (GB)** — (RAENDD)
Railway Engineer Title changed to: *Railw. Eng. Int. (GB)*
- Railw. Eng. (S. Africa)** — (RANGAY)
Railway Engineering Title changed to: *Railw. South. Afr. (S. Africa)*
- Railw. Eng. Int. (GB)**
Railway Engineer International Formerly: *Railw. Eng. (GB)* Mechanical Engineering Publications Ltd., 1 Birdcage Walk, London SW1H 9JJ, England
- Railw. Gaz. Int. (GB)** — (RWGIAN)
Railway Gazette International IPC Transport Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England
- Railw. South. Afr. (S. Africa)** — (RSAFDR)
Railways Southern Africa Formerly: *Railw. Eng. (S. Africa)* Thomson Publications SA (Pty.) Ltd., P.O. Box 8308, Johannesburg 2000, South Africa
- RAIRO Anal. Numer. (France)** — (RFANDS)
RAIRO Analyse Numerique/Numerical Analysis Centrale des Revues Dunod/Gauthier-Villars, B.P. 119, 93104 Montreuil Cedex, France
- RAIRO Autom./Syst. Anal. & Control (France)** — (RFAADN)
RAIRO Automatique/Systems Analysis and Control Centrale des Revues Dunod/Gauthier-Villars B.P. 119, 93104 Montreuil Cedex, France
- RAIRO Inf./Comput. Sci. (France)** — (RSINDN)
RAIRO Informatique/Computer Science Formerly: *Rev. Fr. Autom. Inf. Rech. Oper. (France)* Centrale des Revues Dunod/Gauthier-Villars, B.P. 119, 93104 Montreuil Cedex, France
- Range (Netherlands)** — (RNVFAM)
Range Philips' Telecommunicatie Industrie BV, Hilversum, Netherlands
- RCA Broadcast News (USA)** — (RCABB3)
RCA Broadcast News RCA Communications Systems Division, Princeton, NJ 08540, USA
- RCA Rev. (USA)** — (RCARCI)
RCA Review Radio Corporation of America, RCA Laboratories Division, Princeton, NJ 08540, USA
- RCA Tech. Not. (USA)** — (RCTNAV)
RCA Technical Notes Radio Corporation of America, Princeton, NJ 08540, USA
- Rec. Electr. & Commun. Eng. Conversazione Tohoku Univ. (Japan)** — (TDDDAI)
Record of Electrical and Communication Engineering. *Conversazione Tohoku University* Tohoku University, Research Institute of Electrical Communication, Sendai, Japan
- Rech. Aersp. (France)** — (REARAU)
Recherche Aerospaciale Office National d'Etudes et de Recherches Aeronautiques, 29 Avenue de la Division Leclerc, 92320-Chatillon, France
- Rechentechn. Datenverarb. (Germany)** — (RTDVAQ)
Rechentechnik Datenverarbeitung Verlag die Wirtschaft Berlin, 1055 Berlin, Am Friedrichshain 22, Germany
- Recherche (France)** — (RCCHBV)
Recherche 57 rue de Seine, 75006 Paris, France
- Refractories (USA)** — (REFRAL)
Refractories [Translation of: *Ogneupory (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Reg. Conf. Ser. Math. (USA)** — (RCSMDQ)
Regional Conference Series in Mathematics American Mathematical Society, Box 6248, Providence, RI 02904, USA
- Regelungstech. Prax. (Germany)** — (RGXPAX)
Regelungstechnische Praxis R. Oldenbourg, Rosenheimer Strasse 145, 8 München 80, Germany
- Regelungstechnik (Germany)** — (RLSTA5)
Regelungstechnik Formerly: *Regelungstech. & Prozess-Datenverarb. (Germany)* R. Oldenbourg, Rosenheimer Strasse 145, 8 München 80, Germany
- Remote Sensing Environ. (USA)** — (RSEEA7)
Remote Sensing of Environment American Elsevier Publishing Co., 52 Vanderbilt Avenue, New York, NY 10017, USA
- Rend. Ist. Lomb. A (Italy)** — (RLMAAK)
Istituto Lombardo. *Rendiconti A. Scienze Accademia di Scienze e Lettere*, Palazzo Brera, Via Brera 28, Milano, Italy
- Rep. Fac. Eng. Shizuoka Univ. (Japan)** — (SDKKAT)
Reports of the Faculty of Engineering Shizuoka University Hamamatsu, Japan
- Rep. Gov. Ind. Res. Inst. Nagoya (Japan)** — (NKGSAR)
Reports of the Government Industrial Research Institute Nagoya Hirate-machi Kita-ku, Nagoya, Japan
- Rep. Himeji Inst. Technol. (Japan)** — (HKDKAO)
Reports of Himeji Institute of Technology Himeji, Japan
- Rep. Inst. High Speed Mech. Tohoku Univ. Ser. B (Japan)** — (RHSMO)
Reports of the Institute of High Speed Mechanics, Tohoku University (A section of: *Science Reports of the Research Institute, Tohoku University, Series B (Technology)*) Sendai, Japan
- Rep. Inst. Ind. Sci. Univ. Tokyo (Japan)** — (RIISAX)
Report of the Institute of Industrial Science, University of Tokyo 22-1 Roppongi, 7-chome, Minato-ku, Tokyo 106, Japan
- Rep. Inst. Phys. & Chem. Res. (Japan)** — (RKKHAO)
Reports of the Institute of Physical and Chemical Research Rikagaku Kenkyushu, Wako-shi, Saitama 351, Japan
- Rep. Ionos. & Space Res. Jpn. (Japan)** — (RISRAC)
Report of Ionosphere and Space Research in Japan Title changed to: *Sol. Terr. Environ. Res. Jpn. (Japan)*
- Rep. Math. Phys. (GB)** — (RMHPBE)
Reports on Mathematical Physics Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England. Subscription address: ARS Polona-Ruch Foreign Trade Enterprise, Krakowskie Przedmiescie 7, 00-068 Warszawa
- Rep. NRL Prog. (USA)** — (RNRLAO)
Report of NRL Progress National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22151, USA
- Rep. Prog. Phys. (GB)** — (RPPHAG)
Reports on Progress in Physics Institute of Physics, 47 Belgrave Square, London, SW1X 8QX, England
- Rep. Res. Inst. Appl. Mech. (Japan)** — (RMKUA9)
Reports of Research Institute for Applied Mechanics Kyushu University, Hakozaki, Fukuoka 812, Japan
- Rep. Res. Inst. Electr. Commun. Tohoku Univ. (Japan)** — (RRETAB)
Reports of the Research Institute of Electrical Communication, Tohoku University Sendai, Japan
- Rep. Res. Inst. Ind. Sci. Kyushu Univ. (Japan)** — (KURRAE)
Reports of the Research Institute of Industrial Science, Kyushu University Fukuoka, Kyushu, Japan
- Rep. Res. Inst. Sci. & Technol. Nihon Univ. (Japan)** — (RRITAV)
Report of the Research Institute of Science and Technology Nihon University Rikogaku-Kenkuyo (Research Institute of Science and Technology), Nihon University, No. 8, 1-chome, Surugadai, Kanda, Chiyoda-ku, Tokyo, Japan
- Rep. Res. Inst. Strength & Fract. Mater. (Japan)** — (TDSKBD)
Reports of the Research Institute for Strength and Fracture of Materials Tohoku University, Sendai, Japan
- Rep. Res. Lab. Surf. Sci. Okayama Univ. (Japan)** — (RSSOA5)
Reports of the Research Laboratory for Surface Science, Okayama University Faculty of Science, Okayama, Japan
- Rep. Stat. Appl. Res. UJSE (Japan)** — (RARJAT)
Reports of Statistical Application Research, Union of Japanese Scientists and Engineers 5-10-11 Sendagaka, Shibuya-ku, Tokyo, Japan
- Rep. Univ. Electro-Commun. (Japan)** — (DTDRAU)
Reports of the University of Electro-Communications University of Electro-Communications, 1-5-1 Chofugaoka, Chofu-shi, Tokyo, Japan
- Reprogr. Q. (GB)** — (RPGQAW)
Reprographics Quarterly NRCd, Hatfield Polytechnic, Endymion Road Annexe, Hatfield, Herts. AL10 8AU, England
- Res. Bull. Reg. Eng. Coll. Warangal (India)** — (WREBAC)
Research Bulletin, Regional Engineering College, Warangal Warangal (AP) Kazipet (PO), India
- Res. Disclosure (GB)** — (RSDSBB)
Research Disclosure Industrial Opportunities Ltd., 13/14 Homewell, Havant, Hants. PO9 1EF, England
- Res. Electrotech. Lab. (Japan)** — (DSKHAS)
Researches of the Electrotechnical Laboratory 2-chome, Nagata-cho, Chiyoda-ku, Tokyo, Japan
- Res. Rep. Autom. Control Lab. Fac. Eng. Nagoya Univ. (Japan)** — (NDKJA5)
Research Reports of Automatic Control Laboratory, Faculty of Engineering, Nagoya University Chikusa, Nagoya, Japan
- Res. Rep. Fac. Eng. Meiji Univ. (Japan)** — (MDKKAV)
Research Reports of the Faculty of Engineering, Meiji University Meiji, Japan
- Res. Rep. Nagaoka Tech. Coll. (Japan)** — (NKTDAD)
Research Reports of the Nagaoka Technical College Nagaoka, Japan
- Res./Dev. (USA)** — (REDEA6)
Research/Development F.D. Thompson Publications, 1301 South Grove Avenue, Barrington, IL 60010, USA
- Rev. Acad. Cienc. Zaragoza (Spain)** — (RACZA2)
Revista de la Academia de Ciencias Zaragoza Academia de Ciencias Exactas, Fisico-Quimicas y Naturales de Zaragoza, Plaza de Paraiso 1, Zaragoza, Spain
- Rev. Astron. (Argentina)** — (RVANB2)
Revista Astronomica Asociacion Argentina Amigos de la Astronomia, Avenida Patricias Argentinas 550, Buenos Aires 5, Argentina
- Rev. Belge Stat. Inf. & Rech. Oper. (Belgium)** — (RBSODP)
Revue Belge de Statistique, d'Informatique et de Recherche Operationnelle (Belgisch Tijdschrift voor Statistiek, Informatiek en Operationeel Onderzoek) SOGESCI Societe Belge pour l'Application des Methodes Scientifiques de Gestion, Rue du Neufchatel 66, 1060 Bruxelles, Belgium
- Rev. Bras. Fis. (Brazil)** — (RBFSA3)
Revista Brasileira de Fisica Sociedade Brasileira de Fisica, Cx. Postal 20553, Sao Paulo SP, Brazil
- Rev. Cethedec (France)** — (RCETA8)
Revue du Cethedec Centre d'Etudes Theoriques de la Detection et des Communications, 5 bis, avenue de la Porte de Sevres, Paris 15, France
- Rev. Chim. Miner. (France)** — (RVCMA8)
Revue de Chimie Minerale Centrale des Revues Dunod-Gauthier-Villars, 70 rue de Saint-Mande, B.P. 119, 93104 Montreuil Cedex, France
- Rev. E (Belgium)** — (RVUEA6)
Revue E Issued with: *Bull. Soc. R. Belge Electr. (Belgium)*

- Rev. Electr. Commun. Lab. (Japan)** — (RELTAN)
Review of the Electrical Communication Laboratories Nippon Telegraph and Telephone Public Corp., Midori-cho, 9-11 Musasino-si, 3 chome, Tokyo 180, Japan
- Rev. Electrotec. (Argentina)** — (RVELAF)
Revista Electrotecnica Asociacion Argentina de Electrotecnicos y del Comite Electrotecnico Argentina, Posadas 1659, Buenos Aires, Argentina
- Rev. Electrotec. (Spain)** — (RVELAF)
Revista Electrotecnica Asociacion Electrotecnica Espanola, Aribau 61, Barcelona, Spain
- Rev. Energ. (France)** — (REEND7)
Revue de l'Energie Les Editions Techniques et Economiques, 3 Rue Soufflot, 75005 Paris, France
- Rev. Esp. Doc. Cient. (Spain)**
Revista Espanola de Documentacion Cientifica Instituto de Informacion y Documentacion en Ciencia y Tecnologia, Joaquin Costa 22, Madrid 6, Spain
- Rev. Esp. Electron. (Spain)** — (RVEEBT)
Revista Espanola de Electronica Ediciones Tecnicas 'Rede', Apartado 5252, Barcelona, Spain
- Rev. Fac. Cienc. Univ. Lisboa B (Portugal)** — (RFCLAT)
Revista de Faculdade de Ciencias, Universidade de Lisboa, B-Ciencias Fisico-Quimicas Rua da Escola Politecnica, Lisboa, Portugal
- Rev. Fac. Eng. Univ. Porto (Portugal)** — (RFEPAH)
Revista da Faculdade de Engenharia, Universidade do Porto Porto, Portugal
- Rev. Fac. Sci. Univ. Istanbul C (Turkey)** — (IFMCAL)
Revue de la Faculte des Sciences de l'Universite d'Istanbul (Istanbul Universitesi Fen Fakultesi Mecmuasi) Serie C (Astronomie, Physique, Chimie) Beyazit, Istanbul, Turkey
- Rev. FITCE (Belgium)** — (RFITBG)
Revue F.I.T.C.E. Federation des Ingenieurs des Telecommunications de la Communaute Europeenne, 42 rue des Palais, 1030 Bruxelles, Belgium
- Rev. Fr. Autom. Inf. Rech. Oper. (France)** — (RFAIAA)
Revue Francaise d'Automatique Informatique Recherche Operationnelle Title changed to: RAIRO Inf./Comput. Sci. (France)
- Rev. Fr. Electr. (France)** — (RFELAS)
Revue Francaise de l'Electricite Editions Sodel, 336-340 rue St-Honore, 75001 Paris, France
- Rev. Gen. Chemins de Fer (France)** — (RGCFAI)
Revue General des Chemins de Fer Centrale des Revues, Dunod/Gauthier-Villars, 70 rue de Saint-Mande, BP 119, 93104 Montreuil Cedex 1, France
- Rev. Gen. Electr. (France)** — (RGELAC)
Revue Generale de l'Electricite Societe des Electriciens des Electroniciens et des Radioelectriciens, 48 rue de la Procession, 75724 Paris, Cedex 15, France
- Rev. Gen. Nucl. (France)** — (RGNUDJ)
Revue Generale Nucleaire Societe Francaise d'Energie Nucleaire, 16 Rue Franklin, 75016 Paris, France
- Rev. Gen. Therm. (France)** — (RGTHA7)
Revue Generale de Thermique Thermique & Industrie, 2 rue de Tanneries, Paris 75013, France
- Rev. Geofis. (Spain)** — (RGNGA8)
Revista de Geofisica Instituto Nacional de Geofisica, Serrano 123, Madrid 6, Spain
- Rev. Geophys. & Space Phys. (USA)** — (RGPSBL)
Reviews of Geophysics and Space Physics Formerly: Rev. Geophys. (USA) American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
- Rev. HF (Belgium)** — (RVUHF)
Revue HF Societe Belge des Ingenieurs des Telecommunications et d'Electronique, 66 Chaussee de Ruisbroek, Bruxelles 1190, Belgium
- Rev. Inf. & Autom. (Spain)** — (RIAUD2)
Revista de Informatica y Automatica Asociacion Espanola de Informatica y Automatica, Facultad de Ciencias, Ciudad Universitaria, Madrid-3, Spain
- Rev. Int. Hautes Temp. & Refract. (France)** — (RIHTAV)
Revue Internationale des Hautes Temperatures et des Refractaires Masson et Cie S.A., 120 Boulevard Saint-Germain, F-75280 Paris Cedex 06, France
- Rev. Jeumont-Schneider (France)** — (RJSCA8)
Revue Jeumont-Schneider 5 Place de Rio de Janeiro, Paris 8, France
- Rev. Mex. Astron. & Astrofis. (Mexico)** — (RMAAD4)
Revista Mexicana de Astronomia y Astrofisica Instituto de Astronomia, UNAM, Apartado Postal 70-264, Mexico 20, D.F., Mexico
- Rev. Mex. Fis. (Mexico)** — (RMXFAT)
Revista Mexicana de Fisica Sociedad Mexicana de Fisica, Apartado Postal No.20-364, Mexico 20, D.F., Mexico
- Rev. Mod. Phys. (USA)** — (RMPHAT)
Reviews of Modern Physics Published for the American Physical Society by the American Institute of Physics, 335 East 35th Street, New York, NY 10017, USA
- Rev. Phys. Appl. (France)** — (RPHAAN)
Revue de Physique Appliquee Societe Francaise de Physique, 87 bis, Avenue du General-Leclerc, 75014 Paris, France
- Rev. Phys. Chem. Jpn. (Japan)** — (RPCJAP)
Review of Physical Chemistry of Japan Physical-Chemical Society of Japan, College of Science, Kyoto University, Kyoto, Japan
- Rev. Polytech. (Switzerland)** — (RVPTRB)
Revue Polytechnique Chemin de la Caroline 22, 1213 Petit-Lancy, Geneve, Switzerland
- Rev. Radio Res. Lab. (Japan)** — (DKKIBA)
Review of the Radio Research Laboratories Ministry of Posts & Telecommunications, Nukui-Kitamachi, Konganei-shi, Tokyo 184, Japan
- Rev. Roum. Phys. (Rumania)** — (RRPQAN)
Revue Roumaine de Physique Academie Republicii Populare Romine, Boite Postale 134-135, Bucuresti, Rumania
- Rev. Roum. Sci. Tech. Ser. Electrotech. & Energ. (Rumania)** — (RTEEAE)
Revue Roumaine des Sciences Techniques. Serie Electrotechnique et Energetique Academia Republicii Populare Romine. Editorial address: Sos. Vitan 236, Bucuresti, Rumania
- Rev. Roum. Sci. Tech. Ser. Mec. Appl. (Rumania)** — (RTMAA8)
Revue Roumaine des Sciences Techniques. Serie de Mecanique Appliquee Str. Constantin Mille 15, Bucuresti, Rumania
- Rev. Sci. Instrum. (USA)** — (RSINAK)
Review of Scientific Instruments American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Rev. Tech. Thomson-CSF (France)** — (RTTCBG)
Revue Technique Thomson-CSF Masson et Cie S.A., 120 Boulevard Saint-Germain, F-75280 Paris Cedex 06, France
- Rev. Telecomun. (Spain)** — (RVTEAZ)
Revista de Telecomunicacion Consejo Tecnica de Telecomunicacion, Palacio de Comunicaciones, Apartado 936, Madrid, Spain
- Rev. Telegr. Electron. (Argentina)** — (RTELB2)
Revista Telegrafica Electronica Editorial address: Avenida Martin Garcia 653, Buenos Aires, Argentina
- Reyrolle Parsons Rev. (GB)** — (REYRAE)
Reyrolle Parsons Review Title changed to: NEI Rev. (GB)
- Rheol. Acta (Germany)** — (RHEAAK)
Rheologica Acta Dr. Steinkopf Verlag, 6100 Darmstadt, Postfach 1008, Germany
- Rhod. Eng. (Rhodesia)** — (RHENAP)
Rhodesian Engineer Rhodesian Institution of Engineers, P.O. Box 660, Salisbury, Rhodesia
- Ric. Autom. (Italy)** — (RCAUBQ)
Ricerche di Automatica E.S.I.A., Edizioni Scientifiche Inglesi Americane srl., Via Sommacampania 11-13, 00185 Roma, Italy
- Ric. Spettrosc. (Italy)** — (RSLAAU)
Ricerche Spettroscopiche Specola Vaticana, Citta dei Vaticano, Italy
- Riv. Inf. (Italy)** — (RIINDL)
Rivista di Informatica AICA - Associazione Italiana per il Calcolo Automatico, c/o FAST, P. le Rodolfo Morandi 2, 20121 Milano, Italy
- Riv. Nuovo Cimento (Italy)** — (RNUCAC)
Rivista del Nuovo Cimento Societa Italiana di Fisica, Via Degli Andalò 2, Bologna 40124, Italy
- Robotron Tech. Commun. (Germany)** — (RBTBCQ)
Robotron Technical Communications VEB Robotron-Elektronik Radeberg, 8142 Radeberg, Wilhelm-Pieck-Strasse 70, Germany
- Rock Mech. (Austria)** — (RMFMS)
Rock Mechanics (Felsmechanik-Mecanique des Roches) Springer-Verlag, Molkerbastei 5, P.O. Box 367, A-1011 Wien, Austria
- Roentgenpraxis (Germany)** — (RGPXB2)
Röntgenpraxis S. Hirzel Verlag, 7 Stuttgart 1, Birkenwaldstrasse 44, Postfach 347, Germany
- Rozpr. Electrotech. (Poland)** — (RZETAX)
Rozprawy Electrotechniczne Panstwowe Wydawnictwo Naukowe, Warszawa, Miodowa 10, Poland
- Rozpr. Hydrotech. (Poland)** — (RZHTEAE)
Rozprawy Hydrotechniczne Instytut Budownictwa Wodnego, Polskiej Akademii Nauk w Gdansk, Gdansk, Poland
- Rundfunktech. Mitt. (Germany)** — (RUMIA5)
Rundfunktechnische Mitteilungen Institut für Rundfunktechnik, Mittelweg 113, Hamburg 13, Germany
- Russ. Eng. J. (GB)** — (RENJA3)
Russian Engineering Journal [Translation of: Vestn. Mashinost. (USSR)] Production Engineering Research Association, Melton Mowbray, Leics, England
- Russ. Metall. (GB)**
Russian Metallurgy [Translation of: Izv. Akad. Nauk. SSSR Met.] Scientific Information Consultants Ltd., 661 Finchley Road, London, NW2 2HN, England
- Rutgers J. Comput. & Law (USA)** — (RJCLAN)
Rutgers Journal of Computers and the Law Rutgers Law School, 180 University Avenue, Newark, NJ 07102, USA
- S. Afr. J. Antarct. Res. — (SAARCF)**
South African Journal of Antarctic Research Editorial Address: P.O. Box 3718, Johannesburg, South Africa
- S. Afr. J. Phys. (S. Africa)** — (SAPHDR)
South African Journal of Physics (Suid-Afrikaanse Tydskrif vir Fisika) Bureau for Scientific Publications, P.O. Box 1758, Pretoria 0001, South Africa
- Saehkoe (Finland)** — (SAEFAV)
Sähkö Electricity in Finland Sarkinimientie 3, 00210 Helsinki 21, Finland
- Sb. Kratk. Soobshch. Fiz. AN SSSR Fiz. Inst. P.N. Lebedeva**
Sbornik Kratkikh Soobshcheniy po Fizike. AN SSSR. Fizicheskii Institut im. P.N. Lebedeva Editorial address: II733, Moskva B-333, Leninskii Prospekt 53, USSR [English translation in: Sov. Phys.-Lebedev Inst. Rep. (USA)]
- Scand. J. Stat. Theory & Appl. (Sweden)** — (SJSADG)
Scandinavian Journal of Statistics Theory and Applications Almqvist & Wiksell Periodical Co., P.O. Box 62, S-101 20 Stockholm 1, Sweden
- Scanner (GB)** — (SCANAF)
Scanner Journal of Decca Radar Ltd., Decca House, Albert Embankment, London, SE1, England
- Schweiz. Tech. Z. (Switzerland)** — (STZTA5)
Schweizerische Technische Zeitschrift Schweizerischer Technischer Verband, Weinbergstrasse 41, 8023 Zurich, Switzerland
- Sci-Tech News (USA)** — (STNWAM)
Sci-Tech News Science and Technology Orientated Division, Special Libraries Association, 235 Park Avenue South, New York, NY 10003, USA
- Sci. & Cult. (India)** — (SCINAL)
Science and Culture Indian Science News Association, 92 Acharya Prafulla-chandra Road, Calcutta 9, India
- Sci. & Eng. Rep. Saitama Univ. Ser. C (Japan)** — (SSECB D)
Science and Engineering Reports of Saitama University, Series C Urawa-City, Saitama-ken, Japan
- Sci. & Eng. Rev. Doshisha Univ. (Japan)** — (DDRKAZ)
Science and Engineering Review of Doshisha University Science and Engineering Research Institute of Doshisha University, Kyoto, Japan
- Sci. & Ind. (Netherlands)**
Science and Industry Philips Scientific and Industrial Equipment Division, Building TQ III 4, Eindhoven, Netherlands
- Sci. Am. (USA)** — (SCAMAC)
Scientific American 415 Madison Avenue, New York, NY 10017, USA
- Sci. Dimension (Canada)** — (NRSDAN)
Science Dimension National Research Council of Canada, Ottawa K1A 0R6, Canada
- Sci. Electr. (Switzerland)** — (SCELAT)
Scientia Electronica Institut für Höhere Elektrotechnik, Eidgenössische Technische Hochschule, Gloriastr. 35, 8006-Zurich, Switzerland
- Sci. Light (Japan)** — (SCLIAL)
Science of Light Published by the Institute for Optical Research, Tokyo University of Education (in collaboration with the Spectroscopical Society of Japan), 400, Hyakunintyo-4, Sinyuku, Tokyo 160, Japan
- Sci. Pap. Coll. Gen. Educ. Univ. Tokyo (Japan)** — (SPUTAK)
Scientific Papers of the College of General Education, University of Tokyo Komaba, Meguro-ku, Tokyo, Japan

- Sci. Pap. Inst. Phys. & Chem. Res. (Japan)** — (SPIPAG)
Scientific Papers of the Institute of Physical and Chemical Research Rikagaku Kenkyusho, Wako-shi, Saitama 351, Japan
- Sci. Proc. R. Dublin Soc. Ser. A (Ireland)** — (SPDAAE)
Scientific Proceedings of the Royal Dublin Society, Series A Ball's Bridge, Dublin, Ireland
- Sci. Prog. (GB)** — (SCPRAY)
Science Progress Blackwell Scientific Publications, Oxford, England
- Sci. Rep. Kanazawa Univ. (Japan)** — (SRKAAT)
Science Reports of Kanazawa University Faculty of Science, Kanazawa University, Kanazawa, Japan
- Sci. Rep. Osaka Univ. (Japan)** — (SCRTAG)
Science Reports Osaka University College of General Education, Osaka University, Toyonaka, Osaka, Japan
- Sci. Rep. Res. Inst. Tohoku Univ. Ser. A (Japan)** — (SRTAA6)
Science Reports of the Research Institutes, Tohoku University. Series A (Physics, Chemistry, and Metallurgy) Sendai, Japan
- Sci. Rep. Saitama Univ. Ser. A (Japan)** — (SRSAAZ)
Science Reports of the Saitama University. Series A (Mathematics, Physics and Chemistry) Urawa, Japan
- Sci. Rep. Tohoku Univ. I (Japan)** — (STUCAV)
Science Reports of the Tohoku University, First Series Faculty of Science, Tohoku University, Sendai, Japan
- Sci. Rep. Yokohama Natl. Univ. Sect. I (Japan)** — (SYUMAS)
Science Reports of the Yokohama National University. Section I (Mathematics, Physics and Chemistry) Faculty of Liberal Arts and Education, Yokohama National University, Tokiwadai 156, Hodogaya-ku, Yokohama 240, Japan
- Sci. Rev. (Yugoslavia)** — (SRVUA8)
Scienca Revuo Prof. B. Popovic, Ognjena Price 80, Beograd, Yugoslavia
- Sci. Sin. (China)** — (SSINAV)
Scientia Sinica Science Press, Peking. Subscription address: Guozi Shudian, P.O. Box 399, Peking, China
- Sci. Sintering (Yugoslavia)** — (SCSNB4)
Science of Sintering Yugoslav Committee for ETAN, P.O. Box 356 (ETAN), 11001 Beograd, Yugoslavia
- Sci. Tools (Sweden)** — (SCTOAB)
Science Tools LKB Produkter Fabriksaktiebolag, P.O. Box 76, Stockholm-Bromma 1, Sweden
- Science (USA)** — (SCIEAS)
Science American Association for the Advancement of Science, 1515 Massachusetts Avenue N.W., Washington, DC 20005, USA
- Scientia (Chile)** — (SCNTAU)
Scientia Universidad Tecnica Federico Santa Maria, Casilla 110-V, Valparaiso, Chile
- Scr. Fac. Sci. Nat. Univ. Purkynianae Brunensis Phys. (Czechoslovakia)** — (SFPBAA)
Scripta Facultatis Scientiarum Naturalium Universitatis Purkynianae Brunensis, Physica University J.E. Purkyne, 61137 Brno-Kotlarska 2, Czechoslovakia
- Scr. Metall. (USA)** — (SCRMUB)
Scripta Metallurgica Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA
- Sdelovaci Tech. (Czechoslovakia)** — (SDTEAM)
Sdelovaci Technika SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia
- Sea Technol. (USA)** — (SEATAD)
Sea Technology Compass Publications Inc., Suite 1000, 1117 North 19th Street, Arlington, VA 22209, USA
- Seismol. Ser. Earth Phys. Branch (Canada)** — (CESSCS)
Seismological Series of the Earth Physics Branch Department of Energy, Mines and Resources, Ottawa, Canada
- Semicond. & Insul. (GB)** — (SINS4)
Semiconductors and Insulators Formerly: *J. Nonmet. & Semicond. (GB)* Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Semin. Nucl. Med. (USA)** — (SMNMB)
Seminars in Nuclear Medicine Henry M. Stratton, Inc., Publishers, 757 Third Avenue, New York, NY 10017, USA
- SERT J. (GB)** — (SERJAY)
SERT Journal Title changed to: *Electron. Technol. (GB)*
- Shimadzu Rev. (Japan)** — (SHYAG)
Shimadzu Review Shimadzu Seisakusho Ltd., Kawaramachi Nijo, Nakagyo-ku, Kyoto, Japan
- Showa Wire & Cable Rev. (Japan)** — (SDDRAF)
Showa Wire and Cable Review Showa Electric Wire and Cable Co. Ltd., Tokyo Toranomon Building, No. 10, Shiba-Toranomon, Minato-ku, Tokyo, Japan
- SIAM J. Appl. Math. (USA)** — (SMJMAP)
SIAM Journal on Applied Mathematics Society for Industrial and Applied Mathematics, 33 South 17th Street, Philadelphia, PA 19103, USA
- SIAM J. Comput. (USA)** — (SMJCAT)
SIAM Journal on Computing SIAM Publications, 33 South 17th Street, Philadelphia, PA 19103, USA
- SIAM J. Control & Optimiz. (USA)** — (SJCODC)
SIAM Journal on Control and Optimization SIAM Publications, 33 South 17th Street, Philadelphia, PA 19103, USA
- SIAM J. Math. Anal. (USA)** — (SJMAAH)
SIAM Journal on Mathematical Analysis SIAM Publications, 33 South 17th Street, Philadelphia, PA 19103, USA
- SIAM J. Numer. Anal. (USA)** — (SJNAAM)
SIAM Journal on Numerical Analysis SIAM Publications, 33 South 17th Street, Philadelphia, PA 19103, USA
- SIAM Rev. (USA)** — (SIREAD)
SIAM Review SIAM Publications, 33 South 17th Street, Philadelphia, PA 19103, USA
- Siderurgia (Argentina)** — (SIDEDE)
Siderurgia Instituto Argentino de Siderurgia, Avda. Eduardo Madero 1020, Capital, Anexo Edificio Conurban 1 y 2, Piso, Argentina
- Siemens Forsch. & Entwicklungsber. (Germany)** — (SFEBBL)
Siemens Forschungs- und Entwicklungsberichte (Research and Development Reports) Springer-Verlag, D-1 Berlin 33, Heidelberger Platz 3, Germany
- Siemens Rev. (Germany)** — (SZTEA6)
Siemens Review Siemens-Aktiengesellschaft, Postfach 325, 8520 Erlangen 2, Germany
- Siemens-Albis Ber. (Switzerland)** — (SABRBJ)
Siemens-Albis Berichte Siemens-Albis Aktiengesellschaft, Albisriederstrasse 245, 8047 Zurich, Switzerland
- SIGACT News (USA)** — (SIGNDM)
SIGACT News Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGCUE Bull. (USA)** — (SIGBDK)
SIGCUE Bulletin Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Signal & Draht (Germany)** — (SIGDAN)
Signal und Draht Dr. Arthur Tetzlaff-Verlag, 6000 Frankfurt (Main) 1, Niddastrasse 64, Germany
- Signal & Schiene (Germany)** — (SIGSAY)
Signal und Schiene 108 Berlin, Französische Strasse 13/14, Germany
- Signal (USA)** — (SGNAAZ)
Signal Armed Forces Communications and Electronics Association, Skyline Center, 5205 Leesburg Pike, Falls Church, Va 22041, USA
- SIGNUM Newsl. (USA)** — (SNEWD6)
SIGNUM Newsletter Association of Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- SIGPLAN Not. (USA)** — (SINODQ)
SIGPLAN Notices Association for Computing Machinery, 1133 Avenue of the Americas, New York, NY 10036, USA
- Silikaty (Czechoslovakia)** — (SIKTAN)
Silikaty Academia, Publishing House of the Czechoslovak Academy of Sciences, Vodickova 40, 112 29 Praha 1, Czechoslovakia
- Simon Stevin (Belgium)** — (SSWNAX)
Simon Stevin De Natuur - en Geneeskundige Vennootschap, Rozier 44, B-9000 Gent, Belgium
- Simulation & Games (USA)** — (SMUGAS)
Simulation & Games Sage Publications, 275 South Beverly Drive, Beverly Hills, CA 90212, USA
- Simulation (USA)** — (SIMUA2)
Simulation Simulation Councils Inc., P.O. Box 2228, La Jolla, CA 92037, USA
- Sist. & Autom. (Italy)** — (SSAUBD)
Sistemi e Automazione Editrice E.S.T.E., Edizioni Scientifiche Tecniche Europee S.p.A., 20127 Milano, Via S.A. Sauli 3, Italy
- Sitzungsber. Oesterr. Akad. Wiss. Math.-Naturwiss. Kl. Abt. II (Austria)** — (SOAMAS)
Sitzungsberichte. Österreichische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Abteilung II (Mathematik, Astronomie, Physik, Meteorologie und Technik) Dr. Ignaz-Seipel-Platz 2, A-1010 Wien. Publication address: Springer-Verlag, A-1011-Wien, Molkerbastei 5, Postfach 367, Austria
- Skoda Rev. (Czechoslovakia)** — (SKORAH)
Skoda Review Ul. 28. rjna 13, Praha 1, Czechoslovakia
- Skr. Nor. Vidensk.-Akad. Oslo I (Norway)** — (SUNVAQ)
Skrifter utgitt av det Norske Videnskaps-Akademi i Oslo. I. Matematisk-Naturvidenskapsklasse Faculty of Mathematics and Science, University of Oslo, Blindern per Oslo, Norway
- Sky & Telesc. (USA)** — (SKTEA3)
Sky and Telescope Sky Publishing Corp., 49-50-51 Bay State Road, Cambridge, MA 02138, USA
- Slaboproudny Obz. (Czechoslovakia)** — (SLOZAE)
Slaboproudny Obzor SNTL, 11302 Praha 1, Spalena ul. 51, Czechoslovakia
- Small Syst. Software (GB)** — (SSSODJ)
Small Systems Software A.P. Publications Ltd., 322 St. John Street, London, EC1V 4QH, England
- SMPT E J. (USA)** — (SMPJDE)
SMPT E Journal Society of Motion Picture and Television Engineers, 862 Scarsdale Avenue, Scarsdale, NY 10583, USA
- Software Age (USA)** — (SOAGAA)
Software Age Press Tech Inc., P.O. Box 2076, 211 Fordem Avenue, Madison, WI 53701, USA
- Software World (GB)** — (SOFWBG)
Software World A.P. Publications Ltd., 322 St. John Street, London, EC1V 4QH, England
- Software-Pract. & Exper. (GB)** — (SPEXBL)
Software - Practice and Experience John Wiley & Sons Ltd., Baffins Lane, Chichester, Sussex PO19 1UD, England
- Sol. Energy (USA)** — (SRENA4)
Solar Energy Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA
- Sol. Phys. (Netherlands)** — (SLPHAX)
Solar Physics D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Sol. Syst. Res. (USA)** — (SSYRAL)
Solar System Research [Translation of: *Astron. Vestn. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sol. Terr. Environ. Res. Jpn. (Japan)** — (SERJD3)
Solar Terrestrial Environmental Research in Japan Formerly: *Rep. Ionos. & Space Res. Jpn. (Japan)* Institute of Space and Aeronautical Science, University of Tokyo, 4-6-1, Komaba, Meguro-ku, Tokyo 153, Japan
- Solid State Commun. (USA)** — (SSCOA4)
Solid State Communications Pergamon Press, Maxwell House, Fairview Park, Elmsford, NY 10523, USA. Supplement to *J. Phys. Chem. Solids (GB)*
- Solid State Phys. (Japan)** — (KOTBA2)
Solid State Physics Science Press, Kojimachi Mansion No. 3, Kojimachi 5-chome, Chiyoda-ku, Tokyo, Japan
- Solid State Technol. (USA)** — (SSTEAP)
Solid State Technology 14 Vanderventer Avenue, Port Washington, Long Island, NY 11050, USA
- Solid-State Electron. (GB)** — (SSELA5)
Solid-State Electronics Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Souder (France)** — (SODAX)
Souder Editions GÉAD, 79 Rue du Faubourg Poissonniere, 75009 Paris, France
- Sound & Vib. (USA)** — (SOVIATJ)
Sound and Vibration Acoustical Publications Inc., 27101 East Oviatt Road, Bay Village, OH 44140, USA
- Sov. Aeronaut. (USA)** — (SOAEA4)
Soviet Aeronautics [Translation of: *Izv. VUZ Aviat. Tekh. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Sov. Appl. Mech. (USA)** — (SOAMBT)
Soviet Applied Mechanics [Translation of: *Prikl. Mekh. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. Astron. (USA)** — (SAAJAN)
Soviet Astronomy [Translation of: *Astron. Zh. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA

- Sov. Astron. Lett. (USA)** — (SALEDW)
Soviet Astronomy Letters [Translation of: *Pis'ma v Astron. Zh. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. At. Energy (USA)** — (SATEAZ)
Soviet Atomic Energy [Translation of: *At. Energ. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. Autom. Control (USA)** — (SAUCBZ)
Soviet Automatic Control [Translation of: *Avtomatika (USSR)*] Scripta Publishing Corp., 1511 K Street, N.W., Washington, DC 20005, USA
- Sov. Electr. Eng. (USA)** — (SOEEAO)
Soviet Electrical Engineering [Translation of: *Elektrotehnika (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Sov. Electrochem. (USA)** — (SOECAI)
Soviet Electrochemistry [Translation of: *Elektrokhimiya (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, England
- Sov. J. Glass Phys. & Chem. (USA)** — (SJGCDU)
Soviet Journal of Glass Physics and Chemistry [Translation of: *Fiz. & Khim. Stikla (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. J. Low Temp. Phys. (USA)** — (SJLPDQ)
Soviet Journal of Low Temperature Physics [Translation of: *Fiz. Nizk. Temp. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. J. Nondestr. Test. (USA)** — (SJNTAB)
Soviet Journal of Nondestructive Testing [Translation of: *Defektoskopiya (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. J. Nucl. Phys. (USA)** — (SJNCAS)
Soviet Journal of Nuclear Physics [Translation of: *Yad. Fiz. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. J. Opt. Technol. (USA)** — (SJOTBH)
Soviet Journal of Optical Technology [Translation of: *Opt.-Mekh. Prom.-st. (USSR)*] Published for the Optical Society of America by the American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. J. Part. & Nucl. (USA)** — (SJPN3)
Soviet Journal of Particles and Nuclei [Translation of: *Fiz. Elem. Chastits & At. Yadra (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. J. Plasma Phys. (USA)** — (SJPPDC)
Soviet Journal of Plasma Physics [Translation of: *Fiz. Plazmy (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. J. Quantum Electron. (USA)** — (SJQEAF)
Soviet Journal of Quantum Electronics [Translation of: *Kvantovaya Elektron., Moskva (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Mater. Sci. (USA)** — (SOMSA4)
Soviet Materials Science [Translation of: *Fiz.-Khim. Mekh. Mater. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. Math. (USA)** — (SOMADL)
Soviet Mathematics [Translation of: *Izv. VUZ Mat. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Sov. Meteorol. & Hydrol. (USA)** — (SMHYDK)
Soviet Meteorology and Hydrology [Translation of: *Meteorol. & Gidrol. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Sov. Microelectron. (USA)**
Soviet Microelectronics [Translation of: *Mikroelektronika (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. Phys. J. (USA)** — (SOPJAO)
Soviet Physics Journal [Translation of: *Izv. VUZ Fiz. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. Phys.-Acoust. (USA)** — (SOPAAX)
Soviet Physics-Acoustics [Translation of: *Akust. Zh. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Phys.-Collect. (USA)** — (SPCODK)
Soviet Physics-Collection [Translation of: *Litov. Fiz. Sb. (USSR)*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Sov. Phys.-Crystallogr. (USA)** — (SPHCA6)
Soviet Physics-Crystallography [Translation of: *Kristallografiya (USSR)*] Published by the American Institute of Physics with the cooperation of the American Crystallographic Association. Subscription address; American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Phys.-Dokl. (USA)** — (SPHDA9)
Soviet Physics-Doklady [Translation of: *Dokl. Akad. Nauk SSSR*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Phys.-JETP (USA)** — (SPHJAR)
Soviet Physics-JETP [Translation of: *Zh. Eksp. & Teor. Fiz. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Phys.-Lebedev Inst. Rep. (USA)** — (SPLRD6)
Soviet Physics - Lebedev Institute Reports [Translation of: *Sb. Kratk. Soobshch. Fiz. AN SSR Fiz. Inst. P.N. Lebedev*] Allerton Press Inc., 150 Fifth Avenue, New York, NY 10011, USA
- Sov. Phys.-Semicond. (USA)** — (SPSEAX)
Soviet Physics-Semiconductors [Translation of: *Fiz. & Tekh. Poluprovodn. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Phys.-Solid State (USA)** — (SPSSA7)
Soviet Physics-Solid State [Translation of: *Fiz. Tverd. Tela (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Phys.-Tech. Phys. (USA)** — (SPTPA3)
Soviet Physics-Technical Physics [Translation of: *Zh. Tekh. Fiz. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Phys.-Usp. (USA)** — (SPUSBI)
Soviet Physics-Uspokhi [Translation of: *Usp. Fiz. Nauk (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Sov. Powder Metall. & Met. Ceram. (USA)** — (SPMCAV)
Soviet Powder Metallurgy and Metal Ceramics [Translation of: *Poroshk. Metall. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Sov. Tech. Phys. Lett. (USA)** — (STPLD2)
Soviet Technical Physics Letters [Translation of: *Pis'ma v Zh. Tekh. Fiz. (USSR)*] American Institute of Physics, 335 East 45th Street, New York, NY 10017, USA
- Space Sci. Instrum. (Netherlands)** — (SSINDY)
Space Science Instrumentation D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Space Sci. Rev. (Netherlands)** — (SPSRA4)
Space Science Reviews D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Spaceworld (USA)** — (SPWOAF)
Spaceworld Palmer Publications Inc., Amherst, WI 54406, USA
- Span (GB)** — (SPNGAE)
Span Central Electricity Generating Board, Burymead House, Guildford, Surrey, England
- Spec. Libr. (USA)** — (SPLBAN)
Special Libraries Special Libraries Association, 235 Park Avenue South, New York, NY 10003, USA
- Spectrochim. Acta Vol. A (GB)** — (SAMCAS)
Spectrochimica Acta. Volume A, Molecular Spectroscopy Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Spectrochim. Acta Vol. B (GB)** — (SAASBH)
Spectrochimica Acta. Volume B, Atomic Spectroscopy Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Spectrosc. Lett. (USA)** — (SPLEBX)
Spectroscopy Letters Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Stanki & Instrum. (USSR)** — (STINA4)
Stanki i Instrument Mashinostroenie, ul. 25 Oktyabrya, d. 10, Moskva, K-12, USSR [English translation in: *Mach. & Tool. (GB)*]
- Statistician (GB)** — (STTNAP)
Statistician Longman Group Ltd., Journals Division, Longman House, Burnt Mill, Harlow, Essex CM20 2JE, England
- Steklo & Keram. (USSR)** — (STKRAQ)
Steklo i Keramika Kuznetskii Most, d. 20, Moskva, K-31, USSR [English translation in: *Glass & Ceram. (USA)*]
- Stochastic Processes & Appl. (Netherlands)** — (STOPB7)
Stochastic Processes & their Applications North-Holland Publishing Co., Journal Division, P.O. Box 211, Amsterdam, Netherlands
- Stochastics (GB)** — (STOCB2)
Stochastics Gordon & Breach Science Publishers Ltd., 41 and 42 William IV Street, London, WC2, England
- Strain (GB)** — (STRABB)
Strain British Society for Strain Measurement, 281 Heaton Road, Newcastle upon Tyne, NE6 5QB, England
- Strassenverkehrstechnik (Germany)** — (SVKTAC)
Strassenverkehrstechnik Kirschbaum Verlag, 53 Bonn - Bad Godesberg 10, Rudigerstrasse 34, Germany
- Strength Mater. (USA)** — (SMTLB5)
Strength of Materials [Translation of: *Probl. Prochn. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA
- Strompraxis (Germany)** — (STPXB2)
Strompraxis Verlags- und Wirtschaftsgesellschaft der Elektrizitätswerke mbH-VWEW, 6000 Frankfurt (Main) 70, Stresemannallee 23, Germany
- Stud. & Cercet. Calc. Econ. & Cibern. Econ. (Rumania)** — (SCCEDZ)
Studii si Cercetari de Calcul Economic si Cibernetica Economica Catedra de Cibernetica Economica, Academia de Studii Economice, Bucuresti, Rumania
- Stud. & Cercet. Doc. (Rumania)** — (SDBIAC)
Studii si Cercetari de Documentare Centrul de Informare si Documentare al Institutului, Str. Gutenberg Nr. 6 bis, Sector 6, Bucuresti, Rumania
- Stud. & Cercet. Fiz. (Rumania)** — (SCEFAB)
Studii si Cercetari de Fizica Academia Republicii Populare Romine. P.O. Box 134-5, Calca Victoriei 126, Bucuresti, Rumania
- Stud. & Cercet. Geol. Geofiz. Geogr. Ser. Geofiz. (Rumania)** — (SCGGBP)
Studii si Cercetari de Geologie, Geofizica, Geografie. Seria Geofizica Subscription address: Rompresfilatelia, Boite Postale 2001, Bucuresti, Rumania
- Stud. Appl. Math. (USA)** — (SAPMB6)
Studies in Applied Mathematics American Elsevier Publishing Co., 52 Vanderbilt Avenue, New York, NY 10017, USA
- Stud. Hist. & Philos. Sci. (GB)** — (SHPSB5)
Studies in History and Philosophy of Science Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Stud. J. Inst. Electron. & Telecommun. Eng. (India)** — (SJIEDC)
Students' Journal of the Institution of Electronics & Telecommunication Engineers Plot no. 2, Institutional Area, Lodi Road, New Delhi 110 003, India
- Sulzer Tech. Rev. (Switzerland)** — (SZTRAB)
Sulzer Technical Review Sulzer Brothers Ltd., Winterthur, Switzerland
- Sumitomo Search (Japan)** — (SUSEAY)
Sumitomo Search Sumitomo Metal Industries Ltd., 15 Kitahama 5-chome, Higashiku, Osaka 541, Japan
- Surf. Sci. (Netherlands)** — (SUSCAS)
Surface Science North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Surf. Technol. (Switzerland)** — (SUTED8)
Surface Technology Elsevier Sequoia S.A., P.O. Box 851, CH-1001 Lausanne 1, Switzerland
- Svar. Proizvod. (USSR)** — (SVAPAI)
Svarchochnoe Proizvodstvo Mashinostroenie, Moskva, I-110 GSP, Nrosnekt Mura, d. 106, USSR [English translation in: *Weld. Prod. (GB)*]
- Sven. Kraftverksfoeren. Publ. (Sweden)** — (SKFOAV)
Svenska Kraftverksforeningens Publikationer Birger Jarlsgratan 41a, 111 45 Stockholm, Sweden
- Sven. Kraftverksfoeren. Publ. Medd. (Sweden)** — (SKFMBQ)
Svenska Kraftverksforeningens Publikationer Meddelande Birger Jarlsgratan 41b, 111 45 Stockholm, Sweden
- Svetotekhnika (USSR)** — (SVETAG)
Svetotekhnika Agent: Mezhdunarodnaya Kniga, Moskva, USSR
- Svetsaren (Sweden)** — (SVSEB8)
Svetsaren (English Edition) ESAB, Box 8850, S-402 71 Goteborg 8, Sweden
- Syst. & Control (Japan)** — (SYCNA9)
Systems and Control Japan Association of Automatic Control Engineers, 1 Ichoden-cho, Yamabana, Sakyo-ku, Kyoto 606, Japan
- Syst. Int. (GB)** — (SYIND8)
Systems International Interface Media Division, Gershire Ltd., 103 Kent Road, Dartford, Kent, England
- Syst. Logiques (Switzerland)** — (SYLGAX)
Systemes Logiques Chaire de Systemes Logiques, Ecole Polytechnique Federale, 16 Chemin de Bellerive, ch-1007 Lausanne, Switzerland

- Syst. Sci. (Poland)** — (SYSCDP)
Systems Science Editorial address: Institute of Technical Cybernetics, Wrocław Technical University, ul. Janiszewskiego 11/17, 50-372 Wrocław, Poland
- Syst. Technol. (GB)** — (SYTEAX)
Systems Technology Plessey Co., Coopers Buildings, Church Street, Liverpool, L1 3AN, England
- Syst.-Comput.-Control (USA)** — (SYCCBB)
System - Computers - Control Scripta Publishing Corp., 1511 K Street, N.W., Washington, DC 20005, USA. English translation of selected articles from Trans. Inst. Electron. & Commun. Eng. A, B, C, D (Japan) and other primary Japanese periodicals
- Systems (S. Africa)** — (SYSMBJ)
Systems (Stelsels) Systems Publishers (Pty) Ltd., Lawson's Corner, 17 Jorissen Street, Braamfontein, Johannesburg, Box 31720 Braamfontein, South Africa
- Szigma (Hungary)** — (SMKED9)
Szigma Akadémiai Kiadó, 1363 Budapest V, Alkotmány u. 21, Hungary
- Szko & Ceram. (Poland)** — (SZKCAN)
Szko i Ceramika Warszawa 1, Mokotowska 4/6, pok 40, Poland
- T.-I.-T. J. Life Sci. (USA)** — (TJLSA9)
T.-I.-T. Journal of Life Sciences T.-I.-T. Institute, P.O. Box 4563, Philadelphia, PA 19131, USA
- Takenaka Tech. Res. Rep. (Japan)** — (TGKHA1)
Takenaka Technical Research Report Takenaka Komuten Co. Ltd., 27 4-chome, Hommachi, Higashi-ku, Osaka, Japan
- Talanta (GB)** — (TLNTA2)
Talanta Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- TE Int. (Italy)** — (TEITDX)
TE International Issued with: *Tecnol. Elettr. (Italy)*
- Tec. Ital. (Italy)** — (TITLAL)
Tecnica Italiana Via Matteotti 55, 34071 Cormons (Gorizia), Italy
- Tec. Regul. & Mando Autom. (Spain)** — (TRAUBH)
Tecnica de la Regulacion y Mando Automatico Compania Espanola de Editoriales Tecnológicas Internacionales SA. (CETISA), Concepcion Arenal 5 y 7, Barcelona (16), Spain
- Tech. CEM (France)** — (TQCEB6)
Techniques CEM Cie Electro-Mecanique, 37 rue du Rocher, Paris 8, France
- Tech. Chron. (Greece)** — (TECHAW)
Technika Chronika Technical Chamber of Greece, Kolokotron Street, Athens, Greece
- Tech. Dig. (USA)** — (TCHDAV)
Technical Digest Western Electric Co., 555 Union Boulevard, Allentown, PA 18103, USA. Western Electric Co., Patent Organisation, Department 400, 555 Union Boulevard, Allentown, PA 18103
- Tech. Electron. Son Telev. (France)** — (TESTCE)
Techniques Electroniques Son Television Societe des Editions Radio, 9 rue Jacob, Paris 6, France
- Tech. Inf. GRW (Germany)** — (TIGRB9)
Technische Information GRW VEB Geräte und Regler Werke, 153 Teltow, bei Berlin, Ruhlsdorfer Strasse 23, Germany
- Tech. Knih. (Czechoslovakia)** — (TEKNAM)
Technická Knihovna Editorial address: 113 57 Praha 1, Konviktska 5, Czechoslovakia
- Tech. Mess. - ATM (Germany)** — (TMAMDS)
Technisches Messen - ATM R. Oldenbourg Verlag GmbH, Rosenheimer Strasse 145, 8000 München 80, Germany
- Tech. Mitt. AEG-Telefunken (Germany)** — (TMATBD)
Technische Mitteilungen AEG-Telefunken Allgemeine Elektrizitäts Gesellschaft, Hohenzollerndamm 150, 1 Berlin 33, Germany
- Tech. Mitt. Krupp Forschungsber. (Germany)** — (TMKFAK)
Technische Mitteilungen Krupp Forschungsberichte Fachbucherei Krupp, Postfach 917, 43 Essen 1, Germany
- Tech. Mitt. Krupp Werksber. (Germany)** — (TMKWA3)
Technische Mitteilungen Krupp. Werksberichte Friedr. Krupp GmbH, 43 Essen, Postfach 917, Germany
- Tech. Mitt. PTT (Switzerland)** — (TMPTAJ)
Technische Mitteilungen PTT (Bulletin Technique PTT, Bollettino Tecnico PTT) Generaldirektion PTT, Viktoriastrasse 21, 3000 Bern 33, Switzerland
- Tech. Mitt. RFZ (Germany)** — (TMRFAL)
Technische Mitteilungen des Rundfunk- und Fernsehtechnischen Zentralamtes Agastrasse, Berlin-Aldershof, Germany
- Tech. Mod. (France)** — (TEMDA2)
La Technique Moderne 7 Rue Cesar-Franck, 75015 Paris, France
- Tech. Radia & Telew. (Poland)** — (TRTLAG)
Technika Radia i Telewizji Wydawnca - Wydawnictwa Radia i Telewizji, 02-724 Warszawa, ul. Chelmska 9/11, Poland
- Tech. Rep. Inst. At. Energy Kyoto Univ. (Japan)** — (TRAEB3)
Technical Reports of the Institute of Atomic Energy, Kyoto University Kyoto, Japan
- Tech. Res. Cent. Finland Electr. & Nucl. Technol. Publ.** — (ENCTAY)
Technical Research Centre of Finland Electrical and Nuclear Technology Publication 00180 Helsinki 18, Lonnrotinkatu 37, Finland
- Tech. Res. Cent. Finland Mater. & Process Technol. Publ.** — (TFMPBC)
Technical Research Centre of Finland Materials and Process Technology Publication 00180 Helsinki 18, Lonnrotinkatu 37, Finland
- Tech. Rundsch. (Switzerland)** — (TCRUAU)
Technische Rundschau Hallwag Verlag, Nordring 4, 3001 Bern, Switzerland
- Technica (Switzerland)** — (TCHNAR)
Technica E. Birkhauser, CH-4010 Basel 10, Switzerland
- Technik (Germany)** — (TEBEAI)
Technik VEB Verlag Technik, Oranienburgerstrasse 13/14, 102 Berlin, Germany
- Technion (Israel)** — (TCNNAN)
Technion Israel Institute of Technology, Technion City, Haifa, Israel
- Technol. Forecast. & Soc. Change (USA)** — (TFSCB3)
Technological Forecasting and Social Change American Elsevier Publishing Co., 52 Vanderbilt Avenue, New York, NY 10017, USA
- Technol. Rep. Iwate Univ. (Japan)** — (TIWUAT)
Technology Reports of the Iwate University Faculty of Engineering, Morioka, Japan
- Technol. Rep. Kansai Univ. (Japan)** — (TRKUAW)
Technology Reports of Kansai University Faculty of Engineering, Kansai University, Senriyama, Suita-City, Osaka, Japan
- Technol. Rep. Kyushu Univ. (Japan)** — (KDKSAX)
Technology Reports of the Kyushu University Faculty of Engineering, Fukuoka, Japan
- Technol. Rep. Osaka Univ. (Japan)** — (TROUAI)
Technology Reports of the Osaka University Faculty of Engineering, Osaka University, Yamada-Kami, Suita, Osaka 565, Japan
- Technol. Rep. Seikei Univ. (Japan)** — (SKKGAW)
Technology Reports of the Seikei University College of Technology, Seikei University, Musashino-Shi, Tokyo, Japan, Japan
- Technol. Rep. Tohoku Univ. (Japan)** — (TRTUA9)
Technology Reports of the Tohoku University Sendai, Japan
- Tecnica (Portugal)** — (TECLAA)
Tecnica Associacao dos Estudantes do Instituto Superior Tecnico, Av. Rovisco Pais, Lisboa-1, Portugal
- Tecnol. Elettr. (Italy)** — (TEELDN)
Tecnologie Elettriche Centro Commerciale Milano San Felice, 20090 Segrate (Milano), Italy
- Tectonophysics (Netherlands)** — (TCTOAM)
Tectonophysics Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Tegnikon (S. Africa)** — (TEGNA2)
Tegnikon Die Suid-Afrikaanse Akademie vir Wetenskap en Kuns, Engelenburghuis, Hamiltonstraat, Postbus 538, Pretoria, S. Africa
- Teh. Fiz. (Yugoslavia)** — (TEFIDJ)
Tehnicka Fizika (Journal of Engineering Physics) Universitet u Beograd, Zavod za Fiziku Tehnickih Fakulteta, Rizveltova 1a, 11000 Beograd, Yugoslavia
- Tehnika (Yugoslavia)** — (TEHBA5)
Tehnika Beograd, Kneza Milosa 7/11,, Yugoslavia
- Tek. Tidskr. (Sweden)** — (TTIDAJ)
Teknisk Tidskrift Ingenjorsforlaget AB, Box 5703, 114 87 Stockholm, Sweden
- Tek. Ukebl. (Norway)** — (TUGEAJ)
Teknisk Ukeblad Ingenjorforlaget A/S, Ingeniørenes Hus, Kronprinsens gt. 17, Boks 2476 Sotli, Oslo 2, Norway
- Tekh. Kibern. (USSR)** — (TEKIB8)
Tekhnicheskaya Kibernetika Akademiya Nauk SSSR, Leninskii Prospekt 14, Moskva, USSR [English translation in: Eng. Cybern. (USA)]
- Tekh. Kino & Telev. (USSR)** — (TKTEAE)
Tekhnika Kino i Televideniya Leningradskii Prospekt 47, Moskva A-167, USSR
- Tekh. Misul (Bulgaria)** — (TKMSBM)
Tekhnicheska Misul Bulgarska Akademija na Naukite, Kv. Geo Milev, Ul. 36, BAN, IV Blok, Sofiya, Bulgaria
- Tekscope (USA)** — (TEKSC5)
Tekscope Tektronix Inc., P.O. Box 500, Beaverton, OR 97005, USA
- Telecom Rep. (Germany)** — (TELRD8)
Telecom Report Siemens Aktiengesellschaft, Machtlfinger Strasse 10, Postfach 70 00 79, D-8000 München 70, Germany
- Tele (Swed. Ed.) (Sweden)** — (TELEBZ)
Tele (Swedish Edition) Marbackagatan 11, 123 86 Farsta, Sweden
- Telecommun. & Radio Eng. Part 1 (USA)** — (TCREAG)
Telecommunications and Radio Engineering Part 1: Telecommunications [Translation of: Elektrosvyaz (USSR)] Scripta Publishing Corp., 1511 K Street N.W., Washington, DC 20005, USA
- Telecommun. & Radio Eng. Part 2 (USA)** — (TCREAG)
Telecommunications and Radio Engineering, Part 2: Radio Engineering [Translation of: Radiotekhnika, Moskva (USSR)] Scripta Publishing Corp., 1511 K Street N.W., Washington, DC 20005, USA
- Telecommun. J. (Engl. Ed.) (Switzerland)** — (TCJOA6)
Telecommunication Journal (English Edition) International Telecommunications Union, Place des Nations, 1211 Geneva 20, Switzerland
- Telecommun. J. Aust. (Australia)** — (TCJAAW)
Telecommunication Journal of Australia Telecommunication Society of Australia, Box 4050, GPO Melbourne, 3001, Victoria, Australia
- Telecommun. Policy (GB)**
Telecommunications Policy IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Telecommunications (India)** — (TMCASX)
Telecommunications Telecommunication Training Centre Building, Ridge Road, Jabalpur 6 (MP), India
- Telecommunications (USA)** — (TLCOAY)
Telecommunications 610 Washington Street, Dedham, MA 02026, USA
- Telecomunicazioni (Italy)** — (TLCZAX)
Telecomunicazioni Societa Italiana Telecomunicazioni Siemens s.p.a., 20149 Milano, Piazzale Zavattari 12, Italy
- Telef. Rep. (Germany)** — (TLFRBP)
Telefon Report Siemens AG, 8000 München 25, Machtlfinger Strasse 10, Postfach 700079, Germany
- Telegr. & Telef. (Netherlands)** — (TETEA6)
Telegraaf en Telefoon Vereniging van Hoger Personeel der PTT. Perestraat 187, Den Haag, Netherlands
- Telekomunikacije (Yugoslavia)** — (TLKMAY)
Telekomunikacije Zajednica JPPT, Beograd, Palmotice va 2, Yugoslavia
- Teletronikk (Norway)** — (TKTKAW)
Teletronikk Telegrafstyrets Bibliotek, Kongensgt. 21, Oslo, Norway
- Teleph. Eng. & Manage. (USA)** — (TPEMAW)
Telephone Engineer and Management Harcourt Brace Javanovich Publications, 1248 First Street Geneva, IL 60134, USA
- Telephony (USA)** — (TLPNAS)
Telephony Telephony Publishing Corp., 53 W. Jackson Boulevard, Chicago, IL 60604, USA
- Telesis (Canada)** — (NOETAE)
Telesis Bell-Northern Research, P.O. Box 3511, Station 'C', Ottawa, Ontario K1Y 4H7, Canada
- Teleteknik (Engl. Ed.) (Denmark)** — (TLKKAS)
Teleteknik (English Edition) 16 Kannikegade, DK 8000 Aarhus C, Denmark
- Telettra (Italy)** — (TELTCB)
Telettra Laboratori di Telefonia Elettronica e Radio, Via Trento 30, Vimercate, Milano, Italy
- Television (GB)** — (TVSCAC)
Television IPC Magazines Ltd., Fleetway House, Farringdon Street, London, EC4 4AD, England
- Television (J. R. Telev. Soc.) (GB)** — (TELED3)
Television (Journal of the Royal Television Society) Tavistock House East, Tavistock Square, London, WC1H 9HR, England
- Tellus (Sweden)** — (TELLAL)
Tellus Svenska Geofysiska Foreningen, Arrhenius Laboratoriet, S-106 91 Stockholm, Sweden

Telonde (France) — (TLNDAM)
Telonde Thomson-CSF, BP 2000, 78-Versailles, France

Teor. & Eksp. Khim. (USSR) — (TEKHA4)
Teoreticheskaya i Eksperimental'naya Khimiya Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Theor. & Exp. Chem. (USA)*]

Teor. & Mat. Fiz. (USSR) — (TMFZAL)
Teoreticheskaya i Matematicheskaya Fizika Editorial address: Department of Theoretical Physics, Institute of Mathematics, Academy of Sciences of the USSR, Moscow, USSR [English translation in: *Theor. & Math. Phys. (USA)*]

Teor. Veroyatn. & Primen. (USSR) — (TVPRA8)
Teoriya Veroyatnostei i ee Primeneniya Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: *Theory Probab. & Appl. (USA)*]

Teplotnergetika (USSR) — (TPLOA5)
Teplotnergetika Krasnoyarskarmennaya ul., d. 14, Moskva, E-250, USSR [English translation in: *Therm. Eng. (GB)*]

Teplotfiz. & Teplotekh. (USSR) — (TFTTAO)
Teplotfizika i Teplotekhnika Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR

Teplotfiz. Vys. Temp. (USSR) — (TVYTAP)
Teplotfizika Vysokikh Temperatur Akademiya Nauk SSSR. 17 Korpus 2, Moskva E-250, USSR [English translation in: *High Temp. (USA)*]

TESLA Electron. (Czechoslovakia) — (TNPTAQ)
TESLA Electronics TESLA Electronics and Telecommunications, Karlovo nam. 7, Praha 2, Czechoslovakia

Texas J. Sci. (USA) — (TJSCAU)
Texas Journal of Science The Talley Press, San Angelo, Texas, USA

Texture (GB) — (TXTRB9)
Texture Title changed to: *Texture Cryst. Solids (GB)*

Texture Cryst. Solids (GB)
Texture of Crystalline Solids Formerly: *Texture (GB)* Gordon and Breach Science Publishers Ltd., 41 and 42 William IV Street, London WC2, England

Theor. & Exp. Chem. (USA) — (TEXCAK)
Theoretical and Experimental Chemistry [Translation of: *Teor. & Eksp. Khim. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA

Theor. & Math. Phys. (USA) — (TMPHAH)
Theoretical and Mathematical Physics [Translation of: *Teor. & Mat. Fiz. (USSR)*] Consultants Bureau, 227 West 17th Street, New York, NY 10011, USA

Theor. Chim. Acta (Germany) — (TCHAAAM)
Theoretica Chimica Acta Springer-Verlag, D-1000 Berlin 33, Heidelberger Platz 3, Germany

Theor. Comput. Sci. (Netherlands) — (TCSCDI)
Theoretical Computer Science North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands

Theory Probab. & Appl. (USA) — (TPRBAU)
Theory of Probability and its Applications [Translation of: *Teor. Veroyatn. & Primen. (USSR)*] Society for Industrial and Applied Mathematics, 33 South 17th Street, Philadelphia, PA 19103, USA

Therm. Eng. (GB) — (THENAD)
Thermal Engineering [Translation of: *Teplotnergetika (USSR)*] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England

Thin Solid Films (Switzerland) — (THSFAP)
Thin Solid Films Elsevier Sequoia, P.O. Box 851, 1001 Lausanne 1, Switzerland

Tidskr. Dok. (Sweden) — (TDDKA5)
Tidskrift for Dokumentation Tekniska Litteratursallskapet, Box 5073, 161 11 Bromma 11, Sweden

Tijdschr. Ned. Elektron.- & Radiogenoot. (Netherlands) — (NERTA9)
Tijdschrift van het Nederlands Elektronica- en Radiogenootschap Postbus 39, Leidschendam, Netherlands

Toim. Eesti NSV Tead. Akad. Fuus. Mat. (USSR) — (ETFMB3)
Eesti NSV Teaduste Akadeemia. Toimetised. Fuusika, Matemaatika Sakala 3, Tallinn, Estonia, USSR

Tokyo Astron. Bull. (Japan) — (TKABAC)
Tokyo Astronomical Bulletin Tokyo Astronomical Observatory, University of Tokyo, Mitaka, Tokyo, Japan

Tokyo Astron. Obs. Rep. (Japan) — (TAORAQ)
Tokyo Astronomical Observatory Report University of Tokyo, Mitaka, Tokyo, Japan

Tokyo Astron. Obs. Time & Latitude Bull. (Japan) — (TATLBY)
Tokyo Astronomical Observatory Time and Latitude Bulletins Mitaka, Tokyo, Japan

Tool. & Prod. (USA) — (TOPRAR)
Tooling and Production Huebner Publications, 5821 Harper Road, Solon, OH 44139, USA

Toshiba Rev. (Int. Ed.) (Japan) — (TRIEA8)
Toshiba Review (International Edition) Tokyo Shibaura Electric Co., 1, Komukai Toshiba-Cho, Kawasaki, Japan

Toute Electron. (France) — (TOELAM)
Toute l'Electronique Societe des Editions Radio, 9 rue Jacob, 75006 Paris, France

Traffic Eng. & Control (GB) — (TENCA4)
Traffic Engineering & Control Printerhall Ltd., 29 Newman Street, London, W1P 3PE, England

Traffic Manage. Int. (USA)
Traffic Management International Canners Publishing Co., 221 Columbus Avenue, Boston, MA 02116, USA

Trans. & J. Br. Ceram. Soc. (GB) — (TJBCAD)
Transactions and Journal of the British Ceramic Society Shelton House, Stoke-on-Trent, England

Trans. Am. Nucl. Soc. (USA) — (TANSOA)
Transactions of the American Nuclear Society 244 East Ogden Avenue, Hinsdale, IL 60521, USA

Trans. ASME Ser. A, J. Eng. Power (USA) — (JEPOA8)
Transactions of the ASME. Series A, Journal of Engineering for Power Title changed to: *Trans. ASME. J. Eng. Power (USA)*

Trans. ASME Ser. B, J. Eng. Ind. (USA) — (JEFIA8)
Transactions of the ASME. Series B, Journal of Engineering for Industry Title changed to: *Trans. ASME. J. Eng. Ind. (USA)*

Trans. ASME Ser. C, J. Heat Transfer (USA) — (JHTRAQ)
Transactions of the ASME. Series C, Journal of Heat Transfer Title changed to: *Trans. ASME. J. Heat Transfer (USA)*

Trans. ASME Ser. E, J. Appl. Mech. (USA) — (JAMCAV)
Transactions of the ASME. Series E, Journal of Applied Mechanics Title changed to: *Trans. ASME. J. Appl. Mech. (USA)*

Trans. ASME Ser. F, J. Lubr. Technol. (USA) — (JLUTAT)
Transactions of the ASME. Series F, Journal of Lubrication Technology Title changed to: *Trans. ASME. J. Lubr. Technol. (USA)*

Trans. ASME Ser. G, J. Dyn. Syst. Meas. & Control (USA) — (JDSMAA)
Transactions of the ASME. Series G, Journal of Dynamic Systems, Measurement and Control Title changed to: *Trans. ASME. J. Dyn. Syst. Meas. & Control (USA)*

Trans. ASME Ser. H, J. Eng. Mater. & Technol. (USA) — (JEMTA8)
Transactions of the ASME. Series H, Journal of Engineering Materials and Technology Title changed to: *Trans. ASME. J. Eng. Mater. & Technol. (USA)*

Trans. ASME Ser. I, J. Fluids Eng. (USA) — (JFEGA4)
Transactions of the ASME. Series I, Journal of Fluids Engineering Title changed to: *Trans. ASME. J. Fluids Eng. (USA)*

Trans. ASME Ser. J, J. Pressure Vessel Technol. (USA) — (JPVTAS)
Transactions of the ASME. Series J, Journal of Pressure Vessel Technology Title changed to: *Trans. ASME. J. Pressure Vessel Technol. (USA)*

Trans. ASME Ser. K, J. Biomech. Eng. (USA)
Transactions of the ASME. Series K, Journal of Biomechanical Engineering Title changed to: *Trans. ASME. J. Biomech. Eng. (USA)*

Trans. ASME. J. Appl. Mech. (USA) — (JAMCAV)
Transactions of the ASME. Journal of Applied Mechanics Formerly: *Trans. ASME Ser. E, J. Appl. Mech. (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA

Trans. ASME. J. Biomech. Eng. (USA) — (JBENDY)
Transactions of the ASME. Journal of Biomechanical Engineering American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA

Trans. ASME. J. Dyn. Syst. Meas. & Control (USA) — (JDSMAA)
Transactions of the ASME. Journal of Dynamic Systems, Measurement and Control Formerly: *Trans. ASME Ser. G, J. Dyn. Syst. Meas. & Control (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA

Trans. ASME. J. Eng. Ind. (USA) — (JEFIA8)
Transactions of the ASME. Journal of Engineering for Industry Formerly: *Trans. ASME Ser. B, J. Eng. Ind. (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA

Trans. ASME. J. Eng. Mater. & Technol. (USA) — (JEMTA8)
Transactions of the ASME. Journal of Engineering Materials and Technology Formerly: *Trans. ASME Ser. H, J. Eng. Mater. & Technol. (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA

Trans. ASME. J. Eng. Power (USA) — (JEPOA8)
Transactions of the ASME. Journal of Engineering for Power Formerly: *Trans. ASME Ser. A, J. Eng. Power (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA

Trans. ASME. J. Fluids Eng. (USA) — (JFEGA4)
Transactions of the ASME. Journal of Fluids Engineering Formerly: *Trans. ASME Ser. I, J. Fluids Eng. (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA

Trans. ASME. J. Heat Transfer (USA) — (JHTRAQ)
Transactions of the ASME. Journal of Heat Transfer Formerly: *Trans. ASME Ser. C, J. Heat Transfer (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA

Trans. ASME. J. Lubr. Technol. (USA) — (JLUTAT)
Transactions of the ASME. Journal of Lubrication Technology Formerly: *Trans. ASME Ser. F, J. Lubr. Technol. (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA

Trans. ASME. J. Mech. Des. (USA) — (JMDEDB)
Transaction of the ASME. Journal of Mechanical Design American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA

Trans. ASME. J. Pressure Vessel Technol. (USA) — (JPVTAS)
Transactions of the ASME. Journal of Pressure Vessel Technology Formerly: *Trans. ASME Ser. J, J. Pressure Vessel Technol. (USA)* American Society of Mechanical Engineers, 345 East 47th Street, New York, NY 10017, USA

Trans. Bose Res. Inst. (India) — (TBICAQ)
Transactions of the Bose Research Institute 93/1 Acharya Prafulla Chandra Road, Calcutta 9, India

Trans. Electr. Supply Auth. Eng. Inst. N.Z. (New Zealand) — (TSAZD7)
Transactions of the Electric Supply Authority Engineers' Institute of New Zealand Inc P.O. Box 3047, Wellington, New Zealand

Trans. Inst. Chem. Eng. (GB) — (TICEAH)
Transactions of the Institution of Chemical Engineers 16 Belgrave Square, London, SW1X 8PT, England

Trans. Inst. Electr. Eng. Jpn. (Japan) — (TIEJA8)
Transactions of the Institute of Electrical Engineers of Japan Denshi Tsushin Gakkai, Yuraku-cho, Chiyoda-ku, Tokyo, Japan [English translation in: *Electr. Eng. Jap. (USA)*]. Journal split into 3 parts: *Trans. Inst. Electr. Eng. Jpn. Part A, B and C (Japan)*

Trans. Inst. Electr. Eng. Jpn. Part A (Japan) — (DGKRA8)
Transactions of the Institute of Electrical Engineers of Japan, Part A Denshi Tsushin Gakkai, Yuraku-cho, Chiyoda-ku, Tokyo, Japan

Trans. Inst. Electr. Eng. Jpn. Part B (Japan)
Transactions of the Institute of Electrical Engineers of Japan, Part B Denshi Tsushin Gakkai, Yuraku-cho, Chiyoda-ku, Tokyo, Japan

Trans. Inst. Electr. Eng. Jpn. Part C (Japan) — (DGRCDZ)
Transactions of the Institute of Electrical Engineers of Japan, Part C Denshi Tsushin Gakkai, Yuraku-cho, Chiyoda-ku, Tokyo, Japan

Trans. Inst. Electron. & Commun. Eng. Jpn. Part A (Japan) — (DTGABT)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part A Denshi Tsushin Gakkai, Kikai-Shinko-kaikan Bldg., Shiba Park 21-1-5, Minatoku, Tokyo, Japan. English translation of selected articles appear in *Electron. & Commun. Jap. (USA)* and *Syst. Comput. Control (USA)*

Trans. Inst. Electron. & Commun. Eng. Jpn. Part B (Japan) — (DTGBBW)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part B Denshi Tsushin Gakkai, Kikai-Shinko-kaikan Bldg., Shiba Park 21-1-5, Minatoku, Tokyo, Japan. English translation of selected articles appear in *Electron. & Commun. Jap. (USA)* and *Syst. Comput. Control (USA)*

Trans. Inst. Electron. & Commun. Eng. Jpn. Part C (Japan) — (DTGCAY)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part C Denshi Tsushin Gakkai, Kikai-Shinko-kaikan Bldg., Shiba Park 21-1-5, Minatoku, Tokyo, Japan. English translation of selected articles appear in *Electron. & Commun. Jap. (USA)* and *Syst. Comput. Control (USA)*

- Trans. Inst. Electron. & Commun. Eng. Jpn. Part D (Japan)** — (DTGDA3)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Part D Denshi Tsushin Gakkai, Kikai-Shinko-kaikan Bldg., Shiba Park 21-1-5, Minatoku, Tokyo, Japan. English translation of selected articles appear in: Electron. & Commun. Jap. (USA) and Syst. Comput. Control (USA)
- Trans. Inst. Electron. & Commun. Eng. Jpn. Sect. E (Japan)** — (TIEEDU)
Transactions of the Institute of Electronics and Communication Engineers of Japan, Section E (English) Kikai-Shinko-Kaikan, 5-8 Shibakoen 3-chome, Minato-ku, Tokyo 105, Japan. Contains original contributions in English and abridged version in English of papers and letters published in Japanese in Trans. Inst. Electron. & Commun. Eng. Jpn. Parts A, B, C and D (Japan)
- Trans. Inst. Met. Finish. (GB)** — (TIMFA2)
Transactions of the Institute of Metal Finishing 178 Goswell Road, London, EC1, England
- Trans. Int. Assoc. Math. & Comput. Simulation (Belgium)** — (TIASDI)
Transactions of the International Association for Mathematics and Computers in Simulation Title changed to: Math. & Comput. Simulation (Netherlands)
- Trans. Jpn. Inst. Met. (Japan)** — (TJIMAA)
Transactions of the Japan Institute of Metals Japan Institute of Metals, Aoba Araniaki, Sendai 980, Japan
- Trans. Natl. Res. Inst. Met. (Japan)** — (TNRMAF)
Transactions of National Research Institute for Metals 3-12, 2-chome, Nakameguro, Meguro-ku, Tokyo, Japan
- Trans. North East Coast Inst. Eng. Shipbuild. (GB)** — (TNEEAS)
Transactions of the North East Coast Institution of Engineers and Shipbuilders Bolbec Hall, Westgate Road, Newcastle-upon-Tyne, NE1 1TB, England
- Trans. R. Soc. Can. (Canada)** — (TRSCAI)
Transactions of the Royal Society of Canada (Memoires de la Societe Royale du Canada) National Library, 395 Wellington Street, Ottawa 4, Canada. University of Toronto Press, Toronto 5, Ontario
- Trans. Rhod. Sci. Assoc. (Rhodesia)** — (TRSADF)
Transactions of the Rhodesia Scientific Association M.O. Collins (Pvt) Ltd., P.O. Box 3094, Salisbury, Rhodesia
- Trans. S. Afr. Inst. Electr. Eng. (S. Africa)** — (TSAEA9)
Transactions of the South African Institute of Electrical Engineers Kelvin Publications, Loveday Street, P.O. Box 2988, 2000 Johannesburg, South Africa
- Trans. SAEST (India)** — (TSETA6)
Transactions of the Society for Advancement of Electrochemical Science and Technology Cecrinagar, Karaikudi-3, Tamil Nadu, India
- Trans. Soc. Instrum. & Control Eng. (Japan)** — (TSICA9)
Transactions of the Society of Instrument and Control Engineers Kotohira Annex, 39 Kotohira-cho Shiba, Minato-ku, Tokyo 105, Japan
- Trans. Soc. Rheol. (USA)** — (TSRHAZ)
Transactions of the Society of Rheology Title changed to: J. Rheol. (USA)
- Trans. Tech. Sect. Can. Pulp & Pap. Assoc. (Canada)** — (TSCPDL)
Transactions of the Technical Section, Canadian Pulp and Paper Association 2300 Sun Life Building, Montreal, Quebec H3B 2X9, Canada
- Transelektro News (Hungary)** — (TREKB7)
Transelektro News Hungarian Trading Co. for Electrical Equipment and Supplies, Budapest 62, PO Box 337, Hungary
- Transm. & Distrib. (USA)** — (TRDIAT)
Transmission and Distribution Cleworth Publishing Co., One River Road, Cos Cob, CT 16807, USA
- Transp. Plann. & Technol. (GB)** — (TPLTAK)
Transport Planning and Technology Gordon and Breach Science Publications Ltd. 41 and 42 William IV Street, London, WC2, England
- Transp. Res. (GB)** — (TRREBK)
Transportation Research Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Transp. Sci. (USA)** — (TRSCBJ)
Transportation Science Operations Research Society of America, 428 East Preston Street, Baltimore, MD 21202, USA
- Transp. Theory & Stat. Phys. (USA)** — (TTSPB4)
Transport Theory and Statistical Physics Marcel Dekker Inc., 270 Madison Avenue, New York, NY 10016, USA
- Tribology Int. (GB)** — (TRBIBK)
Tribology International IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Tud. & Musz. Tajek. (Hungary)** — (TMTAAG)
Tudományos és Muszaki Tajekoztatás Országos Muszaki Konyvtar és Dokumentációs Központ, Budapest VIII, Múzeum utca 17, Hungary
- Ukr. Fiz. Zh. (USSR)** — (UFIZAW)
Ukrayins'kii Fizychnyi Zhurnal 'Naukova Dumka', Kiev, Repina 3, USSR
- Ultramicroscopy (Netherlands)** — (ULTRD6)
Ultramicroscopy North-Holland Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Ultrasonics (GB)** — (ULTRA3)
Ultrasonics IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Ultrasound Med. & Biol. (GB)** — (USMBA3)
Ultrasound in Medicine & Biology Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Umsch. Wiss. & Tech. (Germany)** — (UWTCZA)
Umschau in Wissenschaft und Technik Umschau Verlag, Stuttgarter Strasse 18-24, 6 Frankfurt am Main, Germany
- Und-oder-Nor & Steuerungstechn. (Germany)** — (UONSDY)
Und-oder-Nor & Steuerungstechnik Distribution-Verlag GmbH, 65 Mainz, Lessingstrasse 12-14, Germany
- Unesco Bull. Libr. (France)** — (UNBLAB)
Unesco Bulletin for Libraries United Nations Educational, Scientific and Cultural Organization, Place de Fontenay, 75 Paris-7, France
- Union Burma J. Sci. & Technol. (Burma)** — (UBJSAM)
Union of Burma Journal of Science and Technology Union of Burma Applied Research Institute, Yankin P.O., Rangoon, Burma
- Univ. Tripoli Bull. Fac. Eng. (Libya)** — (BFETDQ)
University of Tripoli Bulletin of the Faculty of Engineering P.O. Box 1098, Tripoli, Libya
- Usp. Fiz. Nauk (USSR)** — (UFNAAG)
Uspekhi Fizicheskii Nauk Agent: Mezhdunarodnaya Kniga, Moskva, USSR [English translation in: Sov. Phys.-Usp. (USA)]
- USSR Comput. Math. & Math. Phys. (GB)** — (CMMPA9)
U.S.S.R. Computational Mathematics and Mathematical Physics [Translation of: Zh. Vychisl. Mat. & Mat. Fiz. (USSR)] Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- UV Spectrom. Group Bull. (GB)** — (UVSGAZ)
UV Spectrometry Group Bulletin Formerly: Photoelectr. Spectrom. Group Bull. (GB) c/o Pye Unicam Ltd., York Street, Cambridge, CB1 2PX, England
- Vac News (India)** — (VACNBB)
Vac News Indian Vacuum Society. K.N.Jha, Technical Physics Division, Bhabha Atomic Research Centre, Bombay-4000 085, India
- Vacuum (GB)** — (VACUAV)
Vacuum Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- VDE Fachber. (Germany)** — (VDEFAH)
VDE Fachberichte Verband Deutscher Elektrotechniker. Bismarckstrasse 33, 1000 Berlin 12, Germany
- VDI Z. (Germany)** — (VDIZAT)
VDI Zeitschrift Verlag des Vereins Deutscher Ingenieure, Graf-Recke Strasse 84, 4 Dusseldorf 1, Germany
- Veh. Syst. Dyn. (Netherlands)** — (VSDYA4)
Vehicle System Dynamics Swets & Zeitlinger N.V., 347B Heereweg, Lisse, Netherlands
- Verh. Dtsch. Phys. Ges. (Germany)** — (VDPEAZ)
Verhandlungen der Deutschen Physikalischen Gesellschaft 645 Hanau, Heraeusstrasse 9, Germany
- Verh. K. Acad. Wet. Lett. & Schone Kunsten Belg. (Belgium)** — (VVABA9)
Verhandelungen van de Koninklijke Academie voor Wetenschappen, Letteren en Schone Kunsten van België Paleis der Academies, Hertogsstraat 1, Bruxelles, Belgium
- Verkstaederna (Sweden)** — (VSTDAL)
Verkstaederna Storgatan 5, Box 5510, 114 85 Stockholm 5, Sweden
- Vertica (GB)** — (VERTDW)
Vertica Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Vestn. Leningr. Univ. Fiz. & Khim. (USSR)** — (VLUFBI)
Vestnik Leningradskogo Universiteta— Fizika i Khimiya Leningrad University Press, Universitetskaya Nab. 7/9, Leningrad B-164, USSR
- Vestn. Leningr. Univ. Ser. Mat. Mekh. & Astron. (USSR)** — (VLUA2)
Vestnik Leningradskogo Universiteta—Seriya: Matematika, Mekhanika i Astronomiya Universitetskaya Nab. 7/9, Leningrad B-164, USSR
- Vestn. Mashinostr. (USSR)** — (VMASAV)
Vestnik Mashinostroeniya Mashinostroenie, Prospekt Mira, d. 106, Moskva, GSP-110, USSR [English translation in: Russ. Eng. J. (GB)]
- Vestn. Mosk. Univ. Fiz. Astron. (USSR)** — (VMUFAO)
Vestnik Moskovskogo Universiteta - Fizika, Astronomiya Moskva K-9, Ulitsa Gertsena 5/7, USSR [English translation in: Moscow Univ. Phys. Bull. (USA)]
- Vestn. Mosk. Univ. Mat. Mekh. (USSR)** — (VMMMA5)
Vestnik Moskovskogo Universiteta. Matematika, Mekhanika Izdatel'stvo Moskovskogo Universiteta, Moskva, K-9, Ul. Gertsena Dom 5/7, USSR
- Vestsi Akad. Navuk BSSR Ser. Fiz. Energ. Navuk** — (VABFAF)
Vestsi Akademii Navuk BSSR. Seriya Fizika Energetichnykh Navuk 'Navuk i Tekhnika', Leninskiy Prospekt 68, Minsk, USSR
- Vide (France)** — (VIDEAA)
Le Vide Societe Francaise des Ingenieurs et Techniciens du Vide, 19 rue du Renard, 75 Paris 4, France
- Vignana Bharathi (India)** — (VBHAD6)
Vignana Bharathi Department of Publications & Extension, Bangalore University, Bangalore 560056, India
- Villamossag (Hungary)** — (VLMSAG)
Villamossag Lapkiado Vallalat, Lenin Korut 9-11, Budapest VII, Hungary
- Visible Lang. (USA)** — (VSLGAO)
Visible Language c/o Cleveland Museum of Art, Cleveland, OH 44106, USA
- Vision Res. (GB)** — (VISRAM)
Vision Research Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Vistas Astron. (GB)** — (VASTA6)
Vistas in Astronomy Pergamon Press Ltd., Headington Hill Hall, Oxford, OX3 0BW, England
- Vrashchenie & Prilivnye Deform. Zemli (USSR)** — (VPDZAK)
Vrashchenie i Prilivnye Deformatsii Zemli Izdatel'stvo 'Naukova Dumka', Kiev, Repina 3, USSR
- Vychisl. Metody & Program. (USSR)** — (VYMPAU)
Vychislitel'nye Metody i Programirovaniye Izdatel'stvo Moskovskogo Universiteta, Moskva, K-9, Ul. Gertsena d. 5/7, USSR
- Vysokomol. Soedin. Ser. A (USSR)** — (VYSAAF)
Vysokomolekulyarnye Soedineniya, Seriya A Akademiya Nauk USSR, Leninskii Prosp., Moskva, USSR [English translation in: Polym. Sci. USSR (GB)]
- Waerme (Germany)** — (WARMAP)
Waerme Adelheidstrasse 28, 8 Munchen 40, Germany
- Waerme- & Stoffuebertrag. (Germany)** — (WASBBW)
Waerme- und Stoffuebertragung Springer-Verlag, 1 Berlin 33, Heidelberger Platz 3, Germany
- Water Res. (GB)** — (WATRAQ)
Water Research Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
- Water Resour. Res. (USA)** — (WRERAQ)
Water Resources Research American Geophysical Union, 1909 K Street, N.W., Washington, DC 20006, USA
- Water, Air & Soil Pollut. (Netherlands)** — (WAPLAC)
Water, Air and Soil Pollution D. Reidel Publishing Co., P.O. Box 17, Dordrecht, Netherlands
- Wave Electron. (Netherlands)** — (WAELDS)
Wave Electronics Elsevier Scientific Publishing Co., P.O. Box 211, Amsterdam, Netherlands
- Wear (Switzerland)** — (WEARCI)
Wear Elsevier Sequoia S.A., P.O. Box 851, 1001 Lausanne 1, Switzerland
- Weather (GB)** — (WTHRAL)
Weather James Glaisher House, Grenville Place, Bracknell, Berks RG12 1BX, England

- Weld. & Met. Fabr. (GB)** — (WLMFAM)
Welding and Metal Fabrication IPC Science and Technology Press Ltd., IPC House, 32 High Street, Guildford, Surrey GU1 3EW, England
- Weld. Des. & Fabr. (USA)** — (WDEFAS)
Welding Design and Fabrication Industrial Publishing Co., 614 Superior Avenue, W., Cleveland, OH 44113, USA
- Weld. Prod. (GB)** — (WEPRAO)
Welding Production [Translation of: *Svar. Proizvod. (USSR)*] Welding Institute, Abington Hall, Abington, Cambridge CB1 6AL, England
- Werkstatt & Betr. (Germany)** — (WKUBA9)
Werkstatt und Betrieb Carl Hanser Zeitschriftenverlag GmbH, 8 München 27, Kolbergerstrasse 22, Germany
- Western Electric Eng. (USA)** — (WELEAX)
Western Electric Engineer Western Electric Co., 195 Broadway, New York, NY 10007, USA
- Which Comput. (GB)** — (WHCOD8)
Which Computer? Which Computer? Ltd., 2 Duncan Terrace, London N1 5BR, England
- Wiad. Elektrotech. (Poland)** — (WDELAC)
Wiadomości Elektrotechniczne Wydawnictwa Czasopism Technicznych N.O.T., 00-001 Warszawa 1, Poland
- Wiad. Telekomun. (Poland)** — (WDTEAW)
Wiadomości Telekomunikacyjne Editorial address: Warszawa, Kazimierzowska 52, Poland
- Wire World Int. (Germany)** — (WWINAZ)
Wire World International Vogel-Verlag, Talstrasse 32a, P.O. Box 8311, D-4000 Düsseldorf, Germany
- Wireless World (GB)** — (WIWOAA)
Wireless World IPC Electrical-Electronic Press Ltd., Dorset House, Stamford Street, London, SE1 9LU, England
- Wiring Install. & Supplies (GB)**
Wiring Installations and Supplies Peter Peregrinus Ltd., P.O. Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England
- Wiss. Ber. AEG-Telefunken (Germany)** — (WBATB3)
Wissenschaftliche Berichte AEG-Telefunken Elitera Verlag, 1 Berlin 33 (Grunewald), Fritz-Wildungstrasse 22, Germany
- Wiss. Z. Friedrich-Schiller-Univ. Jena, Math. Naturwiss. Reihe (Germany)** — (WZFMA4)
Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universität Jena, Mathematisch-Naturwissenschaftliche Reihe Friedrich-Schiller Universität, Jena, Am Anger 24, Germany
- Wiss. Z. Karl-Marx-Univ. Leipzig Math.-Naturwiss. Reihe (Germany)** — (WZMNA8)
Wissenschaftliche Zeitschrift Karl-Marx-Universität Leipzig, Mathematisch-Naturwissenschaftliche Reihe 701 Leipzig, Ritterstrasse 14, Germany
- Wiss. Z. Tech. Hochsch. Ilmenau (Germany)** — (WZTHAP)
Wissenschaftliche Zeitschrift der Technischen Hochschule Ilmenau Strasse der Jungen Techniker 21, Ilmenau, Germany
- Wiss. Z. Tech. Hochsch. Karl-Marx-Stadt (Germany)** — (WZTKAY)
Wissenschaftliche Zeitschrift der Technischen Hochschule Karl-Marx-Stadt Friedrich-Engels Strasse 85, Karl-Marx-Stadt, Germany
- Wiss. Z. Tech. Hochsch. Otto von Guericke Magdeburg (Germany)** — (WCGMAI)
Wissenschaftliche Zeitschrift der Technischen Hochschule Otto von Guericke Magdeburg Boleslav-Beirut-Platz 5, Magdeburg, Germany
- Wiss. Z. Tech. Univ. Dresden (Germany)** — (WZTUAU)
Wissenschaftliche Zeitschrift der Technischen Universität Dresden Mommsenstrasse 13, Dresden A227, Germany
- Wiss. Z. Univ. Rostock Ges.-Sprachwiss. Reihe (Germany)** — (WZRGAC)
Wissenschaftliche Zeitschrift der Universität Rostock, Gesellschafts- und Sprachwissenschaftliche Reihe Rostock, Vogelsang 13/14, Germany
- Yad. Fiz. (USSR)** — (IDFZA7)
Yadernaya Fizika Ulitsa Vavilova 44, Korp 2, Moskva V-333, USSR [English translation in: *Sov. J. Nucl. Phys. (USA)*]
- Yogyo-Kyokai-Shi (Japan)** — (YGKSA4)
Yogyo-Kyokai-Shi (Journal of the Ceramic Society of Japan) 22-17, 2-chome, Hyakunin-cho, Shinjuku-ku, Tokyo 160, Japan
- Z. Allg. Wissenschaftstheor. (Germany)** — (ZAWTA2)
Zeitschrift für Allgemeine Wissenschaftstheorie (Journal for General Philosophy of Science) Franz Steiner Verlag, 62 Wiesbaden, Postfach 5529, Germany
- Z. Angew. Math. & Mech. (Germany)** — (ZAMMAX)
Zeitschrift für angewandte Mathematik und Mechanik Akademie-Verlag GmbH, 108 Berlin, Leipziger Strasse 3-4, Germany
- Z. Angew. Math. & Phys. (Switzerland)** — (ZAMPA8)
Zeitschrift für angewandte Mathematik und Physik Verlag Birkhäuser, Postfach 4000, Basel 24, Switzerland
- Z. Eisenbahnwes. & Verkehrstechn. (Glaser's Ann.) (Germany)** — (ZEVGAK)
Zeitschrift für Eisenbahnwesen und Verkehrstechnik (Glaser's Annalen) Georg Siemens Verlagsbuchhandlung, 1 Berlin 30, Lutzstrasse 105/106, Germany
- Z. Elektr. Inf. & Energietechn. (Germany)** — (ZEIZAC)
Zeitschrift für Elektrische Informations- und Energietechnik Akademische Verlagsgesellschaft Geest & Portig K.G., DDR 701 Leipzig, Sternwartenstrasse 8, Germany. Formerly: Hochfrequenztech. & Elektroakust. (Germany) and Wiss. Z. Elektrotech. (Germany)
- Z. Flugwiss. & Weltraumforsch. (Germany)** — (ZFWEDT)
Zeitschrift für Flugwissenschaften und Weltraumforschung Formerly: Z. Flugwiss. (Germany) DFVLR, Postfach 3267, D-3000 Braunschweig, Germany
- Z. Flugwiss. (Germany)** — (ZEFLAN)
Zeitschrift für Flugwissenschaften Title changed to: Z. Flugwiss. & Weltraumforsch. (Germany)
- Z. Math. Logik & Grundlagen Math. (Germany)** — (ZMLGAQ)
Zeitschrift für Mathematische Logik und Grundlagen der Mathematik Deutscher Buch-Export und Import GmbH, 701 Leipzig, Leninstrasse 16, Germany
- Z. Metallkd. (Germany)** — (ZEMTAE)
Zeitschrift für Metallkunde Dr. Riederer-Verlag GmbH., D-7 Stuttgart 1, Johannesstrasse 60, Postfach 447, Germany
- Z. Naturforsch. a (Germany)** — (ZENAAU)
Zeitschrift für Naturforschung (a): Astrophysik, Physik und physikalische Chemie 7082, Oberkochen, Lenghalde 21, Germany
- Z. Oper. Res. Ser. A (Germany)** — (ZORTB8)
Zeitschrift für Operations Research, Serie A: Theorie Physica-Verlag Rudolf Liebing KG, D-87 Würzburg 2, Werner von Siemens Strasse 5, Germany
- Z. Oper. Res. Ser. B (Germany)** — (ZORPBU)
Zeitschrift für Operations Research, Serie B: Praxis Physica-Verlag Rudolf Liebing KG, D-87 Würzburg 2, Werner von Siemens Strasse 5, Germany
- Z. Phys. A (Germany)** — (ZPAADB)
Zeitschrift für Physik A (Atoms and Nuclei) Springer-Verlag, D-6900 Heidelberg 1 Postfach 105 280, Germany
- Z. Phys. B (Germany)** — (ZPBBDJ)
Zeitschrift für Physik B (Condensed Matter and Quanta) Springer-Verlag, D-6900 Heidelberg 1, Postfach 105 280, Germany
- Z. Phys. Chem., Wiesbaden (Germany)** — (ZPCFAX)
Zeitschrift für physikalische Chemie. Neue Folge Akademische Verlagsgesellschaft, Bahnhofstrasse 39, 6200 Wiesbaden, Germany
- Z. Phys. Chem., Leipzig (Germany)** — (ZPCLAH)
Zeitschrift für physikalische Chemie Akademische Verlagsgesellschaft Geest und Portig K.-G., Sternwartenstrasse 8, 701 Leipzig, Germany
- Z. Vermessungswes. (Germany)** — (ZTVRAM)
Zeitschrift für Vermessungswesen Verlag Konrad Wittwer, Stuttgart 1, Nordbahnhofstrasse 16, Postfach 147, Germany
- Zagadnienia Drgan Nieliniowych (Poland)** — (ZDNIAD)
Zagadnienia Drgan Nieliniowych (Nonlinear Vibration Problems) Title changed to: Nonlinear Vib. Probl. (Poland)
- Zavod. Lab. (USSR)** — (ZVDLAU)
Zavodskaya Laboratoriya 2-i, Obyedinskii Per., D, 14, Moskva, G-34, USSR [English translation in: *Ind. Lab. (USA)*]
- Zeiss Inf. (Germany)** — (ZEISAP)
Zeiss Information Carl Zeiss, Oberkochen/Württ, Germany
- Zesz. Nauk. Politech. Lodz. Elektr. (Poland)** — (ZNPEAD)
Zeszyty Naukowe Politechniki Łódzkiej Elektryka Redakcja Wydawnictw Naukowych Politechniki Łódzkiej. Łódz. Ul. Gdanska 155, Poland
- Zh. Eksp. & Teor. Fiz. (USSR)** — (ZETFA7)
Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki Akademiya Nauk SSSR, Leningrad Prospekt 14, Moskva Editorial address: Varob'evskoe Shosse 2, Moskva V-334, USSR [English translation in: *Sov. Phys.-JETP (USA)*]
- Zh. Eksp. & Teor. Fiz. Pis'ma v Red. (USSR)** — (ZFPAU)
Zhurnal Eksperimental'noi i Teoreticheskoi Fiziki. Pis'ma v Redaktsiyu Title changed to: Pis'ma v Zh. Eksp. & Teor. Fiz. (USSR)
- Zh. Nauchnoi & Prikl. Fotogr. & Kinematogr. (USSR)** — (ZNPFGA)
Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii Izdatel'stvo 'Nauka', Moskva, USSR
- Zh. Prikl. Mekh. & Tekh. Fiz. (USSR)** — (ZPMFAF)
Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi Fiziki Sovetskaya 20, Novosibirsk, USSR [English translation in: *J. Appl. Mech. & Tech. Phys. (USA)*]
- Zh. Prikl. Spektrosk. (USSR)** — (ZPSBAX)
Zhurnal Prikladnoi Spektroskopii Editorial address: Institut Fiziki AN BSSR, Leningrad Prospekt 70, Minsk GSP, USSR [English translation in: *J. Appl. Spectrosc. (USA)*]
- Zh. Strukt. Khim. (USSR)** — (ZSTKAI)
Zhurnal Strukturnoi Khimii Editorial address: Director, Institute of Inorganic Chemistry, Siberian Branch, Academy of Sciences of the USSR, USSR [English translation in: *J. Struct. Chem. (USA)*]
- Zh. Tekh. Fiz. (USSR)** — (ZTEFA3)
Zhurnal Tekhnicheskoi Fiziki Izdatel'stvo 'Nauka', Leningrad, USSR [English translation in: *Sov. Phys. Tech. Phys. (USA)*]
- Zh. Vychisl. Mat. & Mat. Fiz. (USSR)** — (ZVMFAN)
Zhurnal Vychislitel'noi Matematiki i Matematicheskoi Fiziki Akademiya Nauk SSSR, Leningrad Prospekt 14, Moskva. Editorial address: ul. Vavilova 28, Moskva V-333, USSR [English translation in: *USSR Comput. Math. & Math. Phys. (GB)*]
- ZWF Z. Wirtsch. Fertigung (Germany)** — (ZTWFAF)
ZWF Zeitschrift für Wirtschaftliche Fertigung Carl Hanser Verlag, Kolbergerstrasse 22, D-8000 München 80, Germany

JOURNALS ABSTRACTED COMPLETELY

Selection of articles from any journal included in the list of Journal depends on the subject of the articles and their quality.

A number of these journals however are central to the INSPEC subject field and of a quality such that, virtually without exception, all articles are regularly abstracted. These journals are listed below.

ACM Trans. Database Syst. (USA)
ACM Trans. Math. Software (USA)
Acta Crystallogr. Sect. A (Denmark)
Acta Electron. (France)
Acta Inf. (Germany)
Acta Metall. (USA)
Acta Phys. Acad. Sci. Hung. (Hungary)
Acta Phys. Austriaca
Acta Phys. Pol. A (Poland)
Acta Phys. Pol. B (Poland)
Acta Phys. Sin. (China)
Acta Polytech. Scand. El. (Finland)
Acustica (Germany)
Adv. Phys. (GB)
AEDS J. (USA)
AIP Conf. Proc. (USA)
Akust. Zh. (USSR)
Am. J. Phys. (USA)
Angew. Inf. (Germany)
Ann. Phys. (France)
Ann. Phys. (Germany)
Ann. Phys. (USA)
Appl. Opt. (USA)
Appl. Phys. (Germany)
Appl. Phys. Lett. (USA)
Appl. Spectrosc. (USA)
Arch. Elektron. & Uebertragungstech. (Germany)
Arch. Elektrotech. (Germany)
Arch. Elektrotech. (Poland)
Astrofizika (USSR)
Astron. & Astrophys. (Germany)
Astron. & Astrophys. Suppl. Ser. (Switzerland)
Astron. J. (USA)
Astrophys. & Space Sci. (Netherlands)
Astrophys. J. (USA)
Astrophys. J. Lett. Ed. (USA)
Astrophys. J. Suppl. (USA)
Astrophys. Lett. (GB)
Atomkernenergie (Germany)
Aust. Comput. J. (Australia)
Aust. J. Phys. (Australia)
Aust. J. Phys. Astrophys. Suppl. (Australia)
Autom. & Remote Control (USA)
Automatica (GB)
Automatisme (France)
BBC Eng. (GB)
Bell Syst. Tech. J. (USA)
BIT (Sweden)
Br. J. Non-Destr. Test. (GB)
Can. Electr. Eng. J. (Canada)
Can. J. Phys. (Canada)
Can. Metall. Q. (Canada)
Chem. Phys. Lett. (Netherlands)
Chin. J. Phys. (Taiwan)
Commun. ACM (USA)
Commun. Phys. (GB)
Comput. & Chem. (GB)
Comput. & Electr. Eng. (USA)
Comput. & Geosci. (GB)
Comput. & Graphics (GB)
Comput. & Hum. (USA)
Comput. & Struct. (GB)
Comput. Aided Des. (USA)
Comput. Appl. (GB)
Comput. Biol. & Med. (GB)
Comput. Des. (USA)
Comput. Graphics & Image Process. (USA)
Comput. J. (GB)
Comput. Lang. (GB)
Comput. Linguist. & Comput. Lang. (Hungary)
Comput. Methods Appl. Mech. & Eng. (Netherlands)
Comput. Networks (Netherlands)
Comput. Phys. Commun. (Netherlands)
Comput. Programs Biomed. (Netherlands)
Comput. Surv. (USA)
Computer (Austria)
Cryst. Lattice Defects (GB)
Cybernetics (USA)
Czech. J. Phys. Sect. B (Czechoslovakia)
Data Base (USA)
Data Rep. (Germany)
Database J. (GB)
Digital Processes (Switzerland)
Electr. Eng. Jpn. (USA)
Electr. Technol. USSR (GB)
Electrocompon. Sci. & Technol. (GB)
Electron. Engineering (GB)
Electron. Lett. (GB)
Elektron. Informationsverarb. & Kybern. (Germany)
Elektronika (Poland)
Elektrotech. Obz. (Czechoslovakia)
Elektrotech. Z. ETZ A (Germany)
Elektrotechnika (Hungary)
Elektrowaerme Int. Ed. B (Germany)
Exp. Tech. Phys. (Germany)
Ferroelectrics (GB)
Fiz. Met. & Metalloved. (USSR)
Fizika (Yugoslavia)
Fortschr. Phys. (Germany)
Found. Phys. (USA)
Frequenz (Germany)
Gen. Relativ. & Gravitation (GB)
Geophys. J. R. Astron. Soc. (GB)
Geophys. Res. Lett. (USA)
High Temp. Sci. (USA)
Hitachi Rev. (Japan)
Hyperfine Interactions (Netherlands)
IBM Nachr. (Germany)
IBM Syst. J. (USA)
Icarus (USA)
IEE J. Comput. & Digital Tech. (GB)
IEE J. Electr. Power Appl. (GB)
IEE J. Electron. Circuits & Syst. (GB)
IEE J. Microwaves Opt. & Acoust. (GB)
IEE J. Solid-State & Electron Devices (GB)
IEEE J. Oceanic Eng. (USA)
IEEE J. Quantum Electron. (USA)
IEEE J. Solid-State Circuits (USA)
IEEE Trans. Acoust., Speech & Signal Process. (USA)
IEEE Trans. Aerosp. & Electron. Syst. (USA)
IEEE Trans. Antennas & Propag. (USA)
IEEE Trans. Autom. Control (USA)
IEEE Trans. Biomed. Eng. (USA)
IEEE Trans. Broadcast. (USA)
IEEE Trans. Cable Telev. (USA)
IEEE Trans. Circuits & Syst. (USA)
IEEE Trans. Commun. (USA)
IEEE Trans. Components, Hybrids & Manuf. Technol. (USA)
IEEE Trans. Comput. (USA)
IEEE Trans. Consum. Electron. (USA)
IEEE Trans. Educ. (USA)
IEEE Trans. Electr. Insul. (USA)
IEEE Trans. Electromagn. Compat. (USA)
IEEE Trans. Electron Devices (USA)
IEEE Trans. Eng. Manage. (USA)
IEEE Trans. Geosci. Electron. (USA)
IEEE Trans. Ind. Appl. (USA)
IEEE Trans. Ind. Electron. & Control Instrum. (USA)
IEEE Trans. Inf. Theory (USA)
IEEE Trans. Instrum. & Meas. (USA)
IEEE Trans. Magn. (USA)
IEEE Trans. Microwave Theory & Tech. (USA)
IEEE Trans. Nucl. Sci. (USA)
IEEE Trans. Plasma Sci. (USA)
IEEE Trans. Power Appar. & Syst. (USA)
IEEE Trans. Prof. Commun. (USA)
IEEE Trans. Reliab. (USA)
IEEE Trans. Software Eng. (USA)
IEEE Trans. Sonics & Ultrason. (USA)
IEEE Trans. Syst. Man & Cybern. (USA)
IEEE Trans. Veh. Technol. (USA)
Indian J. Phys. Part A
Indian J. Phys. Part B
Indian J. Pure & Appl. Phys.
Indian J. Theor. Phys.
Inf. & Control (USA)
Inf. Process. & Manage. (GB)
Inf. Process. Lett. (Netherlands)
Inf. Sciences (USA)
Inf. Syst. (GB)
Infor (Canada)
Informatie (Netherlands)
Infrared Phys. (GB)
Inst. Eng. Aust. Electr. Eng. Trans. (Australia)
Int. J. Circuit Theory & Appl. (GB)
Int. J. Comput. & Inf. Sci. (GB)
Int. J. Comput. Math. (GB)
Int. J. Control (GB)
Int. J. Electron. (GB)
Int. J. Multiphase Flow (GB)
Int. J. Numer. Methods Eng. (GB)
Int. J. Quantum Chem. (USA)
Int. J. Solids & Struct. (GB)
Int. J. Theor. Phys. (USA)
Izv. Akad. Nauk SSSR Ser. Fiz.
Izv. VUZ Fiz. (USSR)
Izv. VUZ Radioelektron. (USSR)
J. Acoust. Soc. Am. (USA)
J. Am. Ceram. Soc. (USA)
J. Am. Soc. Inf. Sci. (USA)
J. Appl. Crystallogr. (Denmark)
J. Appl. Phys. (USA)
J. Approximation Theory (USA)
J. Assoc. Comput. Mach. (USA)
J. Atmos. & Terr. Phys. (GB)
J. Aust. Math. Soc. Ser. A (Australia)
J. Chem. Phys. (USA)
J. Comb. Theory Ser. B (USA)
J. Comput. & Syst. Sci. (USA)
J. Comput.-Based Instr. (USA)
J. Cryst. Growth (Netherlands)
J. Des. Autom. & Fault-Tolerant Comput. (USA)
J. Educ. Data Process (USA)
J. Geophys. Res. (USA)
J. Jpn. Inst. Met. (Japan)
J. Less-Common Met. (Switzerland)
J. Low Temp. Phys. (USA)
J. Magn. & Magn. Mater. (Netherlands)
J. Mater. Sci. (GB)
J. Math. Phys. (USA)
J. Mol. Spectrosc. (USA)
J. Non-Cryst. Solids (Netherlands)
J. Nucl. Mater. (Netherlands)
J. Opt. (France)
J. Opt. Soc. Am. (USA)
J. Optimiz. Theory & Appl. (USA)
J. Phys. (France)
J. Phys. A (GB)
J. Phys. B (GB)
J. Phys. C (GB)
J. Phys. D (GB)
J. Phys. E (GB)
J. Phys. F (GB)
J. Phys. G (GB)
J. Phys. & Chem. Ref. Data (USA)
J. Phys. & Chem. Solids (GB)
J. Phys. Lett. (France)
J. Phys. Soc. Jpn. (Japan)
J. Plasma Phys. (GB)
J. Radio Res. Lab. (Japan)
J. Raman Spectrosc. (GB)
J. Soc. Mater. Sci. Jpn. (Japan)
J. Solid State Chem. (USA)
J. Stat. Comput. & Simulation (GB)
J. Stat. Phys. (USA)
J. Symb. Logic (USA)
J. Syst. Manage. (USA)
J. Test. & Eval. (USA)
J. Vac. Sci. & Technol. (USA)
JETP Lett. (USA)
Jpn J. Appl. Phys. (Japan)
Lett. Nuovo Cimento (Italy)
Magn. Lett. (GB)
Manage. Datamatics (Netherlands)
Marconi Rev. (GB)
Mater. Eval. (USA)
Mater. Res. AECL (Canada)
Mater. Sci. & Eng. (Switzerland)
Mater. Test (Germany)
Math. & Comput. Simulation (Netherlands)
Math. Comput. (USA)
Math. Program. (Netherlands)
Mech. Autom. Adm. (Czechoslovakia)
Met. Forum (Australia)
Met. Sci. (GB)
Metall. Trans. A (USA)
Metall. Trans. B (USA)
Metrika (Austria)
Microelectron. & Reliab. (GB)
Mol. Phys. (GB)
Mon. Not. R. Astron. Soc. (GB)
Nachrichtentech. Elektron. (Germany)
Nachrichtentech. Z. (Germany)
Networks (USA)
Nucl. Fusion (Austria)
Nucl. Instrum. & Methods (Netherlands)
Nucl. Phys. vol. A (Netherlands)
Nucl. Phys. vol. B (Netherlands)
Nucl. Sci. & Eng. (USA)
Nucl. Technol. (USA)
Numer. Math. (Germany)
Nuovo Cimento A (Italy)
Nuovo Cimento B (Italy)
Nuovo Cimento C (Italy)
Opt. & Quantum Electron. (GB)
Opt. & Spectrosc. (USA)
Opt. Acta (GB)
Opt. Commun. (Netherlands)
Opt. Eng. (USA)
Optik (Germany)
Oxid. Met. (USA)
Part. Accel. (GB)
Philos. Mag. A (GB)
Philos. Mag. B (GB)
Phys. Energ. Fortis & Phys. Nucl. (China)
Phys. Fluids (USA)
Phys. Lett. vol. A (Netherlands)
Phys. Lett. vol. B (Netherlands)
Phys. Rev. A (USA)
Phys. Rev. B (USA)
Phys. Rev. C (USA)
Phys. Rev. D (USA)
Phys. Rev. Lett. (USA)
Phys. Scr. (Sweden)
Phys. Status Solidi a (Germany)
Phys. Status Solidi b (Germany)
Physica A (Netherlands)
Physica B & C (Netherlands)
Plasma Phys. (GB)
Post Off. Electr. Eng. J. (GB)
Power Eng. (Acad. Sci. USSR) (USA)
Pr. Inst. Laczności (Poland)
Pramana (India)
Proc. IEEE (USA)
Proc. Inst. Electr. Eng. (GB)
Proc. R. Soc. London Ser. A (GB)
Proc. S.I.D. (USA)
Prog. Theor. Phys. (Japan)
Publ. Astron. Soc. Pac. (USA)
Radiat. Eff. (GB)
Radio & Electron. Eng. (GB)
Radio Eng. & Electron Phys. (USA)
Radio Sci. (USA)
Rep. Prog. Phys. (GB)
Rev. Mex. Fis. (Mexico)
Rev. Mod. Phys. (USA)
Rev. Phys. Appl. (France)
Rev. Roum. Phys. (Rumania)
Rev. Sci. Instrum. (USA)
Ric. Autom. (Italy)
Riv. Inf. (Italy)
Riv. Nuovo Cimento (Italy)
Rozpr. Elektrotech. (Poland)
Rundfunktech. Mitt. (Germany)
Sci. Electr. (Switzerland)
Scr. Metall. (USA)
SIAM J. Comput. (USA)
SIAM J. Control & Optimiz. (USA)
SIAM J. Numer. Anal. (USA)
Siemens Forsch. - & Entwicklungsber. (Germany)
SIGCUE Bull. (USA)
SIGNUM Newsl. (USA)
SIGPLAN Not. (USA)
Simulation (USA)
Slaboproudny Obz. (Czechoslovakia)
Software Pract. & Exper. (GB)
Solid-State Commun. (USA)
Solid-State Electron. (GB)
Sov. Astron. (USA)
Sov. J. Opt. Technol. (USA)
Sov. J. Quantum Electron. (USA)
Sov. Phys. - Acoust. (USA)
Sov. Phys. - Crystallogr. (USA)
Sov. Phys. - Dokl. (USA)
Sov. Phys. - JETP (USA)
Sov. Phys. - Lebedev Inst. Rep. (USA)
Sov. Phys. - Semicond. (USA)
Sov. Phys. - Solid-State (USA)
Sov. Phys. - Tech. Phys. (USA)
Sov. Phys. - Usp. (USA)
Sov. Tech. Phys. Lett. (USA)
Syst. Comput. Control (USA)
Tech. Mitt. PTT (Switzerland)
Tech. Mitt. RFZ (Germany)
Telecommun. & Radio Eng. Part 1 (USA)
Telecommun. & Radio Eng. Part 2 (USA)
Theor. Comput. Sci. (Netherlands)
Thin Solid Films (Switzerland)
Trans. Natl. Res. Inst. Met. (Japan)
Ukr. Fiz. Zh. (USSR)
Yad. Fiz. (USSR)
Z. Elektr. Inf. & Energietechn. (Germany)
Z. Naturforsch. a (Germany)
Z. Phys. A (Germany)
Z. Phys. B (Germany)
Zh. Eksp. & Teor. Fiz. (USSR)

THE TRANSLITERATION OF RUSSIAN FOR BIBLIOGRAPHICAL PURPOSES

English Letters	Languages	Cyrillic Letters	English Letters	Languages	Cyrillic Letters
a	R S B	А а	p	R S B	П п
b	R S B	Б б	r	R S B	Р р
ch	R S B	Ч ч	s	R S B	С с
d	R S B	Д д	sh	R S B	Ш ш
e	R S B	Е е	shch	R	Щ щ
ë	R	Ё ё	sht	B	Ъ ъ
é	R	Э э	t	R S B	Т т
ê	R B	Ѣ ѣ	t'	R B	ТЬ ть
f	R S B	Ф ф	t'	S	Ѡ ѡ
g	R S B	Г г	th	R	Ѳ ѳ
i	R S B	И и	ts	R S B	Ц ц
ī	R	І і	t - s	R S B	ТС тс
ī	R B	Й й	u	R S B	У у
j	S	Ї ї	ū	B	Ѵ ѵ
j'	S	Ѣ ѣ	ū	B	Ѧ ѧ
k	R S B	К к	v	R S B	В в
kh	R S B	Х х	y	S	Ј ј
l	R S B	Л л	ȳ	R	Ы ы
l'	R B	Љ љ	ÿ	R	Ѳ ѳ
l'	S	Љ љ	ya	R B	Я я
m	R S B	М м	yu	R B	Ю ю
n	R S B	Н н	z	R S B	З з
n'	R B	НЬ нь	zh	R S B	Ж ж
n'	S	НЬ нь	'	R	Ѣ ѣ
o	R S B	О о	'	R B	Ѣ ѣ

The use of l', n' and t' in Russian and Bulgarian (where they are not transliterations of a single letter, but merely l, n or t followed by the soft sign) is included to emphasise the fact that they are used for single letters only in Serbian.

'Shch' and 'sht' invariably represent the letter III, in Russian and Bulgarian, respectively, since the pairs of letters (IIIh in Russian and IIIT in Bulgarian) seem never to occur consecutively in the respective languages.

The above table is reproduced, by permission, from the pamphlet 'The transliteration of Russian, Serbian and Bulgarian for bibliographical purposes' published by the Royal Society, Burlington House, London W1 (February 1953, price 5p.). It represents the system at present in use in Science Abstracts for the transliteration of the names of journals and the names of authors of articles abstracted.

ABSTRACTS AND CURRENT PAPERS JOURNALS

SUBSCRIPTION PRICES

	USA \$	UK £	ROW £	JAPAN ¥
PHYSICS ABSTRACTS				
Paper or Microfiche.....	840	335	430	249,400
Paper and Microfiche.....	1260	503	645	374,100
ELECTRICAL & ELECTRONICS ABSTRACTS				
Paper or Microfiche.....	610	280	340	197,200
Paper and Microfiche.....	915	420	510	295,800
COMPUTER & CONTROL ABSTRACTS				
Paper or Microfiche.....	355	175	220	127,600
Paper and Microfiche.....	533	263	330	191,400
PA/EEA/CCA COMBINED SUBSCRIPTION				
Paper or Microfiche.....	1590	690	880	510,400
Paper and Microfiche.....	2385	1035	1320	765,600
EEA/CCA COMBINED SUBSCRIPTION				
Paper or Microfiche.....	870	405	510	295,800
Paper and Microfiche.....	1305	608	765	443,700
CURRENT PAPERS IN PHYSICS				
Member rate.....	50	25	25	—
Non-Member rate.....	110	60	60	34,800
CURRENT PAPERS IN ELECTRICAL & ELECTRONICS ENGINEERING				
Member rate.....	45	25	25	—
Non-Member rate.....	90	50	50	29,000
CURRENT PAPERS ON COMPUTERS & CONTROL				
Member rate.....	45	25	25	—
Non-Member rate.....	90	50	50	29,000
KEY ABSTRACTS				
Member rate*.....	25	12	12	—
Non-Member rate.....	45	20	20	11,600
KEY ABSTRACTS				
EMI/PMI PER SECTION—Member.....	40	12	12	—
Non-Member rate.....	55	25	25	14,500
COMBINED.....	—	40	40	23,200

*The Key Abstracts Member rate is available to Members of the IEE and IEEE only.

CUMULATIVE INDEXES

Cumulative indexes are available for *Physics Abstracts*, *Electrical & Electronics Abstracts* and *Computer & Control Abstracts*, for both authors and subjects. These cumulations generally cover a period of four years, with the exception of *Computer & Control Abstracts* where the initial volume covered the period 1966-68. The table below shows the prices and periods for the two types of cumulative index.

	PHYSICS ABSTRACTS				ELECTRICAL & ELECTRONICS ABSTRACTS				COMPUTER & CONTROL ABSTRACTS			
	AMERICAS		REST OF WORLD		AMERICAS		REST OF WORLD		AMERICAS		REST OF WORLD	
	Subject	Author	Subject	Author	Subject	Author	Subject	Author	Subject	Author	Subject	Author
1955-59	\$ 50	\$ 50	£ 20	£ 20	\$ 38	\$ 50	£ 15	£ 20	\$ —	\$ —	£ —	£ —
1960-64	100	43	40	17	50	30	20	12	—	—	—	—
1965-68	150	75	63	25	88	50	35	20	—	—	—	—
1969-72	545	—	222	—	180	160	72	64	123	78	48	30
1973-76	1200	600	600	300	500	300	250	150	300	150	150	75
1966-68	—	—	—	—	—	—	—	—	38		15	

ORDERING PROCEDURE

THE AMERICAS

North (including Canada), Central and South
All orders from the above areas, and orders from members of Institute of Electrical and Electronics Engineers Inc. anywhere in the world, should be sent to Fulfillment Manager, Institute of Electrical & Electronics Engineers Inc., 445 Hoes Lane, Piscataway, N.J. 08854, USA.

日本のお客様にご案内申し上げます

日本国内に於ける INSPEC の購入価格はすべて円建てとなっております。また刊行物はすべて航空便で配達されます。INSPEC 刊行物の価格、その他についてのお問い合わせは最寄の洋書取扱専門店または輸入総代理店(株)ユー・エス・エシオテック カンパニー 〒105 東京都港区新橋 1-13-12、TEL 03 (502) 6471 までご連絡ください。

REMAINDER OF THE WORLD

All remaining subscriptions should be sent to INSPEC Marketing Department, P O Box 26, Hitchin, Herts SG5 7RS, England. Telephone 01-240 1871, Telex 261176, Telegrams Voltampere London WC2.

OTHER INSPEC SERVICES

SDI

(Selective Dissemination of Information.) This is a service individually tailored to the requirements and interests of the engineer or research worker. Details of information relevant to the interest profile of the individual subscriber are selected from the data being processed for the INSPEC database. Information is dispatched weekly on 150 mm x 100 mm (6" x 4") cards.

TOPICS

This is an SDI service based on standard profiles. There are over 70 subjects covering high-activity areas of research and development. This is an inexpensive card service designed to alert engineers and researchers to the availability of literature within their subject area.

MAGNETIC TAPES

Tapes containing all the information included in the INSPEC publications are issued twice monthly. They enable the larger research and development organisations to produce their own internal information and current-awareness services.



inspec
The Institution of
Electrical Engineers

IEE PERIODICALS

The Institution of Electrical Engineers has long been an important publisher of primary periodicals and conference publications, and, in this respect, makes a major contribution to the science and engineering literature of the world.

Proceedings IEE

This monthly periodical contains significant and original contributions in electrical engineering, electronics and control engineering. A particular feature is the annual IEE Reviews issue, which contains specially commissioned articles written by specialists that review topics in depth for the professional electrical and electronics engineer.

Electronics Record, Power Record and Control & Science Record

The Records are quarterly periodicals containing papers covering the fields of electronics, power engineering, control, automation, electrical science, education and management, reprinted from the three previous issues of the Proceedings IEE.

Electronics Letters

A fortnightly international publication specially designed to provide rapid publication of short communications by research workers and development engineers in electronic science and engineering, radio and automatic control.

Electronics & Power

This wide-ranging technological magazine, published 11 times a year, contains industrial news and new-products information, together with articles on technology, management and other topics likely to interest, and be of use to, the engineer. The subscription also includes IEE News.

IEE Journal on Microwaves, Optics and Acoustics (MOA)

Bimonthly journal with detailed coverage of microwave, optical and acoustic engineering of systems, components and devices of a size comparable to or greater than the wavelength of operation.

IEE Journal on Electronic Circuits and Systems (ECS)

Bimonthly journal covering original concepts, theory and analysis in circuits and systems including computer-aided design, communication, computers and radar.

IEE Journal on Solid-State and Electron Devices (SSED)

Coverage is given in this bimonthly journal to the fundamentals and physics of bulk-effect, m.i.s., optoelectronic and novel devices along with their design, limitations and performance.

IEE Journal on Computers and Digital Techniques (CDT)

This new quarterly journal is devoted to digital systems in the broadest sense, covering the structure, design and technology of the systems themselves and the subsystems and components from which they are built.

IEE Journal on Electric Power Applications (EPA)

The aim of this new quarterly journal is the dissemination of technical knowledge on all aspects of the utilisation of electric power.

For full details of all IEE primary periodicals, conference publications and books, as well as information on special prices for IEE members, please write to:

Marketing Department

Institution of Electrical Engineers

PO Box 8, Southgate House, Stevenage, Herts. SG1 1HQ, England

